



demeter

# **Input list 2020**

**for Demeter-International**

# Imprint

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Dear members of Demeter-International, dear partners,

This is the Demeter-International Input list of 2020. It was developed in accordance with the standards of Demeter-International for the use of products in certified Biodynamic agriculture.

The products in the Demeter-International Input list are conform to Demeter-International Standards 2019 with validity for the certification campaigns 2020. They are also evaluated with regard to the EU regulation No. 834/2007 and No. 889/2008, to the legal framework of the EU and to German regulations for various inputs (e.g. fertilizers, plant protection agents, feedstuff), regarding companies, that are distributing their products in Germany. The conformity to legislations in countries other than Germany is only evaluated regarding the plant protection products (ppp). Whenever a plant protection product is approved in Germany, the according approval number is given without further mentioning of the country. When a product is approved in another country, the number, relevant authority and country is given, e.g. "MAPA, Spain". In countries other than Germany, users of ppp have the responsibility to clarify either with the producers or with the respective national authorities if a specific product is conform to all relevant national legislations and if it can be used legally. This also applies to products of other categories.

Please note, products on this list have been tested primarily for conformity with the Demeter Standard. This does not necessarily mean that they are compliant to all basic organic regulations such as the EU regulation or NOP. The usability of the products in the EU according to Reg. (EC) 834/2007 and No. 889/2008 or respective deviating national organic regulations can be verified on the website [www.demeter.net/approved-inputs](http://www.demeter.net/approved-inputs) or [www.betriebsmittelliste.de/en/search/search](http://www.betriebsmittelliste.de/en/search/search).

The use of cleaning and disinfection agents in the processing of organic food and beverages is not covered by the EU Regulations. Therefore, the special FiBL criteria for such products and the standards by Demeter-International for processing are the only basis for the evaluation. Suitable products for cleaning and disinfection in processing are attached to the Demeter-International Input list for certified Biodynamic agriculture. This serves as an orientation for all farmers, who also work in processing.

Demeter-International e.V. points out that the listing of a product on this list only confirms compliance with the current Demeter Standards, based on the information provided. Listing according to these criteria does not in any way imply the use of the trademarks administered by Demeter. Use of trademarks without a trademark usage contract with the appropriate certification organisation will be prosecuted as trademark infringement. Demeter-International e.V. disclaims liability in connection with the use in practice of the listed products. Reproduction and extract copies are only allowed with a written permission from the publisher, issued upon request.

The Input list does not claim to be complete. Products, not listed in the Input list can only be used after consulting the respective national Demeter organisation or the International Certification Office (ICO) of Demeter-International.

Users and operators are generally responsible for the use of any inputs. The listing of products in the current Input list is no recommendation for their use. The effectivity of the products, e.g. of plant protection agents or fertilizers, has not been evaluated and is no criteria for the listing.

The Input list is published annually. It is valid until a new edition is published.

The Input list is written in English and contains all products meeting the standards of Demeter-International.

The online search in English is available here: [www.demeter.net/approved-inputs](http://www.demeter.net/approved-inputs). Products that were evaluated after this list was published can also be found here.

Darmstadt and Frankfurt, March 2020

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#### Registration process

For the registration of new products, the applying company needs to be registered with FiBL Projekte GmbH in Germany. After the registration is complete, product application forms can be filled in and sent to FiBL.

A detailed description of the process, the product application forms and the Regulations on fees can be found here: [www.betriebsmittelliste.de/bml-registration](http://www.betriebsmittelliste.de/bml-registration).

The deadline for the registration of new products for the Inputs list for organic agriculture in Germany 2020 by FiBL will be published on the website as well.

#### Abbreviations of German authorities

Since this list is based on the German inputs list, many producers and distributors chose to apply for German quality marks. They are registered with and have authorization numbers by federal authorities in Germany. Please find detailed information on the websites of the companies.

BVL Federal Office of Consumer Protection and Food Safety  
[www.bvl.bund.de/en/home](http://www.bvl.bund.de/en/home)

BAuA Federal Institute for Occupational Safety and Health  
[www.baua.de/en/home](http://www.baua.de/en/home)

DLG German Agricultural Society  
[www.dlg.org/en](http://www.dlg.org/en)

DVG German associations of Veterinary Medicine  
[www.dvg.net](http://www.dvg.net)

VAH Association for Applied Hygiene  
[www.vah-online.de/en](http://www.vah-online.de/en)

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# 1 Fertilizers, composts, soils and technical materials

## 1-1 Nitrogen-rich fertilizers (N)

Tradename	Company	Nutrient content		Composition, Remarks
Aminofert N Pulver	Beckmann & Brehm	DM	99,5 %	Vegetable protein <i>Organic N-liquid fertiliser of vegetable origin, the product is water soluble</i>
		N	15 %	
BESTIM	NUTRICROP	N_total	12 %	Glycine betaine <i>Approval number: F0001863/2022 (MAPA, Spain)</i>
BF sheep wool pellets	Baltic Fert	DM	97,5 %	Sheep wool, potassium
		N	8,9 %	
		K2O	11,3 %	
BF sheep wool pellets alfa	Baltic Fert	DM	90,5 %	Sheep wool, alfalfa
		OS	92 %	
		N	9 %	
		P2O5	0,6 %	
		K2O	2 %	
		S	1,5 %	
BIO beta N 13	Maltaflor	OS	72 %	Vegetable materials from food-, beverage/ tobacco- and feed production (molasses - fermented) <i>N-fertilizer on purely vegetable basis</i>
		N	13-14 %	
		P2O5	1 %	
		K2O	2 %	
Bio-Algihum® 'Terratop® Golf 6'	aqua-terra	DM	79 %	Organic fertiliser of vegetable origin, Bio-Algihum® "Bodengranulat plus" (soil granulate), diatomaceous earth, bentonite
		OS	48 %	
		N	6,4 %	
		P2O5	1,3 %	
		K2O	4,5 %	
		CaO	6,9 %	
		MgO	1 %	
		Na	1,4 %	
Bio-NPK 10-3-5	Biovin	OS	68 %	Hair meal, vinasse potassium, rock phosphate, grape marc kompost, vinasse
		N	10 %	
		P2O5	3 %	
		K2O	5 %	
Biorga Quick	Hauert MANNA	DM	95-98 %	Feather meal, horn meal, meat and bone meal, malt culm, vinasse
		OS	80 %	
		N	12 %	
Biorganic N-Star	Hauert MANNA	DM	95 %	Feather meal, hornmeal, meat and bone meal, malt culm, dolomite limestone, vinasse <i>Natural N-focused lawn fertilizer. Application rate 50-80 g/m²</i>
		OS	70 %	
		N	12 %	
		P2O5	1 %	
		Mg	1,3 %	
Biostercus 3	M4 Bio	DM	90 %	Horse manure, vinasse <i>2,5 / 5 / 10 / 12,5 / 20 / 25 kg sack and delivery as bulk goods and BigBag</i>
		OS	77 %	
		N	3 %	
		P2O5	1,5 %	
		K2O	5 %	
Biota-NPK 7-2-3	Biota Nutri	DM	17,3 %	Plant extracts from enzymatic hydrolysis
		OS	10,1 %	
		N	6,8 %	
		P2O5	2,2 %	
		K2O	3 %	

Tradename	Company	Nutrient content		Composition, Remarks
DCM Eco-Mix 3	Deutsche Cuxin	DM	90 %	Bristle meal, hoof meal, feather meal, vinasse extract, wheat gluten meal, cocoa husks, wet vinasse extract, grape seed meal
		OS	80 %	
		N	12 %	
		K2O	3 %	
		Na	0,8 %	
		S	3,2 %	
Diaglutin® N pellet	Biofa	DM	94,78 %	Feather meal, vegetable raw materials
		OS	82,57 %	
		N	11 %	
		P2O5	2,5 %	
		K2O	1,2 %	
Gärtner's Hornmehl 1 kg, 2,5 kg	gpi green partners international	OS	95 %	Horn meal
		N	14 %	
		S	2,6 %	
Gärtner's Hornspäne 1 kg, 2,5 kg, 5 kg	gpi green partners international	OS	80 %	Horn shavings
		N	14 %	
		S	2 %	
GREENSTIM	Comercial Quimica Massó	N	12 %	Sugar beet extract (glycine-betaine) Approval number: F0000157/2026 (MAPA, Spain)
Guar Mehl Korma	Heinr. Propfe	N	8 %	Guar meal korma
		P2O5	0,75 %	
		K2O	1,5 %	
		MgO	0,5 %	
Haarmehlpellets	Biofa	N	14 %	Pig bristles
Haarmehlpellets	Klasmann-Deilmann	DM	90 %	Hair meal
		OS	58 %	
		N	13 %	
Horngrieß 2,5 kg	gpi green partners international	DM	95 %	Horn semolina
		OS	97 %	
		N	14 %	
		S	2 %	
Horngrieß gedämpft (0-3 mm)	Biofa	N	14 %	Horn
Hornmehlpellets	Biofa	N	14 %	Horn meal pellets
Hornspäne	Harden GmbH	N	14 %	Horn shavings <i>Product is available damped and undamped in different sieves</i>
Hornspäne 1 kg, 2,5 kg, 5 kg	gpi green partners international	OS	80 %	Horn shavings
		N	14 %	
		S	2 %	
Hornspäne gedämpft (1-5 mm)	Biofa	N	14 %	Horn
InnoFert Öko N	Beckmann & Brehm	DM	98 %	Hair meal, feather meal, potassium humate <i>Pelletized mixture form hair meal, feather meal and potassium humate</i> <i>Distributor: BayWa</i>
		OS	95 %	
		N	13,5 %	
		S	1,9 %	
IMPULSE I	Timac DE	N	4 %	<i>NPK Organo-mineral fertilizer with a stimulator of growth / development of plants based on vegetal extracts</i>
		P2O5	2 %	
		K2O	2 %	
IMPULSE II	Timac DE	N	4 %	<i>NPK Organo-mineral fertilizer with a stimulator of growth / development of plants based on vegetal extracts</i>
		P2O5	2 %	
		K2O	6 %	
		MgO	3 %	

Tradename	Company	Nutrient content		Composition, Remarks
MANNA Fert V	Hauert MANNA	DM	90 %	Residual material from glucose and starch production, cocoa husks
		OS	84 %	
		N	5 %	
		P2O5	3 %	
		K2O	1 %	
		CaO	3 %	
		Na	0,45 %	
		S	0,67 %	
MixProf Extra Substrate 2 NPK 7-0-0	Rendapart	DM	90 %	Soya meal
		OS	50 %	
		N	7 %	
Monterra Bio 13-0-0	Klasmann-Deilmann	DM	90 %	Hair meal, horn semolina, feather meal, molasses, vegetable materials from food-, beverage/tobacco- and feed production, vegetable fat
		OS	85 %	
		N	13 %	
		CaO	1 %	
		MgO	0,2 %	
		S	1,7 %	
Naturamin-WSP	DAYMSA	DM	95,9 %	Feather meal <i>Promotes plant growth and plant yield with unfavourable conditions</i>
		OS	90 %	
		N	12,8 %	
Oscorna® Hornspäne	Oscorna	OS	90 %	Horns and hoofs
		N	14 %	
		S	1,5 %	
Osmo Haarmehl Plus	Fertira	DM	95,0 %	Hearmeal (cat. 3), meat and bone meal (cat. 3)
		OS	80,0 %	
		N_total	13,6 %	
PB Liquid 4-2-8	Dacam	N	4 %	Fermented plant material
		P2O5	1,6 %	
		K2O	7,8 %	
PB Liquid 5-2-5	Dacam	N	5,2 %	Fermented plant material
		P2O5	2 %	
		K2O	5,1 %	
PB Liquid 7-2-3	Dacam	N	6,8 %	Fermented plant material
		P2O5	2,5 %	
		K2O	2,2 %	
PB Liquid 8-3-1	Dacam	OS	46,5 %	Fermented plant material
		N	8,7 %	
		P2O5	3,2 %	
		K2O	0,9 %	
Plant based Nitro N13	Dacam	DM	97,7 %	Fermented plant material
		N	13-14 %	
		NH4-N	7,7 %	
		P2O5	1,3 %	
		K2O	2,9 %	
		MgO	4,5 %	
		Na	2,1 %	
Protamylasse-PPL-NPK 2-1-7	Dacam	N	2,4 %	Potato fruit water
		K2O	7,9 %	
Provita Haarmehl-Pellets	Beckmann & Brehm	DM	95 %	Hygienised pig bristles <i>5 mm pellet, highly compatible and quickly available</i>
		OS	90 %	
		N	14 %	
		P2O5	1 %	
		S	1,7 %	
		Zn	0,017 %	

Tradename	Company	Nutrient content		Composition, Remarks
Provita Horngrieß	Beckmann & Brehm	DM	95 %	Steamed and crushed bovine horns and hoofs <i>Various sievings available</i>
		OS	95 %	
		N	14 %	
		S	2 %	
Provita Horngrieß Gold	Beckmann & Brehm	DM	95 %	Horn, hoofs, Phytogran <i>Organic N-fertiliser whose basic materials complement each other to a favorable N-release curve (view publication by H. Laber, 2013)</i>
		OS	97 %	
		N	11,5 %	
		P2O5	1 %	
		K2O	1 %	
S	1 %			
Provita Hornmehl	Beckmann & Brehm	N	13 %	Horn, hoofs <i>Organic N-fertiliser, relatively fast release through grinding. Keratin fertilisers show a great provision index according to KTBL-script 499</i>
Provita Hornspäne	Beckmann & Brehm	DM	95 %	Crushed bovine horns and hoofs <i>Various sievings available</i>
		OS	95 %	
		N	14 %	
		P2O5	0,5 %	
		K2O	0,3 %	
S	2,2 %			
Provita Pellet 105 Nord	Beckmann & Brehm	N	11 %	<i>Organic N-fertiliser from feather meal and cocoa husks, 4 mm pellet, fast implementation, less intense smell than hair meal pellets</i>
		P2O5	1 %	
		K2O	1 %	
		S	1 %	
Rama Biodünger	ökohum GmbH	OS	85 %	Corn gluten, post-extraction rapeseed meal
		N	7,8 %	
		P2O5	1,3 %	
		K2O	0,7 %	
RWS BIO NATURDÜNGER 11	PBI Austria	OS	64 %	Feather meal, soy grist, horn meal <i>Fast and sustainably effective organic fertiliser pellets with high N-content, as well as phosphate and potassium</i>
		N	10,5-11 %	
		P2O5	1,2-1,5 %	
		K2O	1-1,5 %	
RWZ BIO NATURDÜNGER 11	PBI Austria	OS	64 %	Soy grist, feather meal, horn meal <i>Organic N-fertilizer for healthy plants, soil life and soil fertility - for all plants</i>
		N	10,5-11 %	
		P2O5	1,2-1,5 %	
		K2O	1-1,5 %	
Sedumin® Manupur N14	PBI Austria	DM	92 %	Bristle meal <i>Fast and sustainably acting organic nitrogen fertiliser pellets for the promotion of healthy plants, and soil life</i>
		OS	88 %	
		N	13,8 %	
Sedumin® Manupur-N11	PBI Austria	DM	93 %	Feather meal, soy grist, horn meal <i>Fast and sustainably acting organic nitrogen fertiliser pellets for the promotion of healthy plants, with additional phosphate and potassium</i>
		OS	64 %	
		N	10,5-11 %	
		P2O5	1,2-1,5 %	
		K2O	1-1,5 %	
MgO	0,3 %			
Sedumin® Manupur-N13	PBI Austria	DM	92 %	Feather meal, bristle meal, cocoa husks <i>Fast and sustainable pellet nitrogen fertilizer for the promotion of healthy plants, soil life and soil fertility for all plants</i>
		OS	82 %	
		N	13 %	
Sedumin® NitroPlant N13	PBI Austria	N	13 %	Melasse (fermented) <i>Fast and sustainable nitrogen fertilizer on a plant-based basis - granulate with good spreading properties and low odor</i>
		P2O5	1 %	
		K2O	2 %	

Tradename	Company	Nutrient content		Composition, Remarks
Sedumin® Pellisol N14	PBI Austria	DM	90 %	Fur and skin parts, ground, feather meal, hair meal, cocoa husks <i>Pellets nitrogen fertilizer with fast and sustainable effect, for the promotion of healthy plants, active soil life and better fertility</i>
		OS	85 %	
		N	12,5 %	
Siforga Bio 10-1-3	Klasmann-Deilmann	DM	90 %	Feather meal, hair meal, molasses, vegetable materials from food-, beverage/ tobacco- and feed production
		OS	80 %	
		N	10 %	
		P2O5	1 %	
		K2O	3 %	
		CaO	2 %	
		MgO	0,5 %	
		S	1,5 %	
Spower® BioN	Spower	DM	100 %	Herbal substances from food production, Schwedokal 90 <i>Grain size 2-5 mm, spreading width up to 36 m, in 600 kg one-loop bigbag. Steady sulphur supply</i>
		OS	66,4 %	
		N	12 %	
		MgO	3 %	
		S	18 %	
Spower® BioN+	Spower	DM	100 %	Herbal substances from food production, sulphur, marine limestone, boric acid, copper sulphate, zinc sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply. Micronutrient supply via the root</i>
		OS	55,4 %	
		N	10 %	
		MgO	3 %	
		S	18 %	
		B	0,2 %	
		Cu	0,25 %	
		Mo	0,005 %	
		Zn	0,35 %	
Spower® BioNK	Spower	DM	100 %	Herbal substances from food production <i>Grain size 2-5 mm, spreading width up to 36 m, in 600 kg one-loop bigbag. Steady sulphur supply</i>
		OS	49,7 %	
		N	9 %	
		K2O	15 %	
		MgO	2 %	
		S	12 %	
Spower® BioNP	Spower	DM	100 %	Herbal substances from food production, soft ground rock phosphate, sulphur <i>Grain size 2-5 mm, spreading width up to 36 m, in 600 kg one-loop bigbag. Steady sulphur supply</i>
		OS	44,2 %	
		N	8 %	
		P2O5	8 %	
		S	14 %	
Spower® BioNP+	Spower	DM	100 %	Herbal substances from food production, soft ground rock phosphate, sulphur, zinc sulphate, boric acid, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply. Micronutrient supply via the root, also as row fertilizer</i>
		OS	44,2 %	
		N	8 %	
		P2O5	8 %	
		MgO	1,8 %	
		S	12 %	
		B	0,2 %	
		Mo	0,0035 %	
		Zn	0,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
Spower® BioNPK	Spower	DM	100 %	Herbal substances from food production, soft ground rock phosphate, zinc sulphate, copper sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply. Micronutrient supply via the root</i>
		OS	44,6 %	
		N	8 %	
		P2O5	5 %	
		K2O	8 %	
		MgO	2 %	
		S	10 %	
		Cu	0,25 %	
		Mo	0,005 %	
		Zn	0,35 %	
Spower® BioWiese+	Spower	DM	100 %	Herbal substances from food production, soft ground rock phosphate, sulphur, copper sulphate, zinc sulphate, manganese sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply</i>
		OS	33,33 %	
		N	6 %	
		P2O5	12 %	
		MgO	1,8 %	
		S	10 %	
		Cu	0,25 %	
		Mn	0,15 %	
		Mo	0,01 %	
		Zn	0,35 %	
StyriaFert N14	Agro Power	DM	93 %	Blood meal, feather meal, calcium carbonate
		OS	86 %	
		N	14 %	
		P2O5	0,5 %	
		CaO	4,5 %	
TERRAGON® Haarmehlpellets	hego	DM	90 %	Hair meal, pelletized
		OS	80 %	
		N	14 %	
		P2O5	0,6 %	
TERRAGON® Hornpellets	hego	DM	90 %	Steamed horn semolina 0-3 mm, pelletized
		OS	87 %	
		N	14 %	
		P2O5	0,5 %	
		CaO	1 %	
Wittrade Hornspäne	Wittrade	DM	mind. 88 %	Hoof and horn <i>Various sievings possible; also as pellet; steamed and raw products</i>
		OS	80-85 %	
		N	14 %	

## 1-2 Phosphorus-rich fertilizers (P)

Tradename	Company	Nutrient content		Composition, Remarks
DCM Eco-fos	Deutsche Cuxin	DM	90 %	Degelatinised bone meal, meat and bone meal, bone meal, cocoa husks
		OS	32 %	
		N	4 %	
		P2O5	23 %	
DEMETIAS III	Timac DE	P2O5	25 %	<i>Soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		Zn	0,19 %	
DEMETIAS V	Timac DE	P2O5	9 %	<i>PK fertiliser with soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		K2O	14 %	
		S	4,4 %	
		Zn	0,19 %	



Tradename	Company	Nutrient content		Composition, Remarks
DEMETIAS VI	Timac DE	P2O5	25 %	<i>Soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		Zn	0,19 %	
DOLOPHOS 15	DüKa	P2O5	15 %	Soft ground rock phosphate, calcium magnesium carbonate <i>Granulated or milled</i>
		CaO	36 %	
		MgO	7 %	
DOLOPHOS 26	DüKa	P2O5	26 %	Soft ground rock phosphate <i>Granulate</i>
		CaO	10 %	
		MgO	3 %	
FERTEOS IV	Timac DE	P2O5	17 %	<i>Mixture of marine limestone, soft ground rock phosphate and a stimulator of soil microbial activity based on vegetal extracts</i>
		CaO	39 %	
Hasolit® P18	Biolchim	P2O5	18 %	Soft ground rock phosphate, dolomite, marine algae
		CaO	42 %	
		MgO	6 %	
Humigras	Timac DE	P2O5	10 %	Calcium carbonate from the sea (shell limestone), soft ground rock phosphate
		CaO	29 %	
		MgO	7,5 %	
		S	6 %	
IMPULSE I	Timac DE	N	4 %	<i>NPK Organo-mineral fertilizer with a stimulator of growth / development of plants based on vegetal extracts</i>
		P2O5	2 %	
		K2O	2 %	
IMPULSE II	Timac DE	N	4 %	<i>NPK Organo-mineral fertilizer with a stimulator of growth / development of plants based on vegetal extracts</i>
		P2O5	2 %	
		K2O	6 %	
		MgO	3 %	
Litho-Physalg G18	Timac DE	P2O5	18 %	Calcium carbonate from the sea (shell limestone), soft ground rock phosphate <i>With a stimulator of activity of plants and microorganisms based on vegetal extracts</i>
		CaO	37 %	
		MgO	5 %	
P 26	Timac DE	P2O5	26 %	Soft ground rock phosphate
Physalg 25	Timac DE	P2O5	25 %	Soft ground rock phosphate <i>With a stimulator of activity of plants and microorganisms based on vegetal extracts</i>
PK 15-10+5 (2) MgO+ 5,2 S	Timac DE	P2O5	15 %	Soft ground rock phosphate <i>Soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		K2O	10 %	
		MgO	5 %	
		S	5,2 %	
Simply Fosforo	NUTRICROP	P2O5	20 %	Water, ground rock phosphat, thickener <i>Phosphorus-rich fertiliser</i> <i>Product sold in Spain</i>
Spower® BioP+	Spower	DM	100 %	Soft ground rock phosphate, sulphur, copper sulphate, zinc sulphate, manganese sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply</i>
		P2O5	18 %	
		CaO	28 %	
		S	10 %	
		Cu	0,42 %	
		Mn	0,2 %	
		Mo	0,032 %	
		Zn	0,6 %	

Tradename	Company	Nutrient content		Composition, Remarks
Spower® BioWiese	Spower	DM	100 %	Soft ground rock phosphate, sulphur <i>Grain size 2-5 mm, spreading width up to 36 m, in 600 kg one-loop bigbag. Steady sulphur supply</i>
		P2O5	18 %	
		CaO	36 %	
		S	10 %	

### 1-3 Potassium-rich fertilizers (K)

Tradename	Company	Nutrient content		Composition, Remarks
BIO K-25	BIAGRO	K2O	25 %	Potassium sulphate, water
BIOCAT-15	Atlántica Agrícola	K2O	4,5 %	Water, leonardite
Biorganic Kalimagnesia	Hauert MANNA	DM	100 %	Potassium sulphate, kieserite, gypsum
		K2O	29 %	
		MgO	10 %	
BioVeganoK	Veganosol	DM	46 %	Organic residual potato fruit water <i>Potash fertilizer, liquid; use in agriculture, fruit and vegetable growing</i>
		OS	65 %	
		N	1,95 %	
		P2O5	1,05 %	
		K2O	7,13 %	
DCM Vivikali	Deutsche Cuxin	DM	90 %	Vinasse extract, cocoa husks, soya oil cake meal, grapeseed oil cake meal, wet vinasse extract
		OS	35 %	
		N	2 %	
		K2O	20 %	
		Na	3 %	
		S	9 %	
DEMETIAS IV	Timac DE	K2O	12 %	<i>Kieserite with potassium sulphate, contains micro-nutrients with a stimulator of growth / development of plants based on vegetal extracts</i>
		MgO	8 %	
		S	10,4 %	
		B	0,2 %	
		Zn	0,19 %	
DEMETIAS V	Timac DE	P2O5	9 %	<i>PK fertiliser with soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		K2O	14 %	
		S	4,4 %	
		Zn	0,19 %	
FERTEOS II	Timac DE	K2O	29 %	<i>Mixture of magnesian limestone with potassium sulphate and calcium sulphate with stimulator of soil microbial activity based on vegetal extracts</i>
		CaO	3 %	
		MgO	10 %	
		S	11,2 %	
FLORAKAL® vital	Uniform	DM	80 (+/-3) %	Vinasse potassium
		OS	30-35 %	
		N	1-1,5 %	
		P2O5	0,2 (+/-0,2) %	
		K2O	20-26 %	
		CaO	0,5 (+/-0,2) %	
		MgO	0,2 (+/-0,1) %	
		Na	2 (+/-1) %	
		S	10 (+/-2) %	
Gärtner's Patentkali® - Kalimagnesia 5 kg	gpi green partners international	K2O	30 %	
		MgO	10 %	
		S	17 %	

Tradename	Company	Nutrient content		Composition, Remarks
HORTISUL®	K+S Minerals and Agriculture	K2O	52 %	Potassium sulphate <i>The potassium foliar fertilizer for chloride-sensitive crops</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	18 %	
INPULSE I	Timac DE	N	4 %	<i>NPK Organo-mineral fertilizer with a stimulator of growth / development of plants based on vegetal extracts</i>
		P2O5	2 %	
		K2O	2 %	
INPULSE II	Timac DE	N	4 %	<i>NPK Organo-mineral fertilizer with a stimulator of growth / development of plants based on vegetal extracts</i>
		P2O5	2 %	
		K2O	6 %	
		MgO	3 %	
Kalipro	Knoll	DM	65 %	Straw ash
		N	0,15 %	
		P2O5	1,1 %	
		K2O	5,4 %	
		CaO	11,1 %	
		MgO	0,6 %	
KALISOP® "fein" max. 1,0 % Cl	K+S Minerals and Agriculture	K2O	50 %	Potassium sulphate <i>Natural potassium sulphate from crude salt</i>
		S	18 %	
KALISOP® gran. max. 1,0 % Cl	K+S Minerals and Agriculture	K2O	50 %	Potassium sulphate <i>Natural potassium sulphate from crude salt</i>
		S	18 %	
KALISOP® Premium gran.	K+S Minerals and Agriculture	K2O	50 %	Potassium sulphate
		S	17,5 %	
MICROCAT BON	Atlántica Agrícola	K2O	7 %	Potassium sulphate
MICROCAT FLIC	Atlántica Agrícola	K2O	6 %	Potassium sulphate
Organic Plant Feed (short OPF) pro 3-2-7	Yves Kessler	N	3 %	Fermented residuals from molasses
		P2O5	2 %	
		K2O	7 %	
Patent-Kali 5 kg	gpi green partners international	K2O	30 %	Potassium sulphate and kieserite
		MgO	10 %	
		S	17 %	
Patentkali® "gran"	K+S Minerals and Agriculture	K2O	30 %	Potassium sulphate and kieserite (also known as 'potassium-magnesia') <i>The classic; for highest quality in the cultivation of potatoes, fruits and vegetables</i>
		MgO	10 %	
		S	17 %	
Patentkali® + Bor	K+S Minerals and Agriculture	K2O	30 %	Potassium sulphate, boron
		MgO	8 %	
		S	16,4 %	
		B	0,5 %	
PB Liquid 5-2-5	Dacam	N	5,2 %	Fermented plant material
		P2O5	2 %	
		K2O	5,1 %	
PK 15-10+5 (2) MgO+ 5,2 S	Timac DE	P2O5	15 %	Soft ground rock phosphate <i>Soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		K2O	10 %	
		MgO	5 %	
		S	5,2 %	

Tradename	Company	Nutrient content		Composition, Remarks
Polysulfat	ICL Fertilizers	DM	99,5 %	Calcium sulphate, potassium sulphate, magnesium sulphate, sodium chloride
		K2O	14 %	
		CaO	17 %	
		MgO	6 %	
		Na	2 %	
		S	19 %	
		B	0,01 %	
rhizovit excelis Laster E-Plus	Timac Agro	K2O	14 %	Potassium salt
SANBIO® PLANTA	Sanbos	DM	72 %	Epsom salt, extract from algae, bacterial solution
		OS	48 %	
		N	1,27 %	
		K2O	10,4 %	
		MgO	12,2 %	
		Na	3,04 %	
		S	11,4 %	
Solu-K 52	Salinen Austria	DM	99,9 %	Potassium sulphate
		K2O	52 %	
		S	18 %	
soluSOP® 52 organic	K+S Minerals and Agriculture	K2O	52 %	Potassium sulphate
		S	18 %	
Spower® BioK+	Spower	DM	100 %	Sulphur, zinc sulphate, copper sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply. Micronutrient supply via the root</i>
		K2O	44 %	
		MgO	2 %	
		S	13,5 %	
		B	0,1 %	
		Cu	0,25 %	
		Mn	0,05 %	
		Mo	0,005 %	
		Zn	0,35 %	
		SiO2	1,5 %	
		Vinasse Extrakt 30	SF Soepenbergr	
OS	15 %			
K2O	30 %			
S	12,5 %			
Vinasse-Kalisulfat	Prohama	DM	> 98 %	Vinasse potassium
		OS	35-40 %	
		N	0,7 %	
		K2O	40 %	
		S	20 %	

#### 1-4 Multinutrient fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
Activit 4-3-2	Ferm O Feed	DM	90 %	Chicken manure from free range production
		OS	62 %	
		N	3,6 %	
		P2O5	2,8 %	
		K2O	2,2 %	
		CaO	9,8 %	
		MgO	1,5 %	
Agrodünger 80	Schneider	CaO	40 %	Calcium carbonate, silicon, magnesium carbonate <i>Moistened calcium carbonate with magnesium</i>
		MgO	5 %	
		SiO2	20 %	

Tradename	Company	Nutrient content		Composition, Remarks
Agrodünger 90	Schneider	CaO	45 %	Calcium carbonate, magnesium carbonate, silicon <i>Lime meal, dry</i>
		MgO	5 %	
		SiO <sub>2</sub>	10 %	
Alginure® Anspritz-Fertig	Tilco	DM	81,7 %	Alginure® Bodengranulat 1 (soil granulate), bentonite, calcium carbonate, wheat starch, EPSO Top (epsom salt)
		OS	25,4 %	
		K <sub>2</sub> O	1,5 %	
		MgO	3 %	
		Na	1,5 %	
		S	1 %	
Alginure® Bodengranulat 1	Tilco	OS	33 %	Brown algae preparation, talc
		K <sub>2</sub> O	4,5 %	
		MgO	1 %	
		Na	1,7 %	
		S	1,2 %	
Alginure® TRI-X	Tilco	DM	79,3 %	Alginure® Bodengranulat 1 (soil granulate), bentonite, EPSO Top (epsom salt), calcium carbonate
		OS	23,6 %	
		N	0,5 %	
		P <sub>2</sub> O <sub>5</sub>	0,1 %	
		K <sub>2</sub> O	2,5 %	
		MgO	4 %	
		S	3,5 %	
AMINOPOOL Vegetal	Protan AG	DM	90 %	<i>Saccharomyces cerevisiae</i> <i>Mycelium biomass, suitable for soil and leaf application</i>
		OS	81 %	
		N	11,5 %	
		P <sub>2</sub> O <sub>5</sub>	1,5 %	
		K <sub>2</sub> O	3,5 %	
		CaO	2,1 %	
		MgO	0,35 %	
		S	0,6 %	
AMN® Natural Aktiv - bio	Mack	OS	60 %	Cocoa husks, feathers, vinasse, bristles, meat and bone meal, hoofs, bonemeal, grape marc <i>Soil improvement, balanced fertilization and mycorrhiza in an optimal environment</i>
		N	7 %	
		P <sub>2</sub> O <sub>5</sub>	3 %	
		K <sub>2</sub> O	7 %	
		B	14 mg/kg	
		Cu	15 mg/kg	
		Fe	510 mg/kg	
		Mn	31 mg/kg	
		Mo	1 mg/kg	
		Zn	112 mg/kg	
AMN® Natural Aktiv - bio bio	Mack	OS	60 %	Cocoa husks, vinasse, feathers, bristles, hoofs, grape marc <i>Soil improvement, balanced fertilization and mycorrhiza in optimal environment, without bone meal</i>
		N	7 %	
		P <sub>2</sub> O <sub>5</sub>	3 %	
		K <sub>2</sub> O	7 %	
		CaO	4 %	
		MgO	1 %	
AMN® Natural Vegetal	Mack	N	6 %	Vegetable materials from food-, beverage/ tobacco- and feed production, oil cake meal (soja), wheat gluten flour, vinasse, cocoa husks, rock phosphate, Glomus sp. and Bacillus sp. <i>Purely vegetable. Improving growth through mycorrhiza and Bacillus amyloliquefaciens</i>
		P	2 %	
		K	6 %	

Tradename	Company	Nutrient content		Composition, Remarks
AND Amino Nährstoff Dynamik	Carbuna	OS	52,2 %	Vinsasse, water, molasses
		N	4,5 %	
		P2O5	0,6 %	
		K2O	3,9 %	
		S	0,45 %	
AOC 60	AGRO INNOVATION	DM	70 %	Grape pulp
		OS	60 %	
		N	1,7 %	
		P2O5	0,6 %	
Azet® PROFI BaumDünger	Progema	OS	60 %	Fungi substrate, feather meal, bone meal, leather meal, vegetable substances, microorganisms (Bacillus amyloliquefaciens, B. licheniformis, B. megaterium, B. pumilus, Rhizophagus irregularis, ektomykorrhiza species)
		N	7 %	
		P2O5	3 %	
		K2O	10 %	
		MgO	0,4 %	
		Na	2 %	
		S	5 %	
		Fe	0,7 %	
Azet® PROFI RasenDünger	Progema	OS	70 %	Feather meal, fungi substrate, vegetable substances, leather meal, bone meal, microorganisms (Bacillus amyloliquefaciens, B. licheniformis, B. megaterium, B. pumilus, Rhizophagus irregularis)
		N	9 %	
		P2O5	3 %	
		K2O	5 %	
		Na	1 %	
		S	3 %	
		Fe	0,2 %	
Azet® PROFI RhododendronDünger	Progema	OS	70 %	Bone meal, feather meal, fungi substrate, vegetable substances, leather meal, microorganisms (Bacillus amyloliquefaciens, B. licheniformis, B. megaterium, B. pumilus, Rhizophagus irregularis, Hymenoscyphus ericae, Oidiodendron spp.)
		N	7 %	
		P2O5	3 %	
		K2O	5 %	
		Na	1,5 %	
		S	3 %	
Azet® PROFI RosenDünger	Progema	OS	63 %	Feather meal, bone meal, vegetable substances, fungi substrate, leather meal, microorganisms (Bacillus amyloliquefaciens, B. licheniformis, B. megaterium, B. pumilus, Rhizophagus irregularis)
		N	7 %	
		P2O5	7 %	
		K2O	5 %	
		MgO	0,4 %	
		Na	2 %	
		S	3 %	
Betavit®-Bio	Agronaps	DM	53 %	Vinsasse, plant extract
		OS	44 %	
		N	5 %	
		K2O	2 %	
BF sheep wool pellets	Baltic Fert	DM	97,5 %	Sheep wool, potassium
		N	8,9 %	
		K2O	11,3 %	
BIAL MICRO	BIAGRO			Liquid fertiliser with copper, manganese and zinc complexed with lignin sulphonate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
Bio 1 Substratdünger	Hauert MANNA	DM	95 %	Dolomitic lime, maize protein, rapeseed cake meal, horn meal, herbal mixture, meat and bone meal, vinsasse potassium, mult culms
		OS	60 %	
		N	9 %	
		P2O5	2 %	
		K2O	5 %	
		MgO	1 %	

Tradename	Company	Nutrient content		Composition, Remarks
BIO Symbio	Maltaflor	DM	93 %	Maltaflor BIO, endomycorrhiza
		N	3,5 %	
		P2O5	0,5 %	
		K2O	1 %	
		S	2 %	
BioAgenasol	AGRANA	DM	90 %	Distillers dried grains from ethanol production, residual molasses, potato nitrogen concentrate, Corn Steep Liquor
		OS	85 %	
		N	6 %	
		P2O5	3 %	
		K2O	2 %	
BioAgenasol	Biofa	DM	90 %	Distillers dried grains from ethanol production, maize steeping liquor, residual molasses, potato nitrogen concentrate <i>Purely vegetable</i>
		OS	85 %	
		N	6 %	
		P2O5	3 %	
		K2O	2 %	
biofiMUM 80 plus	Schneider	CaO	40 %	Calcium carbonate, silicon, magnesium carbonate <i>Disolves floating and sinking layers entirely, binds odours and makes composite manure out of slurry; 500 kg bigbag or delivery with silo truck</i>
		MgO	5 %	
		SiO2	20 %	
biofiMUM Schwefel 22	Schneider	DM	99,8 %	Sulphur, calcium carbonate <i>Water soluble calcium with sulphate sulphur available for all spread techniques and as foliar fertilizer; 25 kg sack</i>
		S	22 %	
bioGemüsedünger vegan	meinBiogarten	DM	90 %	Vegetable substances from agriculture, food and luxury food production, natural minerals, microorganisms <i>Organic fertilizer - guaranteed without animal ingredients</i>
		OS	65 %	
		N	6 %	
		P2O5	3 %	
		K2O	4,5 %	
		MgO	1,5 %	
		S	3 %	
BioHealth® TH BS	Humintech	OS	49,8 %	Potassium humate, Trichoderma harzianum, Bacillus subtilis, algae extracts
		N	1,45 %	
		K2O	12,1 %	
		Na	0,88 %	
		Fe	0,79 %	
Bio-Kompost-Beschleuniger	gpi green partners international	OS	33 %	Fermentation residues, karite, bone meal, vinasse potassium, vinasse, primary rock meal, dejecta of worms (vermicompost) <b>Not to be applied to edible parts of the crop</b>
		N	4 %	
		P2O5	3 %	
		K2O	3 %	
		CaO	23 %	
		MgO	10 %	
		S	1,2 %	
Bio-Kraftdünger N-K 7-2	Biovin	N	7 %	Vegetable substances from food production <i>Without vinasse</i>
		K2O	2 %	
Bio-Langzeitdünger	Biovin	DM	73,6 %	Grape marc compost
		OS	63 %	
		N	3 %	
		P2O5	1 %	
		K2O	3,3 %	
		MgO	0,22 %	
		S	0,26 %	
		Fe	0,24 %	

Tradename	Company	Nutrient content		Composition, Remarks
Bionalla	Keyzers	DM	100 %	Fermented molasses residuals
		OS	28 %	
		N	11 %	
		P2O5	0,5 %	
		K2O	5 %	
		MgO	0,45 %	
		S	3,7 %	
Biorga Bodenaktivator	Hauert MANNA	DM	95 %	Plant substances from the production of food, semiluxury food and animal feed, carbonic acid magnesium lime, clay minerals
		OS	40 %	
		N	3 %	
		P2O5	1 %	
		K2O	3 %	
Biorga NK flüssig	Hauert MANNA	OS	300 g/l	Vinsasse
		N	4,5 %	
		K2O	5,3 %	
Biorga Organos	Hauert MANNA	DM	93 %	Horn meal, feather meal, meat and bone meal, vinsasse potassium, dolomitic lime, meal from rape cake, malt culms
		OS	62 %	
		N	9,5 %	
		P2O5	2 %	
		K2O	4 %	
		MgO	1,6 %	
Biorga Plumos	Hauert MANNA	DM	90 %	Feather meal, meat and bone meal, horn meal, rapeseed cake meal
		OS	75 %	
		N	12 %	
		P2O5	3 %	
Biorga Vegi	Hauert MANNA	DM	95-98 %	Rapeseed oil, malt sprouted seeds, vinsasse potassium (ferm), corn gluten
		OS	70 %	
		N	5 %	
		P2O5	1 %	
		K2O	5 %	
Biorga Vianos	Hauert MANNA	DM	90 %	Meat and bone meal, feather meal, vinsasse potassium
		OS	70 %	
		N	9 %	
		P2O5	9,5 %	
		K2O	0,6 %	
		CaO	12 %	
Biorga Vino	Hauert MANNA	DM	89 %	Feather meal, meat and bone meal, vinsasse potassium, kieserite, horn meal, malt culms, dolomitic lime
		OS	57 %	
		N	8,5 %	
		P2O5	3 %	
		K2O	6 %	
		MgO	2,5 %	
		Biorganic Total	Hauert MANNA	
OS	60 %			
N	10 %			
P2O5	2 %			
K2O	4 %			
CaO	4,8 %			
S	1,9 %			



Tradename	Company	Nutrient content		Composition, Remarks
BIOSOL	SW-Düngesysteme	DM	92 %	Fungal biomass
		OS	85 %	
		N	7 %	
		P2O5	1 %	
		K2O	>0,5 %	
		CaO	>0,2 %	
		Na	0,5 %	
		S	>0,3 %	
Biostercus	M4 Bio	DM	90 %	Horse manure, vinasse <i>2,5 / 5 / 10 / 12,5 / 20 / 25 kg sack and delivery as bulk goods and BigBag</i>
		OS	77 %	
		N	6,1 %	
		P2O5	1,5 %	
		K2O	4,2 %	
Biota-NPK	Biota Nutri	N	3 %	Enzymatic hydrolysed plant material
		P2O5	3 %	
		K2O	3 %	
Biovin®	Plant Health Cure	DM	87,6 %	Grape mark
		OS	68,9 %	
		N	2,35 %	
		P2O5	0,57 %	
		K2O	2,39 %	
		CaO	1,32 %	
		MgO	0,32 %	
Biovin® granular	Plant Health Cure	DM	83,8 %	Humified grape mark, inert ingredients, minerals, fulvic dry <i>Biovin in granular form</i>
		OS	23,7 %	
		N	0,85 %	
		P2O5	0,2 %	
		CaO	0,9 %	
BLATTWERK Core	Biofabrik	DM	90 %	Alfalfa, water <i>Pure plant based product from EU countries</i>
		OS	90,1 %	
		N	3,1 %	
		P2O5	0,6 %	
		K2O	2,4 %	
		S	0,3 %	
		Fe	0,6 %	
BLATTWERK Pure	Biofabrik	DM	30 %	Plant based protein hydrolyzate and plantbased amino acids <i>Purely plant based product</i>
		N	1,3 %	
		P2O5	0,7 %	
		K2O	5,3 %	
		CaO	0,15 %	
Buhck Regio Dünger	Buhck	DM	74,44 %	RAL finished compost, wood ash
		OS	6,46 %	
		N	0,22 %	
		P2O5	0,60 %	
		K2O	1,12 %	
		CaO	5,97 %	
		MgO	0,63 %	
		S	0,04 %	
		Cu	60 mg/kg	
		Zn	80,40 mg/kg	

Tradename	Company	Nutrient content		Composition, Remarks
CarboDünger	EM Technologie- zentrum	DM	41,1 %	Vinasse, living microorganisms (lactic acid bacteria, yeasts, photosynthetic bacteria), sugar molasse, vegetable carbon <i>Fertiliser containing active microorganisms and plant extracts</i> <b>The component 'vegetable carbon' is not considered compliant with the EC Eco-Regulation in every German federal state</b>
		N	1,8 %	
		P2O5	0,3 %	
		K2O	1,9 %	
		S	0,7 %	
		Cu	0,04 %	
		Zn	0,05 %	
Carbon Vital +	Knapkon	DM	90 %	Vegetable substances from the production of food, luxury food or animal feed (grape marc, malt sprouts, vinasse), coal (charcoal from natural wood), limestone, living microorganisms (Lactobacillus, Rhodopseudomonas, Saccharomyces) <b>The component 'charcoal' is not considered compliant with the EC-Eco-Regulation in every German federal state</b>
		OS	70 %	
		N	3 %	
		P2O5	1 %	
		K2O	1,5 %	
		CaO	6 %	
		S	0,5 %	
Carbon Vital+ NPK	Knapkon	DM	90 %	Vegetable substances from the production of food, luxury food or animal feed (grape pomace, vinasse), coal (charcoal from natural wood), living microorganisms (Lactobacillus, Rhodopseudomonas, Saccharomyces) <i>Carbon depot fertilizer for fertilization based on plant, natural mineral substances, plant charcoal and regenerative microorganisms</i> <b>The component 'charcoal' is not considered compliant with the EC-Eco-Regulation in every German federal state</b>
		OS	70 %	
		N	6 %	
		P2O5	2 %	
		K2O	2 %	
		S	2 %	
CarbonVital+ Spezial	Knapkon	N	6 %	Vegetable substances from the production of food, luxury food or animal feed (grape pomace, vinasse), coal (charcoal from natural wood), living microorganisms (Lactobacillus, Rhodopseudomonas, Saccharomyces) <i>Carbon depot fertilizer for fertilization based on plant, natural mineral substances, plant charcoal and regenerative microorganisms</i> <b>The component 'charcoal' is not considered compliant with the EC-Eco-Regulation in every German federal state</b>
		P2O5	3 %	
		K2O	6 %	
Cereavit®-Bio	Agronaps	DM	40 %	Plant extract
		OS	32 %	
		N	2 %	
		K2O	3 %	
CERIC	Orgaeco	DM	88,9 %	Ricinus pressed cake, plant ash
		OS	65 %	
		N	4 %	
		P2O5	2 %	
		K2O	4 %	

Tradename	Company	Nutrient content		Composition, Remarks
CombiPost BIO	COMEF	DM	88 %	Mushroom substrate
		N	2 %	
		P2O5	3,6 %	
COMPLEX AID	Solbiosur	DM	42,8 %	
		OS	76,5 %	
		N_total	2 %	
Cuxin DCM Organasan	Deutsche Cuxin	DM	90 %	Feather meal, meat and bone meal, vinasse extract, cocoa husks, bone meal, hoof meal, bristles, wet vinasse extract, grape seed oil meal, blood meal
		OS	58 %	
		N	6 %	
		P2O5	6 %	
		K2O	9 %	
		Na	2 %	
		S	5 %	
dalcon	SAS	N	2,75 %	Molasses
DCM Eco-Mix 1	Deutsche Cuxin	DM	90 %	Meat and bone meal, bristle meal, hoof meal, feather meal, bone meal, cocoa husks, grapeseed oil cake, vinasse extract, wet vinasse extract, blood meal
		OS	65 %	
		N	9 %	
		P2O5	5 %	
		K2O	3 %	
		Na	0,7 %	
		S	1,2 %	
DCM Eco-Mix 4	Deutsche Cuxin	DM	90 %	Bone meal, feather meal, meat and bone meal, vinasse extract, bristle meal, hoof meal, wet vinasse-extract, degelatinised bone meal, blood meal, cocoa husks
		OS	50 %	
		N	7 %	
		P2O5	7 %	
		K2O	10 %	
		Na	2,2 %	
		S	5,9 %	
DCM Eco-Plant 7	Deutsche Cuxin	DM	90 %	Meal from soya oil cake, wheat gluten meal, cocoa husks, rock phosphate, wet vinasse extract, meal from grapeseed oil cake, vinasse extract, Bacillus amyloliquefaciens
		OS	69 %	
		N	6 %	
		P2O5	3 %	
		K2O	4 %	
		Na	0,7 %	
		S	2 %	
DCM Eco-Xtra 1	Deutsche Cuxin	DM	90 %	Bristle meal, hoof meal, meat and bone meal, vinasse extract, plant extract (tanning agent), meal from oilcake (soya), bone meal, degelatinised bone meal, feather meal, meal from oilcake (grape seeds)
		OS	60 %	
		N	8 %	
		P2O5	5 %	
		K2O	6 %	
		Na	1,1 %	
		S	2,8 %	
DCM NPK 9-4-3	Deutsche Cuxin	DM	90 %	Bristle meal, horn, rock phosphate, cocoa husks, vinasse extract, primary rock meal, wet vinasse extract, seaweed meal, meal from oil cake (grape seeds), meal from oil cake (soya)
		OS	65 %	
		N	9 %	
		P2O5	4 %	
		K2O	3 %	
DCM ProLico 2	Deutsche Cuxin	N	2,3 %	Vinasse
		K2O	6 %	
DCM VISCOTEC BLUE	Deutsche Cuxin	DM	60 %	Vegetable amino acid, citric acid, potassium sulphate, xanthan gum
		N	9 %	
		K2O	5 %	
		S	2,3 %	

Tradename	Company	Nutrient content		Composition, Remarks
DCM Vivisol	Deutsche Cuxin	DM	90 %	Meal from oil cake (grape seeds), cake from grape seeds, cocoa husks, green-lime, vinasse, meal from oil cake (soya), Bacillus amyloliquefaciens
		OS	70 %	
		N	2,5 %	
		P2O5	1 %	
		K2O	4 %	
		MgO	2 %	
		S	2,1 %	
DCM Vivisol Minigran	Deutsche Cuxin	DM	90 %	Oil cake (grape seeds), cocoa husks, green-lime, wet vinasse extract, meal from oilcake (soya), Bacillus amyloliquefaciens
		OS	70 %	
		N	2 %	
		P2O5	1 %	
		K2O	4 %	
		MgO	2 %	
		S	1,3 %	
DER WOLLDÜNGER	Rötberghof	DM	93,3 %	Raw sheep wool, lime
		OS	83,1 %	
		N	10 %	
		P2O5	0,2 %	
		K2O	5 %	
		MgO	0,2 %	
		S	1,8 %	
DOLOSUL 10 + 6 granuliert	DüKa	CaO	25 %	Calcium sulphate, calcium magnesium carbonate
		MgO	6 %	
		S	10 %	
Herbal compound fertilizer	Ecosus	DM	89 %	Fermented corn residue, leonardite, bentonite, calcium carbonate, magnesium carbonate, potassium sulphate, silicon, microorganisms <i>Complete plant fertilizer for all crops; rich in trace elements and with active complex for improved nutrient storage and absorption; low chloride content</i>
		OS	62,2 %	
		N	4 %	
		P2O5	2,2 %	
		K2O	2,8 %	
		CaO	5,5 %	
		MgO	1,2 %	
S	1,4 %			
EMIKO® MikroDünger	EMIKO	OS	40 %	Vinasse, water, sugar cane molasses, brine, microorganisms
		N	3 %	
		P2O5	0,23 %	
		K2O	7,93 %	
		MgO	0,15 %	
		S	0,4 %	
Engelharts vegetarisch	Engelhart	DM	88,9 %	Feather meal, horn meal and horn flour, grape marc, cocoa husks, vegetable potash, pressed grass juice <i>Fast availability through fermentation</i>
		OS	77,3 %	
		N	7 %	
		P2O5	2 %	
		K2O	7 %	
		MgO	0,5 %	
EPPINGER Biodünger	Eppinger	DM	100 %	Animal auxiliaries, primary rock powder, phyto meal, meat and bone meal, potassium from vinasse, fine kieserite, plant materials from food processing, endomycorrhizal fungi
		OS	50 %	
		N	6 %	
		P2O5	2,5 %	
		K2O	5 %	
		CaO	4 %	
		MgO	2 %	
S	3,5 %			
EPSO Bortop®	K+S Minerals and Agriculture	MgO	12,6 %	Epsom salt, boric acid
		S	10 %	
		B	4 %	

Tradename	Company	Nutrient content		Composition, Remarks
EPSO Combitop®	K+S Minerals and Agriculture	MgO	13 %	Magnesium sulphate with manganese and zinc <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13,6 %	
		Mn	4 %	
		Zn	1 %	
EPSO Microtop®	K+S Minerals and Agriculture	MgO	15 %	Magnesium sulphate with boron and manganese <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	12,4 %	
		B	0,9 %	
		Mn	1 %	
Falter's SCHAFWOLLE PELLETS	Falter & Steiner	DM	95 %	Sheep wool <i>High-quality organic compound fertilizer. Promotes humus formation and water storage capacity in the soil, makes the soil fertile in a natural way</i>
		OS	85 %	
		N	10 %	
		P2O5	0,5 %	
		K2O	6,6 %	
FARMPHYTO®	Farmgreen	DM	10 %	Plant materials from food and feed processing, microorganisms
		OS	7 %	
		N	0,7 %	
		K2O	0,5 %	
FARMTERRA®	Farmgreen	DM	4 %	Plant materials from food and feed processing, mikroorganisms
		OS	2 %	
		N	0,1 %	
		K2O	0,3 %	
FERTICROP	NUTRICROP	N	2 %	<i>Organic fertiliser with low chloride content. Nitrogen Isotopic footprint verified</i>
		K2O	5 %	
FERTIGOLD 4-2-10	Fertikal	DM	88 %	Poultry manure, potassium sulphate <i>Organic fertilizer - pellets rich in potassium</i>
		OS	53 %	
		N	4 %	
		P2O5	1,8 %	
		K2O	10 %	
		CaO	8 %	
		MgO	0,5 %	
Fertikal 10-2-2	Fertikal	DM	90 %	Feather meal, plant material, fermented molasses <i>Slowly effective organic fertilizer with high N-content</i>
		OS	74 %	
		N	10 %	
		P2O5	2 %	
		K2O	2 %	
		CaO	7,3 %	
		S	0,9 %	
FERTIPURE	Fertikal	DM	88 %	Poultry manure (processed) <i>Organic fertiliser pellets (NPK 4-3-3)</i>
		OS	65 %	
		N	4 %	
		P2O5	3 %	
		K2O	3 %	
		CaO	9 %	
		MgO	1 %	
		Na	max. 0,4 %	
		S	0,3 %	

Tradename	Company	Nutrient content		Composition, Remarks
FERTISOIL	Fertikal	DM	88 %	Chicken manure, spent mushroom substrate <i>Slow release organic fertilizer</i>
		OS	62 %	
		N	2 %	
		P2O5	3,6 %	
		K2O	3,5 %	
		CaO	6 %	
		MgO	1 %	
fioran Bio	BioMyCel	N	4 %	Malt culms, vegetable substances, vinasse potassium, mycorrhiza
		P2O5	2 %	
		K2O	5 %	
fioran Bio-Grow	BioMyCel	N	4 %	Malt culms, vegetable materials from food-, beverage/tobacco- and feed production, vinasse potassium, liquid vinasse, mycorrhiza
		P2O5	2 %	
		K2O	5 %	
fivo plant NPK	ökohum GmbH	OS	89 %	Sheep wool, post-extraction rapeseed meal, olive pomace, phyto meal, horn shavings, vinasse
		N	6 %	
		P2O5	3 %	
		K2O	7 %	
		CaO	4,2 %	
		MgO	1,7 %	
		S	3 %	
Gartenkrone Universal Dünger Bio 2,5 kg	gpi green partners international	OS	60 %	Phyto meal, potassium sulphate, kieserite
		N	5 %	
		P2O5	4 %	
		K2O	8 %	
		MgO	3 %	
		S	4 %	
Gartenkrone Universal Dünger Bio flüssig 1 L	gpi green partners international	DM	68 %	Vinasse
		OS	48 %	
		N	4,5 %	
		K2O	6 %	
		Na	2,5 %	
Gärtner's Bio Kräuter- und Tomatendünger 1 L	gpi green partners international	DM	68 %	Sugar beet molasses
		OS	50 %	
		N	4,5 %	
		K2O	6 %	
		Na	2,5 %	
Gärtner's Bio Rasendünger	gpi green partners international	OS	88 %	Horn meal, phyto meal, bone meal, karite, fermentation residues, vinasse, primary rock meal <b>Not to be applied to edible parts of the crop</b>
		N	7 %	
		P2O5	3 %	
		K2O	1 %	
Gemüse- und Kräuter-Dünger für den Biogarten flüssig 1 L	gpi green partners international	OS	56 %	Sugar beet molasses
		N	4,5 %	
		K2O	6 %	
Gemüsedünger für den Biogarten 2,5 kg	gpi green partners international	DM	95 %	Phyto meal, potassium sulphate, kieserite
		OS	55 %	
		N	5 %	
		P2O5	3 %	
		K2O	8 %	
		MgO	0,4 %	
		S	4,3 %	

Tradename	Company	Nutrient content		Composition, Remarks
GreatOrganics Bio	Greenduck	DM	98 %	Dry stillage (DDGS-corn) with residual molasses, PNC, CSL, ground sea shell limestone, baked clay granulate, Perlhumus granulate, compost tea <i>A wide spectrum of concentrated, beneficial aerobic microbiology transforms nutrients in a plant-compatible form and loosens denser areas</i>
		OS	57 %	
		N	2,9 %	
		P2O5	1,2 %	
		K2O	1,6 %	
		CaO	11 %	
GreenFit Boden-BioAktiv	Yves Kessler	DM	0,075 %	Pomace, fermented in phases
		N	0,29 %	
		P2O5	0,011 %	
		K2O	0,032 %	
Grüner Jan Naturdünger	gpi green partners international	OS	53 %	Karite, fermentation residues, horn meal, bone meal, dolomitic lime, vinasse potassium, vinasse <b>Not to be applied to edible parts of the crop</b>
		N	5 %	
		P2O5	4 %	
		K2O	6 %	
		CaO	8 %	
		MgO	2 %	
		S	3,5 %	
Herbie 82	Thatchtec	DM	90-95 %	Plant material
		N	2,8-3,6 %	
		P	1,2 %	
		K	1,4 %	
HF-Natrel Comp	Wenz GmbH	Cu	2 %	Copper, iron, manganese and zinc as complex of lignin sulphonate, molybdenum <i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Fe	2 %	
		Mn	5 %	
Humeen Niem Dünger	Moser Niem-Handel	DM	92 %	Neem pressed cake, neem seeds <i>Contains the entire range of properties of the Neem tree (Azadirachta indica) in a mixture of neem seeds and press cake</i>
		OS	84 %	
		N	3,5 %	
		P2O5	1,5 %	
		K2O	2 %	
		S	1 %	
Humisol G	Agrostim	DM	0,5 %	Liquid humus concentrate enriched with trace elements <i>Improves defence mechanisms especially in cereals, grass, fruit growing, improves quality and nutrient uptake</i>
		OS	20 %	
		N	150 mg/l	
		P2O5	> 3 %	
		K2O	> 25 %	
HYDRACUP	BIAGRO	Cu	2 %	Copper and zinc fertilizer <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Zn	4 %	
ILVERDE	ILSA S.p.A.			Vegetal cakes, potassium sulphate, soft ground rock phosphate
ITALPOLLINA	Italpollina	DM	88 %	Chicken manure <i>Without the addition of foreign substances and binders</i>
		OS	70 %	
		N	4 %	
		P2O5	4 %	
		K2O	4 %	
		CaO	5 %	
		MgO	1 %	

Tradename	Company	Nutrient content		Composition, Remarks
KaliVinasse SF	SF Soepenber	DM	45-60 %	Molasses, concentrated sugar beet juice
		OS	ca. 85 %	
		N	1,8-3 %	
		P2O5	0,1-0,5 %	
		K2O	3,5-6 %	
		MgO	0,1-0,5 %	
		S	0,5-1 %	
KALVIN50	Nordzucker	OS	41 %	Vinasse, rich in potassium <i>Organic NPK fertiliser (Annex 1, Section 3, Fertiliser regulation, Germany)</i> <i>Vinasse from bioethanol production based on different sugar solutions of the sugar beet</i>
		N	2,9 %	
		P2O5	0,8 %	
		K2O	4 %	
		MgO	0,4 %	
KleePura Profi	grünerdüngen	DM	91 %	Organic clover pellets <i>100 % of the components come from organic agriculture, ground and pelletized - mineralizes quickly</i>
		OS	90 %	
		N	3,5 %	
		P2O5	0,8 %	
		K2O	3,4 %	
		CaO	1,7 %	
		MgO	0,49 %	
Maltaflor® BIO	Maltaflor	DM	90 %	Malt culms, vinasse potassium sulphate, vinasse <i>With carbohydrates for soil stimulation</i>
		OS	70 %	
		N	4 %	
		P2O5	1 %	
		K2O	5 %	
		S	1 %	
MaxGREEN NEXT	INTERTIM	DM	94,21 %	Leonardite, neem pressed cake, karanja cake
		OS	70,26 %	
		N	2,9 %	
		S	1,98 %	
MEERKALK S+	Hechenbichler	CaO	46 %	Lime carbonate, sulphur <i>Grained, 2-5 mm, low dust level, from high-quality, quickly effective chalk</i>
		MgO	1 %	
		S	9 %	
Meerwunder SEETANG GRANULAT	Snoek GmbH	DM	86-92 %	Grinded algae ( <i>Ascophyllum nodosum</i> ) <i>For soil improvement and revitalisation of nutrient-poor, overburdened soils, especially with regard to trace elements. For the enrichment of compost</i>
		N	0,8-1,5 %	
		K2O	1-2 %	
		CaO	1-3 %	
		S	< 2 %	
MikroVeda GARTENBOKASHI	MikroVeda	N	1,3 %	Grain bran and -husks, MikroVeda Farming (microorganisms), calcium magnesium carbonate
		P2O5	1,75 %	
		K2O	1,02 %	
MixProf Extra Substrate 3 NPK 9-3-3	Rendapart	DM	90 %	Vinasse extract, feather meal, cocoa husks, meat and bone meal, blood meal
		N	9 %	
		P2O5	3 %	
		K2O	3 %	
MixProf Extra Substrate Fertisoil	Rendapart	OS	40 %	Meal of grapeseeds, cacao husks, meat and bone meal, dried seaweed meal, vinasse extract
		N	3 %	
		P2O5	2 %	
		K2O	3 %	



Tradename	Company	Nutrient content		Composition, Remarks
Monterra Bio Chicken 3,7-2,9-2,3	Klasmann- Deilmann	DM	90 %	Organic chicken manure
		OS	65 %	
		N	3,7 %	
		P2O5	2,7 %	
		K2O	2,3 %	
		CaO	11 %	
		MgO	1 %	
	S	0,5 %		
Monterra Bio Malt 5-1-5	Klasmann- Deilmann	DM	90 %	Cocoa husks, malt culms, molasses, hair meal, feather meal
		OS	70 %	
		N	5 %	
		P2O5	1 %	
		K2O	5 %	
		MgO	0,5 %	
		S	4,5 %	
Montex G8 plus	MONTEX	DM	99 %	Soft ground rock phosphate, chalk lime, natural gypsum, dolomite limestone
		P2O5	8 %	
		CaO	40-45 %	
		MgO	1-1,5 %	
		S	4-5 %	
MO-VITAL®	Gramoflor	DM	98,9 %	Amino acids, kaolin, algae products, Trichoderma spp., Gliocladium virens, Bacillus subtilis, Pseudomonas fluorescens <i>Natural vital substances for healthy growth</i> <b>Not to be applied to edible parts of the crop</b>
		OS	46 %	
		N	8,7 %	
		CaO	2,03 %	
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II) -sulphate, Zn-sulphate, Cu-sulphate, water, sodium-molybdate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		OS	60 %	
		N	2 %	
		S	7,3 %	
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	
Natura Bio Balkon- und Kübelpflanzendünger	MTD Products	DM	90 %	Soybean extraction meal, field bean meal <i>Purely vegetable, guaranteed without animal components</i>
		N	5 %	
		P2O5	2 %	
		K2O	6 %	
Natura Bio Beerendünger	MTD Products	DM	90 %	Soybean extraction meal, field bean meal <i>Purely vegetable, guaranteed without animal components</i>
		N	4 %	
		P2O5	2 %	
		K2O	8 %	
Natura Bio Hochbeetdünger	MTD Products	DM	90 %	Soybean extraction meal, field bean meal <i>Purely vegetable, guaranteed without animal components</i>
		N	5 %	
		P2O5	2 %	
		K2O	6 %	
Natura Bio Rhododendrondünger	MTD Products	OS	60 %	Soybean extraction meal, vinasse, mycorrhiza <i>Purely vegetable, guaranteed without animal components</i>
		N	4 %	
		P2O5	2 %	
		K2O	8 %	

Tradename	Company	Nutrient content		Composition, Remarks
Natura Bio Rosendünger	MTD Products	DM	90 %	Soybean extraction meal, field bean meal <i>Purely vegetable, guaranteed without animal components</i>
		N	5 %	
		P2O5	2 %	
		K2O	6 %	
Natura Bio Staudendünger	MTD Products	DM	90 %	Soybean extraction meal, field bean meal <i>Purely vegetable, guaranteed without animal components</i>
		OS	60 %	
		N	4 %	
		P2O5	2 %	
		K2O	8 %	
Natura Bio Strauch- und Heckendünger	MTD Products	OS	60 %	Soybean extraction meal, vinasse, mycorrhiza <i>Purely vegetable, guaranteed without animal components</i>
		N	4 %	
		P2O5	2 %	
		K2O	8 %	
Natura Bio Tomatendünger	MTD Products	DM	90 %	Soybean extraction meal, field bean, vinasse <i>Purely vegetable, guaranteed without animal components</i>
		OS	65 %	
		N	5 %	
		P2O5	2 %	
		K2O	6 %	
Natura Gartendünger	MTD Products	N	5 %	Soy extraction meal, field beans, vegetable residue, vinasse, distillers dried grains from alcohol production, molasses
		P2O5	3 %	
		K2O	5 %	
Natura Rasendünger	MTD Products	DM	90 %	Soy extraction meal, distillers dried grains from alcohol production, field beans, rape seed extraction meal, molasses
		OS	51 %	
		N	5,8 %	
		P2O5	2 %	
		K2O	2 %	
		MgO	0,5 %	
Natura Rasendünger Herbst	MTD Products	N	4 %	Field beans, soy extraction meal, vinasse, rape seed extraction meal, vegetable residue from agricultural production, distillers dried grains from alcohol production, molasses
		P2O5	2 %	
		K2O	8 %	
NATURCOMPLET®-G	DAYMSA	DM	70 %	Leonardite, potassium sulphate
		OS	35 %	
		N_total	1 %	
		K2O	5 %	
		Fe	1 %	
NEGROT ECO	Inferin	OS	51 %	Animal manure and waste water collected selectively and treated outside their place of origin
		N_total	8 %	
		P2O5	2,2 %	
		K2O	1,8 %	
		CaO	4 %	
Niem Presskuchen	Moser Niem-Handel	DM	94 %	Neem pressed cake <i>The entire diversity of the Indian Niembaum (Azadirachta indica) in Niem press cake as organic NPK fertilizer</i>
		OS	86 %	
		N	6 %	
		P2O5	1 %	
		K2O	3 %	
		CaO	0,5 %	
		MgO	0,3 %	
		S	1 %	

Tradename	Company	Nutrient content		Composition, Remarks
ökohum Bio-Langzeitdünger	ökohum GmbH	DM	96 %	Fungal biomass, soft ground rock phosphate, potassium sulphate
		OS	75 %	
		N	6 %	
		P2O5	3 %	
		K2O	5 %	
		CaO	2,6 %	
		MgO	0,17 %	
		S	1,6 %	
		Fe	0,01 %	
OPF 7-0-2	Plant Health Cure	DM	45,2 %	Plant extract <i>Organic plant based fertiliser</i>
		OS	42,9 %	
		N	6,9 %	
		K2O	1,9 %	
OPF Granular 11-0-5	Plant Health Cure	N	11 %	Sugar cane extract
		K2O	4,5 %	
OPF granular 11-5	Yves Kessler	DM	100 %	Fermented molasses residuals
		OS	28 %	
		N	11 %	
		K2O	5 %	
OrgaPur® 6-2-6	ProGreen	DM	90 %	Vegetable substances, vinasse potash, hair meal (cat. 3)
		OS	61 %	
		N	6 %	
		P2O5	2 %	
		K2O	6 %	
		CaO	4 %	
OrgaPur® 8-2-6	ProGreen	DM	95 %	Vegetable raw materials from the food industry, hair meal, vinasse-potassium <i>With important trace elements, natural long-term effect. Improving soil fertility by high nitrogen content</i>
		OS	66 %	
		N	8 %	
		P2O5	2 %	
		K2O	6 %	
OrgaPur® Myk 6-1-7	ProGreen	DM	94 %	Karite, vegetable materials from food-, beverage/tobacco- and feed production, hair meal, vinasse-potassium, mycorrhiza
		OS	68 %	
		N	6 %	
		P2O5	1 %	
		K2O	7 %	
OrgaPur®/Captial 5-3,5-8 + 1	ProGreen	DM	92 %	Vegetable residual material from the food industry, vinasse-potassium, kiesirite <i>With important trace elements, natural long-term effect, promoting soil life and humus formation, positive effect on chlorophyll due to MgO</i>
		OS	63 %	
		N	5 %	
		P2O5	3,5 %	
		K2O	8 %	
		CaO	0,3 %	
		MgO	1 %	
		S	5,8 %	
Orgatop 1	Heisterner	N	10 %	Hydrolysed proteins from animal by-products, extraction residues from oilseeds (rape), cocoa husks, potassium sulphate, molasses
		P2O5	2 %	
		K2O	2 %	
Orgatop 2	Heisterner	N	6 %	Blood meal, extraction residues from oilseeds (rape), potassium sulphate, dried beet pulp, magnesium sulphate, molasses
		P2O5	2 %	
		K2O	12 %	

Tradename	Company	Nutrient content		Composition, Remarks
Orgerano 5+3+8	ICL Deutschland	DM	93 %	Vegetable residue from agricultural production, vinasse, extraction residues from oilseeds (rape), sugar beet pulp, molasses
		OS	75 %	
		N	5 %	
		P2O5	3 %	
		K2O	8 %	
Orgerano 6+3+4	ICL Deutschland	DM	94 %	Vegetable residue from agricultural production, extraction residues from oilseeds (rape), vinasse, beet pulp, molasses
		OS	75 %	
		N	6 %	
		P2O5	3 %	
		K2O	4 %	
Palaterra® PBA PROFİ SPEZIAL/Bodenaktivator und Humusbildner	Palaterra	OS	21 %	Bio Champost, stone meal <i>Soil activator and humus supplier for the revitalisation of depleted and heavily used soils</i> <b>The component 'charcoal' is not considered compliant with the EC Eco-Regulation in every German federal state</b>
		N	0,7 %	
		P2O5	0,3 %	
		K2O	0,7 %	
		CaO	2 %	
		S	4,1 %	
Patentkali® "gran"	K+S Minerals and Agriculture	K2O	30 %	Potassium sulphate and kieserite (also known as 'potassium-magnesia') <i>The classic; for highest quality in the cultivation of potatoes, fruits and vegetables</i>
		MgO	10 %	
		S	17 %	
Patentkali® + Bor	K+S Minerals and Agriculture	K2O	30 %	Potassium sulphate, boron
		MgO	8 %	
		S	16,4 %	
		B	0,5 %	
Peletko	EKO STELA	DM	7,96 %	Bovine manure, horse manure Product is marketed in Croatia
		OS	50,23 %	
		N	1,80 %	
		P2O5	2,10 %	
		K2O	3,12 %	
		CaO	5,23 %	
		MgO	1,56 %	
penergetic b Boden Melasse	Penergetic	DM	72-76 %	Sugar beet molasse <i>Sugar beet molasses of Swiss origin, fodder molasses</i>
		OS	84-88 %	
		N	1,6 %	
Pflanzensegen	NaturRat	DM	61,6 %	Organic soya-cake, organic granulated barley, organic bran, effective microorganisms, Perhumus, organic sugar cane molasses, organic malt culms, shell limestone, stone meal diabas, zeolite <i>The plant nutrients are firmly bound in the organic matter and are not washed out. Plants grow with no nutrient losses</i>
		OS	50 %	
		N	2,82 %	
		P2O5	0,87 %	
		K2O	1,8 %	
Physio-Natur PKS 47	Timac DE	P2O5	13 %	Potash crude salt, soft ground rock phosphate, calcium carbonate, kieserite
		K2O	15 %	
		MgO	2 %	
		S	7,6 %	
Plan B.eet Bio Aufbausubstrat	Carbuna	OS	73,3 %	Vegetable carbon, vinasse, water, molasses, microorganisms <b>The component 'vegetable carbon' is not considered compliant with the EC Eco-Regulation in every German federal state</b>
		N	2 %	
		P2O5	0,3 %	
		K2O	2 %	
		S	0,2 %	

Tradename	Company	Nutrient content		Composition, Remarks
Plan B.eet Bio Blumendünger	Carbuna	OS	52,2 %	Vinsasse, water, molasses, microorganisms
		N	4,5 %	
		P2O5	0,6 %	
		K2O	3,9 %	
		S	0,45 %	
Plan B.eet Bio Gemüsedünger	Carbuna	OS	52,2 %	Vinsasse, water, molasses, microorganisms
		N	4,5 %	
		P2O5	0,6 %	
		K2O	3,9 %	
		S	0,45 %	
Plan B.eet Bio Grünpflanzendünger	Carbuna	OS	52,2 %	Vinsasse, water, molasses, microorganisms
		N	4,5 %	
		P2O5	0,6 %	
		K2O	3,9 %	
		S	0,45 %	
Plan B.eet Bio Rosendünger	Carbuna	OS	52,2 %	Vinsasse, water, molasses, microorganisms
		N	4,5 %	
		P2O5	0,6 %	
		K2O	3,9 %	
		S	0,45 %	
Plan B.eet Bio Tomatendünger	Carbuna	OS	52,2 %	Vinsasse, water, molasses, microorganisms
		N	4,5 %	
		P2O5	0,6 %	
		K2O	3,9 %	
		S	0,45 %	
Plantura Bio-Blumendünger	Plantura	OS	64 %	Oil cake meal (soy, grapes), cocoa husks, vinsasse, rock phosphate <i>Animal-free and low-dust fertilizer in granulate form to promote healthy soil life</i>
		N	4 %	
		P2O5	2 %	
		K2O	7 %	
		Na	1,4 %	
Plantura Bio-Bodenaktivator	Plantura	OS	68 %	Oil cake meal (grapes), oil cake meal (soy), calcium carbonate, cocoa husks, living microorganisms (mycorrhiza (glomus species)), vinsasse <i>Animal-free and low-dust fertilizer in granulate form to promote healthy soil life</i>
		N	4 %	
		P2O5	1 %	
		K2O	2,8 %	
		MgO	1,7 %	
		Na	0,4 %	
		S	1 %	
Plantura Bio-Herbstrasendünger	Plantura	OS	65 %	Oil cake meal (soy, grapes), vinsasse, wheat gluten meal, cocoa husks <i>Animal-free and low-dust fertilizer in granulate form to promote healthy soil life</i>
		N	5 %	
		P2O5	1 %	
		K2O	9 %	
		Na	1,8 %	
Plantura Bio-Hortensiidünger	Plantura	OS	53 %	Wheat gluten meal, vinsasse, cocoa husks, kieserite, ferrous sulphate, soft ground rock phosphate, oil cake meal (soy) <i>Animal-free and low-dust fertilizer in granulate form to promote healthy soil life</i>
		N	5 %	
		P2O5	2 %	
		K2O	7,5 %	
		MgO	2 %	
		Na	1,2 %	
		S	3,7 %	
Fe	1 %			

Tradename	Company	Nutrient content		Composition, Remarks
Plantura Bio-Rasendünger	Plantura	OS	74 %	Wheat gluten meal, oil cake meal (soy), vinasse, cocoa husks <i>Animal-free and low-dust fertilizer in granulate form to promote healthy soil life</i>
		N	8 %	
		P2O5	1 %	
		K2O	6 %	
		Na	1,2 %	
		S	2,2 %	
Plantura Bio-Rosendünger	Plantura	OS	56 %	Oil cake meal (soy), cocoa husks, vinasse, wheat gluten meal, kieserite, soft ground rock phosphate <i>Animal-free and low-dust fertilizer in granulate form to promote healthy soil life</i>
		N	5 %	
		P2O5	2 %	
		K2O	8,5 %	
		MgO	2 %	
		Na	1,3 %	
Plantura Bio-Tomatendünger	Plantura	OS	54 %	Oil cake meal (soy), cocoa husks, vinasse, rock phosphate, kieserite <i>Animal-free and low-dust fertilizer in granulate form to promote healthy soil life</i>
		N	4 %	
		P2O5	3 %	
		K2O	8 %	
		MgO	2 %	
		Na	2,1 %	
Plantura Bio-Universaldünger	Plantura	OS	69 %	Oil cake meal (soy, grapes), wheat gluten meal, cocoa husks, rock phosphate, vinasse <i>Animal-free and low-dust fertilizer in granulate form to promote healthy soil life</i>
		N	6 %	
		P2O5	3 %	
		K2O	4 %	
		Na	0,7 %	
		S	2 %	
Potavit®-Bio	Agronaps	DM	53 %	Vinasse, plant extract
		N	5 %	
		K2O	2 %	
PPL Potato Protein Liquid	Bollmer BMD	DM	44 %	PPL potato protein concentrate <i>Organic fertiliser with multiple nutrients from potato protein concentrate</i>
		OS	29,6 %	
		N	2,26-2,82 %	
		P2O5	1,2-1,6 %	
		K2O	7-9 %	
		MgO	0,57 %	
		S	0,4-0,7 %	
PPL Potato Protein liquid	Emsland-Stärke	DM	40 %	Water, vegetable substances from the production of food, semiluxury food and animal feed, trace elements <i>Organic multi nutrient fertiliser for all arable agricultural crops and in vegetable cultivation</i>
		OS	29 %	
		N	2 %	
		P2O5	1,2 %	
		K2O	7 %	
		MgO	0,5 %	
		S	0,61 %	
PROFI Terra Explorer 20	BSL	DM	96 %	
		OS	26 %	
		N	1,5 %	
		CaO	20 %	
		MgO	11 %	
PROFI Vital BodenAktivator	Progema	OS	55 %	Plant substances, mixed lime, rock flour <b>The component "charcoal" is not considered compliant with the EC-Eco- Regulation in every German federal state</b>
		N	2 %	
		P2O5	1,5 %	
		K2O	1,5 %	
		CaO	13 %	
		MgO	4,5 %	
S	0,5 %			

Tradename	Company	Nutrient content		Composition, Remarks
ProGrow® 4000	Progress Agrar	DM	2,73 %	<i>For all agricultural and horticultural crops</i>
		N	0,16 %	
		P2O5	0,05 %	
		K2O	0,28 %	
ProGrow® 621	Progress Agrar	DM	96,94 %	Yeast extract, silica <i>For all agricultural and horticultural crops</i>
		N	4,61 %	
		P2O5	0,62 %	
		K2O	1,6 %	
Protamylasse	AHN	DM	55 %	PPL potato protein concentrate <i>Protamylasse 2,5-1,3-9,8. Organic NPK fertilizer from potato fruit water</i>
		OS	35 %	
		N	02,5 %	
		P2O5	01,3 %	
		K2O	09,8 %	
		MgO	0,58 %	
		S	0,96 %	
Provita Haarmehl- Kali-Pellets 11+7	Beckmann & Brehm	DM	95 %	Hair meal, potassium sulphate, vinasse <i>NK-fertiliser, with fast N-effect, suitable especially for additional fertilisation or "potassium refreshment" on light soil. Emphasis on nitrogen</i>
		OS	78 %	
		N	11,8 %	
		P2O5	0,5 %	
		K2O	7 %	
		Na	1 %	
		S	4,3 %	
Provita Haarmehl- Kali-Pellets 9+14	Beckmann & Brehm	DM	95 %	Hair meal, potassium sulphate <i>NK-fertiliser, with fast N-effect, suitable especially for cultures preferring potassium. Emphasis on potassium</i>
		OS	49 %	
		N	9 %	
		P2O5	0,2 %	
		K2O	14 %	
		Na	2,5 %	
		S	8,7 %	
Provita Pflanzfein	Beckmann & Brehm	DM	90 %	Fermented corn residue <i>Well tolerated, even for seedlings</i>
		OS	80 %	
		N	6 %	
		P2O5	4 %	
		K2O	1 %	
		MgO	0,5 %	
Provita Pflanz-Kali-Pellets	Beckmann & Brehm	DM	95 %	Vegetable substances from food production, potassium sulphate <i>Whole fertilizer of vegetable origin</i>
		N	5 %	
		P2O5	3 %	
		K2O	8 %	
Provita Phytogran GOLD	Beckmann & Brehm	DM	90 %	Mixture of residues from the processing of maize, cereals, potatoes and sugar beets <i>Also available as meal or pellets</i>
		OS	85 %	
		N	6 %	
		P2O5	3 %	
		K2O	2 %	
RecyKal SF	SF Soepenbergr	DM	47,3 %	Potato protein concentrate - PPL
		N	2,5 %	
		P	1 %	
		K2O	8,5 %	
		MgO	0,7 %	
		S	0,7 %	

Tradename	Company	Nutrient content		Composition, Remarks
RoPro 13/20	Christoph Fischer	DM	98,16 %	Sweet whey powder, minerals, EM-Keramikpulver (ceramic powder) <i>Supporting the vitality of plants and for increasing the resistance against diseases. Proven for all plants and shrubs</i>
		OS	44,83 %	
		N	1,09 %	
		K <sub>2</sub> O	1,54 %	
		CaO	2,16 %	
		MgO	2,85 %	
Saproplant	Saproplant	OS	21 %	Sapropel (digested sludge) <i>Fertiliser and micro-nutrient, soil improving agent</i>
		N	1,1 %	
		P <sub>2</sub> O <sub>5</sub>	0,16 %	
		K <sub>2</sub> O	0,06 %	
		Mg	0,12 %	
		S	0,32 %	
		Fe	1,73 %	
		Mn	0,02 %	
Sedumin® Manupur Insect	PBI Austria	DM	88 %	Mealworm dung <i>Novel organic NPK-fertiliser that promotes healthy plants, soil life and soil fertility for all plants</i>
		OS	79,5 %	
		N	4,5 %	
		P <sub>2</sub> O <sub>5</sub>	3,2 %	
		K <sub>2</sub> O	2,4 %	
		CaO	0,2 %	
		MgO	0,94 %	
		S	0,38 %	
Siforga Bio V 4-1-8	Klasmann-Deilmann	DM	90 %	Vinasse, molasses, vegetable materials from food-, beverage/tobacco- and feed production <i>100 % vegetable</i>
		OS	75 %	
		N	4 %	
		P <sub>2</sub> O <sub>5</sub>	1 %	
		K <sub>2</sub> O	8 %	
		CaO	1 %	
		MgO	0,5 %	
		S	2,5 %	
SNOEKs Meisterdünger	Snoek GmbH	DM	78,8 %	Humus from husks of pressed grapes, marine algal lime, stone meal, horn meal, seaweed meal, quartz flour
		OS	34,7 %	
		N	1,96 %	
		P <sub>2</sub> O <sub>5</sub>	0,55 %	
		K <sub>2</sub> O	2,24 %	
		CaO	8,3 %	
		MgO	1,7 %	
Spower® BioPK+	Spower	DM	100 %	Soft ground rock phosphate, sulphur, zinc sulphate, copper sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, in 600 kg one-loop bigbag. Steady sulphur supply</i>
		P <sub>2</sub> O <sub>5</sub>	12 %	
		K <sub>2</sub> O	22 %	
		CaO	14 %	
		S	12 %	
		Cu	0,3 %	
		Zn	0,42 %	
STALLGRENA	GRENA	DM	85 %	Poultry manure
		OS	60 %	
		N	2 %	
StyriaFert N+	Agro Power	OS	95,9 %	Feather meal, bristle meal <i>For short and long-term nitrogen supply</i>
		N	13 %	
		CaO	2 %	
StyriaFert N105	Agro Power	DM	91,6 %	Feather meal, vegetable residues from food, semiluxury and animal feed production <i>For short- and long-term multnutrient fertilizers</i>
		OS	85,5 %	
		N	11 %	
		P <sub>2</sub> O <sub>5</sub>	1,32 %	
		CaO	6,37 %	



Tradename	Company	Nutrient content		Composition, Remarks
StyriaFert N121	Agro Power	DM	92,3 %	Feather meal / bristle meal (cat. 3), residue from citric acid production <i>For short- and long-term multi-nutrient fertilization</i>
		OS	92 %	
		N	12 %	
		P2O5	1 %	
		CaO	4 %	
StyriaFert NPK	Agro Power	OS	68 %	Meat and bone meal, blood meal, Kalisop <i>For short- and long-term multinutrient fertilization</i>
		N	8 %	
		P2O5	6 %	
		K2O	7 %	
StyriaFert Powerkorn	Agro Power	OS	65 %	Meat and bone meal, calcium carbonate <i>For short- and long-term multinutrient fertilization</i>
		N	7,5 %	
		P2O5	11 %	
		CaO	18 %	
StyriaFert Veggie 471	Agro Power	DM	93,8 %	Vegetable materials from anaerobic fermentation
		OS	60,18 %	
		N	4,28 %	
		P2O5	7,24 %	
		K2O	1,56 %	
		CaO	7,81 %	
		MgO	0,98 %	
		Na	0,49 %	
		S	0,61 %	
		Fe	9,08 %	
		Zn	0,022 %	
StyriaFert Veggie Basis	Agro Power	OS	83,9 %	Cocoa husks, residues from food and bioethanol production
		N	5 %	
		P2O5	3 %	
		K2O	1 %	
StyriaFert Veggie eM	Agro Power	OS	83,9 %	Residual materials food production, cocoa husks, effective microorganisms (lactic acid and photosynthetic bacteria, yeasts, sugar cane molasses), humic acids <i>Plant NPK fertilizer with effective microorganisms</i>
		N	5 %	
		P2O5	3 %	
		K2O	1 %	
StyriaFert Veggie Plus	Agro Power	OS	64 %	Residues from food production, hyperphosphate, elemental sulphur, Patentkali <i>For short and long-term phosphorus and sulphur supply</i>
		N	4 %	
		P2O5	5 %	
		K2O	2 %	
		S	5 %	
Sulfogran® S + B	BvG	DM	100 %	Elemental sulphur <i>Fertilizer granulate from elemental sulphur, with addition of boron and bentonite</i>
		S	77 %	
		B	2 %	
TEAM F	Uniferm	DM	67 +/-3 %	Vinasse
		OS	50 +/-3 %	
		N	4,5 +/-0,5 %	
		P2O5	0,2 +/-0,2 %	
		K2O	5,5 +/-1,5 %	
		CaO	0,5 +/-0,2 %	
		Na	2 +/-1 %	
		S	1 +/-0,5 %	
		Cl	2 +/-0,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
TerraGold-Wurmkompost	naturesache	DM	39 %	Dejecta of worms (vermicompost) from cattle and horse manure
		OS	58 %	
		N	1,92 %	
		P2O5	1,42 %	
		K2O	1,4 %	
		CaO	4,34 %	
		MgO	1,63 %	
TERRAGON® Bio-Universal	hego	DM	90 %	Vegetable materials from food-, beverage/ tobacco- and feed production <i>4 mm-fertiliser- pellets; very good spread pattern</i>
		OS	70 %	
		N	6 %	
		P2O5	3 %	
		K2O	1 %	
TERRAGON® Haarmehl-Kali-Pellets	hego	DM	90 %	Hair meal, vegetable materials from food-, beverage/tobacco- and feed production
		OS	50 %	
		N	8 %	
		K2O	15 %	
TERRAGON® Powerkorn	hego	DM	90 %	Process biomass from the food industry based on vegetable materials
		OS	40 %	
		N	5 %	
		P2O5	2,5 %	
		K2O	0,5 %	
		CaO	15 %	
		MgO	0,5 %	
		S	1 %	
		Zn	0,11 %	
TERRAmalz® Bio Perfekt	hego	DM	90 %	Malt culms, vegetable materials from food-, beverage/tobacco- and feed production, Dolomag, vinasse-potassium, wheat gluten
		OS	70 %	
		N	4 %	
		P2O5	1 %	
		K2O	6 %	
		CaO	3 %	
		MgO	1 %	
		S	3 %	
TerraPulse	Plant Health Cure	N	0,85 %	Grape mark, minerals, Fulvic Dry
		K2O	1,4 %	
Texas Energiesubstrat	Texas	DM	34,1 %	Bedding, substrate of champignon cultures, lime stone meal (KSM 40/3), Kieselgur DMR (diatomaceous earth), microorganisms
		N	0,56 %	
		P2O5	0,5 %	
		K2O	0,76 %	
		CaO	1,95 %	
		MgO	0,27 %	
		S	0,3 %	
TRIBÙ	Italpollina	DM	87,2 %	Cattle manure, horse manure <i>Without the addition of foreign substances and binders</i>
		OS	72,3 %	
		N	3,9 %	
		P2O5	2,9 %	
		K2O	3,4 %	
		MgO	1 %	
Veganosol	Veganosol	OS	90 %	Distillers dried grains, Corn Step Liquor, PNC <i>Organic fertilizer, vegan, for all fields of application (fruit, vegetables, lawn, gardening and landscaping, agriculture, etc.)</i>
		N	5,5 %	
		P2O5	2,5 %	
		K2O	1,5 %	
		MgO	0,6 %	

Tradename	Company	Nutrient content		Composition, Remarks
VegePur®	ProGreen	DM	92 %	Vegetable substances from food production
		OS	67 %	
		N	5,7 %	
		P2O5	4 %	
		K2O	1 %	
		CaO	7 %	
		MgO	0,5 %	
		S	0,8 %	
Vegiefert	Heisterner	DM	88 %	Plant residues from agriculture, cocoa husks, molasses
Vegiefert NK	Heisterner	DM	66 %	Plant residues from agriculture, vinasse extract
		OS	60 %	
		N	5 %	
		K2O	6 %	
VEGOFERT	RT Chemtronics	DM	90,14 %	Vegetable raw materials from food production, sludge from food production
		OS	60,18 %	
		N	4,48 %	
		P2O5	5,63 %	
		K2O	1,64 %	
		CaO	6,27 %	
		MgO	0,76 %	
		S	0,68 %	
VEPRO	SAS	N_total	2,75 %	Molasses, plant protein hydrolysate, iron sulphate
		K2O	2,1 %	
		Fe	2 %	
Wigor S + B; Düngemittelgranulat mit Schwefel, Bor und Bentonit	AGREX	DM	99 %	Elemental sulphur, borax pentahydrate <i>Application of elemental sulphur and boron in one operation</i>
		S	77 %	
		B	2 %	

## 1-5 Liquid fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
4Plants bio Humin-Plus	AGROsolution	DM	36 %	
		OS	22 %	
		CaO	7,5 %	
		MgO	5,2 %	
		S	3,6 %	
		SiO2	6,6 %	
AKRA Organischer Flüssigdünger	Karner	OS	25 %	Organic residual potato fruit water concentrate, AKRA Azotobacter N-bacteria
		N	1,5 %	
		P2O5	0,6 %	
		K2O	4,1 %	
		MgO	0,4 %	
		Cu	0,04 %	
		Fe	0,1 %	
		Mn	0,03 %	
		Mo	0,006 %	
		Zn	0,04 %	

Tradename	Company	Nutrient content		Composition, Remarks
Alginin Vital® Kalium20	Intrachem	DM	60 %	Potassium salt, humic acids, algae concentrate, citric acid, vegetable amino acids <i>Effectively acting through new fertiliser technology (Amino-Humic-Citrate-Complex)</i>
		OS	42,8 %	
		K2O	21 %	
Alginin Vital® Norg9	Intrachem	N	9 %	Hydrolysed plant proteins <i>Purely vegetable nitrogen. Especially effective through new fertiliser technology (Amino-Humic-Citrate-Complex)</i>
Alginin Vital® NPK 6-2-2	Intrachem	DM	55,3 %	Vegetable protein hydrolysate, soft ground rock phosphate, citric acid <i>NPK-fertiliser with amino acids, humic acids and algae for absorption through leaves and roots</i>
		OS	84,5 %	
		N	6 %	
		P2O5	2 %	
		K2O	2 %	
Alginure®-Vital	Tilco	DM	16 %	Algae extract, vinasse, leonardite <i>Algae extract, humic acid and vegetable amino acids</i>
		OS	13 %	
		N	0,8 %	
		K2O	1,4 %	
AMINO BETA	Heinr. Propfe	OS	37 %	Potassium sulphate from vinasse processing
		N	6 %	
		MgO	0,5 %	
		S	2,3 %	
Aminofert Kalium	Beckmann & Brehm	DM	72,3 %	Vegetable potassium <i>Organic potassium fertiliser solution with 20 % K2O of vegetable origin</i>
		OS	42,8	
		N	0,15 %	
		K2O	20 %	
AMINO GLU	Heinr. Propfe	DM	53 %	100 % vegetable substances from food production <i>19,5 % amino acids, predominantly glutamine</i>
		OS	42 %	
		N	4,8 %	
		S	1,3 %	
AMN Powerdünger®	Mack	N	7 %	Cereals, vegetable substances from the production of food, semiluxury food and animal feed, seaweed, potassium-vinasse <i>Pure vegetable; full supply with main, trace and micronutrients</i>
		P2O5	2 %	
		K2O	3 %	
		Fe	0,3 %	
AMN Verde® Bio-Pflanzennahrung und Vitalisierung	Mack	N	2,5 %	Sugar beet extract, bark extract from fir trees, grain extracts, natural acids <i>Organic plant food and vitalization, N-reduced, purely vegetable</i>
		P2O5	0,2 %	
		K2O	3 %	
		Fe	0,3 %	
AMN® Rosenpracht	Mack	N	7 %	Cereals, vegetable substances from the production of food, semiluxury food and animal feed, seaweed, potassium-vinasse <i>Full supply of main, trace and micronutrients, especially for roses and flowers</i>
		P2O5	2 %	
		K2O	3 %	
		Fe	0,3 %	

Tradename	Company	Nutrient content		Composition, Remarks
AMN® Stercus	Mack	N	6,75 %	Vegetable substances from food-, beverage/tobacco- and feed production <i>Full supply of main and trace nutrients without vinasse. Nitrogen-based, purely vegetable liquid fertilizer</i>
		P2O5	0,6 %	
		K2O	2,99 %	
BIOCON	BIOCO	DM	48 %	Potassium sulphate, alkaline algae extract, plant extracts <i>Promotes root and leaf formation and the development of microorganisms that are capable of elementary nitrogen fixation and decomposition of plant remains</i>
		OS	45 %	
		K2O	1,4 %	
		S	0,4 %	
		Cu	< 5 mg/kg	
		Zn	< 5 mg/kg	
BIOCOS	BIOCO	DM	38,2 %	Zeolite-rich rock flour, alkaline algae extract, plant extracts, potassium sulphate Chloride < 0,1 % <i>From vegetable substances, rock flour and potassium sulphate of natural origin. Stimulates youth growth and chlorophyll formation, allows a rapid increase in resistance</i>
		OS	22 %	
		K2O	3 %	
		MgO	0,3 %	
		S	1 %	
		Cu	< 5 mg/kg	
		Zn	4,75 mg/kg	
Bio-Dünger (rein Organischer Flüssigdünger)	Keyzers	DM	60 %	Vinasse
		OS	40 %	
		N	3 %	
		K2O	6 %	
BIOMAX	Asburg	N	1,1 %	Unchlorinated water, pH 6,5-7,2, organic humus
		P2O5	1,14 %	
		K2O	1,04 %	
Biota-Calcium	Biota Nutri	CaO	8,2 %	Lignosulphonate
Biotrissol org. 4+2+5	Heinr. Propfe	DM	50 %	Corn spring water, vinasse
		OS	50 %	
		N	4 %	
		P2O5	2 %	
		K2O	5 %	
Biotrissol organisch mineralischer Dünger flüssig 4+1+5	Heinr. Propfe	DM	60 %	Vinasse, rock phosphate
		OS	45 %	
		N	4 %	
		P2O5	1 %	
		K2O	5 %	
		MgO	0,1 %	
CARBO-ECO Ca	Phytosolution	CaO	8 %	Seaweed extract (Ascophyllum nodosum), calcium carbonate
CARBO-ECO K	Phytosolution	K2O	20 %	Potassium sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
CARBO-ECO Mg	Carbotecnia	MgO	5 %	Magnesium sulphate
		S	4 %	
CARBO-ECO Mg	Phytosolution	MgO	5 %	Magnesium sulphate
		S	4 %	

Tradename	Company	Nutrient content		Composition, Remarks
CARBO-ECO POTASI K	Carbotecnia	K2O	20 %	Potassium sulphate
		S	8,6 %	
COACH	Green Seal	N_total	1,55 %	Microorganisms
		K2O	7,51	
		Na	1,90 %	
Diaglutin® Ca flüssig	Biofa	CaO	8 %	Seaweed extract (Ascophyllum nodosum), water-soluble calcium oxide
Diaglutin® N flüssig	Biofa	N	9 %	Vegetable protein hydrolysate
		P2O5	0,7 %	
ECOVIGOR AA	Timac Agro	N_total	2 %	Beet vinasse, water, seaweed extract
Espartan	Kimitec	OS	30 %	Sugar beet molasses, water, saccharomyces Approval number: F0000864/2018 (MAPA, Spain)
		N	3 %	
		P2O5	3 %	
		K2O	3 %	
		CaO	0,7 %	
FERTIBIOL	Green Seal	OS	4,97 %	Microorganisms
		N	2,3 %	
		K2O	4,08 %	
Fertileader Azur - Ca	Timac DE	CaCl	15 %	Solution of calcium chloride 15 % <b>Against bitter pip in apples</b>
FITOPOWER	Green Seal	OS	5,07 %	Microorganisms
		N	2,5 %	
		P2O5	2,5 %	
		K2O	2,9 %	
FLOWGREEN	Laboratorios	N	3,5 %	
DESAROLLO Y	Econatur	P2O5	2,5 %	
ENGORDE		K2O	6,5 %	
FOS-K	Green Seal	OS	6,14	Microorganisms
		N	2,12 %	
		P2O5	11,43 %	
		K2O	7,6 %	
		MgO	18,31	
FUNIBIOL K	Green Seal	OS	8,4 %	Microorganisms, molasses
		N	2,6 %	
		K2O	2,2 %	
GREEN LIFE	Green Seal	K2O	8,28 %	Microorganisms
		CaO	5,12 %	
		MgO	1,16 %	
Mairol BioGreen	Mairol	K2O	1,06 %	Calcium carbonate
		CaO	38,45 %	
		MgO	1,11 %	
		SiO2	19,87 %	
		Al2O3	5,13 %	
MANVERT FOLIPLUS	Biovert SL			Hydrolized protein, seaweed extract, sugar <i>Formulated to increase the sprouting of plants and fruits</i>
MikroVeda TERRA	MikroVeda	N	0,7 %	Microorganisms <i>Fermented plant extract that promotes soil organisms and improves plant resistance</i>
		K2O	0,16 %	

Tradename	Company	Nutrient content		Composition, Remarks
Mineral-Ful (MLG-50)	Aukštėja	DM	10 %	Bentonite type clay extract <i>Bioactive fulvic complex with 33 organic acids and over 70 micronutrients. Soil amendment and foliar spray to boost growing regimen</i>
		OS	18 %	
		N	0,25 %	
		S	1,2 %	
Multi Humin Premium	Saproplant	DM	12,8 %	Sapropel (digested sludge), peat Humic acid: 57 %, fulvic acids 9,4 % (based on dry matter) <i>Growth stimulator with humic and fulvic acids, leaf fertilizer, soil additive, liquid fertilizer</i>
		N	2,6 %	
Multisei	SEIPASA	OS	36,6 %	Vinasse Approval number: F0000980/2028 (MAPA, Spain)
		N	2,8 %	
		K2O	3,5 %	
ökohum Bio-Flüssigdünger	ökohum GmbH	DM	37,6 %	Vegetable materials from food-, beverage/tobacco- and feed production
		OS	29,4 %	
		N	7 %	
		P2O5	2 %	
		K2O	3 %	
		Fe	0,3 %	
OPF 4-2-8	Plant Health Cure	N	4,2 %	Potato extract, sugar beet extract
		P2O5	1,6 %	
		K2O	7,8 %	
OPF 5-2-5	Plant Health Cure	N	5 %	Sugar beet extract
		P2O5	2 %	
		K2O	5 %	
OPF 7-2-3	Plant Health Cure	N	7 %	Sugar beet extract, potato extract
		P2O5	2,5 %	
		K2O	2,5 %	
Organic Plant Feed (short OPF) 4-2-8	Yves Kessler	N	4 %	Fermented molasses residue
		P2O5	2 %	
		K2O	8 %	
Organic Plant Feed (short OPF) 5-2-5	Yves Kessler	N	5 %	Sugar cane- and potato molasses
		P2O5	2 %	
		K2O	5 %	
Organic Plant Feed (short OPF) 6-2-2	Yves Kessler	N	6 %	Fermented molasses residue
		P2O5	2 %	
		K2O	2 %	
Organic Plant Feed (short OPF) 7-2-3	Yves Kessler	N	7 %	Fermented molasses residue
		P2O5	2 %	
		K2O	3 %	
ORGANIUM PLUS	Laboratorios Econatur	N	1,6 %	Vegetables extract Approval number: F0003167/2027 (MAPA, Spain)
		P2O5	4,1 %	
PhytoGreen®-NPK-Bio	Phytosolution	N	2-8 %	Raw materials: vinasse and/or protein hydrolysates, soft ground rock phosphate, micronized rock flours and micronutrient fertilizers <i>Available in different formulas with different nutrient contents</i>
		P2O5	0,1-5 %	
		K2O	2-8 %	
		Mg	0,1-0,3 %	
		B	0,1 %	
		Cu	0,1 %	
		Fe	0,1-0,4 %	
		Mn	0,1 %	
		Zn	0,1 %	

Tradename	Company	Nutrient content		Composition, Remarks
PhytoGreen®-Schwefel800	Phytosolution	S	56 %	Elemental sulphur <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
Phytosol®	Phytosolution	CaO	27 %	Suspension of micronised CaCO <sub>3</sub> (calcium carbonate)
		Fe	0,007 %	
		SiO <sub>2</sub>	0,2 %	
Phytosol®-Duo	Phytosolution	DM	59 %	Micronized dolomite <i>Suspension of micronised dolomite rock</i>
		CaO	18,5 %	
		MgO	12,5 %	
		SiO <sub>2</sub>	0,18 %	
Quentisan® Calcium 28	Intrachem	CaO	39 %	Calcite
Quentisan® Kupfer 26	Intrachem	Cu	26 %	Copper oxychloride <b>Only for single application on soils or in cultures with proven copper deficiency</b>
Quentisan® Magnesium 25	Intrachem	Mg	25 %	Magnesite
Quentisan® Mangan Carbonat	Intrachem	CaO	1 %	Rhodochrosite
		Mn	25 %	
Quentisan® Molybdän 16	Intrachem	Mo	16 %	Sodium molybdate
Quentisan® Sprinter	Intrachem	DM	70-80 %	Hydrolyzed vegetable protein, marine algae
		N	7 %	
Quentisan® Vin	Intrachem	DM	50-65 %	Rock flour, vegetable aminoacids
		CaO	13,5 %	
		MgO	7,5 %	
		S	0,6 %	
		Mn	1,5 %	
		Zn	2,2 %	
Schwefelwert 850 Bio	agowert	S	58 %	Elemental sulphur
Silicon Liquid 40D	Dacam	SiO <sub>2</sub>	40 %	Silicium dioxide
Silixol Master	Green Seal	N	2,4 %	
		P <sub>2</sub> O <sub>5</sub>	1,4 %	
		K <sub>2</sub> O	1,56 %	
		CaO	1,7 %	
		MgO	0,2 %	
		SiO <sub>2</sub>	6,2 %	
Soil Roots	Croptivate	DM	40 %	Potato protein, zinc sulphate, manganese sulphate
		OS	26,5 %	
		N	2,8 %	
		K <sub>2</sub> O	4,3 %	
		S	4,6 %	
VITANAL NaturAktiv Gemüse	Dr. Rech's	DM	1,48 %	Grain ferments, active microorganisms <i>Fertilization and soil improvement in one, yield increase, quality improvement, stress resistance</i>
		OS	1,45 %	
		N	0,13 %	
		P <sub>2</sub> O <sub>5</sub>	0,01 %	
		K <sub>2</sub> O	0,01 %	
VITANAL NaturAktiv Kräuter	Dr. Rech's	DM	1,48 %	Grain ferments, active microorganisms <i>Fertilization and soil improvement in one, yield increase, quality improvement, stress resistance</i>
		OS	1,45 %	
		N	0,13 %	
		P <sub>2</sub> O <sub>5</sub>	0,01 %	
		K <sub>2</sub> O	0,01 %	



Tradename	Company	Nutrient content		Composition, Remarks
Vitalan NaturAktiv Universal	Dr. Rech's	DM	1,48 %	Grain ferment, NPK-fertiliser <i>Universal fertiliser, grain ferment, liquid, for all plants inside and outside</i>
		OS	1,45 %	
		N	0,13 %	
		P2O5	0,01 %	
		K2O	0,01 %	
Vitalan Professional Bodenaktivator	Dr. Rech's	DM	5,82 %	Grain ferments <i>Soil fertilizer, liquid grain ferments, soil improvement</i>
		OS	5,73 %	
		N	0,07 %	
		P2O5	0,02 %	
		K2O	0,02 %	
Vitalan Professional Rasen	Dr. Rech's	DM	3,5 %	Grain ferment <i>Lawn fertilizer, liquid grain ferment, for sports and leisure lawns</i>
		OS	3,35 %	
		N	0,07 %	
		P2O5	0,02 %	
		K2O	0,02 %	
Vitalan Professional Rosen	Dr. Rech's	DM	4,4 %	Grain ferment, NPK-fertilizer <i>Fertilizer for roses, liquid grain ferment, reducing the soil fatigue</i>
		OS	4,37 %	
		N	0,13 %	
		P2O5	0,02 %	
		K2O	0,02 %	
Vitalan Professional sauer/kombi	Dr. Rech's	DM	1,57 %	Grain ferment <i>Foliar fertilizer, nutrient concentrate, grain ferment liquid</i>
		OS	1,54 %	
		N	0,34 %	
		P2O5	0,02 %	
		K2O	0,01 %	
Vitalan Professional Wachstumsstarter	Dr. Rech's	DM	1,43 %	Grain ferment <i>Soil fertilizer, liquid grain ferment, aid for root development</i>
		OS	1,4 %	
		N	0,05 %	
		P2O5	0,005 %	
Vitalan Typ N	Dr. Rech's	DM	11,34 %	Grain ferment <i>Plant fertilizer, liquid grain ferment, healthy plant nutrition</i>
		OS	10,68 %	
		N	0,07 %	
		P2O5	0,01 %	
		K2O	0,02 %	
WUXAL® Multimicro	Aglukon	DM	34 %	Manganese sulphate, ferrous sulphate, zinc sulphate, copper sulphate, bor <i>Trace element mixture</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		OS	9,5 %	
		MgO	3,4 %	
		S	5,4 %	
		B	0,3 %	
		Cu	0,5 %	
		Fe	1,1 %	
		Mn	1,5 %	
		Mo	0,01 %	
		Zn	1,1 %	
Zuckerrübenvinasse	ATCO	DM	48,30 %	Sugar beet vinasse <i>For organic fertilisation approx. 1.5-2.5 kg/ha in spring and 2.5-3.5 kg/h in autumn</i>
		OS	75,9 %	
		N	5,76 %	
		K2O	10,47 %	

Tradenname	Company	Nutrient content		Composition, Remarks
Zuckerrübenvinasse	Prohama	DM	60-70 %	Sugar beet vinasse as source product
		OS	40 %	
		N	3-4 %	
		P2O5	0,1-0,2 %	
		K2O	7-8 %	
		CaO	1-1,5 %	
		MgO	0,1-0,2 %	
		Na	1-3 %	
		S	1-2 %	
<b>1-5-1 Liquid fertilizers rich in nitrogen</b>				
Tradenname	Company	Nutrient content		Composition, Remarks
Aminofert N flüssig	Beckmann & Brehm	DM	61 %	Vegetable protein <i>Organic N-liquid fertiliser of vegetable origin</i>
		N	9 %	
Bio-Kraftdünger 9N	Biovin	N	9 %	Vegetable substances from the production of food products <i>Without vinasse</i>
Bio-Plantosol®	Phytosolution	OS	25 %	Vegetable protein hydrolysate
		N	4 %	
Biota-Amino	Biota Nutri	OS	59,43 %	Enzymatic hydrolysed plant extracts
		N	8,4 %	
Biota-NPK 7-2-3	Biota Nutri	DM	17,3 %	Plant extracts from enzymatic hydrolysis
		OS	10,1 %	
		N	6,8 %	
		P2O5	2,2 %	
		K2O	3 %	
BOMBARDIER	Kimitec	DM	67 %	Sugar beet molasses, wheat glucose syrop, maize glucose syrop, rye glucose syrop, bacteria
		OS	60,4 %	
		N	8,4 %	
		P2O5	0,55 %	
Crescal® Liquid Aminoplant	Aglukon	N	2 %	Corn seed extract
		P2O5	2 %	
		K2O	2 %	
Veganofluid	Veganosol	DM	48,4 %	Betaine, residual potato fruit water <i>Liquid universal fertilizer for fruit- and vegetable cultivation, flowers, agriculture, green area, nurseries</i>
		OS	89 %	
		N	4,8 %	
		K2O	0,7 %	
		Na2O	0,7 %	
Vigo M1	Seed and Technology	DM	14,2 %	Lactic acid and photosynthesis bacteria, yeast, molasses, vinegar, fermented plant and fruit extracts, pungent extracts
		N	4,87 %	
Vigo M2	Seed and Technology	DM	13,5 %	Lactic acid and photosynthesis bacteria, yeast, molasses, vinegar, fermented plant and fruit extracts, pungent extracts
		N	4,73 %	
Vinasse-Vinadax	Dacam	N	5,19 %	Vinasse
VITAROOT	Pevesa	OS	40 %	Enzymatic hydrolisate of vegetable protein
		N	5,2 %	
		P2O5	1 %	
		K2O	0,6 %	
WUXAL® Aminoplant	Aglukon	N	2 %	Maize seed extract
		P2O5	2 %	
		K2O	2 %	

### 1-5-2 Liquid fertilizers with trace elements

Tradename	Company	Nutrient content		Composition, Remarks
4Plants bio Hackfrucht-Kombi BIO	AGROsolution	DM	49 %	Borethanolamine, magnesium sulphate and magnesium carbonate, calcium carbonate, zinc sulphate, manganese carbonate, potassium sulphate, sodium molybdate
		K <sub>2</sub> O	2,9 %	
		CaO	7,1 %	
		MgO	7,1 %	
		S	4,4 %	
		B	3,6 %	
BIO PROJECT MT 1.0 SOIL	BioKimia	N	1 %	Amino acids of vegetable origin from fluid yeast extract, amino acids from metabolites from four strains of <i>Bacillus subtilis</i> , brown algae cream, copper sulphate, zinc sulphate monohydrate, iron sulphate, manganese sulphate monohydrate <i>Fluid yeast extract with brown algae, obtained by extraction with water, copper salt (sulphate), iron salt (sulphate), manganese salt (sulphate) and zinc salt (sulphate)</i>
		Cu	1 %	
		Fe	0,5 %	
		Mn	0,3 %	
		Zn	1,1 %	
CARBO-ECO Cu	Carbotecnia	Cu	5 %	Copper sulphate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
CARBO-ECO Cu	Phytosolution	Cu	5 %	Copper sulphate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
CARBO-ECO Fe	Carbotecnia	Fe	5 %	Iron sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
CARBO-ECO Fe	Phytosolution	Fe	5 %	Iron sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
CARBO-ECO Mn	Carbotecnia	Mn	5 %	Manganese sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
CARBO-ECO Mn	Phytosolution	Mn	5 %	Manganese sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
CARBO-ECO Zn	Carbotecnia	Zn	5 %	zinc sulfat <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
CARBO-ECO Zn	Phytosolution	Zn	5 %	Zinc sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>

Tradename	Company	Nutrient content		Composition, Remarks
codamin microradicular	SAS	N_total	1,10 %	Iron sulphate, molasses, vegetal hydrolysate protein, manganese sulphate, mixture of trace elements
		Fe	3 %	
		Mn	1 %	
		Zn	1 %	
HanseBiocopp	Hanseplant	Cu	5,3 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Zn	1 %	
herbagreen® boron	Sanovita	N	1,52 %	Boron <i>Application in all cultures with respective nutrient requirements</i>
		K2O	3,57 %	
		B	0,024 %	
HUMIC LIFE	UAB Biodinamika	DM	6,2 %	Humic-/fulvic acids from leonardite, Compost from cattle manure
		N	2,7 %	
		P2O5	10,9 %	
		K2O	6,5 %	
		B	0,05 %	
		Co	0,02 %	
		Cu	0,04 %	
		Fe	0,16 %	
		Mn	0,05 %	
		Mo	0,03 %	
		Zn	0,1 %	
MaisGuard Bio	SeedForward	N	1,24 %	Compost extracts, potato fruit fluid, leonardit, plant extracts, zinc, manganese, algae extract <i>Seed treatment for corn</i>
		P2O5	2,15 %	
		K2O	1,34 %	
Microfert-Bor	AGREX	DM	86 %	Boron oxide <i>Trace element fertiliser for the prevention, respectively termination of boron deficiency. Synonym orthoboric acid</i>
		B	17,5 %	
OLF-Fe	Plant Health Cure	DM	8 %	Drinking water extract <i>Organic leaf fertilizer</i>
		OS	1,9 %	
		Fe	3,13 %	
PhytoGreen®-Bor	Phytosolution	B	11 %	Boron ethanolamine <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
PhytoGreen®-Cu256	Phytosolution	Cu	19,25 %	Copper oxichloride <b>Only for single application on soils or in cultures with proven copper deficiency</b>
PhytoGreen®-Mangan 27	Phytosolution	Mn	27 %	Micronized manganese carbonate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
PhytoGreen®-Molybdän	Phytosolution	Mo	15,6 %	Molybdenum <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>

Tradename	Company	Nutrient content		Composition, Remarks
PhytoGreen®- Nährstoff Beize	Phytosolution	N	1-3,5 %	Vinsasse or molasses, manganese, molybdenum, zinc, calcium magnesium carbonate <i>Available in different compositions for seed treatment of cereals, oilseed rape, maize, potatoes, grasses, legumes and pumpkin</i>
		P2O5	0,1 %	
		K2O	1-3 %	
		Ca	0-3,2 %	
		Mg	0-2 %	
		S	0,2-2 %	
		B	0,2-1,5 %	
		Cu	0-2 %	
		Mn	3-12 %	
		Mo	0,1-0,3 %	
Zn	0-6 %			
PhytoGreen®-Zink 40	Phytosolution	Zn	40 %	Micronized zinc oxide <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
RADIX AM	SAS	N	1,1 %	Enzymatic amino acids from plant material, trace elements
		Fe	3 %	
		Mn	1 %	
		Zn	1 %	
RHIZORG	Timac Agro	OS	40 %	Residues from alcohol distillation Approval number: F0003121/2027 (MAPA, Spain)
		N	2 %	
		K2O	5 %	
SOIL-SET AID	Solbiosur	Cu	2,0 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Fe	1,6 %	
		Mn	0,8 %	
		Zn	3,2 %	
VINALGA	Snoek GmbH	N	3 %	Vinsasse, algae extract, horsetail extract, nettle extract <i>Activates the natural microbial life of the soil and promotes fine root growth</i>
		P2O5	0,27 %	
		K2O	5 %	
		CaO	0,3 %	
		S	0,75 %	

## 1-6 Calcium and magnesium carbonate, sulphur

### 1-6-1 Calcium carbonate

Tradename	Company	Nutrient content		Composition, Remarks
AKRA DGC	Karner	DM	98 %	Dolomite, natural gypsum, calcium carbonate <i>Variable mixture of dolomite / natural gypsum / calcium carbonate</i>
AKRA Magnesia	Karner	DM	98 %	Dolomite meal
		CaO	31 %	
		MgO	25 %	
AKRA Magnesia +S	Karner	CaO	36 %	Dolomite, natural gypsum
		MgO	21 %	
		S	2,5 %	
Aktiv GRANUKAL	VKD	CaO	49 %	Calcium carbonate, magnesium carbonate <i>Granulated lime carbonate, about 2-5 mm</i>
		MgO	0,5 %	
biofiMUM 95	Schneider	DM	95 %	Limestone meal <i>For all cultures and spreading techniques, loose, in 25 kg sack or in 1000 kg bigbag</i>
		CaO	53 %	
		SiO2	5 %	

Tradename	Company	Nutrient content		Composition, Remarks
Calcifertil® - Kohlensäurer Kalk	Rheinkalk Lhoist	DM	92-98 %	Calcium carbonate, magnesium carbonate <i>Sustainable lime effect, suitable for maintenance liming, healing liming, soil improving liming</i>
		OS	< 1 %	
		CaCO <sub>3</sub>	75-95 %	
		MgCO <sub>3</sub>	bis 10 %	
Calcifertil® - Kohlensäurer Magnesiumkalk	Rheinkalk Lhoist	CaCO <sub>3</sub>	45-70 %	Calcium carbonate, magnesium carbonate <i>Sustainable lime effect, suitable for maintenance liming, healing liming, soil improving liming</i>
		MgCO <sub>3</sub>	20-40 %	
CALCIKORN GS	DüKa	CaO	50 %	Calcium carbonate
		S	2 %	
Calcimer T400	Timac DE	CaO	42 %	Marine lime
		MgO	0,6 %	
CalciPlus 79 feucht	Fels-Werke	DM	90 %	Limestone
		CaCO <sub>3</sub>	79 %	
		CaO	49,2 %	
Camasil®	Witteler GmbH & Co. KG	DM	97 %	Calcium carbonate, primary rock flour, magnesium carbonate, silicon
		CaO	45 %	
		MgO	2,4 %	
		SiO <sub>2</sub>	6 %	
Carbokalk	Nordzucker	DM	68 %	Calcium carbonate, magnesium oxide <i>Lime fertiliser from sugar production; 27 % alkaline effective ingredients (tried as CaO); reactivity 105 %</i>
		P <sub>2</sub> O <sub>5</sub>	1,5 %	
		CaO	29 %	
Carbokalk	Südzucker	P <sub>2</sub> O <sub>5</sub>	1,4 %	Limestone
		CaO	27 %	
		MgO	1,7 %	
		S	0,23 %	
CiniCal	DüKa	DM	92-96 %	Plant ash with an alkaline effect, lime-/dolomite stone
		P <sub>2</sub> O <sub>5</sub>	1 %	
		K <sub>2</sub> O	3 %	
		CaO	25 %	
		MgO	8 %	
Dolocal	Otterbein	CaO	42 %	Calcium and magnesium carbonate <i>EC fertilizer, mariner limestone - standard quality, reactivity &gt; 60 %</i>
		MgO	9 %	
DOLOKAL 75-95	MONTEX	DM	99 %	Limestone <i>Reactivity &gt; 80 %, easy to implement; DLG-certified</i>
		CaO	42-54 %	
DOLOKORN	DüKa	CaO	33,6 %	Carbonic magnesium lime <i>Granulate</i>
		MgO	14,3 %	
DOLOMIN	DüKa	DM	45 %	Lime, dolomite, clay, water <i>Lime-clay suspension for liquid manure processing</i>
		CaO	15 %	
		MgO	2 %	
		Fe	1 %	
		SiO <sub>2</sub>	10 %	
Dolomitkalk 10 kg, 25 kg	gpi green partners international	CaCO <sub>3</sub>	55 %	Calcium and magnesium carbonate
		MgCO <sub>3</sub>	35 %	
DOLOMIX Bio 4/2	DüKa	P <sub>2</sub> O <sub>5</sub>	4 %	Calcium magnesium carbonate, soft ground rock phosphate, calcium sulphate <i>Dry and moistened</i>
		CaO	26 %	
		S	2 %	
DüKa-Kohlensäurer Kalk	DüKa	CaO	45-53 %	Calcium carbonate <i>Dry and moistened</i>

Tradename	Company	Nutrient content		Composition, Remarks
DüKa-Kohlensaurer Kalk mit Calciumsulfat 80 + 2	DüKa	CaO	45 %	Calcium carbonate, calcium sulphate <i>Moistened</i>
DüKa-Kohlensaurer Magnesiumkalk	DüKa	CaO	25-45 %	Calcium carbonate, magnesium carbonate
		MgO	7-19 %	<i>Dry and moistened</i>
DüKa-Kohlensaurer Magnesiumkalk mit Calciumsulfat 80 + 2	DüKa	CaO	25-34 %	Carbonic magnesium lime, calcium sulphate
		MgO	9-16 %	<i>Dry and moistened</i>
		S	2 %	
Düngekalk mit Phosphat und Kali	USUM	DM	75 %	Ash from natural wood
		P2O5	1 %	<i>Quickly and sustainably effective lime</i>
		K2O	3 %	<i>fertilizer with natural phosphate and</i>
		CaO	15 %	<i>potash, for a rounded basic fertilization</i>
				<i>and lime fertilization</i>
FERTEOS I	Timac DE	CaO	38 %	<i>Mixture of limestone - standard quality</i>
		MgO	4 %	<i>with kieserite contains micro-nutrients</i>
		Mo	0,08 %	<i>and a stimulator of soil microbial activity</i>
		Zn	0,19 %	<i>based on vegetal extracts</i>
FERTEOS II	Timac DE	K2O	29 %	<i>Mixture of magnesian limestone with</i>
		CaO	3 %	<i>potassium sulphate and calcium sulphate</i>
		MgO	10 %	<i>with stimulator of soil microbial activity</i>
		S	11,2 %	<i>based on vegetal extracts</i>
FITOSMART™	Sters	DM	99,96 %	Micronised calcite
		CaO	52,9 %	
		SiO2	1,75 %	
Gartenkalk 20 kg	gpi green partners international	CaCO3	55 %	Calcium- and magnesium carbonate
		MgCO3	35 %	
Gärtner's Garten-Rasenkalk 10 kg, 25 kg	gpi green partners international	CaCO3	95 %	Calcium carbonate
Gärtner's Naturkalk Dolomit 10 kg, 25 kg	gpi green partners international	CaCO3	55 %	Calcium- and magnesium carbonate
		MgCO3	35 %	
Geperlter Frühlings-Naturkalk 5 kg	gpi green partners international	CaCO3	82 %	Calcium- und magnesium carbonate
		MgCO3	11 %	
Geperlter Herbst-Naturkalk 5 kg	gpi green partners international	CaCO3	80 %	Calcium- and magnesium carbonate
		MgCO3	10 %	
GRANUKAL 2 - 5 mm	VKD	CaO	46,5 %	Calcium carbonate, magnesium carbonate
		MgO	2,4 %	<i>Granulated calcium carbonate, containing magnesium;</i>
				<i>DLG-certified 148422L-01</i>
GreenFit CaCO3 92 %	Yves Kessler	CaO	52,2 %	Calcium carbonate
Harzer Magnesiumkalk 50/40	VKD	CaO	28 %	Magnesium lime
		MgO	21,5 %	
herbaland® K	Sanovita	DM	100 %	Limestone
		CaO	38,3 %	<i>Application as a soil additive in all crops</i>
		MgO	2,1 %	<i>with respective nutrient requirements</i>
		Fe	3,1 %	
JURAKALK 80-95	MONTEX	DM	96 %	Limestone
		CaO	45-53 %	<i>Long-term effect, levels dependent on the supplier</i>

Tradename	Company	Nutrient content		Composition, Remarks
JURAMAG 80-90	MONTEX	CaO	28-45 %	Dolomitic limestone
		MgO	3-20 %	<i>Long-term effect, levels dependent on the supplier</i>
Kalkfix® BIO	Witteler GmbH & Co. KG	CaO	46 %	Calcium carbonate
		MgO	1,4 %	<i>Developed especially for the use on organic farms. Contains over 82 % CaCO<sub>3</sub> and 3 % MgCO<sub>3</sub></i>
Kohlensaurer Düngerkalk	Debus	CaCO <sub>3</sub>	77,3 %	Limestone meal
		CaO	43,3 %	<i>Reactivity &gt; 70 %</i>
		MgCO <sub>3</sub>	9,7 %	
Kohlensaurer Düngerkalk	LEHNER	CaO	56,3 %	Calcium carbonate
Kohlensaurer Düngerkalk	RT Recycling	CaCO <sub>3</sub>	70-80 %	Limestone meal; reactivity > 70 %
		CaO	40-45 %	
		MgCO <sub>3</sub>	2-5 %	
Kohlensaurer Düngerkalk (auch magnesiumhaltig)	Kalkwerk Hehlen	CaO	31-46 %	Shell limestone
		MgO	1,4-12 %	<i>Reactivity 60 %, long term effect</i>
Kohlensaurer Kalk	Müllerkalk	CaO	52,42 %	Lime stone
		MgO	2,13 %	<i>Calcium carbonate, earth-moist or dry, grinding fineness 0-0,09 mm</i>
Kohlensaurer Kalk 85, feinkörnig	Otterbein	DM	99,5 %	Calcium carbonate
		CaO	48,3 %	<i>Reactivity &gt; 45 %</i>
		MgO	1,5 %	
Kohlensaurer Kalk 85, microfein	Otterbein	DM	99,5 %	Calcium carbonate
		CaO	48,3 %	<i>Reactivity 100 %, DLG quality certificate, premium level</i>
		MgO	1,5 %	
		SiO <sub>2</sub>	9 %	
Kohlensaurer Magnesiumkalk	Wünschendorfer	DM	92-97 %	Dolomitic limestone
		CaO	29,7 %	<i>Available as dry and moistened</i>
		MgO	17,7 %	
Kohlensaurer Magnesiumkalk 80 (erdfeucht)	Hufgard	CaO	31 %	Natural lime
		MgO	12 %	<i>Moist: CaCO<sub>3</sub>: 55 %, MgCO<sub>3</sub>: 25 %</i>
Kohlensaurer Magnesiumkalk 90	Köhler Kalk	DM	96 %	Carbonic magnesium lime
		CaO	30 %	<i>Grain size 0-3 mm</i>
		MgO	21 %	<i>to determine application rates according to soil investigation results or VDLUFA standpoint</i>
Kohlensaurer Magnesiumkalk 90	Otterbein	DM	99,5 %	Calcium carbonate, carbonic magnesium lime
		CaO	42 %	<i>Reactivity &gt; 80 %</i>
		MgO	7,5 %	
		SiO <sub>2</sub>	6,1 %	
Kohlensaurer Magnesiumkalk 90 (trocken)	Hufgard	CaO	34 %	Natural lime
		MgO	14,5 %	<i>Dry: CaCO<sub>3</sub>: 60 %, MgCO<sub>3</sub>: 30 %</i>
Kohlensaurer Magnesiumkalk mit Schwefel 80/2	Wünschendorfer	DM	92-97 %	Naturally occurring dolomite, natural gypsum
		CaO	26,3 %	<i>Moistened. Suitable for application by disc spreader</i>
		MgO	15,8 %	
		S	2 %	
Lithovit Boden - Tribodyn Soil Fertilizer	Tribodyn	CaO	35 %	Limestone meal
		MgO	2 %	<i>Tribodynamic activated and micronized, highly energetic</i>
		Fe	1 %	
		Mn	0,02 %	
		SiO <sub>2</sub>	12 %	



Tradename	Company	Nutrient content		Composition, Remarks
Lordgrow	Sters	DM	99,96 %	Micronized calcit <i>Micronized calcite of natural origin</i>
		CaO	52,9 %	
		SiO <sub>2</sub>	1,75 %	
Magnesiumfein 50-30	Witteler GmbH & Co. KG	CaO	28 %	Calcium carbonate, magnesium carbonate <i>Consists of 50 % calcium carbonate and 30 % magnesium carbonate</i>
		MgO	15 %	
Magnesiumfein 60-25	Witteler GmbH & Co. KG	CaO	34 %	Calcium carbonate, magnesium carbonate <i>Consists of 60 % calcium carbonate and 25 % magnesium carbonate</i>
		MgO	12 %	
Magnesiumfein 65-15	Witteler GmbH & Co. KG	CaO	36,5 %	Calcium carbonate, magnesium carbonate <i>Consists of 65 % calcium carbonate and 15 % magnesium carbonate</i>
		MgO	7 %	
Magnesiumfein 75-10	Witteler GmbH & Co. KG	CaO	42 %	Calcium carbonate <i>Consists of 75 % calcium carbonate and 10 % magnesium carbonate</i>
		MgO	4,7 %	
MEERKALK	Hechenbichler	CaO	51 %	Calcium carbonate <i>Grained, 2-5 mm, low dust level, from high-quality, quickly effective chalk</i>
		MgO	1 %	
Meskalith® 50/35	NSM Naturstein	DM	95 %	Dolomite rock, ground <i>Neutralisation value 52 % CaO</i>
		CaO	28 %	
		MgO	17 %	
Microcal 80 - Kohlensaurer Kalk 80, angefeuchtet	Otterbein	DM	90 %	Calcium carbonate <i>Reaktivität &gt; 95 % DLG quality certificate, premium level</i>
		CaO	42 %	
		MgO	1,3 %	
		SiO <sub>2</sub>	8 %	
MILLIGRAN 95	Schneider	DM	95 %	Calcium carbonate-granulate <i>Finest round-corn granule, spreadable all year round, no visible lime residue in the cultures, loose, in 30 kg sack or 600 kg bigbag</i>
		CaO	52 %	
		MgO	1,5 %	
		SiO <sub>2</sub>	5 %	
MONTEX 80-90	MONTEX	DM	96 %	Dolomitic limestone <i>Long-term effect, levels dependent on the supplier; DLG-certified</i>
		CaO	28-45 %	
		MgO	3-20 %	
MONTEX Oeco-P 3-15	MONTEX	DM	96 %	Dolomitic limestone, apatite <i>Long-term effect, levels dependent on the supplier, DLG-certified</i>
		P <sub>2</sub> O <sub>5</sub>	3-15 %	
		CaO	28-34 %	
		MgO	0-14 %	
Natura Rasen- und Gartenkalk	MTD Products	DM	97 %	Calcium stone meal
		CaO	54 %	
		SiO <sub>2</sub>	5 %	
NORDWEISSPERLE	VKD	CaO	46,5 %	Calcium carbonate, magnesium carbonate <i>Granulated calcium carbonate, containing magnesium; DLG-certified 148422L-01</i>
		MgO	2,4 %	
Okerkalk 80/5 - Kohlensaurer Kalk 85, magnesiumhaltig	Oker	DM	97,7 %	Oker lime (main component calcium carbonate and magnesium carbonate) <i>Reactivity 60 %; basic active ingredients 85 %, neutralisation value 48 %</i>
		CaO	44,8 %	
		MgO	2,4 %	
ÖKOPHOS-PLUS	DüKa	P <sub>2</sub> O <sub>5</sub>	5 %	Carbonic magnesium lime, soft ground rock phosphate, calcium sulphate <i>Granulate</i>
		CaO	21 %	
		MgO	7 %	
		S	4 %	

Tradename	Company	Nutrient content		Composition, Remarks
OMYA CALCIPRILL 100	VKD	CaO	45,9 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated calcium carbonate, containing magnesium, 2-5 mm</i>
		MgO	5,25 %	
OMYA CALCIPRILL 105	VKD	CaO	49 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated calcium carbonate, containing magnesium, 2-5 mm, DLG-certified 148422L-04</i>
		MgO	2,4 %	
OMYA CALCIPRILL 110	VKD	CaO	51,5 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated calcium carbonate, 2-5 mm</i>
		MgO	0,7 %	
OMYA MAGPRILL 80	VKD	CaO	34 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated carbonic magnesium lime, 2-5 mm</i>
		MgO	15 %	
OMYA MAGPRILL 90	VKD	CaO	38 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated carbonate of magnesium lime, 2-5 mm</i>
		MgO	12 %	
OmyaPro Calcium	Omya	CaO	50 %	Calcium carbonate <i>Foliar fertilizer from natural calcium carbonate</i>
optiflor 80/10	Hauri	CaO	52 %	Calcium carbonate, dolomite <i>Granulated and powder</i>
		MgO	5 %	
Physiomag	Timac DE	CaO	32 %	Magnesium carbonate (Dolomite), shell limestone <i>With a stimulator of activity of plants based on vegetal extracts</i>
		MgO	11 %	
Physiomax	Timac DE	CaO	44 %	Calcium carbonate <i>Calcium carbonate from the sea (shell limestone), with a stimulator of activity of plants based on vegetal extracts</i>
		MgO	3 %	
Phytosol®	Phytosolution	CaO	27 %	Suspension of micronised CaCO <sub>3</sub> (calcium carbonate)
		Fe	0,007 %	
		SiO <sub>2</sub>	0,2 %	
PlantVitality	Buchrucker Hygiene	DM	99,8 %	Natural marine limestone
		CaO	34 %	
		Fe	1,95 %	
		SiO <sub>2</sub>	20,64 %	
ProGrow®-Plant KO 56	Progress Agrar	DM	99,1 %	Shell limestone from oysters <i>For all agricultural and horticultural crops</i>
		CaO	62,67 %	
Qualitätsmuschelkalk 75	Witteler GmbH & Co. KG	CaO	43 %	Calcium carbonate, magnesium carbonate <i>Natural lime with a calcium carbonate content of more than 75 %</i>
		MgO	1 %	
Qualitätsmuschelkalk 80	Witteler GmbH & Co. KG	CaO	45 %	Calcium carbonate <i>Natural lime with a calcium carbonate content of more than 80 %</i>
Rasenkalk gekörnt 25 kg	gpi green partners international	CaCO <sub>3</sub>	95 %	Calcium carbonate
RoPro-Startfit	Christoph Fischer	DM	100 %	Calcium carbonate <i>Enhances photosynthesis performance and fruit development - decreases drought stress. Application starting at 3-leaf-state or at vegetation start</i>
		OS	0,21 %	
		CaO	48 %	

Tradename	Company	Nutrient content		Composition, Remarks
Rothaarkalk® 80+5+2S	Witteler GmbH & Co. KG	DM	97 %	Calcium carbonate, calcium magnesium carbonate, Casovit®
		CaO	45 %	
		MgO	2,4 %	
		S	2 %	
Rothaarkalk® 80+5S	Witteler GmbH & Co. KG	DM	97 %	Calcium carbonate, sulphur
		CaO	45 %	
		S	5 %	
Rothaarkalk® 90 + 2S	Witteler GmbH & Co. KG	CaO	51 %	'Rothaarkalk® 95', 'Casovit®' <i>Pure calcium carbonate with over 90 % CaCO<sub>3</sub> and an addition of natural sulphur by admixing "Casovit®"</i>
		S	2 %	
Rothaarkalk® 90 + 5	Witteler GmbH & Co. KG	DM	97 %	Calcium carbonate, magnesium carbonate
		CaO	50,6 %	
		MgO	2,5 %	
Rothaarkalk® 95	Witteler GmbH & Co. KG	DM	97 %	Calcium carbonate
		CaO	54 %	
Rüdersdorfer Magnesiumkalk	VKD	CaO	23 %	Magnesium lime
		MgO	12 %	
Rügener Kreidekalk 80	VKD	CaO	44,8 %	Chalk lime <i>Chalk lime 90 % reactivity; DLG-certified 148422R-03</i>
RWZ-BasiCal	RWZ Rhein-Main	DM	87,4 - 97,78 %	Calcium carbonate <i>Calcium carbonate, earth-moist, dry, grinding fineness 0-0,09 mm / 0,1-0,7 mm / 0,7-1,3 mm / 0-1 mm / 0-2 mm</i>
		CaO	42 - 54,07 %	
RWZ-BasiMag	RWZ Rhein-Main	DM	97,97 %	Calcium carbonate, magnesium carbonate <i>Calcium carbonate, earth-moist, dry, grinding fineness: 0-0,05 mm / 0-0,09 mm / 0-2 mm</i>
		CaO	26,9 - 40,82 %	
		MgO	13,12 - 16,01 %	
Söka I	VKD	CaO	47,6 %	Chalk lime <i>Chalk lime &gt; 80 % reactivity</i>
Söka II	VKD	CaO	48 %	Chalk lime, dolime <i>Chalk lime 80 % reactivity</i>
		MgO	2,4 %	
Söka III	VKD	CaO	39,2 %	Chalk lime, dolime <i>Mixture of chalk lime and limestone</i>
		MgO	7,2 %	
Sulphacal Bio - Kohlensaurer Kalk 65 mit 2% Schwefel, angefeuchtet	Otterbein	DM	90 %	Calcium carbonate, calcium sulphate <i>Reactivity &gt; 40 %</i>
		CaO	36 %	
		S	2 %	
Travertin-Kalk 75	Witteler GmbH & Co. KG	DM	97 %	Calcium carbonate
		CaO	42,2 %	
		MgO	0,5 %	
Tribocare-Calcite	Agrostim	DM	99,9 %	Calcite <i>Tribodynamic activated, highly energized</i>
		CaO	41,7 %	
		MgO	3 %	
		Fe	0,25 %	
		Mn	0,02 %	
		Zn	0,0026 %	
		SiO <sub>2</sub>	5 %	
Wendesser Kreidekalk Kohlensaurer Kalk 85	Oker	DM	96,1 %	Chalk lime (main component calcium carbonate) <i>Reactivity 80 %; basic active ingredients 87.1 %, neutralisation value 48.1 %</i>
		CaO	48,1 %	
		MgO	0,57 %	

**1-6-1-1 Limestone**

Tradename	Company	Nutrient content		Composition, Remarks
FERTEOS IV	Timac DE	P2O5	17 %	<i>Mixture of marine limestone, soft ground rock phosphate and a stimulator of soil microbial activity based on vegetal extracts</i>
		CaO	39 %	
RoPro-Startfit	Christoph Fischer	DM	100 %	Calcium carbonate <i>Enhances photosyntheseis performance and fruit development - decreases drought stress. Application starting at 3-leaf-state or at vegetation start</i>
		OS	0,21 %	
		CaO	48 %	

**1-6-1-2 Calcified seaweed**

Tradename	Company	Nutrient content		Composition, Remarks
Algen	Jadis	DM	99,5 %	Lithothamnium <i>100 % lithothamnium</i>
		OS	7 %	
		CaO	44,6 %	
		MgO	5,2 %	
Hasolit® Kombi	Biolchim	CaO	35,8 %	Seaweed lime
		MgO	5,2 %	
Spower® BioAktiv	Spower	DM	100 %	Marine limestone, sulphur, copper sulphate, zinc sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, in 600 kg one-loop bigbag. Steady sulphur supply</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		CaO	45,3 %	
		S	12 %	
		Cu	0,25 %	
		Mn	0,055 %	
		Mo	0,005 %	
		Zn	0,35 %	
SiO2	1,35 %			
Vitalisierender Meereskalk Plus	Deutsche Cuxin	CaO	46,8 %	Calcium carbonate
		MgO	3,2 %	

**1-6-2 Magnesium carbonate**

Tradename	Company	Nutrient content		Composition, Remarks
AMN AlliumMag	Mack	DM	19,1 %	Garlic water extract, magnesium sulphate <i>Highly concentrated plant extract to improve resistance, vitalization and magnesium supply</i>
		OS	7,21 %	
		MgO	4,78 %	
		S	3,55 %	
Bittersalz 5 kg	gpi green partners international	MgO	16 %	Magnesium sulphate <i>Against needle blight</i>
		S	13 %	
CARBO-ECO Mg	Phytosolution	MgO	5 %	Magnesium sulphate
		S	4 %	
DEMETIAS IV	Timac DE	K2O	12 %	<i>Kieserite with potassium sulphate, contains micro-nutrients with a stimulator of growth / development of plants based on vegetal extracts</i>
		MgO	8 %	
		S	10,4 %	
		B	0,2 %	
		Zn	0,19 %	
EPSO Bortop®	K+S Minerals and Agriculture	MgO	12,6 %	Epsom salt, boric acid
		S	10 %	
		B	4 %	

Tradename	Company	Nutrient content		Composition, Remarks
EPSO Combitop®	K+S Minerals and Agriculture	MgO	13 %	Magnesium sulphate with manganese and zinc <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13,6 %	
		Mn	4 %	
		Zn	1 %	
EPSO Microtop®	K+S Minerals and Agriculture	MgO	15 %	Magnesium sulphate with boron and manganese <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	12,4 %	
		B	0,9 %	
		Mn	1 %	
EPSO Top®	K+S Minerals and Agriculture	MgO	16 %	Magnesium sulphate (also known as epsom salt) <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13 %	
ESTA® Kieserit "fein"	K+S Minerals and Agriculture	MgO	27 %	Kieserite <i>Natural magnesium sulphate</i>
		S	22 %	
ESTA® Kieserit "gran"	K+S Minerals and Agriculture	MgO	25 %	Kieserite <i>Natural magnesium sulphate</i>
		S	20 %	
FERTEOS I	Timac DE	CaO	38 %	<i>Mixture of limestone - standard quality with kieserite contains micro-nutrients and a stimulator of soil microbial activity based on vegetal extracts</i>
		MgO	4 %	
		Mo	0,08 %	
		Zn	0,19 %	
Gärtner's Bittersalz 2,5 kg, 5 kg, 10 kg	gpi green partners international	MgO	16 %	Magnesium sulphate
		S	13 %	
Harzer Magnesiumkalk 50/40	VKD	CaO	28 %	Magnesium lime
		MgO	21,5 %	
INPULSE II	Timac DE	N	4 %	<i>NPK Organo-mineral fertilizer with a stimulator of growth / development of plants based on vegetal extracts</i>
		P2O5	2 %	
		K2O	6 %	
		MgO	3 %	
Kohlensaurer Magnesiumkalk	Müllerkalk	CaO	34,78 %	Dolomite rock <i>Calcium magnesium carbonate, earth-moist or dry, grinding fineness 0-0,09 mm / 0-2 mm</i>
		MgO	16,56 %	
Kohlensaurer Magnesiumkalk 80 (erdfeucht)	Hufgard	CaO	31 %	Natural lime <i>Moist: CaCO3: 55 %, MgCO3: 25 %</i>
		MgO	12 %	
Kohlensaurer Magnesiumkalk 90 (trocken)	Hufgard	CaO	34 %	Natural lime <i>Dry: CaCO3: 60 %, MgCO3: 30 %</i>
		MgO	14,5 %	
Patentkali® "gran"	K+S Minerals and Agriculture	K2O	30 %	Potassium sulphate and kieserite (also known as 'potassium-magnesia') <i>The classic; for highest quality in the cultivation of potatoes, fruits and vegetables</i>
		MgO	10 %	
		S	17 %	
Patentkali® + Bor	K+S Minerals and Agriculture	K2O	30 %	Potassium sulphate, boron
		MgO	8 %	
		S	16,4 %	
		B	0,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
Physiomag	Timac DE	CaO	32 %	Magnesium carbonate (Dolomite), shell limestone <i>With a stimulator of activity of plants based on vegetal extracts</i>
		MgO	11 %	
Phytosol®-Duo	Phytosolution	DM	59 %	Micronized dolomite <i>Suspension of micronised dolomite rock</i>
		CaO	18,5 %	
		MgO	12,5 %	
		SiO2	0,18 %	
PK 15-10+5 (2) MgO+ 5,2 S	Timac DE	P2O5	15 %	Soft ground rock phosphate <i>Soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		K2O	10 %	
		MgO	5 %	
		S	5,2 %	
Riwa Pflanze	AGRAREngel	MgO	15 %	Boric acid, manganese sulfate
		S	12,4 %	
		Mn	1 %	
Rüdersdorfer Magnesiumkalk	VKD	CaO	23 %	Magnesium lime
		MgO	12 %	
SANBIO® EPSOMIT	Sanbos	DM	63 %	Magnesium sulphate
		OS	21 %	
		MgO	16 %	
		S	13 %	
SANBIO® PLANTA	Sanbos	DM	72 %	Epsom salt, extract from algae, bacterial solution
		OS	48 %	
		N	1,27 %	
		K2O	10,4 %	
		MgO	12,2 %	
		Na	3,04 %	
		S	11,4 %	
Wolf Trax Magnesium DDP 30%	VKD	MgO	50 %	Magnesium oxide, magnesium sulphate, magnesium carbonate <i>For fertilizer coating</i>
<b>1-6-3 Sulphur</b>				
Tradename	Company	Nutrient content		Composition, Remarks
Agro S-Linsen	agowert	S	87 %	Elementary sulphur, bentonite
AKRA Sulpur+	Karner	S	51,3 %	Elemental sulphur
AktiCal-Oeco	MONTEX	DM	90,2 %	Calcium sulphate <i>Finely ground natural gypsum rock</i>
		Ca	20 %	
		S	12 %	
CARBO-ECO Mg	Carbotecnia	MgO	5 %	Magnesium sulphate
		S	4 %	
Casovit®	Witteler GmbH & Co. KG	CaO	33 %	Calcium sulphate <i>Natural product consisting of calcium sulphate</i>
		S	18 %	
DEMETIAS IV	Timac DE	K2O	12 %	<i>Kieserite with potassium sulphate, contains micro-nutrients with a stimulator of growth / development of plants based on vegetal extracts</i>
		MgO	8 %	
		S	10,4 %	
		B	0,2 %	
		Zn	0,19 %	
DEMETIAS V	Timac DE	P2O5	9 %	<i>PK fertiliser with soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		K2O	14 %	
		S	4,4 %	
		Zn	0,19 %	

Tradename	Company	Nutrient content		Composition, Remarks
DüKa Bio-Gypsum	DüKa	DM	90-91 %	Calcium sulphate <i>Calcium sulphate (Anhydrite); product is not alkaline effective, but delivers water-soluble sulphur and structurally effective calcium</i>
		Ca	25 %	
		S	20 %	
DüKa Naturgipskorn	DüKa	S	16 %	<i>Calcium sulphate granulated from natural gypsum (2-6 mm) contains water-soluble sulphur and structurally effective calcium</i>
DüKa-Gülleschwefel	DüKa	S	80 %	Elemental sulphur <i>Admixture to slurry (liquid manure)</i>
DüKa-Sgran 90	DüKa	S	90 %	Elemental sulphur
EPSO Bortop®	K+S Minerals and Agriculture	MgO	12,6 %	Epsom salt, boric acid
		S	10 %	
		B	4 %	
EPSO Combitop®	K+S Minerals and Agriculture	MgO	13 %	Magnesium sulphate with manganese and zinc
		S	13,6 %	<i>Natural magnesium sulphate</i>
		Mn	4 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Zn	1 %	
EPSO Microtop®	K+S Minerals and Agriculture	MgO	15 %	Magnesium sulphate with boron and manganese
		S	12,4 %	<i>Natural magnesium sulphate</i>
		B	0,9 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Mn	1 %	
EPSO Top®	K+S Minerals and Agriculture	MgO	16 %	Magnesium sulphate (also known as epsom salt)
		S	13 %	<i>Natural magnesium sulphate</i>
				<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
Erbers Schwefellinge	ERBER AGRO	S	87 %	Elemental sulphur, bentonite
ESTA® Kieserit "fein"	K+S Minerals and Agriculture	MgO	27 %	Kieserite
		S	22 %	<i>Natural magnesium sulphate</i>
ESTA® Kieserit "gran"	K+S Minerals and Agriculture	MgO	25 %	Kieserite
		S	20 %	<i>Natural magnesium sulphate</i>
FARMSO4	Farmgreen	S	56 %	Elemental sulphur
FERTEOS II	Timac DE	K2O	29 %	<i>Mixture of magnesian limestone with potassium sulphate and calcium sulphate with stimulator of soil microbial activity based on vegetal extracts</i>
		CaO	3 %	
		MgO	10 %	
		S	11,2 %	
GranuGips®	GFR mbH	DM	100 %	Calcium sulphate
		Ca	28 %	<i>Natural calcium and sulphur fertilizer, granulated</i>
		S	20 %	
Grinver Zolfo 87	Biolchim	S	87 %	Sulphur, bentonite
HanseBiosulfur	Hanseplant	S	50 %	Natural elemental sulphur <i>The sulphur originates from a bacterial desulphurisation process</i>
Harzer Naturgips Anhydrit	Remmert	DM	99,3 %	Natural gypsum, crystal water
		CaO	39,2 %	<i>Calcium- and sulphur fertiliser,</i>
		S	28 %	<i>pH-neutral, Ca++ for crumb formation, finely ground as foliar fertilizer with Ca++ and S directly for cell development</i>

Tradename	Company	Nutrient content		Composition, Remarks
Harzer Naturgips Dihydrat	Remmert	CaO	32,2 %	Natural gypsum-dihydrat, crystal water <i>Calcium- and sulphur fertiliser, pH-neutral, Ca++ for crumb formation, finely ground as foliar fertilizer with Ca++ and S directly for cell development</i>
		S	20 %	
HORTISUL®	K+S Minerals and Agriculture	K2O	52 %	Potassium sulphate <i>The potassium foliar fertilizer for chloride-sensitive crops</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	18 %	
KALISOP® "fein" max. 1,0 % Cl	K+S Minerals and Agriculture	K2O	50 %	Potassium sulphate <i>Natural potassium sulphate from crude salt</i>
		S	18 %	
KALISOP® Premium gran.	K+S Minerals and Agriculture	K2O	50 %	Potassium sulphate
		S	17,5 %	
Naturgips	GFR mbH	Ca	21 %	Calcium sulphate-dihydrate, natural accompanying materials, free moisture <i>Natural calcium- and sulphur fertilizer, pit moist</i>
		S	15 %	
Naturgips	Hufgard	CaO	25 %	Calcium sulfate
		S	14 %	
OmniCult Gölleschwefel	OmniCult	S	98,5 %	Elemental sulphur
OmniCult Schwefel flüssig	OmniCult	S	57 %	Elemental sulphur
OmniCult Schwefel-Linsen	OmniCult	S	90 %	Elemental sulphur, bentonite
OMYA CALCIPRILL S 14	VKD	CaO	45 %	Sulphur, calcium carbonate <i>Natural calcium- and sulphur fertiliser, granulated 2-5 mm</i>
		S	14 %	
Patentkali® "gran"	K+S Minerals and Agriculture	K2O	30 %	Potassium sulphate and kieserite (also known as 'potassium-magnesia') <i>The classic; for highest quality in the cultivation of potatoes, fruits and vegetables</i>
		MgO	10 %	
		S	17 %	
Patentkali® + Bor	K+S Minerals and Agriculture	K2O	30 %	Potassium sulphate, boron
		MgO	8 %	
		S	16,4 %	
		B	0,5 %	
PhytoGreen®-Schwefel800	Phytosolution	S	56 %	Elemental sulphur <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
Pig-S®	LEHNER	S	88 %	Elemental sulphur, bentonite
PK 15-10+5 (2) MgO+ 5,2 S	Timac DE	P2O5	15 %	Soft ground rock phosphate <i>Soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		K2O	10 %	
		MgO	5 %	
		S	5,2 %	
Polysulfat	ICL Fertilizers	DM	99,5 %	Calcium sulphate, potassium sulphate, magnesium sulphate, sodium chloride
		K2O	14 %	
		CaO	17 %	
		MgO	6 %	
		Na	2 %	
		S	19 %	
		B	0,01 %	



Tradename	Company	Nutrient content		Composition, Remarks
SANBIO® EPSOMIT	Sanbos	DM	63 %	Magnesium sulphate
		OS	21 %	
		MgO	16 %	
		S	13 %	
SANBIO® PLANTA	Sanbos	DM	72 %	Epsom salt, extract from algae, bacterial solution
		OS	48 %	
		N	1,27 %	
		K <sub>2</sub> O	10,4 %	
		MgO	12,2 %	
		Na	3,04 %	
S	11,4 %			
SCHWEDOKAL®90 Granulat	BvG	DM	100 %	Elemental sulphur, bentonite
		S	90 %	
SCHWEFAL® flüssig	Intrachem	S	46,1 %	Elemental sulphur
SCHWEFAL® Schwefel-Linsen	Intrachem	S	87 %	Elemental sulphur, bentonite <i>Granules for spreading</i>
Schwefel gepresst	Biolchim	S	87 %	Sulphur, bentonite
Schwefelfix 800	Witteler GmbH & Co. KG	S	56 %	Elemental sulphur
Schwefellinsen	Biofa	S	88 %	Elemental sulphur, bentonite
		Fe	0,93 %	
soluSOP® 52 organic	K+S Minerals and Agriculture	K <sub>2</sub> O	52 %	Potassium sulphate
		S	18 %	
Spower® BioLife	Spower	DM	100 %	Marine limestone, sulphur <i>2-5 mm round grain in 600 kg one-loop bigbag with inlay</i>
		CaO	36 %	
		S	30 %	
Sulfogran®	BvG	DM	100 %	Elemental sulphur, bentonite
		S	90 %	
Sulfogran® S + B	BvG	DM	100 %	Elemental sulphur <i>Fertilizer granulate from elemental sulphur, with addition of boron and bentonite</i>
		S	77 %	
		B	2 %	
SULFOGRANULAT	Hechenbichler	S	90 %	Sulphur, bentonite <i>Evenly ground 2-4 mm, low dust level</i>
Sulfogüll® plus	BvG	DM	100 %	Elemental sulphur, bentonite
		S	90 %	
SulfoLins®	BvG	DM	100 %	Elemental sulphur <i>Fertilizer granulate from elemental sulphur, with addition of boron and bentonite</i>
		S	90 %	
Sulfolins® S + B	BvG	DM	100 %	Elemental sulphur, bentonite, boron pentahydrate
		S	80 %	
		B	2 %	
Sulfosoil®	BvG	S	90 %	Elemental sulphur, bentonite
SULGRAN PLUS®	Witt-Handels- vertretung	DM	95 %	Liquid sulphur, activated bentonite
		S	min. 90 %	
SULGRAN PLUS® mit BOR	Witt-Handels- vertretung	S	77 %	Liquid sulphur, bor, activated bentonite
		B	2 %	
Veni Biosulfur	Koppert	S	50 %	Natural sulphur <i>Bacterial desulphurisation process</i>
Wigor S - elementarer Schwefel S90	AGREX	DM	99 %	Elemental sulphur <i>For a sustained supply of sulphur to the soil. In addition to sulphate fertilization, not as a substitute</i>
		S	90 %	

Tradename	Company	Nutrient content		Composition, Remarks
Wigor S + B; Düngemittelgranulat mit Schwefel, Bor und Bentonit	AGREX	DM	99 %	Elemental sulphur, borax pentahydrate <i>Application of elemental sulphur and boron in one operation</i>
		S	77 %	
		B	2 %	

## 1-8 Foliar fertilizers and trace elements

Tradename	Company	Nutrient content		Composition, Remarks
AGROLINIJA-S	UAB Biodinamika	DM	5,6 %	Compost from litter cattle manure, humic acids
		OS	54 %	
		N	3,75 %	
		P2O5	1,95 %	
BetaB®	Biolchim	DM	48 %	Sugar beet molasses, molasses contents, rich in betaine, ekstrakt from Macrocystis integrifolia <i>Amino acids of vegetal origin and molasses rich in betaines</i>
		OS	19 %	
		N	1,5 %	
		K2O	6,1 %	
BIO PROJECT ID 0.9	BioKimia	N	1 %	Aminoacids of vegetable origin, parts of yeast cell walls, copper sulphate 25 %, brown algae cream <i>Fluid yeast extract with brown algae, obtained by extraction with water and copper salt</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	3 %	
BIO PROJECT MT 0.9	BioKimia	N	1 %	Amino acids of vegetable origin from fluid yeast extract, amino acids from metabolites from four different strains of Bacillus subtilis, brown algae cream, copper sulphate (25 % Cu), zinc sulphate monohydrate, iron sulphate, manganese sulphate monohydrate <i>Fluid yeast extract with brown algae, obtained by extraction with water, iron salt (sulphate), manganese salt (sulphate) and zinc salt (sulphate)</i>
		Cu	1 %	
		Fe	0,5 %	
		Mn	0,3 %	
		Zn	1,1 %	
DEHNER BOR	Lebosol	B	11 %	Boron <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
Fulvital® Plus Liquid	Humintech	DM	24,7 %	Sulphur, lignin sulphonic acid, iron, zinc, manganese, copper
		OS	52,5 %	
		N	0,5 %	
		Cu	0,17 %	
		Fe	1,7 %	
		Mn	0,9 %	
		Zn	1,4 %	
Fylloton	Biolchim	DM	55,8 %	Plant amino acids, seaweed extract, water, beet molasses
		OS	43,4 %	
		N	6 %	

Tradename	Company	Nutrient content		Composition, Remarks
HUMIC LIFE	UAB Biodinamika	DM	6,2 %	Humic-/fulvic acids from leonardite, Compost from cattle manure
		N	2,7 %	
		P2O5	10,9 %	
		K2O	6,5 %	
		B	0,05 %	
		Co	0,02 %	
		Cu	0,04 %	
		Fe	0,16 %	
		Mn	0,05 %	
		Mo	0,03 %	
Zn	0,1 %			
Huminext FULVO	WLG	DM	24,7 %	Lignin sulphonic acid <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		OS	52,5 %	
LeboCal Hepta	Lebosol	CaO	12,8 %	Calcium chloride, manganese, zinc <b>Against bitter pip in apples</b>
		Mn	0,5 %	
		Zn	0,5 %	
LEBOSOL®- Bor	Lebosol	B	11 %	Boron <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
PHYTAVIS HeptaMangan	Lebosol	Mn	5 %	Manganese <i>Use only upon actual manganese requirement. Do not exceed the recommended application rate</i>
Profi Bor 150	Lebosol	B	11 %	Boron ethanolamine
Raiwa Bor	Lebosol	B	11 %	Boron ethanolamine <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
TOP FARM MnCu	Timac DE	Cu	3,3 %	Manganese nitrate, copper nitrate, algae extract <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Mn	4,9 %	
<b>1-8-1 Foliar fertilizers</b>				
Tradename	Company	Nutrient content		Composition, Remarks
4Plants bio MgO+S-Kombi BIO	AGROsolution	DM	33,8 %	Magnesium sulphate, calcium carbonate
		OS	< 1 %	
		CaO	8,3 %	
		MgO	5,8 %	
		S	5 %	
4Plants bio Wein- und Obst-Kombi BIO	AGROsolution	DM	52 %	Magnesium sulphate/carbonate, calcium carbonate, zinc sulphate, iron carbonate, manganese carbonate
		CaO	6,7 %	
		MgO	9,3 %	
		S	4 %	
		Fe	3,3 %	
		Mn	2,3 %	
activane®	LIDA	OS	40 %	Vegetable amino acids
		N	2 %	

Tradename	Company	Nutrient content		Composition, Remarks
AGRO C+ Blattdünger	Gute Ernte	DM	100 %	Calcite <i>Fertilizer type according to German fertilizer law (1611)</i>
		CaO	54,7 %	
		MgO	01 %	
		Fe	0,1 %	
		SiO2	0,1 %	
AKRA Blatt	Karner	MgO	6 %	Sulphates - Fe, Cu, Zn, Mn, Mg <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
		S	12 %	
		Cu	0,8 %	
		Fe	1,5 %	
		Mn	0,7 %	
		Zn	0,4 %	
Alginure®-Vital	Tilco	DM	16 %	Algae extract, vinasse, leonardite <i>Algae extract, humic acid and vegetable amino acids</i>
		OS	13 %	
		N	0,8 %	
		K2O	1,4 %	
ASPIDA	OFM	CaO	10 %	Sulphur, lime
		S	20 %	
Beiselen TOP Bor 150	Lebosol	B	11 %	Boron
Beiselen TOP Mangan 150	Lebosol	S	6,37 %	Sulphur, manganese <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Mn	11 %	
Bio-Plantosol®	Phytosolution	OS	25 %	Vegetable protein hydrolysate
		N	4 %	
Bioresan R.A.	agrel	DM	3 %	Water, plant extracts from lavender, walnut, lemon balm
		OS	14,5 %	
		N	3,11 %	
CARBO-ECO K	Phytosolution	K2O	20 %	Potassium sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
CARBO-ECO Mg	Carbotecnia	MgO	5 %	Magnesium sulphate
		S	4 %	
CARBO-ECO Mg	Phytosolution	MgO	5 %	Magnesium sulphate
		S	4 %	
CARBO-ECO POTASI K	Carbotecnia	K2O	20 %	Potassium sulphate
		S	8,6 %	
Diaglutin® Fe flüssig	Biofa	N	1 %	Iron sulphate, vegetable protein hydrolysate, citric acid
		Fe	5 %	
Diaglutin® Mg flüssig	Biofa	N	1 %	Magnesium sulphate, vegetable protein hydrolysate
		Mg	5 %	
DüKa-DOLOSUL 80 WG	DüKa	S	80 %	Elemental sulphur <i>Water soluble granules</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
EPSO Bortop®	K+S Minerals and Agriculture	MgO	12,6 %	Epsom salt, boric acid
		S	10 %	
		B	4 %	

Tradename	Company	Nutrient content		Composition, Remarks
EPSO Combitop®	K+S Minerals and Agriculture	MgO	13 %	Magnesium sulphate with manganese and zinc <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13,6 %	
		Mn	4 %	
		Zn	1 %	
EPSO Microtop®	K+S Minerals and Agriculture	MgO	15 %	Magnesium sulphate with boron and manganese <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	12,4 %	
		B	0,9 %	
		Mn	1 %	
EPSO Top®	K+S Minerals and Agriculture	MgO	16 %	Magnesium sulphate (also known as epsom salt) <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13 %	
Fertileader Opal	Timac DE	Mn	4,8 %	Manganese nitrate, zinc nitrate, molasses, algae extract <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Zn	3,5 %	
Fulvital® Plus WSP	Humintech	OS	63 %	Zinc(II) sulphate monohydrate, copper(II) sulphate pentahydrate, manganese(II) sulphate monohydrate, iron(II) sulphate heptahydrate
		N	2,22 %	
		K <sub>2</sub> O	0,87 %	
		S	3,35 %	
		Cu	1,1 %	
		Fe	4,53 %	
		Mn	2,68 %	
		Zn	2,97 %	
Harzer Naturgips Anhydrit	Remmert	DM	99,3 %	Natural gypsum, crystal water <i>Calcium- and sulphur fertiliser, pH-neutral, Ca<sup>++</sup> for crumb formation, finely ground as foliar fertilizer with Ca<sup>++</sup> and S directly for cell development</i>
		CaO	39,2 %	
		S	28 %	
Harzer Naturgips Dihydrat	Remmert	CaO	32,2 %	Natural gypsum-dihydrat, crystal water <i>Calcium- and sulphur fertiliser, pH-neutral, Ca<sup>++</sup> for crumb formation, finely ground as foliar fertilizer with Ca<sup>++</sup> and S directly for cell development</i>
		S	20 %	
herbagreen® classic	Sanovita	DM	99 %	Calcite from natural deposits <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		P <sub>2</sub> O <sub>5</sub>	0,1 %	
		K <sub>2</sub> O	0,1 %	
		CaO	38,3 %	
		MgO	2,1 %	
		Na	0,04 %	
		S	0,2 %	
		Fe	3,1 %	
		Mn	< 0,1 %	
		SiO <sub>2</sub>	14,3 %	

Tradename	Company	Nutrient content		Composition, Remarks
herbagreen® Z20	Sanovita	DM	99 %	Calcite <i>Mixture of calcite</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		P2O5	0,05 %	
		K2O	1,54 %	
		CaO	37,2 %	
		MgO	1,25 %	
		S	0,03 %	
		Fe	1,95 %	
		SiO2	20,6 %	
IPUSagro Quattro P 400	IPUS	DM	99,7 %	Ground calcium carbonate, ground limestone, clinoptilolite-zeolite <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		OS	< 0,1 %	
		CaO	43,4 %	
		MgO	5,3 %	
IPUSagro Quattro P 500	IPUS	DM	> 97 %	Natural calcite, natural limestone, natural clinoptilolite, hyper phosphate
		OS	0,01 %	
		P2O5	0,71 %	
		CaO	39,9 %	
		MgO	7,4 %	
Kaishi	Sumi Agro	OS	16 %	Vegetal protein hydrolysate <i>Leaf fertilizer with glycine, betaine and proline. Aminogram: L-Glutamic Acid, L-Aspartic Acid, L-Alanine, L-Arginine, L-Cystine, L-Phenylalanine, Glycine, L-Histidine, L-Isoleucine, L-Leucine, L-Lysine, L-Methionine, L-Proline, L-Serine, L-Tyrosine, L-Threonine, L-Tryptophan, L-Valine</i>
		N	2 %	
LEBOSOL®- AqueBor SC (Mo)	Lebosol	B	9,5 %	Boron, disodium tetraborate, molybdenum <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Mo	0,75 %	
LEBOSOL®- Calcium	Lebosol	CaO	16,7 %	Calcium chloride solution <b>Against bitter pip in apples</b>
LEBOSOL®- HeptaEisen	Lebosol	Fe	4,5 %	Iron <i>Use only upon actual iron requirement. Do not exceed the recommended application rate</i>
LEBOSOL®- HeptaKupfer	Lebosol	Cu	5 %	Copper <b>Only for single application on soils or in cultures with proven copper deficiency</b>
LEBOSOL®- Hepta Mangan	Lebosol	Mn	5 %	Manganese <i>Use only upon actual manganese requirement. Do not exceed the recommended application rate</i>
LEBOSOL®- HeptaZink	Lebosol	Zn	6 %	Zinc <i>Use only upon actual zinc requirement. Do not exceed the recommended application rate</i>
LEBOSOL®- Kupfer 350 SC	Lebosol	Cu	24,2 %	Copper <b>Only for single application on soils or in cultures with proven copper deficiency</b>

Tradename	Company	Nutrient content		Composition, Remarks
LEBOSOL®- Magnesium 400 SC	Lebosol	MgO	25 %	Magnesium carbonate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
LEBOSOL®- Mangan 500 SC	Lebosol	Mn	27,9 %	Manganese carbonate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
LEBOSOL®- Molybdän	Lebosol	Mo	15,6 %	Sodium molybdate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
LEBOSOL®- QuadroMaxS SC	Lebosol	S	19,4 %	Sulphur, manganese, copper, zinc <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	5,1 %	
		Mn	8 %	
		Zn	6,4 %	
LEBOSOL®- Schwefel 800 SC	Lebosol	S	56 %	Elemental sulphur <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
LEBOSOL®- Zink 700 SC	Lebosol	Zn	40 %	Zinc oxide <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
Lithovit Amino 25 – Tribodyn Foliar Fertilizer	Tribodyn	N	3 %	Lime stone meal mit trace nutrients, vegetable amino acids <i>Tribodynamic activated and micronized, highly energetic</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		CaO	28 %	
		MgO	1,8 %	
		Fe	1 %	
		Mn	0,02 %	
		SiO2	9 %	
Lithovit Boron 05 – Tribodyn Foliar Fertilizer	Tribodyn	CaO	28 %	Limestone meal with trace nutrients, extra boron <i>Tribodynamic activated and micronized, highly energetic. Upon evidence of boron deficiency</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		MgO	1,8 %	
		B	5 %	
		Fe	1 %	
		Mn	0,02 %	
		SiO2	9 %	
Lithovit Forte – Tribodyn Foliar Fertilizer	Tribodyn	CaO	35 %	Limestone meal with trace nutrients <i>Superfine milled and thereby even better tribodynamic activated and micronized, highly energetic</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		MgO	2 %	
		Fe	1 %	
		Mn	0,02 %	
		SiO2	12 %	
Lithovit Standard – Tribodyn Foliar Fertilizer	Tribodyn	CaO	35 %	Limestone meal with trace nutrients <i>Tribodynamic activated and micronized, highly energized</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		MgO	2 %	
		Fe	1 %	
		Mn	0,02 %	
		SiO2	12 %	

Tradename	Company	Nutrient content		Composition, Remarks
Phytoamin®	Lebosol	DM	9 %	Sea algae extract <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		OS	4,5 %	
		N	0,05 %	
		K <sub>2</sub> O	1,35 %	
		S	0,15 %	
PhytoGreen®-Schwefel800	Phytosolution	S	56 %	Elemental sulphur <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
Phytosol®	Phytosolution	CaO	27 %	Suspension of micronised CaCO <sub>3</sub> (calcium carbonate)
		Fe	0,007 %	
		SiO <sub>2</sub>	0,2 %	
Phytosol®-Duo	Phytosolution	DM	59 %	Micronized dolomite <i>Suspension of micronised dolomite rock</i>
		CaO	18,5 %	
		MgO	12,5 %	
		SiO <sub>2</sub>	0,18 %	
Plantagreenpower	Ingenieurbüro Lüdicke	K <sub>2</sub> O	0,11 %	Calcite
		CaO	96,26 %	
		MgO	0,98 %	
		Fe	0,24 %	
Plantagreenpower	Tectra	K <sub>2</sub> O	0,11 %	Calcite
		CaO	96,26 %	
		MgO	0,98 %	
		Na	0,27 %	
		Fe	0,24 %	
ProLiq® AminoCalcio	Belchim	DM	38,5 %	Water, vegetal protein hydrolysate, manganese chloride, zinc chloride <b>Against bitter pip in apples</b>
		Mn	0,5 %	
		Zn	0,5 %	
		CaCl	30 %	
ProLiq® Calcium LQ	Belchim	DM	36,6 %	Water, calcium chloride, potassium citrate <b>Against bitter pip in apples</b>
		CaCl	34,6 %	
Silixol Master	Green Seal	N	2,4 %	
		P <sub>2</sub> O <sub>5</sub>	1,4 %	
		K <sub>2</sub> O	1,56 %	
		CaO	1,7 %	
		MgO	0,2 %	
		SiO <sub>2</sub>	6,2 %	
Solu-K 52	Salinen Austria	DM	99,9 %	Potassium sulphate
		K <sub>2</sub> O	52 %	
		S	18 %	
stemicol forte	LIDA	OS	30 %	Amino acids
		N	1,1 %	
Tribocare F	HBCO	CaO	21,4 %	Calcite 800 g/l, Ca- and Mg-carbonates, trace elements <i>Foliar fertilizer with micronized calcite in new liquid formulation</i>
		MgO	3,8 %	
<b>1-8-2 Trace element fertilizers</b>				
Tradename	Company	Nutrient content		Composition, Remarks
ACTIAPIA-E	Biodevas	DM	2,6 %	Manganese sulphate, zinc sulphate
		Mn	1 %	
		Zn	1 %	



Tradename	Company	Nutrient content		Composition, Remarks
ACTIBOSCA-E	Biodevas	DM	2,6 %	Manganese sulphate, zinc sulphate
		Mn	1 %	
		Zn	1 %	
ACTIFOLIA-E	Biodevas	DM	2,6 %	Manganese sulphate, zinc sulphate
		Mn	1 %	
		Zn	1 %	
ACTIFRUCTA-E	Biodevas	DM	2,6 %	Manganese sulphate, zinc sulphate
		Mn	1 %	
		Zn	1 %	
ACTIVERAL	Biodevas	DM	10,3 %	Zinc sulphate - zinc pidolate, plant extracts, copper pidolate, manganese pidolate, sodium borate, sodium molybdenum
		B	0,1 %	
		Cu	0,5 %	
		Mn	0,5 %	
		Mo	0,01 %	
		Zn	16 %	
AKRA Plus 9 Frucht	Karner	S	3,5 %	Sulphates - Fe, Cu, Zn, Mn, Mg, Na, Mo <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Cu	0,5 %	
		Fe	1,5 %	
		Mn	0,5 %	
		Mo	0,2 %	
		Zn	0,6 %	
AKRA Saat	Karner	Na	0,22 %	Sulphates - Fe, Cu, Zn, Mn, Mg, Na <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Cu	1,5 %	
		Fe	0,2 %	
		Mn	1,2 %	
		Zn	0,012 %	
AKRA Stroh R+P+K	Karner	Cu	0,3 %	Sulphates - Fe, Cu, Zn, Mn, Na, Mo <i>With megatherium phosphoric and frateuria aurantia bacteria</i>
		Fe	0,4 %	
		Mn	0,5 %	
		Mo	0,1 %	
		Zn	0,6 %	
Alginin Vital® SpE	Intrachem	MgO	2 %	Magnesium sulphate, iron sulphate, manganese sulphate, zink sulphate
		S	7 %	
		Fe	2 %	
		Mn	2 %	
		Zn	1 %	
BIOR PH 3,5	BIAGRO	Fe	1 %	Fulvic acids, trace elements
		Mn	0,5 %	
		Zn	0,5 %	
BOLERO	SDP	B	9,5 %	Sodium borate
CARBO-ECO Cu	Carbotecnia	Cu	5 %	Copper sulphate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
codacátricos	SAS	Fe	2 %	Trace elements
		Mn	2 %	
		Zn	2 %	
codaquel	SAS	Mn	3,5 %	Trace elements
		Zn	3,5 %	
Eisen(II)-Sulfat	AGREX	DM	54,6 %	Iron(II) sulphate <i>Trace element fertiliser for the prevention, respectively termination of iron deficiency</i>
		Fe	19,5 %	
EPSO Bortop®	K+S Minerals and Agriculture	MgO	12,6 %	Epsom salt, boric acid
		S	10 %	
		B	4 %	

Tradename	Company	Nutrient content		Composition, Remarks
EPSO Combitop®	K+S Minerals and Agriculture	MgO	13 %	Magnesium sulphate with manganese and zinc <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13,6 %	
		Mn	4 %	
		Zn	1 %	
EPSO Microtop®	K+S Minerals and Agriculture	MgO	15 %	Magnesium sulphate with boron and manganese <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	12,4 %	
		B	0,9 %	
		Mn	1 %	
ERNIA 2.0	Biodevas	DM	3,2 %	Plant extracts, zinc sulphate, manganese sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Mn	1 %	
		Zn	1 %	
EXCELLO-331	Jost	CaO	28,9 %	CaO, MgO, Zn, Mn, Mo, B <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		MgO	11,7 %	
		B	1 %	
		Mn	3 %	
		Mo	0,005 %	
		Zn	3 %	
EXCELLO-Basis	Jost	CaO	31,2 %	Carbonated magnesium lime, copper oxide, zinc oxide, manganese oxide, iron oxide, sodium molybdate, calcium borate, rock flour (rock salt) <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		MgO	10,2 %	
		Na	0,15 %	
		S	3 %	
		B	0,25 %	
		Cu	2,5 %	
		Fe	0,25 %	
		Mn	0,25 %	
		Zn	2,5 %	
Fertileader Opal	Timac DE	Mn	4,8 %	Manganese nitrate, zinc nitrate, molasses, algae extract <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Zn	3,5 %	
Flower Power	Stoller	Cu	0,5 %	Water, copper sulphate, zinc oxide, citric acid <i>Promotes cell division in all young tissues. Improves flower quality. Helps maintain pollen fertility at high temperatures</i>
		Zn	1,5 %	
FOLCROP COMBI	SAS	B	0,30 %	Mixture of trace elements
		Cu	0,12 %	
		Fe	4 %	
		Mn	2 %	
		Mo	0,08 %	
		Zn	0,50 %	
FOLCROP Zn-Mn	SAS	Mn	3,5 %	Mixture of trace elements
		Zn	3,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
Fulvital® Plus Liquid	Humintech	DM	24,7 %	Sulphur, lignin sulphononic acid, iron, zinc, manganese, copper
		OS	52,5 %	
		N	0,5 %	
		Cu	0,17 %	
		Fe	1,7 %	
		Mn	0,9 %	
		Zn	1,4 %	
Fulvital® Plus WSP	Humintech	OS	63 %	Zinc(II) sulphate monohydrate, copper(II) sulphate pentahydrate, manganese(II) sulphate monohydrate, iron(II) sulphate heptahydrate
		N	2,22 %	
		K <sub>2</sub> O	0,87 %	
		S	3,35 %	
		Cu	1,1 %	
		Fe	4,53 %	
		Mn	2,68 %	
Zn	2,97 %			
GERMA	Biodevas	DM	2,6 %	Plant extracts, manganese sulphate, zinc sulphate
		Mn	1 %	
		Zn	1 %	
GRAMOMICRO-DEPOT	Haifa North West	B	0,4 %	Ferrous sulphate, copper sulphate, zinc sulphate, manganese sulphate <b>Only for fertilization of growing media and potting soils</b>
		Cu	1 %	
		Fe	15 %	
		Mn	2 %	
		Mo	0,05 %	
Zn	0,87 %			
GREEN FORGE	Stoller	Mo	0,3 %	Zinc sulphate, sodic molybdate <i>Antioxidant, reduces stress as it regulates the synthesis of the plant hormone ethylene and intervenes in the production of abscisic acid</i>
		Zn	1,7 %	
HF-Natrel Comp	Wenz GmbH	Cu	2 %	Copper, iron, manganese and zinc as complex of lignosulfonate, molybdenum <i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Fe	2 %	
		Mn	5 %	
LARVASOIL LIQUIDE ORGANIC	Biodevas	DM	42,8 %	Manganese sulphate, zinc sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Mn	1 %	
		Zn	1 %	
LARVASOIL MICROGRANULES ORGANIC	Biodevas	DM	64,6 %	Corn cobs, plant extracts, soya oil, zinc sulphate, manganese sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Mn	1 %	
		Zn	1 %	
MC BORON	Biodevas	DM	4 %	Boron
		B	6 %	
MICROCAT GOLD	Atlántica Agrícola	B	0,5 %	Sodium molybdate, sodium octoborate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Mo	1,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
Micromax® Premium	ICL Deutschland	MgO	12 %	Iron(II) sulphate monohydrate, magnesium carbonate, magnesium sulphate, manganese sulphate monohydrate, copper sulphate, zinc sulphate monohydrate, borax, sodium molybdate
		S	16 %	
		B	0,2 %	
		Cu	1 %	
		Fe	15 %	
		Mn	2,5 %	
		Mo	0,04 %	
		Zn	1 %	
MINERBIO	Biodevas	DM	2 %	Manganese pidolate, sodium borate, copper pidolate, iron pidolate, plant extracts, zinc pidolate, sodium molybdate
		B	6 %	
		Cu	6 %	
		Fe	4 %	
		Mn	6,5 %	
		Mo	0,5 %	
		Zn	1 %	
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II) -sulphate, Zn-sulphate, Cu-sulphate, water, sodium-molybdate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		OS	60 %	
		N	2 %	
		S	7,3 %	
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	
NATURE	Stoller	Mn	0,5 %	Zinc oxide, manganese chloride <i>Designed to be used by foliar applications on zinc and manganese deficiencies</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Zn	1,5 %	
N-BALANCER	Stoller	B	9 %	Boric acid, sodic molybdate <i>Stimulates sugar transport to the main reserve organs so that the plant slows down its vegetative growth</i>
		Mo	0,03 %	
NBX CEREAL	Stoller	B	8 %	Boric acid, sodic molybdate <i>Controls excessive vegetative growth, increases stem width and promotes tillering and spike development</i>
		Mo	0,02 %	
OMNIPIA-E	Biodevas	DM	2,1 %	Manganese sulphate, zinc sulphate
		Mn	1,3 %	
		Zn	1,3 %	
OMNIBOSCA-E	Biodevas	DM	2,1 %	Manganese sulphate, zinc sulphate
		Mn	1,3 %	
		Zn	1,3 %	
OMNIFOLIA-E	Biodevas	DM	2,1 %	Manganese sulphate, zinc sulphate
		Mn	1,3 %	
		Zn	1,3 %	
OMNIFRUCTA-E	Biodevas	DM	2,1 %	Manganese sulphate, zinc sulphate
		Mn	1,3 %	
		Zn	1,3 %	
ORGANIX	Biodevas	DM	2,4 %	Plant extracts, sodium borate
		B	1,2 %	
		Zn	0,28 %	

Tradename	Company	Nutrient content		Composition, Remarks
Patentkali® + Bor	K+S Minerals and Agriculture	K <sub>2</sub> O	30 %	Potassium sulphate, boron
		MgO	8 %	
		S	16,4 %	
		B	0,5 %	
PHYTALEX MZ	AGRIDAEUS	Cu	2 %	Copper sulphate, manganese sulphate, zinc sulphate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Mn	1 %	
		Mo	0,01 %	
		Zn	1 %	
PhytoGreen®-HopfenMix	Phytosolution	S	19 %	Manganese, boron (borethanolamine), sulphur, zinc <i>Highly concentrated nutrient mixture for leaf and soil fertilization of hop plants. Optimum composition for all growth stages</i>
		B	2,5 %	
		Mn	3,2 %	
		Zn	11,3 %	
PhytoGreen®-Nährstoff Beize	Phytosolution	N	1-3,5 %	Vinsasse or molasses, manganese, molybdenum, zinc, calcium magnesium carbonate <i>Available in different compositions for seed treatment of cereals, oilseed rape, maize, potatoes, grasses, legumes and pumpkin</i>
		P <sub>2</sub> O <sub>5</sub>	0,1 %	
		K <sub>2</sub> O	1-3 %	
		Ca	0-3,2 %	
		Mg	0-2 %	
		S	0,2-2 %	
		B	0,2-1,5 %	
		Cu	0-2 %	
		Mn	3-12 %	
		Mo	0,1-0,3 %	
		Zn	0-6 %	
POLYFLYS	Biodevas	DM	17,1 %	Plant extracts, zinc sulphate, manganese sulphate
		Mn	1 %	
		Zn	1 %	
Profi Mangan Plus	Lebosol	S	6,7 %	Sulphur, manganese sulphate
		Mn	11,4 %	
Quentisan® BoS	Intrachem	S	14 %	Boron, elemental sulphur
		B	8 %	
Quentisan® CuS	Intrachem	S	34 %	Elemental sulphur, copper, zinc <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	10 %	
		Zn	0,5 %	
REDAFORCE	Biodevas	DM	2,4 %	Plant extracts, manganese pidolate, copper pidolate, zinc pidolate, ferrous pidolate, sodium borate, sodium molybdate
		B	0,01 %	
		Cu	0,25 %	
		Fe	0,25 %	
		Mn	3 %	
		Mo	0,005 %	
		Zn	0,25 %	
REGULSER ECO	Servalesa	Mn	1 %	Water, citric acid, zinc sulphate, manganese sulphate Product only available in Spain
		Zn	1 %	
Saproplant	Saproplant	OS	21 %	Sapropel (digested sludge) <i>Fertiliser and micro-nutrient, soil improving agent</i>
		N	1,1 %	
		P <sub>2</sub> O <sub>5</sub>	0,16 %	
		K <sub>2</sub> O	0,06 %	
		Mg	0,12 %	
		S	0,32 %	
		Fe	1,73 %	
		Mn	0,02 %	

Tradename	Company	Nutrient content		Composition, Remarks
SERGOMAX	Servalesa	Cu	1,8 %	Copper sulphate, manganese sulphate, zinc sulphate
		Mn	0,8 %	
		Zn	0,5 %	
SOLUM COMBI	SAS	Fe	2 %	Trace elements liquid mix
		Mn	2,2 %	
		Zn	2,2 %	
STIMIX	Biodevas	DM	2,4 %	Plant extracts, sodium borate
		B	3 %	
SUPRAAPIA	Biodevas	DM	2,1 %	Sodium borate
		B	1,2 %	
SUPRABOSCA	Biodevas	DM	2,1 %	Sodium borate
		B	1,2 %	
		Cu	1,2 %	
TOP FARM MnZn	Timac DE	Mn	4,8 %	Manganese nitrate, zinc nitrate, molasses, seaweed extract
		Zn	3,5 %	
				<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
VIGOR CONTROL	Stoller	B	9 %	Boric acid, sodic molybdate <i>Primarily stimulates sugar transport to the main reserve organs, forcing the plant to slow down its vegetative growth</i>
		Mo	0,03 %	
VITALoSol® GOLD SC	Lebosol	S	36 %	Sulphur, manganese, copper
		Cu	2,4 %	
		Mn	9,6 %	
Wolf Trax Cropmix DDP	VKD	B	2 %	Manganese chloride and -sulphate, zinc sulphate and -oxide, sodium tetraborate, boric acid, potassium tetraborate and tetrahydrate, copper sulphate and -oxide <i>For the coating of mineral fertilisers and application with a sprayer</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Cu	1 %	
		Mn	18 %	
		Zn	17 %	
XANIA	Biodevas	DM	2,6 %	Manganese sulphate, zinc sulphate
		Mn	1 %	
		Zn	1 %	

#### 1-8-2-1 Trace element fertilizers for potting soils

Tradename	Company	Nutrient content		Composition, Remarks
Borsäure	AGREX	DM	86 %	Boron oxide <i>Trace element fertiliser for the prevention, respectively termination of boron deficiency; synonym orthoboric acid</i>
		B	17,5 %	
codamix	SAS	B	0,3 %	Mix of trace elements
		Cu	0,12 %	
		Fe	4 %	
		Mn	2 %	

Tradename	Company	Nutrient content		Composition, Remarks
Fulvital® Plus Liquid	Humintech	DM	24,7 %	Sulphur, lignin sulphonic acid, iron, zinc, manganese, copper
		OS	52,5 %	
		N	0,5 %	
		Cu	0,17 %	
		Fe	1,7 %	
		Mn	0,9 %	
		Zn	1,4 %	
Fulvital® Plus WSP	Humintech	OS	63 %	Zinc(II) sulphate monohydrate, copper(II) sulphate pentahydrate, manganese(II) sulphate monohydrate, iron(II) sulphate heptahydrate
		N	2,22 %	
		K <sub>2</sub> O	0,87 %	
		S	3,35 %	
		Cu	1,1 %	
		Fe	4,53 %	
		Mn	2,68 %	
Zn	2,97 %			
GRAMOMICRO-DEPOT	Haifa North West	B	0,4 %	Ferrous sulphate, copper sulphate, zinc sulphate, manganese sulphate <b>Only for fertilization of growing media and potting soils</b>
		Cu	1 %	
		Fe	15 %	
		Mn	2 %	
		Mo	0,05 %	
		Zn	0,87 %	
Kupfersulfat	AGREX	DM	61,5 %	Copper sulphate <i>Trace element fertiliser for the prevention, respectively termination of copper deficiency</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	23-25,4 %	
Mangansulfat	AGREX	DM	89 %	Manganese <i>Trace element fertiliser for the prevention, respectively termination of manganese deficiency</i>
		S	18,97 %	
		Mn	mind. 31 %	
Micromax® Premium	ICL Deutschland	MgO	12 %	Iron(II) sulphate monohydrate, magnesium carbonate, magnesium sulphate, manganese sulphate monohydrate, copper sulphate, zinc sulphate monohydrate, borax, sodium molybdate
		S	16 %	
		B	0,2 %	
		Cu	1 %	
		Fe	15 %	
		Mn	2,5 %	
		Mo	0,04 %	
Zn	1 %			
RADIGEN	Jost	MgO	5 %	Carbonic magnesium lime, metal alloys, -oxides, -sulphates, calcium borate, sodium molybdate <i>Micronutrient depot fertiliser. Special mixtures with different nutrient contents possible</i> <b>Only for fertilization of growing media and potting soils</b>
		B	0,6 %	
		Cu	1,5 %	
		Fe	2 %	
		Mn	1 %	
		Mo	0,8 %	
		Zn	0,5 %	
Zinksulfat	AGREX	Zn	35,6 %	Zinc sulphate <i>Trace element fertiliser for the prevention, respectively termination of zinc deficiency</i>

1-8-3 Boron fertilizers				
Tradename	Company	Nutrient content		Composition, Remarks
Biota-Boron	Biota Nutri	DM	3 %	Potassium borate, acetic acids
		OS	5 %	
		K <sub>2</sub> O	17,2 %	
		B	4,1 %	
Borsäure	AGREX	DM	86 %	Boron oxide <i>Trace element fertiliser for the prevention, respectively termination of boron deficiency; synonym orthoboric acid</i>
		B	17,5 %	
BvG-Bor 17,4 G	BvG	DM	100 %	Boric acid
		B	17,4 %	
CaB	Stoller	CaO	12 %	Calcium chlorodide, boric acid <i>Supply of calcium and boron to ensure correct physiological development of flowering, fruit growth and fruit. Strengthens cell membranes</i> <b>Against bitter pip in apples</b>
		B	1 %	
DEMETIAS IV	Timac DE	K <sub>2</sub> O	12 %	<i>Kieserite with potassium sulphate, contains micro-nutrients with a stimulator of growth / development of plants based on vegetal extracts</i>
		MgO	8 %	
		S	10,4 %	
		B	0,2 %	
		Zn	0,19 %	
DüKa-Bor 150 flüssig	DüKa	B	11 %	Boron ethanolamine <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
DüKa-Bordünger 17,4	DüKa	B	17,4 %	Boric acid <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
EPSO Bortop®	K+S Minerals and Agriculture	MgO	12,6 %	Epsom salt, boric acid
		S	10 %	
		B	4 %	
EPSO Microtop®	K+S Minerals and Agriculture	MgO	15 %	Magnesium sulphate with boron and manganese <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	12,4 %	
		B	0,9 %	
		Mn	1 %	
humecfol	LIDA	B	2 %	Boric acid
InnoFert® Bor flüssig	ADOB	B	11 %	Boric acid
Intrachem Bor 17,4 G	Intrachem	B	17,4 %	Boric acid <i>Boron fertilizer, microgranules for spraying</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
MANVERT BORO	Biovert SL	B	10 %	Boric acid, monoethanolamine 80% <i>Liquid solution formulated in boron ethanolamine form to correct boron deficiencies and promote the processes in which this element is involved</i>



Tradename	Company	Nutrient content		Composition, Remarks
Microfert-Bor	AGREX	DM	86 %	Boron oxide <i>Trace element fertiliser for the prevention, respectively termination of boron deficiency. Synonym orthoboric acid</i>
		B	17,5 %	
Patentkali® + Bor	K+S Minerals and Agriculture	K2O	30 %	Potassium sulphate, boron
		MgO	8 %	
		S	16,4 %	
		B	0,5 %	
PHYTAVIS Bor 150	Lebosol	B	11 %	Boron <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
PhytoGreen®-Bor	Phytosolution	B	11 %	Boron ethanolamine <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
Provita Bor	Beckmann & Brehm	B	11 %	Boron ethanolamine <i>Boron ethanolamine liquid</i>
Quentisan® Bor 15 fl	Intrachem	B	11 %	Boron
Sedumin® Bor-Vital B5	Wobecon	DM	95 %	Calcium borate, cocoa husks, grapeseed flour, dry grind, aspiration waste from grain processing, humic substances from worms, zeolithe, seaweed extract <i>Slow release boron ground fertiliser, organic-mineral</i>
		OS	45 %	
		N	2 %	
		P2O5	1 %	
		K2O	1 %	
		B	5 %	
Spower® BioLife Bor	Spower	DM	100 %	Wigor S+B, zinc sulphate, copper sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply. Micronutrient supply via the root, also as row fertilizer</i>
		CaO	31 %	
		S	30 %	
		B	0,5 %	
		Cu	0,25 %	
		Mn	0,05 %	
		Mo	0,005 %	
		Zn	0,35 %	
		SiO2	1,35 %	
Sulfogran® S + B	BvG	DM	100 %	Elemental sulphur <i>Fertilizer granulate from elemental sulphur, with addition of boron and bentonite</i>
		S	77 %	
		B	2 %	
TOP FARM B	Timac DE	B	6,5 %	Molasses, boron ethanolamine, seaweed extract
Wigor S + B; Düngemittelgranulat mit Schwefel, Bor und Bentonit	AGREX	DM	99 %	Elemental sulphur, borax pentahydrate <i>Application of elemental sulphur and boron in one operation</i>
		S	77 %	
		B	2 %	
Wolf Trax Bor DDP 18,5%	VKD	B	18,5 %	Sodium borate, tetraborate, boric acid <i>Foliar treatment for apple trees with proven calcium deficiency</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>

1-8-4 Calcium fertilizers				
Tradename	Company	Nutrient content		Composition, Remarks
4Plants Calciumchloridlösung	AGROsolution	DM	36 %	Water, calcium chloride <b>Against bitter pip in apples</b>
		K2O	< 0,5 %	
		CaO	18 %	
ADUR	Timac Agro	DM	58 %	Calcium chloride solution <b>Against bitter pip in apples</b>
		CaO	15 %	
Alginin Vital® Ca12	Intrachem	DM	44 %	Water, calcium chloride <b>Against bitter pip in apples</b>
		OS	9,7 %	
		CaO	17 %	
CARBO-ECO Ca	Phytosolution	CaO	8 %	Seaweed extract (Ascophyllum nodosum), calcium carbonate
Diaglutin® Ca flüssig	Biofa	CaO	8 %	Seaweed extract (Ascophyllum nodosum), water-soluble calcium oxide
FLORACAL	PLYMAG	CaO	35 %	Calcium carbonate
		pH	7,7	
Harzer Naturgips Anhydrit	Remmert	DM	99,3 %	Natural gypsum, crystal water <i>Calcium- and sulphur fertiliser, pH-neutral, Ca++ for crumb formation, finely ground as foliar fertilizer with Ca++ and S directly for cell development</i>
		CaO	39,2 %	
		S	28 %	
Harzer Naturgips Dihydrat	Remmert	CaO	32,2 %	Natural gypsum-dihydrat, crystal water <i>Calcium- and sulphur fertiliser, pH-neutral, Ca++ for crumb formation, finely ground as foliar fertilizer with Ca++ and S directly for cell development</i>
		S	20 %	
NaturalGreen	Yves Kessler	CaO	44,1 %	Calcium carbonate
		MgO	3,42 %	
		Cu	0,004 %	
		Fe	0,5 %	
		SiO2	11 %	
NUTROPIT	BIAGRO	CaO	13 %	Calcium chloride <b>Against bitter pip in apples</b>
ORGANIUM CALPLUS 35	Laboratorios	DM	60 %	Calcium carbonate <i>Liquid fertilizer especially indicated for the supply of calcium to the soil and the plant</i>
	Econatur	CaO	35 %	
Phytosol®	Phytosolution	CaO	27 %	Suspension of micronised CaCO3 (calcium carbonate)
		Fe	0,007 %	
		SiO2	0,2 %	
Phytosol®-Duo	Phytosolution	DM	59 %	Micronized dolomite <i>Suspension of micronised dolomite rock</i>
		CaO	18,5 %	
		MgO	12,5 %	
		SiO2	0,18 %	
Simply Calcio	NUTRICROP	CaO	35 %	Calcium carbonate, water, thickener <i>Organic calcium fertiliser. Product sold in Spain</i>
Spower® BioAktiv	Spower	DM	100 %	Marine limestone, sulphur, copper sulphate, zinc sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, in 600 kg one-loop bigbag. Steady sulphur supply</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		CaO	45,3 %	
		S	12 %	
		Cu	0,25 %	
		Mn	0,055 %	
		Mo	0,005 %	
		Zn	0,35 %	
		SiO2	1,35 %	

Tradename	Company	Nutrient content		Composition, Remarks
Ulmer Weiß	Wenz GmbH	CaO	55,55 %	Calcium carbonate
		MgO	0,336 %	
VIGOR CaB	Stoller	CaO	12 %	Calcium chloride, boric acid <i>Calcium and boron intake to ensure correct physiological development of flowering, fruit set and fruit. Strengthens cell walls</i>
		B	1 %	
<b>1-8-5 Iron fertilizers</b>				
Tradename	Company	Nutrient content		Composition, Remarks
AMN Optiferrum®	Mack	Fe	6 %	Water, fir trees bark extract <i>Natural iron chelate to compensate for deficiencies and create equilibria in the soil</i>
CARBO-ECO Fe	Carbotecnia	Fe	5 %	Iron sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
CARBO-ECO Fe	Phytosolution	Fe	5 %	Iron sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
Diaglutin® Fe flüssig	Biofa	N	1 %	Iron sulphate, vegetable protein hydrolysate, citric acid
		Fe	5 %	
Eisen(II)-Sulfat	AGREX	DM	54,6 %	Iron(II) sulphate <i>Trace element fertiliser for the prevention, respectively termination of iron deficiency</i>
		Fe	19,5 %	
Fruitspeed Fe	ökohum GmbH	OS	29 %	Iron sulphate, olive marc, ground clay, post-extraction rapeseed meal, Plantalg Fe, phyto meal, cocoa husks
		N	1,6 %	
		P2O5	0,8 %	
		K2O	1,3 %	
		CaO	0,3 %	
		MgO	0,3 %	
		S	11,2 %	
		Fe	7,27 %	
HF-Natrel Comp	Wenz GmbH	Cu	2 %	Copper, iron, manganese and zinc as complex of lignosulfonate, molybdenum <i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Fe	2 %	
		Mn	5 %	
Microfert-Eisen	AGREX	DM	54,6 %	Iron sulphate <i>trace element fertiliser for the prevention, respectively termination of iron deficiency</i>
		MgO	1,16 %	
		S	12,1 %	
		Fe	19,5 %	
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II) -sulphate, Zn-sulphate, Cu-sulphate, water, sodium-molybdate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		OS	60 %	
		N	2 %	
		S	7,3 %	
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	

Tradename	Company	Nutrient content		Composition, Remarks
PH CONTROL ECO	BIAGRO	OS	20 %	Sodium lignosulfate, ferreus sulphate
		Fe	2 %	
Wolf Trax Eisen DDP 47%	VKD	Fe	47 %	Iron oxide, iron sulphate <i>For fertilizer coating, seed coating, sprayer</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>

### 1-8-6 Magnesium fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
Diaglutin® Mg flüssig	Biofa	N	1 %	Magnesium sulphate, vegetable protein hydrolysate
		Mg	5 %	
EPSO Bortop®	K+S Minerals and Agriculture	MgO	12,6 %	Epsom salt, boric acid
		S	10 %	
		B	4 %	
EPSO Combitop®	K+S Minerals and Agriculture	MgO	13 %	Magnesium sulphate with manganese and zinc <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13,6 %	
		Mn	4 %	
		Zn	1 %	
EPSO Microtop®	K+S Minerals and Agriculture	MgO	15 %	Magnesium sulphate with boron and manganese <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	12,4 %	
		B	0,9 %	
		Mn	1 %	
EPSO Top®	K+S Minerals and Agriculture	MgO	16 %	Magnesium sulphate (also known as epsom salt) <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13 %	
ESTA® Kieserit "gran"	K+S Minerals and Agriculture	MgO	25 %	Kieserite <i>Natural magnesium sulphate</i>
		S	20 %	

### 1-8-7 Manganese fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
AM-ECO	Agrometodos	Mn	3 %	Manganese sulphate monohydrate
CARBO-ECO Mn	Carbotecnia	Mn	5 %	Manganese sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
CARBO-ECO Mn	Phytosolution	Mn	5 %	Manganese sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>

Tradename	Company	Nutrient content		Composition, Remarks
EPSO Combitop®	K+S Minerals and Agriculture	MgO	13 %	Magnesium sulphate with manganese and zinc <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13,6 %	
		Mn	4 %	
		Zn	1 %	
EPSO Microtop®	K+S Minerals and Agriculture	MgO	15 %	Magnesium sulphate with boron and manganese <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	12,4 %	
		B	0,9 %	
		Mn	1 %	
EVAN	SCL Italia	Mn	20 %	Manganese carbonate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
HF-Natrel Comp	Wenz GmbH	Cu	2 %	Copper, iron, manganese and zinc as complex of lignosulfonate, molybdenum <i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Fe	2 %	
		Mn	5 %	
Mangansulfat	AGREX	DM	89 %	Manganese <i>Trace element fertiliser for the prevention, respectively termination of manganese deficiency</i>
		S	18,97 %	
		Mn	mind. 31 %	
MAN-TOP®	agroplanta	S	2,6 %	Water-soluble manganese <i>Water-soluble manganese as a complex of lignosulfonate in humic technology formulation for rapid and efficient nutrient supplementation via leaf turning</i>
		Mn	10,8 %	
Microfert-Mangan	AGREX	DM	89 %	Manganese sulphate <i>Trace element fertiliser for the prevention, respectively termination of manganese deficiency</i>
		Mn	32,23 %	
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II)-sulphate, Zn-sulphate, Cu-sulphate, water, sodium-molybdate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		OS	60 %	
		N	2 %	
		S	7,3 %	
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	
PhytoGreen®-Mangan 27	Phytosolution	Mn	27 %	Micronized manganese carbonate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>

Tradename	Company	Nutrient content		Composition, Remarks
Wolf Trax Mangan DDP 33%	VKD	Mn	33 %	Manganese sulphate, manganese chloride, co-formulant <i>For fertilization coating, seed coating, sprayer</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
<b>1-8-8 Molybdenum fertilizers</b>				
Tradename	Company	Nutrient content		Composition, Remarks
FERTEOS I	Timac DE	CaO	38 %	<i>Mixture of limestone - standard quality with kieserite contains micro-nutrients and a stimulator of soil microbial activity based on vegetal extracts</i>
		MgO	4 %	
		Mo	0,08 %	
		Zn	0,19 %	
FOLICIN-Mo	Jost	Mo	39,6 %	Sodium molybdate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
HF-Natrel Comp	Wenz GmbH	Cu	2 %	Copper, iron, manganese and zinc as complex of lignin sulphonate, molybdenum <i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Fe	2 %	
		Mn	5 %	
Microfert-Natrium-Molybdat (Molybdän)	AGREX	DM	50,85 %	Sodium molybdate <i>Trace element fertiliser for the prevention, respectively termination of molybdenum deficiency</i>
		Mo	39,58 %	
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II) -sulphate, Zn-sulphate, Cu-sulphate, water, sodium-molybdate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		OS	60 %	
		N	2 %	
		S	7,3 %	
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	
Natrium Molybdat (Molybdän)	AGREX	DM	50,85 %	Molybdenum <i>Trace element fertiliser for the prevention, respectively termination of molybdenum deficiency</i>
		Mo	39,58 %	
PhytoGreen®-Molybdän	Phytosolution	Mo	15,6 %	Molybdenum <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
Provita Molybdän	Beckmann & Brehm	Mo	16 %	Molybdenum <i>Molybdenum fertiliser solution</i>

Tradename	Company	Nutrient content		Composition, Remarks
Spower® BioP+	Spower	DM	100 %	Soft ground rock phosphate, sulphur, copper sulphate, zinc sulphate, manganese sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply</i>
		P2O5	18 %	
		CaO	28 %	
		S	10 %	
		Cu	0,42 %	
		Mn	0,2 %	
		Mo	0,032 %	
		Zn	0,6 %	
<b>1-8-9 Zinc fertilizers</b>				
Tradename	Company	Nutrient content		Composition, Remarks
Balio	Atlántica Agrícola	Zn	3 %	Zinc chloride <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
CARBO-ECO Zn	Carbotecnia	Zn	5 %	Zinc sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
CARBO-ECO Zn	Phytosolution	Zn	5 %	Zinc sulphate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
coda-Zn-L	SAS	Zn	8 %	Zinc sulphate
DEMETIAS III	Timac DE	P2O5	25 %	<i>Soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		Zn	0,19 %	
DEMETIAS IV	Timac DE	K2O	12 %	<i>Kieserite with potassium sulphate, contains micro-nutrients with a stimulator of growth / development of plants based on vegetal extracts</i>
		MgO	8 %	
		S	10,4 %	
		B	0,2 %	
		Zn	0,19 %	
DEMETIAS V	Timac DE	P2O5	9 %	<i>PK fertiliser with soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		K2O	14 %	
		S	4,4 %	
		Zn	0,19 %	
DEMETIAS VI	Timac DE	P2O5	25 %	<i>Soft ground rock phosphate with zinc and with a stimulator for growth / plant development on the basis of plant extracts</i>
		Zn	0,19 %	
EPSO Combitorp®	K+S Minerals and Agriculture	MgO	13 %	Magnesium sulphate with manganese and zinc <i>Natural magnesium sulphate</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		S	13,6 %	
		Mn	4 %	
		Zn	1 %	
FERTEOS I	Timac DE	CaO	38 %	<i>Mixture of limestone - standard quality with kieserite contains micro-nutrients and a stimulator of soil microbial activity based on vegetal extracts</i>
		MgO	4 %	
		Mo	0,08 %	
		Zn	0,19 %	
FOLCROP Zn	SAS	Zn	8 %	Lignin sulphonate, zinc

Tradename	Company	Nutrient content		Composition, Remarks
LASA	SCL Italia	Zn	20 %	Zinc oxide, zinc carbonate <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
MANVERT ECO-Zn	Biovert SL	Zn	6 %	Zinc sulphate <i>Liquid and completely complexed solution to correct zinc deficiencies and promote the processes in which this element is involved</i>
MICROCAT BAL	Atlántica Agrícola	Zn	3 %	Zinc chloride
Microfert-Zink	AGREX	Zn	35,6 %	Zinc sulphate <i>Trace element fertiliser for the prevention, respectively termination of zinc deficiency</i>
NUTRACEUTICO ZN	Agrometodos	DM	25 %	Zinc sulphate
		OS	19,7 %	
		Zn	3 %	
Orion KOLONIZER	Biodevas	Zn	5 %	Sugar, soy meal, zinc sulphate
PhytoGreen®-Zink 40	Phytosolution	Zn	40 %	Micronized zinc oxide <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
Wolf Trax Zink DDP 62%	VKD	Zn	62 %	Zinc oxide, zinc sulphate, co-formulant <i>For fertilization coating, seed coating, sprayer</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
Zinksulfat	AGREX	Zn	35,6 %	Zinc sulphate <i>Trace element fertiliser for the prevention, respectively termination of zinc deficiency</i>
<b>1-8-10 Copper fertilizers</b>				
Tradename	Company	Nutrient content		Composition, Remarks
CARBO-ECO Cu	Carbotecnia	Cu	5 %	Copper sulphate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
CARBO-ECO Cu	Phytosolution	Cu	5 %	Copper sulphate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
HF-Natrel Comp	Wenz GmbH	Cu	2 %	Copper, iron, manganese and zinc as complex of lignosulfonate, molybdenum <i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Fe	2 %	
		Mn	5 %	
Kupfer-Questuran flüssig	Certis Europe Deutschland	Cu	21,7 %	Copper hydroxide <b>Only for single application on soils or in cultures with proven copper deficiency</b>



Tradename	Company	Nutrient content		Composition, Remarks
Kupfersulfat	AGREX	DM	61,5 %	Copper sulphate <i>Trace element fertiliser for the prevention, respectively termination of copper deficiency</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	23-25,4 %	
Leaf Forte	Croptivate	DM	23 %	Copper sulphate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		OS	20 %	
		Cu	2 %	
MC COP	Biodevas	DM	2,5 %	Copper pidolate, plant extracts <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	1,5 %	
Microfert-Kupfer	AGREX	DM	61,5 %	Copper sulphate <i>Trace element fertiliser for the prevention, respectively termination of copper deficiency</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	23-25,4 %	
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II)-sulphate, Zn-sulphate, Cu-sulphate, water, sodium-molybdate <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		OS	60 %	
		N	2 %	
		S	7,3 %	
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	
PhytoGreen®-Cu256	Phytosolution	Cu	19,25 %	Copper oxichloride <b>Only for single application on soils or in cultures with proven copper deficiency</b>
PROCROP ISR	Solbiosur	Cu	4 %	Copper sulfate 25% <b>Only for single application on soils or in cultures with proven copper deficiency</b>
S-Chelate-O™ Cu - 13% Copper	Align Chemical	S	6 %	Elemental copper <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Cu	13 %	
Sergomil L60	Belchim	DM	45 %	Copper sulphate, sodium gluconate, algae extracts <b>Only for single application on soils or in cultures with proven copper deficiency</b>
		OS	15 %	
		Cu	5,5 %	
SERGOMIL L60 ECO	Servalesa	Cu	5,5 %	Water, copper sulphate, sodium ligno sulphonate Commercialization in Spain <b>Only for single application on soils or in cultures with proven copper deficiency</b>
Spower® BioP+	Spower	DM	100 %	Soft ground rock phosphate, sulphur, copper sulphate, zinc sulphate, manganese sulphate, sodium molybdate <i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply</i>
		P2O5	18 %	
		CaO	28 %	
		S	10 %	
		Cu	0,42 %	
		Mn	0,2 %	
		Mo	0,032 %	
		Zn	0,6 %	
Vitora Hydrocup 460 P	Genetti	Cu	46 %	Copper hydroxide <b>Only for single application on soils or in cultures with proven copper deficiency</b>

Tradename	Company	Nutrient content		Composition, Remarks
Wolf Trax Kupfer DDP 57,5%	VKD	Cu	57,5 %	Copper oxide, copper sulphate, co-formulant <i>For fertilizer coating, seed coating, sprayer</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>

## 1-9 Aids and additives

### 1-9-1 Stone meal

Tradename	Company	Nutrient content		Composition, Remarks
Actimin-BT	Solid'or	P2O5	0,69 %	Basalt <i>Basalt is finely ground</i>
		K2O	1,93 %	
		CaO	7,5 %	
		MgO	3,73 %	
		Na	3,03 %	
		Fe	7,56 %	
		Mn	0,13 %	
		Zn	0,01 %	
		SiO2	33,69 %	
agro-min B	Witteler GmbH & Co. KG	DM	98,9 %	Stone meal basalt
		P2O5	0,59 %	
		K2O	1,6 %	
		CaO	9,6 %	
		MgO	5,9 %	
		Na	4,6 %	
		Fe	7,8 %	
		SiO2	47 %	
agro-min D	Witteler GmbH & Co. KG	DM	99,1 %	Stone meal diabas
		CaO	8 %	
		MgO	13 %	
		Fe	9,9 %	
		SiO2	35 %	
agro-min G	Witteler GmbH & Co. KG	DM	100 %	Stone meal gabbro
		K2O	2,4 %	
		CaO	7,5 %	
		MgO	3 %	
		Na	4 %	
		Fe	5,8 %	
		SiO2	50 %	
Alginit aus Gêrce	TNR	DM	60-98 %	Alginit <i>Natural soil additive from the group of oil shale rocks, for soil structure improvement, increase of WHK (water holding capacity), CEC and biological activity</i>
		OS	ca. 19,4 %	
		CaO	20,5 %	
		MgO	7,4 %	
		S	0,4 %	
		Fe	3 %	
		SiO2	42 %	
Biodokal (granuliert)	DüKa	K2O	0,8 %	Ornatenton/dolomite
		CaO	32 %	
		MgO	11 %	
		SiO2	8 %	

Tradename	Company	Nutrient content		Composition, Remarks
Biofermin Nathrolith-Phonolith®	Schön	DM	99 %	Natrolite-phonolite primary rock meal <i>Can also be used as a feed additive, GMP- and QS quality mark</i>
		K2O	5,1 %	
		CaO	8,3 %	
		MgO	1 %	
		Na2O	5,9 %	
		SiO2	48,2 %	
		Fe2O3	4,1 %	
BIOLIT FEIN plus Urgesteinsmehl	Hartsteinwerk Kitzbühel	P2O5	0,56 %	Stonemeal from volcanic rock, lactic acid bacteria <i>Alkaline silicate primary rock flour from volcanic rock</i>
		K2O	0,48 %	
		CaO	2,72 %	
		MgO	3,25 %	
		Na	0,05 %	
		S	0,05 %	
		SiO2	50,94 %	
		Fe2O3	15,34 %	
BIOLIT ULTRAFEIN plus	Hartsteinwerk Kitzbühel	P2O5	0,56 %	Alkaline silicate primary rock flour, lactic acid bacteria <i>Alkaline silicate rock flour from volcanic rock. Ultrafine granulation up to 0.01 mm - suitable for plant sprayers</i>
		K2O	0,48 %	
		CaO	2,72 %	
		MgO	3,25 %	
		S	0,05 %	
		SiO2	50,94 %	
		Fe2O3	15,34 %	
Diabas Urgesteinsmehl	Schicker	P2O5	0,4 %	Diabase hard stone <i>Soil: soil activation, humus formation, with minerals and trace elements Slurry: surface enlargement, ammonia binding, oxygen and rotting</i>
		K2O	0,75 %	
		CaO	15 %	
		MgO	3 %	
		Mg	1,8 %	
		S	0,3 %	
		Co	0,006 %	
		Eifelgold Lava Gesteinsmehl	Provinzial Basalt- und Lavawerke	
OS	< 1 %			
N	0,03 %			
P2O5	0,455 %			
K2O	0,05 %			
CaO	1,51 %			
MgO	3,07 %			
S	0,011 %			
Cu	35,4 mg/kg			
Hersbrucker Gesteinsmehl	DüKa			K2O
		CaO	32 %	
		MgO	11 %	
		SiO2	8 %	
IPUSagro B 100	IPUS	DM	96 %	Clinoptilolite <i>Soil additive for strong plant growth, Migulator (mineral bioregulator) with grain size &lt; 0,3 mm</i>
		OS	< 0,01 %	
		K2O	2,5 %	
		CaO	2,4 %	
		MgO	1,3 %	
		Na	1,1 %	
		Fe	0,9 %	
		SiO2	70 %	

Tradename	Company	Nutrient content		Composition, Remarks
IPUSagro B 110	IPUS	DM	96 %	Clinoptilolite <i>Soil additive for strong plant growth, Migulator (mineral bioregulator) with grain size 0,3-1 mm</i>
		OS	0,01 %	
		K2O	2,5 %	
		CaO	2,4 %	
		MgO	1,3 %	
		Na	1,1 %	
		Fe	0,9 %	
		SiO2	70 %	
IPUSagro B 120	IPUS	DM	96 %	Clinoptilolite <i>Soil additive for strong plant growth, Migulator (mineral bioregulator) with grain size 1-2,5 mm</i>
		OS	< 0,01 %	
		K2O	2,5 %	
		CaO	2,4 %	
		MgO	1,3 %	
		Na	1,1 %	
		Fe	0,9 %	
		SiO2	70 %	
Magmasil®	Witteler GmbH & Co. KG	DM	97 %	Primary rock meal
		CaO	3-5 %	
		MgO	3-5 %	
		SiO2	30-40 %	
MICA G	Belchim	DM	100 %	Muscovite mica
		K2O	10 %	
		MgO	2,8 %	
		SiO2	51,5 %	
MONTEX BASANIT extra	MONTEX	DM	99 %	Diabase stone meal <i>Primary rock meal, micro-finely ground</i>
		P2O5	0,4 %	
		K2O	0,2 %	
		CaO	8 %	
		MgO	3,5 %	
		Na	3 %	
		Fe	5 %	
		SiO2	40 %	
penergetic b Boden Bentonit	Penergetic	K2O	1,9 %	Calcium sodium bentonite <i>Natural calcium bentonite ground ultra fine; montmorillonite content &gt; 90 %</i>
		CaO	2,5 %	
		MgO	5,3 %	
		SiO2	65 %	
penergetic b Boden Quarz	Penergetic	SiO2	98 %	Quartz flour
penergetic b Boden WV	Penergetic	SiO2	65 %	Natural calcium bentonite
Penergetic-g Gülle	Penergetic	CaCO3	97 %	Stone meal
		SiO2	0,7-2,8 %	
Penergetic-k Kompost Bentonit	Penergetic	K2O	1,9 %	Natural stone meal, natural calcium bentonite ground ultra fine; montmorillonite content > 90 %
		CaO	2,5 %	
		MgO	5,3 %	
		SiO2	65 %	
penergetic-k Kompost Quarz	Penergetic	SiO2	98 %	Quartz flour
Penergetic-p Pflanzen Bentonit	Penergetic	K2O	1,9 %	Natural stone meal, natural calcium bentonite, ground ultra fine; montmorillonite content > 90 %
		CaO	2,5 %	
		MgO	5,3 %	
		SiO2	65 %	
penergetic-p Pflanzen Quarz	Penergetic	SiO2	98 %	Quartz flour

Tradename	Company	Nutrient content		Composition, Remarks
Provinea Vital®	Uberto	DM	99 %	Silicate rock powder <i>Improved nutrient availability, healthier plant growth, more intensive starting of intermediate planting. Tested in plant trials</i>
		CaO	10 %	
		MgO	8,5 %	
		Fe	12 %	
		SiO2	30-40 %	
Provinea®	Uberto	DM	99 %	Silicate stone meal <i>Improved availability of nutrients, healthy plant growth, stronger tannin of intercropping</i>
		P2O5	0,1-0,5 %	
		K2O	0,5-1 %	
		CaO	2-8 %	
		MgO	1-7 %	
		SiO2	50-60 %	
SANDILIT	Hartsteinwerk Kitzbühel	P2O5	0,56 %	Alkaline silicate sand from volcanic rock <i>Available in various grain sizes</i>
		K2O	0,48 %	
		CaO	2,72 %	
		MgO	3,25 %	
		Na	0,05 %	
		S	0,05 %	
		SiO2	50,94 %	
		Fe2O3	15,34 %	
Transformer intense	AQUARIUS	P2O5	0,49 %	Stone meal <i>Activates the soil life towards a balancing and harmonizing direction</i>
		K2O	0,92 %	
		CaO	7,32 %	
		MgO	6,46 %	
		Co	45,5 mg/kg	
		Cu	34,2 mg/kg	
		Mo	2,7 mg/kg	
		Zn	121,6 mg/kg	
		SiO2	46,63 %	
Urgesteinsmehl 10 kg	gpi green partners international	N	0,1 %	Stone meal
		K2O	0,3 %	
		MgO	5,3 %	
VULKAMIN- Urgesteinsmehl	Hauri	P2O5	0,2 %	Phonolite <i>Finely ground stone meal with a high silicon content for the sustainable protection of soil fertility</i>
		K2O	5,1 %	
		CaO	9,4 %	
		MgO	0,5 %	
		S	0,1 %	
		B	42 ppm	
		Co	12 ppm	
		Cu	12 ppm	
		Mo	6 ppm	
		Zn	150 ppm	
		SiO2	48 %	
Fe2O3	4,1 %			
ZEP 70	Bal-Co	DM	70 %	Stone meal <i>Zeolite with high chabasite content (&gt; 60 %)</i>
		P2O5	0,2 %	
		K2O	6,2 %	
		CaO	5,8 %	
		MgO	1,7 %	
		SiO2	51 %	

### 1-9-2 Soil additives

Tradename	Company	Nutrient content		Composition, Remarks
ABISAN	ABiTEP	DM	3,4 %	Bacillus spez.
		OS	93,1 %	
		N	0,29 %	

Tradename	Company	Nutrient content		Composition, Remarks
AKRA Kombi	Karner	DM	99 %	Dolomite, basalt, clay, zeolite, Azotobacter
		OS	4 %	
AKRA Start	Karner	DM	99 %	Dolomite, basalt, clay, soft ground rock phosphate, zeolite, Azotobacter
		OS	4 %	
		CaO	13 %	
		MgO	9 %	
		Fe	4 %	
AMN BonaVita®	Mack			Cereal extracts, nat. acids <i>All crops, root vitalization, balancing deficiency, revitalization: healthy soil life and vital microorganisms</i>
AMYLIS	Agronutrition	DM	< 2 %	Bacterial solution  <i>Bacteria suspension with Bacillus amyloliquefaciens 10<sup>9</sup> colony forming units per ml</i>
		OS	< 2 %	
		N	1,7 %	
		P2O5	< 0,2 %	
		K2O	< 0,2 %	
AZOBAC C	agrel	DM	87,5 %	Leonardite, carrier materials, mixture of bacteria <i>Concentrated and modified bacterial biocenose (mixed) on nutrient substrate for N-fixation, P + K mobilization and rotting optimization</i>
AZOFIX RHIZO®	UAB Bioenergy			Rhizobial bacteria
AZOMITE	Behn-Meyer	P2O5	0,04 %	Hydrated sodium calcium aluminosilicate
		K2O	0,54 %	
		CaO	3,97 %	
		MgO	0,43 %	
		SiO2	65,85 %	
Azotovit	ACON	DM	3 %	Beijerinckia fluminensis + NS <i>Optimizes the N supply and the availability of nutrients, suppresses phytopathogenic microflora and improves soil structure</i>
		OS	3 %	
Bactofert	Geofert	N	0,1 %	Leonardite, zeolite, microorganisms (Lithobionten, Actinomyceten, Azotobacter)
		P2O5	0,11 %	
		K2O	0,64 %	
		CaO	5,65 %	
		MgO	1,32 %	
BACTOFORCE®	UAB Bioenergy	DM	31,6 %	Microorganisms, fertile soil <i>Bacillus mojavensis MVY-007</i>
		OS	68,4 %	
Bacto-K	UAB Bioenergy	DM	7,3 %	Water, microorganisms
		OS	80,5 %	
		S	1,5 %	
		B	0,04 %	
		Cu	0,03 %	
		Fe	0,58 %	
		Mn	1,89 %	
		Zn	0,47 %	
BaktoN	agowert			Beijerinckia fluminensis + NS
BaktoPK	agowert			Paenibacillus mucilaginosus + NS
BAM BioAktive Mikroorganismen	Carbuna	K2O	0,34 %	Molasses, water
BB Boden	Multikraft			Water, solution of microorganisms, sugar cane molasses

Tradename	Company	Nutrient content		Composition, Remarks
BB Start	Multikraft			Water, sugarcane molasses, microorganism solution, fermentation vinegar, alcohol, garlic, chillies, seaweed, phosphoric acid, humic acid, alcohol ethoxylated, ceramic powder
BIO-AKTIV (Mykorrhiza)	Mykonor			Mycorrhiza fungi
Bio-Algihum® "Wurzelflott K" / Activador de Raices Concentrado	aqua-terra	DM	5,7 %	Brown algae preparations, bentonite, molasses
		OS	86 %	
		N	0,76 %	
Bioeffektory-Bodenhilfsstoff	Scholz	DM	< 0,5 %	Humic acid derivatives
		N	< 0,01 %	
		P2O5	< 0,06 %	
		K2O	< 0,06 %	
		CaO	0,01 %	
		MgO	< 0,01 %	
		S	< 0,02 %	
		Cu	0,0003 %	
		Fe	< 0,008 %	
		Zn	< 0,0013 %	
BioHumix	Fiterra	DM	3 %	<i>Liquid concentrate containing humic acid from worm compost. Improves the resistance, quality and nutrient uptake of plants</i>
		N	0,03 %	
		K2O	0,2 %	
BIOLIT FEIN plus Urgesteinsmehl	Hartsteinwerk Kitzbühel	P2O5	0,56 %	Stonemeal from volcanic rock, lactic acid bacteria <i>Alkaline silicate primary rock flour from volcanic rock</i>
		K2O	0,48 %	
		CaO	2,72 %	
		MgO	3,25 %	
		Na	0,05 %	
		S	0,05 %	
		SiO2	50,94 %	
		Fe2O3	15,34 %	
BIOLIT ULTRAFEIN plus	Hartsteinwerk Kitzbühel	P2O5	0,56 %	Alkaline silicate primary rock flour, lactic acid bacteria <i>Alkaline silicate rock flour from volcanic rock. Ultrafine granulation up to 0.01 mm - suitable for plant sprayers</i>
		K2O	0,48 %	
		CaO	2,72 %	
		MgO	3,25 %	
		S	0,05 %	
		SiO2	50,94 %	
		Fe2O3	15,34 %	
BioMyc™ Vital	BioMyc	DM	> 85 %	Arbuscular mycorrhiza fungi, distilled expanded crushed clay (leca)
		OS	0,5 %	
BioMyPro-Agra-GR	BioMyPro	DM	95 %	Clinoptilolite of natural origin, arbuscular mycorrhizal fungi <i>Beneficial mycorrhizal fungi in granulate</i>
BioMyPro-Agra-WS	BioMyPro	DM	95 %	Sillitin (silica of natural origin), arbuscular mycorrhizal fungi <i>Beneficial mycorrhizal fungi in water soluble powder</i>
BioMyPro-Bac-GR	BioMyPro	DM	95 %	Clinoptilolite of natural origin, plant growth promoting bacteria <i>Beneficial plant growth promoting bacteria in granula</i>
		OS	1 %	
BioMyPro-Bac-WS	BioMyPro	DM	95 %	Sillitin (silica of natural origin), bacteria <i>Beneficial plant growth promoting bacteria in water soluble powder</i>

Tradename	Company	Nutrient content		Composition, Remarks
BioMyPro-Terra	BioMyPro	DM	95 %	Clinoptilolite of natural origin, arbuscular mycorrhizal fungi, plant growth promoting bacteria, saprotrophic fungi <i>Beneficial mycorrhizal fungi and plant growth promoting bacteria for green manure crops in granula</i>
BIO-NPK	Mykonor	OS	1 %	Microorganism preparation <i>N-fixation from air, breakdown of P and K-compounds in the soil</i>
BIO-SCHUTZ (Bodenbakterien)	Mykonor			Microorganism preparation <i>Characterized by its rapid spread in the rhizosphere and interaction with pathogens in competition for space and nutrients</i>
BioTaurus® Balkonoase	Fritzmeier			Solution of microorganisms <i>Aqueous solution with selected pure cultures of microorganisms: Bacillus subtilis</i>
BioTaurus® Ernteglück	Fritzmeier			Solution of microorganisms <i>Aqueous solution with selected microorganisms of the rhizosphere: Bacillus subtilis. Particularly suitable for nightshades (solanaceous plants) such as tomatoes and peppers</i>
BioTaurus® Keim Plus	Fritzmeier			Microorganisms <i>Bacillus subtilis for the improvement of the soil structure and consequently for the improvement of germination and root activity</i>
BioTaurus® Kompostgold	Fritzmeier			Microorganisms <i>Aqueous solution with selected pure cultures of microorganisms for humification (hay bacillus)</i>
BioTaurus® Kräutergarten	Fritzmeier			Solution of microorganisms <i>Selected microorganisms of the rhizosphere in aqueous solution for the improvement of the availability of the nutritional elements, Bacillus subtilis</i>
BioTaurus® Orchideentraum	Fritzmeier			Solution of microorganisms <i>Aqueous solution with selected pure cultures of microorganisms for humification, aluminosilicate</i>
BioTaurus® Pflanzenliebe	Fritzmeier			Solution of microorganisms <i>Aqueous solution with microorganisms (Bacillus subtilis) for the improvement of the availability of the nutritional elements. For demanding herbaceous- and flowering plants</i>
BioTaurus® Rosenwunder	Fritzmeier			Solution of microorganisms <i>Aqueous solution with selected microorganisms of the rhizosphere: Bacillus subtilis. Micronutrients specifically for roses</i>
BioTaurus® Zitruszauber	Fritzmeier			Solution of microorganisms <i>Aqueous solution with selected microorganisms of the rhizosphere: Bacillus subtilis, aluminosilicate</i>
Bodenaktivator	Pflanzen- und Bodenpflege			Sugar beet - feed molasses



Tradename	Company	Nutrient content		Composition, Remarks
Bodenverjünger	Christoph Fischer	DM	2,88 %	Water, native, regenerative microorganisms, herbal mixture, brown algae powder <i>Soil rejuvenator to regenerate the humus content by microbial bioengineering, use in soil cultivation, fermented ready-to-use</i>
		N	1,39 %	
		K2O	4,9 %	
Bodenverjünger - Starterpaket	Christoph Fischer	DM	2,88 %	Starter ferment for soil rejuvenation, sugarcane molasses, rock salt, humic substances, brown algae <i>Starter set for the self-application of the soil rejuvenator to build up living, organic soil substance</i>
Diabas Urgesteinsmehl	Schicker	P2O5	0,4 %	Diabase hard stone <i>Soil: soil activation, humus formation, with minerals and trace elements</i> <i>Slurry: surface enlargement, ammonia binding, oxygen and rotting</i>
		K2O	0,75 %	
		CaO	15 %	
		MgO	3 %	
		Mg	1,8 %	
		S	0,3 %	
		Co	0,006 %	
DIE LÖSUNG Frühling	AGROTO			Humus <i>Root, shoots and soil life. For sowing, potting and planting. For active soil life and rapid root growth</i>
DIE LÖSUNG Herbst	AGROTO			CaCo3, humus <i>For mulching, soil cultivation and compost processing: Stimulation of soil life and microorganic degradation and conversion processes to humus and permanent humus</i>
DIE LÖSUNG Pilz	AGROTO			Oak bark (D8), horsetail (D8), yarrow (D8) <i>General fungal tolerance: tight tissue. Regulates protein and starch synthesis</i>
DIE LÖSUNG Winter	AGROTO			Rainwater, tourmaline (D7) <i>Health and regeneration: stimulates growth after hibernation, promotes the health of the next plant generation</i>
ECOSUS® SFC-Mineral	Ecosus	DM	65 %	Leonardite, calcium carbonate, bentonite, calcium sulphate, silicon, microorganisms <i>Increases the fertilizer efficiency; increases the natural soil fertility and stress tolerance of all cultures, especially regarding drought and high salinity</i>
		OS	28,8 %	
		CaO	8,7 %	
		MgO	1,2 %	
		S	3 %	
EM Keramikpulver	Multikraft	SiO2	67,5 %	Baked clay
EM-1®	EMIKO			Water, sugar cane molasses, cultures of microorganisms
EM-Aktiv	Christoph Fischer	DM	1,64 %	Concentrate of effective microorganisms, sugar cane molasses, Greengold, Kin Mineral <i>For the activation of the soil live and the strengthening of the plant health</i>
		OS	1,25 %	
EMIKO® Bodenaktivator	EMIKO			Water, sugar cane molasses, cultures of microorganisms
EMIKO® RottLenker	EMIKO	N	< 0,2 %	Water, microorganism cultures, sugar cane molasses, brine, herb ferment <i>Herb ferment product for surface rotting. Supports microbiology and promotes the fast conversion of the organic material</i>
		K2O	0,24 %	

Tradename	Company	Nutrient content		Composition, Remarks
En-Crops® PowerSoil	En-Crops	DM	56 %	Equine manure, vegetable substances from the wood industry, plant extracts, stone meal
		OS	42 %	
En-Crops® TopSoil	En-Crops	DM	75 %	Woodchips, stone meal, plant extracts
		OS	57 %	
fermentstart	Asburg			Water, microorganisms, sugar
Folisec	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
FOSFIX®	UAB Bioenergy	DM	2,7 %	Water, fertile soil, microorganisms <i>Bacillus megaterium var. phosphaticum dissolves phosphate</i>
		OS	55,8 %	
Fulvic 25	Plant Health Cure	DM	19,2 %	Drinking water/soil water extract <i>Fulvic acid and humic acid naturally extracted from soil water</i>
		OS	10,2 %	
Gärtner's Urgesteinsmehl 10 kg, 2,5 kg	gpi green partners international	N	0,1 %	Stone meal
		K <sub>2</sub> O	0,3 %	
		MgO	5,3 %	
Geo2	Olmix GmbH	DM	99 %	Calcium- magnesiumcarbonate, sodium chloride, granulated auxiliary agent of plant origin <i>Increasing soil fertility through better nutrient and water supply, activation of soil organisms</i>
Gramisec F1	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Gramisec F2	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Harzer Urgesteinsmehl	Remmert	DM	97,98 %	Rock flour <i>Soil additive and aggregate during manufacture of compost</i>
		OS	4,9 %	
		P <sub>2</sub> O <sub>5</sub>	0,22 %	
		K <sub>2</sub> O	0,31 %	
		CaO	5,64 %	
		MgO	5,36 %	
		Na	0,32 %	
Herfomyc	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Herfosec	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Humag.plus	agrel	DM	98 %	Humic acids, potassium, leonardite
		OS	74 %	
Huminext FORTE	WLG	DM	70 %	Leonardite
		OS	49 %	
Humusin	NaturGleich	DM	76 %	Humic acid, moisture, minerals <i>Humus-promoting effect, improvement of the chemical-physical property of the soil, as pellet or sand (3-8 mm)</i>
		OS	62 %	

Tradename	Company	Nutrient content		Composition, Remarks
Humuswasser	Aquatec Leipzig			Water, microorganisms <i>Converts the anaerobic digestion process of slurry into an aerobic rotting process</i>
IMPF Signum Soja®	DE SANGOSSE			Growing medium and diluent, Bradyrhizobium japonicum SEMIA 5079/5080 mixture
Ingrina® RindenHumus, Kiefer	DIE TORFFRAU	DM OS	41,1 % 84,3 %	Pine bark <i>Natural soil conditioner that supplies plants with important nutrients. The humus content promotes biological soil activity</i>
Leonardit	Rösl	DM OS	62 % 38,5 %	Leonardite <i>Native natural herbal product made from conserved long-lasting humus; for increasing the humus content and the storage capacity for nutrients</i>
MagicRoots	Rasen Partner	DM OS	6 % 6 %	Bacillus subtilis, Pseudomonas fluorescens, Azotobacter spp. <i>Root-associated soil bacteria to promote plant growth (liquid)</i>
MicroSoil®	Futerri	OS	2,1 %	Molasses, whey, seaweed, living microorganisms
Microtop	agrel	DM OS SiO2	100 % 20,7 % 75 %	Milk protein, cocoa, sodium chloride, montmorillonite
MO-COMBI®	Gramoflor	DM OS	> 96 % < 5 %	Algae, beneficial fungi, beneficial bacteria <i>Natural vital substances for strong plant growth</i>
Mucofol	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Mucoter	Pireco	N	< 0,01 %	Herbal extracts <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Multikraft Effektive Mikroorganismen Aktiv	Multikraft			Water, Multikraft Effektive Mikroorganismen Urlösung (concentrate of effective microorganisms), sugar cane molasses
Multikraft Effektive Mikroorganismen Urlösung	Multikraft			Water, cultures of microorganisms, sugar cane molasses
MycZoom Mycorrhiza	aurea- systems	DM OS	99 % 1 %	Alumina, mycorrhiza <i>Mycorrhiza forms a symbioses with the roots of the plant</i>
MycZoom Mycorrhiza Liquid	aurea- systems	DM OS	99 % 1 %	Mycorrhiza <i>Mycorrhiza forms a symbiosis with the roots of the plant</i>
MYKONOR BIO-NORM	Mykonor			Microorganism preparation
Nemater	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>

Tradename	Company	Nutrient content		Composition, Remarks
ökohum Nährhumus	ökohum GmbH	DM	40 %	Bark compost, coconut, wood fiber, Rama Biodünger (organic fertiliser)
		OS	25 %	
		N	1,2 %	
		P2O5	0,4 %	
		K2O	0,6 %	
ökohum Rindenkompst	ökohum GmbH	DM	40 %	Composted green waste, composted bark
		OS	26 %	
		N	0,56 %	
		P2O5	0,18 %	
		K2O	0,38 %	
PERLHUMUS®	Humintech	DM	70 %	Leonardite <i>Natural humic substances based on highly oxidized ortho-lignite (leonardite)</i>
		OS	49 %	
Perligran Organic	Knauf Aquapanel	DM	86 %	Perlite, humic acid <i>Soil additive and substrate component specially for herb- and vegetable cultivation</i>
		OS	2,7 %	
Phosphatovit	ACON	DM	3 %	Bacillus mucilaginosus <i>Improves the availability of nutrients, especially P/K, suppresses phytopathogenic microflora, improves the soil and accumulates humus</i>
		OS	3 %	
PHYTER	ENDO			Precipitated silica, Clonostachys rosea
Plan Beet Bio Bodenverlebediger	Carbuna	K2O	0,34 %	Water, molasses, microorganisms
ProGrow® 3600	Progress Agrar	DM	95 %	Algae extracts, microorganisms
		OS	60 %	
Quaterna® Terra UAB	Sobac Deutschland	DM	87 %	Cocoa husks, rape cake, calcium carbonate, plant compost, molasses, oil, water
		OS	51 %	
RADICIN	Jost	N	0,25 %	Microorganisms <i>Seed or soil vaccines for clover, lucerne, pea, field bean, lupine, soya etc.</i>
		P2O5	0,11 %	
		K2O	0,12 %	
Rasenaktivator	Feldsaaten Freudenberger			<i>Natural humic acids to improve the physical-chemical properties of the soil, for a good start and a good soil structure</i>
rhizo power®	nadicom	DM	6 %	Pseudomona species, Bacillus species, rhizobia <i>Rhizobia for nitrogen supply of fodder plants (legumes), plant associated bacteria to promote growth</i>
		OS	6 %	
rhizo power® Erdbeere	nadicom	DM	6 %	Microorganisms <i>Root-associated soil bacteria to promote plant growth (liquid)</i>
		N	0,2 %	
rhizo power® Gemüse	nadicom	DM	6 %	Microorganisms <i>Root-associated soil bacteria to promote plant growth (liquid)</i>
		OS	6 %	
rhizo power® Volle Blüte	nadicom	DM	6 %	Microorganisms <i>Root-associated soil bacteria to promote plant growth (liquid)</i>
		N	0,2 %	
RhizoFert	ABITEP	DM	3,45 %	Bacillus atrophaeus ABi05
		OS	93,1 %	
		Mn	0,001 %	
		Zn	0,0006 %	
RhizoFix®	Feldsaaten Freudenberger	OS	100 %	Rhizobia-solution <i>Liquid Rhizobium inoculant for direct inoculation of legume seeds</i>

Tradename	Company	Nutrient content		Composition, Remarks
RHIZO-VAM BASIC	RHIZO-MIC	DM	> 80 %	Distilled expanded crushed clay (leca), arbuscular mycorrhizal fungi
Rizoliq® Top S	DE SANGOSSE			Disaccharides, liquid microorganism preparation of Bradyrhizobium japonicum strains Semia 5079 und 5080, cellulose <i>Liquid microorganism preparation from Bradyrhizobium japonicum strains Semia 5079 and 5080 for the treatment of soybean seeds</i>
RUIINEX®	UAB Bioenergy	DM	2,9 %	Water, fertile soil, Trichoderma
		OS	70,6 %	
Salavida	SP Sourcon			Milk powder, natural co-formulant, Pseudomonas trivialis <i>Recommended for vegetables</i>
SANDILIT	Hartsteinwerk Kitzbühel	P2O5	0,56 %	Alkaline silicate sand from volcanic rock
		K2O	0,48 %	<i>Available in various grain sizes</i>
		CaO	2,72 %	
		MgO	3,25 %	
		Na	0,05 %	
		S	0,05 %	
		SiO2	50,94 %	
		Fe2O3	15,34 %	
Sapropeet	Sapropeet	DM	3,11 %	Sapropeet
SOJALL VITANAL®	SOJALL			Lactic acid fermentation product from plant extracts, mix of molasses
Spower® ZeoVital1	Spower	DM	100 %	Zeolithe, sulphur
		S	5 %	<i>Grain size 2-5 mm, spreading width up to 36 m, 600 kg bigbag. Steady sulphur supply</i>
		SiO2	67 %	
Starter-Ferment für Bodenverjünger	Christoph Fischer	DM	2,78 %	Regenerative nativ microorganisms, sugar cane molasses, rock salt, Greengold, Kin-mineral, spagyric preparation <i>Starter-ferment for the individual preparation of the soil rejuvenator for regeneration of humus content in the soil through microbial bioengineering</i>
Stimuter	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Tercol	Pireco	Zn	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Terra Bio Power®	Hanse			Water, sugar cane molasses, own mixture, herbal mixture
Terrafert Boden	Multikraft			Water, sugar cane molasses, seaweed, phosphoric acid, microbial solution, humic acid, ethoxylated alcohol, ceramic powder <i>To activate the microorganisms in the soil</i>
Transformer profi	AQUARIUS			Stone meal <i>Activates the soil life towards a balancing and harmonizing direction</i>
Vitalin Trichoderma T50	Vitalin			Trichoderma harzianum

Tradename	Company	Nutrient content		Composition, Remarks
Wake up plants Bodenhilfsstoff	Green Innovation	N	< 0,01 %	Humic acid derivates
		P2O5	< 0,06 %	
		K2O	< 0,06 %	
		CaO	0,01 %	
		MgO	< 0,01 %	
		S	< 0,02 %	
<b>1-9-5 Seaweed products</b>				
Tradename	Company	Nutrient content		Composition, Remarks
AMN® Nordalge	Mack	DM	26 %	Algae juice (brown algae)
		OS	58 %	
		MgO	0,1 %	
		S	0,1 %	
Bio Project SM TOP	BioKimia	OS	100 %	Fluid yeast extract with brown algae
		N	2 %	
Bio Terra Spezial	Vossen Laboratories	N	3,98 %	Seaweed extract <i>Seaweed extract</i>
		K2O	7,6 %	
Bio-Algihum® "Bodengranulat plus" / Granulado plus	aqua-terra	DM	59 %	Seaweed
		OS	38 %	
		N	1,1 %	
		P2O5	1 %	
		K2O	4,7 %	
		CaO	3,7 %	
		Na	2,8 %	
Bio-Algihum® "Wurzelflott K" / Activador de Raices Concentrado	aqua-terra	DM	5,7 %	Brown algae preparations, bentonite, molasses
		OS	86 %	
		N	0,76 %	
Bio-Algihum® 'Terratop® Golf 3'	aqua-terra	DM	83 %	Plant based organic fertilizer, brown algae preparations, bentonite, lava stone meal
		OS	49 %	
		N	3,5 %	
		P2O5	2,3 %	
		K2O	4,7 %	
		CaO	7,1 %	
		MgO	1,4 %	
		Na	1,5 %	
Bio-Algihum® 'Terratop® Golf 6'	aqua-terra	DM	79 %	Organic fertiliser of vegetable origin, Bio-Algihum® "Bodengranulat plus" (soil granulate), diatomaceous earth, bentonite
		OS	48 %	
		N	6,4 %	
		P2O5	1,3 %	
		K2O	4,5 %	
		CaO	6,9 %	
		MgO	1 %	
		Na	1,4 %	
Bio-AminoAlg	Phytosolution			Vegetal protein hydrolysat, seaweed extract <i>Enzymatically hydrolyzed vegetable protein, in combination with seaweed juice</i> <b>Not to be applied to edible parts of the crop</b>
Cremalga	Biolchim	OS	35 %	Seaweed cream (suspension), herbal extracts, water
		N	1 %	

Tradename	Company	Nutrient content		Composition, Remarks
Herbali Spezial	Vossen Laboratories	N	3,98 %	Seaweed extract
		K2O	7,6 %	<i>Seaweed extract</i>
Kelpak	Biolchim	DM	1,7 %	Seaweed extract
		OS	0,46 %	<i>Natural seaweed extract with high auxin content</i>
Kelpak	DAYMSA	DM	2,46 %	Water, Eklonia maxima
		OS	1 %	
		N	0,1 %	
		P2O5	0,021 %	
		K2O	0,57 %	
Microlife Bio	Australis	DM	2,5 %	Water, Lessonia nigrescens, Macrocystis integrifolia, Durvillea antarctica, Lessonia trabeculata
		OS	21,4-47,6 %	
		N	0,1 %	
		P2O5	0,1 %	
NEMAGOLD	Atlántica Agrícola			
Phytoamin®	Lebosol	DM	9 %	Sea algae extract <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		OS	4,5 %	
		N	0,05 %	
		K2O	1,35 %	
		S	0,15 %	
PhytoGreen®-Algensaft	Phytosolution	K2O	1,8 %	Sea algae (brown algae Ascophyllum nodosum)
PhytoGreen®-Bio-Booster	Phytosolution	OS	22 %	Vegetable protein hydrolysate, sea algae, humic acid <i>Combi-product from sea algae and vegetable amino- and humic acids for healthy plants</i>
		N	4 %	
Plantali Spezial	Vossen Laboratories	N	3,98 %	<i>Seaweed extract</i>
		K2O	7,6 %	
SM6	PLYMAG	DM	27 %	Ascophyllum Nodosum
		OS	18 %	
		N	0,2 %	
		P2O5	0,1 %	
		K2O	0,9 %	
		pH	5	

### 1-9-6 Plant aids

Tradename	Company	Nutrient content		Composition, Remarks
Agrosol liquid	AGROsolution	DM	56,7 %	Calcium carbonate, Agrosol (calcite), water, protein hydrolysate, seaweed extract
		OS	2,9 %	
		N	0,3 %	
		CaO	29 %	
AKRA MSB	Karner			Lactic acid bacteria, sugar cane molasses
AKRA WD	Karner	Cu	0,02 %	Rapeseed- or soy oil, sulphates - Fe, Cu, Zn, Mn, Na, Mo
		Fe	0,02 %	
		Mn	0,03 %	
		Mo	0,005 %	
		Zn	0,04 %	

Tradename	Company	Nutrient content		Composition, Remarks
AlgoVital® Plus	Biofa	OS	10 %	Brown seaweed extract (Ascophyllum nodosum) <i>Plant auxiliary agent for foliar application</i>
		N	0,3 %	
		K2O	0,3 %	
		S	0,3 %	
AMN BioVit®	Mack			Garlic extract, natural acids <i>Highly concentrated plant extract to improve resistance</i>
AMN Fusek®	Mack			Plant extracts <i>Vitalisation, stress reduction, improved resistance, highly concentrated plant extract</i>
argentoVital	Bio-Gate	DM	0,2 %	Water, zeolithe, silver <i>Activates the plant's own defences, improves root growth and increases vitality</i>
Basfoliar Kelp SL	COMPO EXPERT	DM	2-5 %	Seaweed <i>Plant aid from natural algae concentrate of the Ecklonia maxima algae. Particularly high auxin concentration to vitalise and promote growth</i>
		OS	5 %	
BB Blatt	Multikraft			Water, sugar cane molasses, microorganisms solution, ceramic powder
BB Multical	Multikraft	CaCO3	99,5 %	Natural calcium carbonate
Bioeffektory- Pflanzenhilfsmittel	Scholz	DM	< 0,5 %	Humic acid derivatives, sugar cane molasses
		N	< 0,01 %	
		P2O5	< 0,06 %	
		K2O	< 0,06 %	
		CaO	0,01 %	
		MgO	< 0,01 %	
		S	< 0,02 %	
		Cu	0,0003 %	
		Fe	< 0,008 %	
		Zn	< 0,0013 %	
Biofusan	agrel	OS	4,7 %	Water, leonardite
BIOHUMAX	Naram	OS	38,36 %	Worm compost <i>Liquid organic plant aid using the water extract concentrate of red Californian worms</i>
		N	0,83 %	
		P2O5	0,51 %	
		K2O	0,51 %	
		CaO	0,38 %	
		MgO	0,46 %	
		Fe	0,14	
BioMyc™ Vital	BioMyc	DM	> 85 %	Arbuscular mycorrhiza fungi, distilled expanded crushed clay (Ieca)
		OS	0,5 %	
BIO-NPK	Mykonor			Microorganism preparation <i>N-fixation from air, breakdown of P and K-compounds in the soil</i>
Blattaktiv	Pflanzen- und Bodenpflege			Crystal water, magnesium sulphate - hepta hydrate
Brennessel Extrakt Konzentrat	Multikraft			Water, dried nettle leaves, microorganism solution, sugar cane molasses
Brennessel Extrakt Sprühlösung	Multikraft			Water, dried nettle leaves, microorganism solution, sugar cane molasses



Tradename	Company	Nutrient content		Composition, Remarks
Concept Green Agro Organic Fertilizer	Eko Bio Gen	CaO	52,9 %	Rock meal <i>To promote the photosynthetic performance of plants</i>
		S	< 0,1 %	
		Cu	0,01 %	
		Zn	< 0,01 %	
Cybelion®	PlantResponse	DM	8 %	Aqueous fungal extract, alkyl polysaccharide solution
	OS	6 %		
DIE LÖSUNG Frost	AGROTO			Water, valerian blossoms <i>Valerian blossom fermentation: For fruit and vegetable growing under glass and in open field. To increase the frost tolerance</i>
DIE LÖSUNG PrenOspot	AGROTO			Water, Equisetum arvense <i>Horsetail extract fermentation: For fruit and vegetable growing under glass and in open field. For general health maintenance in case of fungal diseases</i>
DIE LÖSUNG Sommer	AGROTO			quarz (D7), Rainwater <i>Leaf, flower &amp; fruit: from the third true leaf stage. Increases the light yield for hard tissue, creates intensive flower colouring and taste</i>
DYNOCARB®	RHIZO-MIC	DM	> 95 %	Calcite
		CaO	53 %	
		MgO	1,2 %	
		Fe	0,07 %	
		SiO2	1,75 %	
ECOSUS® MetaStim	Ecosus	OS	32,2 %	Humic and fulvic acids, diatomaceous earth, algae extract <i>Biostimulator to increase vitality, stress tolerance and nutrient uptake. Application solid or liquid, also as root dip or seed coating</i>
		K2O	0,44 %	
eMB Urlösung	Multikraft			Water, bacteria solution, sugar cane molasses, ceramic powder
En-Crops® BlumenSchön	En-Crops	DM	3,2 %	Herbal extracts, resin and wax substances, humic and tannic acids, stone meal
		OS	2,6 %	
		N	0,05 %	
		K2O	0,15 %	
		S	0,21 %	
ENDOMYK PROF+TRI	terra fit			Endomycorrhiza, soil bacteria <i>Biological plant and soil aid for mycorrhizal plants (contains: mycorrhiza spores / mycorrhized root pieces; 320.000 spores/kg)</i>
ENDOMYK PROF+TRI EXTRA	terra fit			Endomycorrhiza, soil bacteria <i>Biological plant and soil aid for mycorrhizal plants (contains: mycorrhiza spores / mycorrhized root pieces; 1.000.000 spores/kg)</i>
ENDOMYK PROF+TRI PLUS	terra fit			Endomycorrhizal fungi, soil bacteria <i>Biological plant and soil aid for mycorrhizal plants (contains: mycorrhizal spores / mycorrhized root pieces; 400.000 spores/kg)</i>

Tradename	Company	Nutrient content		Composition, Remarks
Fermentierter Pflanzenextrakt	Multikraft			Water, microorganism solution, sugar cane molasses, freshly cut grasses, herbs, weeds, garlic and chilli peppers (grasses and accompanying herbs are removed after fermentation) <i>Improvement of resistance</i>
foliomax®	Eko Bio Gen	CaO	52,9 %	Rock meal
		S	< 0,1 %	<i>To promote the photosynthesis performance of plants</i>
		Cu	0,01 %	
		Zn	< 0,1 %	
Folisec	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Gramisec F1	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Gramisec F2	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Green Raise Thunder	Green Raise	DM	0,32 %	Water, nettle, herbs
		N	0,04 %	<i>Herb liquid manure from wild herbs for the growth and health of plants. Improves soil activity</i>
GreenFit Pflanzen-BioAktiv	Yves Kessler	DM	0,075 %	Eluate from grape marc fermented in stages
		N	0,29 %	
		P2O5	0,011 %	
		K2O	0,032 %	
HanseForte	Hanseplant			Medicinal and spice plants, humic and fulvic acid
Happy Green Agro Getreide und Grünland Aktiv	HRD	N	0,31 %	Water, plant extracts, molasses
		P2O5	< 0,02 %	
		K2O	0,08 %	
		MgO	0,03 %	
Happy Green Agro Obst und Gemüse Aktiv	HRD	N	0,31 %	Water, plant extracts, molasses
		P2O5	< 0,02 %	
		K2O	0,08 %	
		MgO	0,03 %	
Herfomyc	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Herfosec	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Humisol	Agrostim	DM	0,5 %	Liquid humic acid containing concentrate of dejecta of worms (vermicompost)
		OS	mind. 20 %	<i>Improved resistance, quality and nutrient uptake</i>
Humulus TK42+	Biovin	DM	0,075 %	Grape marc compost extract
		N	0,57 %	
		P2O5	0,011 %	
		K2O	0,032 %	

Tradename	Company	Nutrient content		Composition, Remarks
Humuswasser	Aquatec Leipzig			Water, microorganisms <i>Converts the anaerobic digestion process of slurry into an aerobic rotting process</i>
Intenso	agrobiota			Bacteria
Kaishi	Sumi Agro	OS	16 %	Vegetal protein hydrolysate <i>Leaf fertilizer with glycine, betaine and proline. Aminogram: L-Glutamic Acid, L-Aspartic Acid, L-Alanine, L-Arginine, L-Cystine, L-Phenylalanine, Glycine, L-Histidine, L-Isoleucine, L-Leucine, L-Lysine, L-Methionine, L-Proline, L-Serine, L-Tyrosine, L-Threonine, L-Tryptophan, L-Valine</i>
		N	2 %	
Kelpak	Biolchim	DM	1,7 %	Seaweed extract <i>Natural seaweed extract with high auxin content</i>
		OS	0,46 %	
KE-plant	TVA	DM	17 %	Drinking water, sugar cane molasses, mineral salts, herbal essences
		OS	2 %	
KE-plantasalva	TVA	DM	17 %	Drinking water, sugar cane molasses, mineral salts, herbal essence
		OS	2 %	
LithoPlant	Lithos	CaO	1,9-2,5 %	Zeolite
		MgO	0,5-1,5 %	
		SiO <sub>2</sub>	69-72 %	
MAXPROLIN™	UAB Bioenergy	DM	< 0,1 %	Fermented by-products of animal origin
McVigo®	Seed and Technology			Chlorine free and vitalised water, microorganisms, organic sugar cane molasses, sea or stone salt
MK 5	Multikraft			Water, microorganisms solution, sugar cane molasses, fermented vinegar, alcohol, garlic and chillies <i>Improvement of resistance</i>
Mucofol	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Mucoter	Pireco	N	< 0,01 %	Herbal extracts <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
MYKOSOIL ENDO BT	OSENUM			Mykorrhiza Intraradices, Trichoderma Harzianum <i>Mykorrhiza, the primordial element from nature</i>
MYKOSOIL ENDO PEARL	OSENUM			Mykorrhiza Intraradice, Trichoderma Harzianum <i>Mykorrhiza, as a dosing professional, the primordial element from nature, together with zeolite</i>
MYKOSOIL ENDO PROF	OSENUM			Mykorrhiza Intraradice, Trichoderma Harzianum <i>Mykorrhiza, the primordial element from nature</i>
MYKOSOIL ENDO PROF SPEZIAL	OSENUM			Humic acid, Trichoderma Harzianum <i>Mykorrhiza, the primordial element from nature, together with zeolite and natural humic acids</i>

Tradename	Company	Nutrient content		Composition, Remarks
Natural Growth	WTZ GmbH	N	< 0,01 %	Extract from organic compost
		P2O5	< 0,25 %	
		K2O	< 0,5 %	
		CaO	0,1 %	
		MgO	< 0,1 %	
Nemater	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
OLIVEG	AGRIDAEUS	DM	80,7 %	Soybean oil, vegetal extracts, water, black cumin oil
		OS	63,2 %	
PANORAMIX MAIZE	Koppert			Bacillus spp., Trichoderma harzianum, Glomus intraradices <i>Seed treatment agent for promoting root growth and nutrient uptake. Contains Bacillus megaterium, B. amyloliquefaciens, B. spp., Trichoderma harzianum, Glomus intraradices</i>
PANORAMIX WHEAT	Koppert			Bacillus spp., Glomus intraradices, Trichoderma harzianum <i>Seed treatment agent for promoting root growth and nutrient uptake. Contains Bacillus megaterium, B. amyloliquefaciens, B. spp., Trichoderma harzianum, Glomus intraradices</i>
Penergetic-k Kompost Melasse	Penergetic	DM	72-78 %	Sugar beet molasses
Penergetic-p Pflanzen Melasse	Penergetic	DM	72-78 %	Sugar beet molasses
Pflanzen-Vital	Böhme	DM	< 10 %	Organic compost
		OS	< 0,01 %	
PGE Flora Forte	Wegscheider Farben	DM	34,7 %	Molasses - suger syrup, yucca schidigera
		OS	74,1 %	
		N	0,62 %	
		K2O	1,38 %	
PHYTER	ENDO			Precipitated silica, Clonostachys rosea
PhytoGreen®-Algensaft	Phytosolution	K2O	1,8 %	Sea algae (brown algae Ascophyllum nodosum)
PhytoGreen®-HumusWP	Phytosolution	DM	85 %	Potassium humate
		N	1 %	
		K2O	12 %	
		Fe	1 %	
Preicobakt®-Stammanstrich	Biofa			Sodium bentonite / chalk, Bolus Alba (white clay), calcareous marine algae, ground horsetail, sour whey powder, potash feldspar, ground wormwood herb, guar gum <i>Plant aid for the care of tree trunks</i>
RhizoFlor Zeo fein®	Seed and Technology			Rock flour
RhizoFlor Zeo ultrafein®	Seed and Technology			Rock flour

Tradenname	Company	Nutrient content		Composition, Remarks
Schachtelhalm Extrakt Konzentrat	Multikraft			Water, microorganism solution, sugar cane molasses, dried horsetail herb
Schachtelhalm Extrakt Sprühlösung	Multikraft			Water, microorganism solution, sugar cane molasses, dried horsetail herb
Scharfes Blond	Christoph Fischer	DM OS	1,94 % 1,64 %	Water, sugar cane molasses, alcohol from local fruits, vinegar, effective microorganisms solution, malt extract, ginger, garlic, chili, pepper, fruit of Sapindus saponaria, picris extracts <i>Supports plant vitality through the leaf</i>
Sedumin® MicroVital	PBI Austria	DM N	3,11 % 0,55 %	Extracted bog sludge <i>Microorganism preparation with humic acid, for an active soil life; ensures better nutrient transport in plants</i>
Seedspor C	Hanseplant			Mycorrhiza propagules, Bacillus sp., Trichoderma sp. <i>Seed treatment agent for promoting root growth and nutrient uptake. Contains Bacillus sp., Trichoderma sp., Mykorrhiza propagules</i>
Seedspor W	Hanseplant			Mycorrhiza propagules, Bacillus sp., Trichoderma sp. <i>Seed treatment agent for promoting root growth and nutrient uptake. Contains Bacillus sp., Trichoderma sp., Mykorrhiza propagules</i>
Silkaben Mineralpulver	Snoek GmbH	CaO SiO2	1,5 % 63,7 %	Marine algal lime, bentonite <i>To prevent damage to field and garden plants. Hardens plant tissue and promotes sugar and aroma formation</i>
SNOEKs Meeresalgen Suspension	Snoek GmbH			Algae extract ascophyllum nodosum <i>Used to stimulate germination, rooting, plant growth and plant health. For higher quality yields. For spraying or pouring</i>
Stimuter	Pireco	N	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Tercol	Pireco	Zn	< 0,01 %	Herbal extract <i>Supports the natural regenerative capacity and has a nurturing, nourishing and balancing effect on the plants</i>
Terra Bio Power®	Hanse			Water, sugar cane molasses, own mixture, herbal mixture
Terrafert Blatt	Multikraft			Water, sugar cane molasses, seaweed, phosphoric acid, microbial solution, humic acid, fulvic acid, ethoxylated alcohol, ceramic powder <i>Improvement of resistance</i>
Top Stall® Universal	ERBER AGRO			Rape seed oil, water, Yucca schidigera extrakt, alkyl polyglykosides, eucalyptus oil
TRI PROF	terra fit			Trichoderma harzianum <i>Trichoderma harzianum - german origin with a broad range of applications, for healthy root area, improved plant vitality, higher yields</i>

Tradename	Company	Nutrient content		Composition, Remarks
TrichoVitis®	Intrachem			Trichoderma <i>Trichoderma tolerant to cold for robust plants; especially for growing together of grafting points and the growth in vine nurseries</i>
Vici Rhyzo WG	Koppert	DM	< 90 %	Trichoderma spp.
		OS	> 95 %	
Vici Rhyzoteam G	Koppert	DM	> 90 %	Inert mineral additives, Mycorrhiza fungi (Glomus spp.), Trichoderma spp.
		OS	> 6 %	
Vidi Fol	Koppert	DM	11,6 %	Water, thyme- and peppermint oil, oleic acid, wetting agent and emulsifier, humic acid
		OS	11,3 %	
Vidi Funda	Koppert			Dried plant material, potassium sulphate, algae, rock phosphate
VigoForte Plus®	Seed and Technology			Water, Alphabak, organic sugar cane molasses, organic vinegar, organic ethanol, various plants
VigoForte X®	Seed and Technology	N	0,128 %	Sweet grass, sugar cane molasses, lamiaceae, myrtaceae
		P	0,03 %	
		K	0,342 %	
VigoSol®	Seed and Technology			Water, lactic acid bacteria, photosynthetic bacteria, yeast, fermented plant extracts, Humibac, organic sugarcane molasses, sea salt or rock salt
Wake up plants	Green	N	< 0,01 %	Humic acid derivatives
Pflanzenhilfsmittel	Innovation	P2O5	< 0,06 %	
		K2O	< 0,06 %	
		CaO	0,01 %	
		S	< 0,02 %	
<b>1-9-20 Micro-organisms</b>				
Tradename	Company	Nutrient content		Composition, Remarks
ABIFERT	ABiTEP	DM	91,73 %	Wheat bran, Bacillus spp.
		OS	93,1 %	
		P2O5	2,08 %	
		K2O	1,09 %	
ABISAN	ABiTEP	DM	3,4 %	Bacillus spez.
		OS	93,1 %	
		N	0,29 %	
AgriMestMix	Rinagro			Microorganisms <i>Fertilizer processing aid</i>
AKRA Azo+	Karner	Cu	0,16 %	Azoarcus spp. and Paenibacillus spp.
		Fe	0,6 %	
		Mn	0,16 %	
		Mo	0,03 %	
		Zn	0,2 %	
AKRA Azotobacter N-Bakterien	Karner	Cu	0,16 %	Azotobacter / Brasilense
		Fe	0,6 %	
		Mn	0,16 %	
		Mo	0,03 %	
		Zn	0,2 %	

Tradename	Company	Nutrient content		Composition, Remarks
AMN BonaVita® Bac	Mack			Grain extracts, microorganisms, natural acids <i>Vitalization of roots, strengthening against harmful fungi. Powerful Bacillus amyloliquefaciens in an ideal environment</i>
AMN Promot®	Mack			Silicon dioxide, Trichoderma harzianum, Trichoderma koningii <i>Water soluble powder with two powerful Trichoderma strains that compete with harmful organisms for food and space</i>
ANTYM SIMPLEX	AGRIDAEUS	DM	2,8 %	Rhizospheric bacteria, mycorrhiza
		OS	6 %	
AquaClean ACF-32	BluePlanet			Rhodopseudomonas palustris, Nitrobacter winogradskyi, Nitrosomonas europaea, Bacillus subtilis, Bacillus licheniformis, Bacillus amyloliquefaciens <i>Certified for use in organic systems under the IOFGA Certified Products Scheme (Ireland)</i>
AquaClean ACF-SA	BluePlanet			Rhodopsuedomonas palustris, Bacillus subtilis, Bacillus licheniformis, Bacillus amyloliquefaciens, Bacteria <i>Certified for use in organic systems under the IOFGA Certified Products Scheme (Ireland)</i>
AquaClean ACF-SR	BluePlanet			Rhodopseudomonas palustris, Bacillus subtilis, Bacillus licheniformis, Bacillus amyloliquefaciens, Nitrobacter winogradskyi, Nitrosomonas europaea <i>Certified for use in organic systems under the IOFGA Certified Products Scheme (Ireland)</i>
AquaClean ACF-SR+	BluePlanet			Rhodopseudomonas palustris, Bacillus amyloliquefaciens, Bacillus licheniformis, Bacillus subtilis, Bacteria <i>Certified for use in organic systems under the IOFGA Certified Products Scheme (Ireland)</i>
AZOBAC	agrel	DM	80,4 %	Bacillus subtilis, Azobacter chroocuum, Acospirillum brasiliense, Bacillus megatherium, carrier materials
AZOBAC® GRANULAT	agrel			Diatomaceous earth, microorganisms <i>Soil inoculants</i>
AZOFIX®	UAB Bioenergy			Microorganisms <i>Nitrogen-fixing bacteria (Azotobacter vinelandii)</i>
Azotovit	ACON	DM	3 %	Beijerinckia fluminensis + NS <i>Optimizes the N supply and the availability of nutrients, suppresses phytopathogenic microflora and improves soil structure</i>
		OS	3 %	
Bactiva®	Bactiva	DM	99 %	Kaolin, diatomaceous earth, seaweed extract, Rhizosphere bacteria, Trichoderma spp., Gliocladium virens, Yucca extract
		OS	5 %	
		N	0,2 %	
		K2O	0,7 %	
		SiO2	47 %	

Tradename	Company	Nutrient content		Composition, Remarks
Bacto-K	UAB Bioenergy	DM	7,3 %	Water, microorganisms
		OS	80,5 %	
		S	1,5 %	
		B	0,04 %	
		Cu	0,03 %	
		Fe	0,58 %	
		Mn	1,89 %	
		Zn	0,47 %	
BACTOLiVE® M-S-S-C	RHIZO-MIC	DM	93 %	Algae extracts, beneficial soil bacteria, beneficial soil fungus, rock flours / bentonites <i>Organic agent based on algae extract and microorganisms (Bacillus spp., Pseudomonas, Azospirillum spp.) for application on medium sized seeds</i>
		OS	51 %	
BaktoN	agrowert			Beijerinckia fluminensis + NS
BaktoPK	agrowert			Paenibacillus mucilaginosus + NS
Biolevel PhosN	Biolevel	DM	100 %	Inert ingredients, microorganisms <i>Microorganisms for nitrogen fixation and phosphate supply</i>
BIOMAS GROW	Bioversija			Bacillus megaterium <i>For increased bioavailability of phosphorus and nitrogen</i>
BIOMAS MINERAL	Bioversija			Acinetobacter calcoaceticus
BIOMAS NITRAGIN	Bioversija			Rhizobium leguminosarum <i>For fixation of nitrogen. For peas</i>
BIOMAS ORGANIC	Bioversija			Trichoderma reesei <i>For decomposition of organics and increased availability of minerals</i>
BIOMAS PROTECT	Bioversija			Bacillus amyloliquefaciens <i>For improvement of soil phytosanitary properties and increased plant resistance to disease</i>
BIOMAS UNIVERSAL	Bioversija			Bacillus subtilis <i>For improvement of general state of soil, increased plant resistance to diseases and improved availability of minerals</i>
Botrifend	Genetti	OS	10 %	Mycorrhiza
EKOseed TURF	SP Sourcon			Kaolin, Pseudomonas sp., Bacillus sp., Trichoderma harzianum, mycorrhiza Sale only to professional manufacturers
EMEORO MIX	Timac Agro			Microorganisms
Endo Cereal	Bactiva	DM	99 %	Kaolin, seaweed extract, Glomus intraradices, Rhizosphere bacteria, starch, yucca extract
		OS	5 %	
		SiO2	46 %	
Endo Drip	Bactiva	DM	99 %	Kaolin, seaweed extract, Glomus intraradices, Trichoderma spp., Gliocladium virens, Rhizosphere bacteria, yucca extract
		OS	5 %	
		N	0,2 %	
		K2O	0,7 %	
		SiO2	46 %	
Endo Mais	Bactiva	DM	99 %	Kaolin, seaweed extract, Rhizosphere bacteria, Glomus intraradices, starch, yucca extract, trace elements
		OS	5 %	
		N	< 0,75 %	
		K2O	< 0,75 %	
		SiO2	46 %	



Tradename	Company	Nutrient content		Composition, Remarks
Endobac	Bactiva	N	0,1 %	Kaolin, Glomus intraradices, algae extract, useful rhizosphere bacteria, yucca extract, trace substances
		K2O	0,7 %	
		SiO2	47 %	
FZB 24® fl.	ABiTEP	DM	4-5 %	Biological sludge from Bacillus velezensis Abi19
		OS	5 %	
FZB 24® TB	ABiTEP	DM	99,5 %	Talcum, spores of Bacillus velezensis Abi19 <i>Natural Bacillus strain on talcum</i>
		OS	5 %	
FZB24® WG	ABiTEP	DM	90 %	Maize starch, spores of Bacillus velezensis Abi19, skimmed-milk powder <i>Natural Bacillus strain based on talcum</i>
		OS	95 %	
Hansebac	Hanseplant			Microorganisms, algae extract, fulvic acids
Hansespor	Hanseplant			Microorganisms, algae extract, fulvic acids
HISTICK® Soy	BASF SE			Bradyrhizobium japonicum <i>For the inoculation of soya bean seeds</i>
Humuswasser	Aquatec Leipzig			Water, microorganisms <i>Converts the anaerobic digestion process of slurry into an aerobic rotting process</i>
Kairos	agrobiota			Bacteria
Kartoffel Starter Set	Bactiva	DM	99 %	Kaolin, Glomus intraradices, seaweed extract, rhizosphere bacteria, Trichoderma, Gliocladium, yucca extract, trace elements
		OS	7 %	
		N	0,1 %	
		K2O	0,7 %	
		SiO2	45 %	
Legumino+ flüssig Lupine	Saphium	DM	< 1 %	Rhizobia culture, native organic rapeseed oil <i>Liquid rhizobium inoculate for lupine - Store in a cool and dry place - Spray thinly on seeds</i>
		OS	50 %	
Legumino+ flüssig Soja	Saphium	DM	< 1 %	Rhizobia culture, native organic rapeseed oil <i>Liquid rhizobium inoculate for soy - Store in a cool and dry place - Spray thinly on seeds</i>
		OS	50 %	
MikroVeda Farming PLUS STAMMLÖSUNG	MikroVeda			Solution of microorganisms
MikroVeda Farming STAMMLÖSUNG	MikroVeda			Solution of microorganisms
MikroVeda Farming SUPERAKTIVIERT	MikroVeda			Solution of microorganisms
MikroVeda FOLIO	MikroVeda			Microorganisms <i>Fermented plant extracts</i>
MooR	Plant Health Cure			Soil/drinking water extract, Rhizo-bacteria <i>Rhizobacteria in natural fulvic acid compounds</i>
MY BIOTRESTER	CFR	DM	19-25 %	Organic brewing pomace, humic acid < 2 mm, microorganisms <i>For cultivation- and potting soils, increasing mycorrhiza, plant aid, soil enhancer</i>
		OS	93-98 %	
		N	4,4 %	
		S	0,023 %	
		SiO2	ca. 1,4 %	
MycorGran	Plant Health Cure			Inert ingredients, mycorrhiza spores <i>Rhizobacteria in natural fulvic acid compounds</i>

Tradename	Company	Nutrient content		Composition, Remarks
MycZoom PGPR's	aurea-systems			<i>Plant growth promoting rhizobacteria (PGPR) enhance the availability of nutrients naturally to the plant systems and keep soil biologically active</i>
NovaFerm® Multi	AGROsolution	DM	1,5 %	Bacteria bio mass
		OS	1,1 %	
NovaFerm® Orion	AGROsolution	DM	1 %	Water, organic moist mass (spores), yeast extract
NovaFerm® Sirius	AGROsolution	DM	1 %	Water, natural soil bacterial cultures (Bacillus licheniformis), Yeast extract
NovaFerm® Viva	AGROsolution	DM	1 %	Yeast
Phosphatovit	ACON	DM	3 %	Bacillus mucilaginosus <i>Improves the availability of nutrients, especially P/K, suppresses phytopathogenic microflora, improves the soil and accumulates humus</i>
		OS	3 %	
PreVail for Alfalfa and True Clover – Combination	Verdesian			Rhizobium bacteria <i>1.0 x 10<sup>8</sup> cfu/g N2-fixing rhizobium bacteria</i>
PreVail for Alfalfa and Sweet Clover	Verdesian			Rhizobium bacteria <i>1.0 x 10<sup>8</sup> cfu/g N2-fixing rhizobium bacteria</i>
PreVail for True Clover	Verdesian			Rhizobium bacteria <i>1.0 x 10<sup>8</sup> cfu/g N2-fixing rhizobium bacteria</i>
ProGrow® 385	Progress Agrar	DM	95,21 %	Dextrose, various Bacillus species
		N	2,05 %	
Promot® Plus	Intrachem			Citric acid, SiO <sub>2</sub> , Trichoderma spores <i>Increases vitality and improves growth, yield and flower formation</i>
Quaterna® Activa 500	Sobac Deutschland	DM	94 %	Calcium carbonates, plant compost
rhizo power®	nadicom	DM	6 %	Pseudomona species, Bacillus species, rhizobia <i>Rhizobia for nitrogen supply of fodder plants (legumes), plant associated bacteria to promote growth</i>
		OS	6 %	
Rhizo.A	AGROsolution			Water, natural bacterial cultures (Bradyrhizobium japonicum, Rhizobium melliloti, Bacillus licheniformis)
Rhizo.B	AGROsolution			Water, natural bacterial cultures (Bacillus licheniformis)
RhizoFert	ABiTEP	DM	3,45 %	Bacillus atrophaeus ABi05
		OS	93,1 %	
		Mn	0,001 %	
		Zn	0,0006 %	
RhizoFix®	Feldsaaten Freudenberger	OS	100 %	Rhizobia-solution <i>Liquid Rhizobium inoculant for direct inoculation of legume seeds</i>
RHIZO-MIC AGRO PLUS	RHIZO-MIC	DM	> 91 %	Seaweed extracts, stone meal, beneficial bacteria (Bacillus spp.), beneficial soil fungus (Trichoderma harzianum)
		OS	47 %	
RhizoVital® 42	ABiTEP	DM	5 %	Bacillus amyloliquefaciens FZB 42
		OS	5 %	
RhizoVital® 42 TB	ABiTEP	DM	99 %	Talcum, Bacillus amyloliquefaciens FZB 42

Tradename	Company	Nutrient content		Composition, Remarks
RIZOKYL SIMPLEX	AGRIDAEUS	DM	2,8 %	Rhizospheric bacteria, Mycorrhiza
		OS	6 %	
RootWin® S	Biofa			Nitrogen-fixing microorganisms <i>Vaccinating agent for seed treatment of soybeans</i>
Simple Soil Solution™	PureAg LLC			Bacteria inoculants, fungi, Bacillus blend <i>Broad spectrum beneficial bacteria blend full of micro-organisms known to enhance and balance soil ecology</i>
T-Gro	Biofa			Trichoderma asperellum
T-Gro Easy-Flow	Biofa			Trichoderma asperellum
TRICHO HAC G	CFR	DM	50-78 %	Poplar wood chips, brewery spring water, Trichoderma harzianum <i>Trichoderma harzianum granulate on poplar wood, conform to ATCC No. 20846, against harmful fungi, for hot rotting, plant aid, soil enhancer</i>
		OS	98-99 %	
		N	0,12 %	
		S	0,002 %	
		SiO2	ca. 0,2 %	
TRICHO VIC G	CFR	DM	50-82 %	Poplar wood chips, brewery spring water, Trichoderma virens <i>Trichoderma virens granulate on poplar wood, conform to ATCC No. 9645, against harmful fungi and nematodes, plant aid, soil enhancer</i>
		OS	98-99 %	
		N	0,1 %	
		SiO2	ca. 0,2 %	
TRICHO-HAC	CFR			Lyophilised Trichoderma harzianum <i>Sprayable liquid substrate containing Trichoderma harzianum, pure strain, conform to ACC-No. 20846, against fungi and nematodes</i>
Trichostar®	Intrachem	OS	50 %	Cold-tolerant liquid Trichoderma <i>For perennial use from 2°C; for sowing, seedlings, vegetables, ornamental plants, fruits</i>
TRICHO-VIC	CFR			Brewery spring water, potato fibre extract, pea peptone, dextrose, lyophilised Trichoderma virens <i>Sprayable liquid substrate containing Trichoderma virens, pure strain, conform to ACC-No. 9645, against fungi and nematodes; plant additive, soil improver</i>
VA PWI	Plant Health Cure			Maltodextrin, Kaolin clay, yucca schidigera extract, Endo Mycorrhiza <i>VA Mycorrhiza Inoculum</i>
VigoForte®	Seed and Technology			Microorganisms, plant extract, water
Vitabac	Bactiva	DM	99 %	Stone meal, useful rhizosphere bacteria
		OS	3 %	
		N	0,2 %	
		P2O5	0,1 %	
		K2O	0,1 %	
		SiO2	50 %	
VitTerra N	SaM	DM	3 %	Azotobacter chroococcum <i>Optimizes N supply and availability of nutrients, suppresses phytopathogenic microflora and improves soil structure</i>
		OS	3 %	

Tradename	Company	Nutrient content		Composition, Remarks
VitTerra PK	SaM	DM	3 %	Water, mucilaginous bacillus <i>Improves the availability of nutrients, especially P / K, suppresses phytopathogenic microflora, improves the soil and collects humus</i>
VivaFlora® Orion	AGROsolution	DM	1 %	Water, biomass wet (spores), yeast extract
VivaFlora® Sirius	AGROsolution	DM	1 %	Water, natural soil bacterial cultures (Bacillus licheniformis), yeast extract
<b>1-9-21 Soil inoculants</b>				
Tradename	Company	Nutrient content		Composition, Remarks
ABIFERT	ABiTEP	DM	91,73 %	Wheat bran, Bacillus spp.
		OS	93,1 %	
		P2O5	2,08 %	
		K2O	1,09 %	
ABISAN	ABiTEP	DM	3,4 %	Bacillus spez.
		OS	93,1 %	
		N	0,29 %	
Azotovit	ACON	DM	3 %	Beijerinckia fluminensis + NS <i>Optimizes the N supply and the availability of nutrients, suppresses phytopathogenic microflora and improves soil structure</i>
		OS	3 %	
BaktoN	agowert			Beijerinckia fluminensis + NS
BaktoPK	agowert			Paenibacillus mucilaginosus + NS
FUEGO	BIAGRO	N	0,9 %	Vegetal amino acids <i>The product is based on whey (Lactobacillus) and vegetable amino acids</i>
FZB 24® fl.	ABiTEP	DM	4-5 %	Biological sludge from Bacillus velezensis Abi19
		OS	5 %	
FZB 24® TB	ABiTEP	DM	99,5 %	Talcum, spores of Bacillus velezensis Abi19 <i>Natural Bacillus strain on talcum</i>
		OS	5 %	
FZB24® WG	ABiTEP	DM	90 %	Maize starch, spores of Bacillus velezensis Abi19, skimmed-milk powder <i>Natural Bacillus strain based on talcum</i>
		OS	95 %	
Gaiasan	Agrostim	DM	3,1 %	Water, SBO, sea salt, organic molasses, Humisol
		OS	2,1 %	
INOQ Advantage	Inoq	DM	99,63 %	Root powder, arbuscular mykorrhiza funghi (Rhizoglopus irregulare, Funneliformis mosseae, Funneliformis caledonium), Vermiculite / sand
		OS	2 %	
INOQ Agri	Inoq	N	< 0,1 %	Vermiculite, sand, root powder, arbuscular mycorrhizal funghi (Rhizoglopus irregulare, Funneliformis mosseae, Funneliformis caledonium)
		P2O5	0,47 %	
		K2O	0,72 %	
Phosphatovit	ACON	DM	3 %	Bacillus mucilaginosus <i>Improves the availability of nutrients, especially P/K, suppresses phytopathogenic microflora, improves the soil and accumulates humus</i>
		OS	3 %	
ProGrow® 570	Progress Agrar	DM	94,38 %	Microorganisms <i>For all agricultural and horticultural crops</i>

Tradename	Company	Nutrient content		Composition, Remarks
ProGrow® 620	Progress Agrar			Microorganisms <i>For all agricultural and horticultural crops</i>
rhizo power®	nadicom	DM	6 %	Pseudomona species, Bacillus species, rhizobia <i>Rhizobia for nitrogen supply of fodder plants (legumes), plant associated bacteria to promote growth</i>
		OS	6 %	
RhizoFert	ABiTEP	DM	3,45 %	Bacillus atrophaeus ABi05
		OS	93,1 %	
		Mn	0,001 %	
		Zn	0,0006 %	
RhizoVital® 42	ABiTEP	DM	5 %	Bacillus amyloliquefaciens FZB 42
		OS	5 %	
RhizoVital® 42 TB	ABiTEP	DM	99 %	Talcum, Bacillus amyloliquefaciens FZB 42
SOLANOVA®	Intrachem			Whey powder, natural auxiliary materials, Mycorrhiza, Bacillus, Pseudomonas, Streptomyces, Trichoderma <i>For the application in potato cultivation</i>
Tmix plus®	Intrachem			Whey powder, natural auxiliary materials, microorganisms, Mycorrhiza <i>Improves the substrate and stimulates plant growth. Increased resistance to stress. Contains five microorganism species</i>
Trichostar®	Intrachem	OS	50 %	Cold-tolerant liquid Trichoderma <i>For perennial use from 2°C; for sowing, seedlings, vegetables, ornamental plants, fruits</i>
<b>1-9-40 Other Aids and Additives</b>				
Tradename	Company	Nutrient content		Composition, Remarks
Aquacer 581	BYK-Chemie	DM	30 %	Carnauba wax <i>Wax emulsion based on a carnauba wax to improve the surface properties of aqueous seed coatings</i>
Rotteförderung	Pflanzen- und Bodenpflege			Calcium carbonate
SensoPower Mix	Phytobiotics			Plant oils, plant extracts, tensides, essential oils
Tongranulat	Brinkmann	CaCO <sub>3</sub>	< 6,5 %	Approx. 49 % montmorillonite, kaolinite, illite, approx. 20 % quartz, approx. 16 % calcite, chlorite, feldspar and other, approx. 15 % loss on ignition Lutum content: ~ 45 % <i>Stabilized grain through drying, high sorption capacity for pH-value-buffering, facilitating water absorption by plants, providing with additional trace elements</i>

## 1-12 Additives for fertilizers, slurry, manure, digestion and composting

Tradename	Company	Nutrient content		Composition, Remarks
biofiMUM 75 plus	Schneider	DM	100 %	Magnesium-containing limestone meal with bentonite clay <i>Clay meal - lime bath for poultry, odour binder for every stable, 20 kg sack or entire pallet</i>
		CaO	43 %	
		MgO	1 %	
		SiO <sub>2</sub>	24 %	
Bioga-Krafft	Pflanzenkrafft	Ca	8 %	Silicon dioxide, coffee plant, alfalfa <i>To improve the biogas process</i>
		SiO <sub>2</sub>	91 %	
ECOSUS® SFC-Mineral	Ecosus	DM	65 %	Leonardite, calcium carbonate, bentonite, calcium sulphate, silicon, microorganisms <i>Increases the fertilizer efficiency; increases the natural soil fertility and stress tolerance of all cultures, especially regarding drought and high salinity</i>
		OS	28,8 %	
		CaO	8,7 %	
		MgO	1,2 %	
		S	3 %	
FARMSTABIL® FT + K	Farmgreen	DM	4 %	Microorganisms, vegetal substances <i>Component FT, component K</i>
		OS	2 %	
		N	0,1 %	
		K <sub>2</sub> O	0,3 + 2,6 %	
		MgO	0,8 %	
<b>1-12-1 Fertilizer additives</b>				
Tradename	Company	Nutrient content		Composition, Remarks
Diabas Urgesteinsmehl	Schicker	P <sub>2</sub> O <sub>5</sub>	0,4 %	Diabase hard stone <i>Soil: soil activation, humus formation, with minerals and trace elements</i> <i>Slurry: surface enlargement, ammonia binding, oxygen and rotting</i>
		K <sub>2</sub> O	0,75 %	
		CaO	15 %	
		MgO	3 %	
		Mg	1,8 %	
		S	0,3 %	
		Co	0,006 %	
MILAGRUM PLUS	Grupo Agrotecnología	OS	95 %	Lecithin, water
		N	0,5 %	
		P <sub>2</sub> O <sub>5</sub>	2,7 %	
		K <sub>2</sub> O	0,8 %	
Palaterra® PBA-Profi-Initial (Konzentrat)	Palaterra	OS	50 %	<i>Concentrate of microbiologically activated vegetable charcoal for preparation and refinement of organic residues, as well as production of in-house soil additives and natural fertilizers</i> <b>The component 'charcoal' is not considered compliant with the EC-Eco-Regulation in every German federal state</b>
		N	0,6 %	
		P <sub>2</sub> O <sub>5</sub>	0,2 %	
		K <sub>2</sub> O	0,4 %	
SNOEKs Kompostmeister	Snoek GmbH	DM	85,7 %	Wine marc humus, carbohydrates, seaweed algae lime, bentonite, horn meal, seaweed meal, valerian root
		OS	55,9 %	
		N	2,6 %	
		P <sub>2</sub> O <sub>5</sub>	0,5 %	
		K <sub>2</sub> O	2,4 %	
		CaO	7,1 %	
		S	0,47 %	

1-12-2 Slurry and manure additives				
Tradename	Company	Nutrient content		Composition, Remarks
Actiglène	Timac DE			Sea lime, special clay minerals, seaweed meal, mix of microorganisms and enzymes <i>Improvement of the flow properties and of the fertilising value</i>
AgriMestMix	Rinagro			Microorganisms <i>Fertilizer processing aid</i>
BioAktiv Professional Gülle	BioAktiv			Calcium carbonate <i>Removes sinking layers, reduces floating layers; facilitates the formation of a homogenous slurry. Promotes the growth of aerobic bacteria, less odour pollution, less ammonia</i>
BioAktiv Professional Güllebooster	BioAktiv			Organic sugar beet molasses <i>Removes hardened layers in the canal; activates the aerobic process, produces more flowable slurry (liquid manure)</i>
BioAktiv Professional Kompost	BioAktiv			Calcium carbonate <i>Promotes the growth of aerobic bacteria, reduces odour, promotes the formation of humus, promotes the rotting process</i>
BIOCOSi	BIOCO			Natural silicates, bacteria growing medium <i>Ammonia binding; promotes desired bacteria</i>
BIOLIT FEIN plus Urgesteinsmehl	Hartsteinwerk Kitzbühel	P2O5	0,56 %	Stonemeal from volcanic rock, lactic acid bacteria <i>Alkaline silicate primary rock flour from volcanic rock</i>
		K2O	0,48 %	
		CaO	2,72 %	
		MgO	3,25 %	
		Na	0,05 %	
		S	0,05 %	
		SiO2	50,94 %	
BIOLIT ULTRAFEIN plus	Hartsteinwerk Kitzbühel	P2O5	0,56 %	Alkaline silicate primary rock flour, lactic acid bacteria <i>Alkaline silicate rock flour from volcanic rock. Ultrafine granulation up to 0.01 mm - suitable for plant sprayers</i>
		K2O	0,48 %	
		CaO	2,72 %	
		MgO	3,25 %	
		S	0,05 %	
		SiO2	50,94 %	
		Fe2O3	15,34 %	
BIPLANTOL plus	Bioplant			Homoeopathic complex <i>Homoeopathic biological fast converter for slurry (liquid manure), manure, compost and bark for the homogenization of liquid manure as well as for the reducing the formation of gas</i>
CASIBAC® CP	Casanova			NaCl, Biolit stone meal, microorganisms
DOLOTON plus	Klose	DM	100 %	Calcium carbonate, clay mineral <i>Product produced by grinding together limestone and clay minerals</i>
		OS	< 1 %	
		CaO	39 %	
		MgO	2,5 %	
		SiO2	22 %	
EMIKO® Güllezusatz	EMIKO			Water, microorganisms, sugar cane molasses, brine
Erbers Gülleschwefel	ERBER AGRO	S	99,5 %	Elemental sulphur

Tradename	Company	Nutrient content		Composition, Remarks
Fermasan	Lexa	DM	99 %	Bentonite, calcareous marine algae, herbs, rotting starter, marine algae meal
Flinasan®	Lexa	DM	99 %	Bentonite, mixture of herbs, calcareous marine alga, sea algae meal, rotting starter <i>25 kg sack</i>
Güllehilfsmittel	Pflanzen- und Bodenpflege			Calcium carbonate
Humuswasser	Aquatec Leipzig			Water, microorganisms <i>Converts the anaerobic digestion process of slurry into an aerobic rotting process</i>
IN-WA-QUARZ G	Inwa			Informed water, quartz, NaCl <i>Substrate excipient for rotting; homoeopathically similarly prepared</i>
IPUSagro L 900	IPUS	DM	96 %	Clinoptilolite <i>For more flowable and homogeneous slurry (liquid manure)</i>
		OS	< 0,01 %	
		K2O	2,5 %	
		CaO	2,4 %	
		MgO	1,3 %	
		Na	1,1 %	
		Fe	0,9 %	
		SiO2	70 %	
Riwa Hy für Stall und Gülle	AGRAREngel	MgO	15 %	Magnesium sulphate
		Na	< 0,1 %	
		S	12,4 %	
		B	0,9 %	
SANBIO® TERRA	Sanbos	DM	99 %	Calcium carbonate, solution of microorganisms
		OS	1 %	
SANDILIT	Hartsteinwerk Kitzbühel	P2O5	0,56 %	Alkaline silicate sand from volcanic rock <i>Available in various grain sizes</i>
		K2O	0,48 %	
		CaO	2,72 %	
		MgO	3,25 %	
		Na	0,05 %	
		S	0,05 %	
		SiO2	50,94 %	
		Fe2O3	15,34 %	
SCHWEFAL® 99-GM	Intrachem	S	99,5 %	Elemental sulphur <i>For mixing in the slurry (liquid manure)</i>
Z'fix	Olmix GmbH	DM	99 %	Calcium carbonate, magnesium carbonate, granulated auxiliary agent, sodium chloride, potassium sulphate, iron sulphate <i>Homogenization of slurry (liquid manure), binding of ammonia</i>
		K2O	0,6 %	
		CaO	43 %	
		MgO	3,5 %	
		Na	3,8 %	
		S	1,52 %	
		Fe	0,32 %	
<b>1-12-3 Additives for digestion</b>				
Tradename	Company	Nutrient content		Composition, Remarks
BC.ATOX flüssig	Schaumann	DM	33,5 %	Iron(II) chloride <i>Iron product based on iron(II)chloride for hydrogen sulfide- and ammonia-precipitation and for supporting the biogas formation</i>
		Fe	13,8 %	
		Mn	0,1 %	



Tradename	Company	Nutrient content		Composition, Remarks
BC.ATOX Scon	Schaumann	DM	90 %	Iron hydroxide <i>Iron product for hydrogen sulfide precipitation and for supporting the biogas formation</i>
		CaO	11,5 %	
		MgO	0,8 %	
		Fe	35 %	
		Mn	0,45 %	
BERGOFERM® Absorb S	Bergophor	DM	90 %	Iron hydroxide, iron oxide <i>Iron hydroxide for the binding of hydrogen sulphide in biogas plants</i>
		Fe	44,5 %	
Deuto-Clear Sulfo	Lukeneder	Fe	11 %	Water, iron (II) chloride, hydrogen chloride <i>Precipitation of sulphur for biogas process optimization</i>
Donau Bellamethan classic	Biogasberatung GmbH			Iron(II) chloride
FermWell® Eisenchlorid 28	FermWell	DM	45 %	Iron Chloride <i>Effective substance 126 g/kg Fe(II)</i>
		Fe	12,6 %	
FermWell® Eisenchlorid 40	FermWell	DM	45 %	Iron Chloride <i>Effective substance 138 g/kg Fe(III)</i>
		Cu	0,001 %	
		Fe	13,8 %	
		Mn	0,1 %	
		Zn	0,01 %	
FermWell® Eisenhydroxid 50	FermWell	DM	90 %	Iron Hydroxide <i>Effective substance &gt; 500 g/kg Fe</i>
		MgO	0,7 %	
		Fe	54,6 %	
		Mn	1 %	
FermWell® Zeolith 50	FermWell	DM	96 %	Zeolithe / Clinoptilolite <i>Thermally activated, processed natural rock</i>
		CaO	3,6 %	
		MgO	0,9 %	
		Fe	1,3 %	
		Mn	1 %	
		SiO <sub>2</sub>	71 %	
FerroSorp® DG	HeGo Biotec	DM	85-90 %	ferrous hydroxide, ferrous oxide <i>Reaction agent for binding hydrogen sulfide in biogas plants</i>
		OS	0 %	
		Fe	> 33 %	
GeoHumat Plus®	Geofert	OS	5 %	Leonardite
		N	1,5 %	
		K <sub>2</sub> O	5,2 %	
Humuswasser	Aquatec Leipzig			Water, microorganisms <i>Converts the anaerobic digestion process of slurry into an aerobic rotting process</i>
IPUSmeth-max B	IPUS	DM	96 %	Clinoptilolite <i>Biogas-migulator (mineral bio-regulator) for the improvement of the biogas process</i>
		OS	< 0,01 %	
		K <sub>2</sub> O	2,5 %	
		CaO	2,4 %	
		MgO	1,3 %	
		Na	1,1 %	
		Fe	0,9 %	
		SiO <sub>2</sub>	70 %	
Klinopmin	Zeolith GmbH	DM	90 %	Clinoptilolite
		K <sub>2</sub> O	2,9 %	
		MgO	0,9 %	
		Na	0,4 %	
		Fe	0,7 %	
		SiO <sub>2</sub>	68,2 %	

Tradename	Company	Nutrient content		Composition, Remarks
LithoSoil	Lithos	P2O5	< 0,1 %	Clinoptilolite zeolite <i>For a more stable process flow in your biogas plant</i>
		K2O	1-4 %	
		CaO	3-6 %	
		MgO	0,5-1,5 %	
		SiO2	67-72 %	
Metha Tec® Detox S Aktiv	TerraVis	DM	85-90 %	Iron hydroxide, iron oxide
		Fe	35-40 %	
Metha Tec® Detox S feucht 4H	TerraVis	DM	30-36 %	Iron hydroxide
		Fe	33 %	
Metha Tec® Detox S Premium	TerraVis	DM	85-90 %	Iron hydroxide, iron oxide
		Fe	33 %	
Metha Tec® Detox S Turbo	TerraVis	DM	85-90 %	Iron hydroxide, calcium carbonate, silicon dioxide
		Fe	33 %	
Metha Tec® N min	TerraVis	DM	85-90 %	Iron hydroxide, iron oxide
		Fe	15-20 %	
Schwefelwasserstoff-Binder 400	energie+agrar	DM	> 90 %	Iron hydroxide <i>Highly amorphous iron hydroxide, gently dried</i>
		Fe	> 40 %	

## 1-19 Farmyard manure

### 1-19-1 Solid manure

Tradename	Company	Nutrient content		Composition, Remarks
AVI POST BIO NPK 4-3-3	COMEF	DM	88 %	Poultry manure
		OS	65 %	
		N	4 %	
		P2O5	3 %	
		K2O	3 %	
		CaO	9 %	
		MgO	1 %	
		Fe	0,08 %	

### 1-19-2 Liquid manure

Tradename	Company	Nutrient content		Composition, Remarks
Producto Liquido Natural Pedrin	ORGANICOS PEDRIN	DM	55 %	Manure Product available in Spain
		OS	4,50 %	
		N	1 %	
		P2O5	0,01 %	
		K2O	2,45 %	
		MgO	0,06 %	

## 1-20 Composts and digestates

### 1-20-1 Solid fertilizers from recycled material

#### 1-20-1-2 Green waste compost

Tradename	Company	Nutrient content		Composition, Remarks
Humusdünger	Kompent Entsorgung	DM	65 % of FW	Garden and parc waste, leonardite Salt content (KCl): 2.09 g/l WM pH value (in H <sub>2</sub> O): 8.6 <i>Humus fertiliser with approx. 35 % humic matter content</i>
		OS	23 % of DW	
		N <sub>total</sub>	1,2 % of DW	
		P <sub>2</sub> O <sub>5</sub>	0,59 % of DW	
		K <sub>2</sub> O	1,4 % of DW	
		CaO	2,8 % of DW	
		MgO	0,56 % of DW	

#### 1-20-1-5 Diverse composts

Tradename	Company	Nutrient content		Composition, Remarks
Ingrina BIO RIKO / Eichenrindenkompost	DIE TORFFRAU	DM	41 % of FW	Oak-bark compost, Provita Phytogran GOLD, Provita Pflanzfein, algal-based trace element fertilizer, primary rock flour Salt content (KCl): 1 g/l pH value (in CaCl <sub>2</sub> extract): 6.5 <i>Universally applicable soil improver as fit-maker for plants, produced with biodynamic compost preparations</i>
		OS	59 % of DW	
		N <sub>total</sub>	1 % of DW	
		P <sub>2</sub> O <sub>5</sub>	0,22 % of DW	
		K <sub>2</sub> O	0,22 % of DW	
		CaO	4,2 % of DW	
		MgO	0,22 % of DW	
Naturvigor-G	DAYMSA	DM	75-80 % of FW	Compost, leonardite Approval number: F0000784/2028 (MAPA, Spain) <i>Granular consisting of 70 % compost and 30 % leonardite</i>
		OS	50 % of DW	
		N	1,7 % of DW	
		P <sub>2</sub> O <sub>5</sub>	1,7 % of DW	
		K <sub>2</sub> O	1,7 % of DW	
		Fe	1,5 % of DW	
Orgalife	Organika Nova	DM	2,18 % of FW	Trace elements pH value (in H <sub>2</sub> O extract): 7.3 <i>Organic microbiological fertilizer prepared from californian red worms casting base. Total bacteria 125.000.000/ml</i>
		OS	58,32 % of DW	
		N <sub>total</sub>	2,19 % of DW	
		P <sub>2</sub> O <sub>5</sub>	2,87 % of DW	
		K <sub>2</sub> O	1,60 % of DW	
		Ca	4,12 % of DW	

#### 1-20-5 Compost

Tradename	Company	Nutrient content		Composition, Remarks
NATUPOST®	ORGANICOS PEDRIN	DM	37 % of FW	Approval number: F0000961/2018 (MAPA, Spain) <i>Exclusively obtained by controlled aerobic treatment of sheep and goat manure</i>
		OS	57 % of DW	
		N <sub>total</sub>	1,5 % of DW	
		P <sub>2</sub> O <sub>5</sub>	1,8 % of DW	
		K <sub>2</sub> O	4,6 % of DW	
		CaO	8,5 % of DW	
SIRLEPUR	ORGANICOS PEDRIN	DM	38 % of FW	<i>Obtained by controlled aerobic treatment of sheep and goat manure and vegetable residues from the food industry</i>
		OS	63 % of DW	
		N <sub>total</sub>	2,5 % of DW	
		K <sub>2</sub> O	3,3 % of DW	

## 1-25 Mulching materials, pots, and technical material

### 1-25-1 Mulches for covering

Tradename	Company	Nutrient content	Composition, Remarks
Hanfmatte	pemmiproducts		<i>Suitable as mulch mat and for growing micro vegetables</i>

### 1-25-5 Diverse mulches

Tradename	Company	Nutrient content	Composition, Remarks
Lava Granulate	Provinzial Basalt- und Lavawerke		Lava rock <i>Mineral coating layers. Substrate aggregate for roof greening</i>

### 1-25-6 Biodegradable pots

Tradename	Company	Nutrient content	Composition, Remarks
Kokosfaser Pflanztopf zur Anzucht und für Containerpflanzen	ProFlora		Coconut fibre, natural rubber <i>Degradable coconut fibre growing and planting pots with TÜV-Rheinland certification - Alternative to plastic pots</i>
Niem Netz Coins	Moser Niem-Handel		Coconut fibre, neem press cake

### 1-25-10 Bonding agents

Tradename	Company	Nutrient content	Composition, Remarks
Ecotwine	Biopacks		<i>Biodegradable binding material for the cultivation of vegetables and agriculture</i>

### 1-25-12 Biodegradable sowing fleeces

Tradename	Company	Nutrient content	Composition, Remarks
Hanfpad zur Anzucht von Saatgut	ProFlora		<i>Hemp fibres from non-genetically modified crops, purely mechanical processing of hemp fibres - without additives and binders</i>

### 1-25-20 Other biodegradable materials

Tradename	Company	Nutrient content	Composition, Remarks
Melotis Mulchmatte, Pflanzenvlies	Melotis		Sheep wool, hemp fibre

## 1-28 Sowing aids and seed treatments

Tradename	Company	Nutrient content	Composition, Remarks
BACTOLIVE SEED	RHIZO-MIC	DM > 93 % OS 51 %	Seaweed extract, auxiliaries bentonite, beneficial soil bacteria ( <i>Bacillus</i> spp.), beneficial soil fungus
BACTOLIVE TUBER	RHIZO-MIC	DM > 93 % OS 51 %	Seaweed extract, beneficial soil bacteria ( <i>Bacillus</i> spp.), beneficial soil fungus ( <i>Trichoderma harzianum</i> ), auxiliaries bentonite
Circumeo 100	Ad Terram		Aeolian clay <i>Pelleting and encrusting powder for sowing improvement</i>
Circumeo 1000	Ad Terram		Bentonite clay <i>Pelleting and encrusting powder for sowing improvement</i>

Tradename	Company	Nutrient content		Composition, Remarks
Circumeo 130	Ad Terram			Aeolian clay <i>Pelleting and encrusting powder for sowing improvement</i>
Circumeo 150	Ad Terram			Calcium carbonate <i>Pelleting and encrusting powder for sowing improvement</i>
Circumeo 250	Ad Terram			Marl <i>Pelleting and encrusting powder for sowing improvement</i>
Circumeo 60	Ad Terram			Mica, titanium oxide <i>Pelleting and encrusting powder for sowing improvement</i>
Circumeo 800	Ad Terram			Zeolite <i>Pelleting and encrusting powder for sowing improvement</i>
Circumeo 90	Ad Terram			Coccolite chalk <i>Pelleting and encrusting powder for sowing improvement</i>
EKOseed TURF	SP Sourcon			Kaolin, Pseudomonas sp., Bacillus sp., Trichoderma harzianum, mycorrhiza Sale only to professional manufacturers
MagicRoots	Rasen Partner	DM OS	6 % 6 %	Bacillus subtilis, Pseudomonas fluorescens, Azotobacter spp. <i>Root-associated soil bacteria to promote plant growth (liquid)</i>
Mantelsaat® Bio	Feldsaaten Freudenberger			Coating compound (minerals) <i>Can be used on a wide variety of crops, offers advantages in sowing and helps to get the crop off to a good start</i>
Mantelsaat® Klassik	Feldsaaten Freudenberger			Coating compound (minerals) <i>Can be used on a wide variety of crops, offers advantages in sowing and helps to get the crop off to a good start</i>
MASTERFIX L PREMIER	Stoller			Bradyrhizobium elkanii (SEMIA 5019), Bradyrhizobium japonicum (SEMIA 5079) 5 x 10 <sup>9</sup> CFU/ml <i>Liquid inoculant for soybeans, improves nodulation and yields</i>
MycoZoom PGPR's	aurea-systems			<i>Plant growth promoting rhizobacteria (PGPR) enhance the availability of nutrients naturally to the plant systems and keep soil biologically active</i>
ProGrow®-PRX 700	Progress Agrar	DM OS	95 % 27 %	Algea extracts, soil bacteria and soil fungi
ProGrow®-PRX 720	Progress Agrar	DM OS	95 % 27 %	Bacillus spp. and Trichoderma harzianum
ProGrow®-PRX-K 45-385	Progress Agrar	DM OS	95 % 27 %	Algea extracts, soil bacteria and soil fungi
rhizo power®	nadicom	DM OS	6 % 6 %	Pseudomonas species, Bacillus species, rhizobia <i>Rhizobia for nitrogen supply of fodder plants (legumes), plant associated bacteria to promote growth</i>
rhizo power® Erdbeere	nadicom	DM N	6 % 0,2 %	Microorganisms <i>Root-associated soil bacteria to promote plant growth (liquid)</i>

Tradename	Company	Nutrient content		Composition, Remarks
rhizo power® Gemüse	nadicom	DM	6 %	Microorganisms <i>Root-associated soil bacteria to promote plant growth (liquid)</i>
		OS	6 %	
rhizo power® Volle Blüte	nadicom	DM	6 %	Microorganisms <i>Root-associated soil bacteria to promote plant growth (liquid)</i>
		N	0,2 %	
RhizoFix®	Feldsaaten Freudenberger	OS	100 %	Rhizobia-solution <i>Liquid Rhizobium inoculant for direct inoculation of legume seeds</i>
SEBI-B5	Globachem			Water, natural polymer
SEBI-B56	Globachem			Water, natural polymer
SEBI-B6	Globachem			Water, natural polymer
SEFI-GE6	Globachem			Stone meals
SEFI-GE6M2	Globachem			Stone meals, natural polymers
SEFI-GE6PP	Globachem			Stone meals
Suspension 40066	SUET GmbH			<i>Suspension for seed treatment</i>

### 1-30 Growing media and potting soils

Tradename	Company	Nutrient content		Composition, Remarks
Plantaflor® Organic Blueberry Substrate	Plantaflor	N_total	65-155 mg/l	White peat, coconut pulp, green waste compost, black peat, perlite, horn semolina, Planta Bio-Mix 8+2+7, Radigen Salt content (KCl): 1.3 g/l pH value (in CaCl <sub>2</sub> extract): 4.8
		P <sub>2</sub> O <sub>5</sub>	85-195 mg/l	
		K <sub>2</sub> O	585-975 mg/l	
Plantaflor® Organic Raspberry Substrate	Plantaflor	N_total	65-155 mg/l	White peat, horn semolina, coconut pulp, black peat, perlite, green waste compost, Planta Bio-Mix, Radigen Salt content (KCl): 1.2 g/l pH-value (in CaCl <sub>2</sub> extract): 5.4
		P <sub>2</sub> O <sub>5</sub>	85-195 mg/l	
		K <sub>2</sub> O	585-975 mg/l	
Plantaflor® Organic Young Plant Substrate	Plantaflor	N_total	90-210 mg/l	White peat, Planta Bio-Mix 8+2+7, black peat, coconut pulp, perlite, Radigen Peat content: 70 % Salt content (KCl in CaSO <sub>4</sub> extract): 1 g/l pH value (in CaCl <sub>2</sub> extract): 5.6 <i>Young plant substrate for the cultivation of vegetable- and ornamental plants</i>
		P <sub>2</sub> O <sub>5</sub>	25-55 mg/l	
		K <sub>2</sub> O	300-500 mg/l	
Plantaflor® Organic Herb Substrate	Plantaflor	N_total	55-125 mg/l	White peat, horn meal, black peat, green waste compost, perlite, Planta Bio-Mix, Radigen Salt content (KCl): 1.1 g/l pH value (in CaCl <sub>2</sub> -extract): 5.8
		P <sub>2</sub> O <sub>5</sub>	85-195 mg/l	
		K <sub>2</sub> O	550-915 mg/l	
Schwarzerde für Hochbeet und Gemüse	Multikraft	P <sub>2</sub> O <sub>5</sub>	468 mg/l	Urerde, wood fibre, coconut pulp, clay meal Salt content (KCl): 3.8. g/l pH value (in VaCl <sub>2</sub> extract): 6.46
		K <sub>2</sub> O	2146 mg/l	

### 1-30-3 Potting soils without peat

Tradename	Company	Nutrient content		Composition, Remarks
Bio Blumen- und Pflanzerde torffrei	Gramoflor	N_total	150 mg/l	Ligno fibre, substrate compost (quality assured), cocopeat (washed), Öko-Mix 1, Öko-Mix 4 Salt content (KCl): 2 g/l pH value (in CaCl <sub>2</sub> extract): 6.3
		NO <sub>3</sub> -N	45 mg/l	
		NH <sub>4</sub> -N	105 mg/l	
		P <sub>2</sub> O <sub>5</sub>	350 mg/l	
		K <sub>2</sub> O	1500 mg/l	

Tradenname	Company	Nutrient content		Composition, Remarks
Bio Kräuter- und Gemüseerde torffrei	Gramoflor	N_total	130 mg/l	Cocopeat (washed), ligno fibre, substrate compost (quality assured), Öko-Mix 1, Öko-Mix 4 Salt content (KCl): 1.7 g/l pH value (in CaCl <sub>2</sub> extract): 6.2
		NO <sub>3</sub> -N	30 mg/l	
		NH <sub>4</sub> -N	100 mg/l	
		P <sub>2</sub> O <sub>5</sub>	300 mg/l	
		K <sub>2</sub> O	1250 mg/l	
bioplantis Bio Topfsubstrat torffrei	Bioplantis	N_total	650 mg/l	Wood fiber, cocopeat, bark compost, rice husks, organic fertiliser Salt content (KCl): 1.5 g/l pH value (in CaCl <sub>2</sub> -extract): 6.2
		P <sub>2</sub> O <sub>5</sub>	250 mg/l	
		K <sub>2</sub> O	680 mg/l	
corthum Bio-Regio Erde	corthum	N_total	102 mg/l	Bark humus, wood fibre, compost, pumice sand Salt content (KCl): 0.8 g/l <i>Organic peat-free soil - for planting vegetables, herbs, flowers, seasonally changing planting in open land or in buckets</i>
		K <sub>2</sub> O	607 mg/l	
CUXIN DCM AKTIV-ERDE TORFFREI	Deutsche Cuxin	N_total	100 mg/l	Coconut fibres and coconut pulp, substrate compost, Perlite, bark humus, wood fibres, Mykorrhiza Salt content (KCl): 1.5 g/l pH value (in CaCl <sub>2</sub> extract): 6
		P <sub>2</sub> O <sub>5</sub>	250 mg/l	
		K <sub>2</sub> O	800 mg/l	
Ingrina die Torffreie Aussaat- und Kräutererde	DIE TORFFRAU	N_total	50-100 mg/l	Oak-bark compost, substrate fibre mixture, bark humus, vermiculite Salt content (KCl): 0.8 g/l pH value (in CaCl <sub>2</sub> extract): 6 <i>Peat-free sowing and cultivation soil for all vegetables, herbs and flowers. Oak bark compost treated with bio-dynamic compost preparations</i>
		P <sub>2</sub> O <sub>5</sub>	80-150 mg/l	
		K <sub>2</sub> O	200-300 mg/l	
Ingrina die Torffreie Rhododendron- und Moorbeeterde	DIE TORFFRAU	N_total	100-250 mg/l	Oak bark compost, pine bark, vermiculite, bark compost, woodcut Salt content (KCl): 0.8 g/l pH value (in CaCl <sub>2</sub> extract): 4.5 - 4.8 <i>Ready-to-use special soil for bog plants that require acidic soil</i>
		NO <sub>3</sub> -N	50-125 mg/l	
		NH <sub>4</sub> -N	50-125 mg/l	
		P <sub>2</sub> O <sub>5</sub>	100-150 mg/l	
		K <sub>2</sub> O	350-500 mg/l	
Ingrina die Torffreie Topf- und Pflanzerde	DIE TORFFRAU	N_total	120-200 mg/l	Bark humus, oak bark compost, bio substrate fibre topora, Vermiculite 1-3 Salt content (KCl in CaSO <sub>4</sub> extract): 1.3 g/l pH value (in CaCl <sub>2</sub> extract): 6.2 <i>Peat-free potting soil for indoor-, bed-, balcony-, tub- and vegetable plants. Oak bark compost treated with biodynamic compost preparations</i>
		NO <sub>3</sub> -N	50-100 mg/l	
		NH <sub>4</sub> -N	70-100 mg/l	
		P <sub>2</sub> O <sub>5</sub>	100-150 mg/l	
		K <sub>2</sub> O	200-400 mg/l	
Palaterra® PKS Profi-A (torffrei)	Palaterra	OS	55 %	Salt content (KCl): 1 g/l pH value (in CaCl <sub>2</sub> -extract): 6 <i>Peat free cultivator substrate for commercial horticulture for sowing, raising, and cultivation of herbs, from renewable raw materials, Palaterra PBA-Profi-Initial, natural clay minerals and microorganisms</i> <b>The component 'charcoal' is not considered compliant with the EC-Eco-Regulation in every German federal state</b>
		N_total	50 mg/l	
		NO <sub>3</sub> -N	20 mg/l	
		NH <sub>4</sub> -N	30 mg/l	
		P <sub>2</sub> O <sub>5</sub>	150 mg/l	
		K <sub>2</sub> O	500 mg/l	
		Mg	300 mg/l	

**1-30-3-1 Potting soils for sowing without peat**

Tradename	Company	Nutrient content		Composition, Remarks
Ingrina die Torffreie Aussaat- und Kräuternerde	DIE TORFFRAU	N_total	50-100 mg/l	Oak-bark compost, substrate fibre mixture, bark humus, vermiculite Salt content (KCl): 0.8 g/l pH value (in CaCl <sub>2</sub> extract): 6 <i>Peat-free sowing and cultivation soil for all vegetables, herbs and flowers. Oak bark compost treated with bio-dynamic compost preparations</i>
		P <sub>2</sub> O <sub>5</sub>	80-150 mg/l	
		K <sub>2</sub> O	200-300 mg/l	

**1-30-5 Substrates with medium peat content**

Tradename	Company	Nutrient content		Composition, Remarks
BIO Pot	Brill	N_total	200 mg/l	White peat, black peat, wood fibre, CocoSol®, quality green compost, horn meal, horn semolina, Epsom salt, trace element fertilizer Peat content: 50 % Salt content (KCl): 1 g/l PH value (in CaCl <sub>2</sub> extract): 5.9
		P <sub>2</sub> O <sub>5</sub>	120 mg/l	
		K <sub>2</sub> O	450 mg/l	
Cuxin DCM Aktiv-Erde Bio-Erde	Deutsche Cuxin	N_total	190 mg/l	White peat, Dolokal, coconut fibre, substrate compost, DCM Eco-Mix 4, DCM Eco-Mix 1, black peat, pumice-airborne sand Peat content: 55 % Salt content (KCl): 1.8 g/l
		NO <sub>3</sub> -N	170 mg/l	
		NH <sub>4</sub> -N	20 mg/l	
		P <sub>2</sub> O <sub>5</sub>	280 mg/l	
		K <sub>2</sub> O	800 mg/l	
Ingrina BIO TORIKO / Blumen- und Pflanzerde	DIE TORFFRAU	N_total	100-150 mg/l	Oak bark compost - substrate fibre mixture, Northern German raised bog sog peat, vermiculite 1-3 Peat content: 40 % Salt content (KCl in CaSO <sub>4</sub> extract): 1 g/l pH value (in CaCl <sub>2</sub> extract): 6.2 <i>Low in peat, potting soil for indoor-, balcony-, bucket-, container- and outdoor plants. Oak bark compost treated with biodynamic compost preparations</i>
		P <sub>2</sub> O <sub>5</sub>	80-150 mg/l	
		K <sub>2</sub> O	200-300 mg/l	
Ingrina Moorbeeterde	DIE TORFFRAU	N_total	60 mg/l	Northern German raised bog sog peat, oak bark compost, horn meal, horn shavings, Meerwunder (seaweed granulate), primary rock flour Peat content: 60 % Salt content (KCl): 0,6 g/l pH-value (in CaCl <sub>2</sub> extract): 5 <i>For plantation or care of bog-soil plants as rhododendron, azalea and erica. Oak bark compost treated with biodynamic compost preparations</i>
		NO <sub>3</sub> -N	45 mg/l	
		NH <sub>4</sub> -N	15 mg/l	
		P <sub>2</sub> O <sub>5</sub>	100 mg/l	
		K <sub>2</sub> O	270 mg/l	
Plantaflor® Organic Container Substrate	Plantaflor	N_total	55-125 mg/l	White peat, horn semolina, coconut pulp, Perlite 2-6 mm, black peat, green waste compost, Planta Bio-Mix 8+2+7, Radigen Peat content: 60 % Salt content (KCl in CaSO <sub>4</sub> -extract): 1.1 g/l pH value (in CaCl <sub>2</sub> extract): 5.8 <i>Container substrate for the cultivation of ornamental- and woody plants in containers</i>
		P <sub>2</sub> O <sub>5</sub>	85-195 mg/l	
		K <sub>2</sub> O	550-915 mg/l	



Tradename	Company	Nutrient content		Composition, Remarks
Plantaflor® Organic Potting Substrate	Plantaflor	N_total	55-125 mg/l	White peat, horn semolina, coconut pulp, Perlite 2-6 mm, black peat, green waste compost, Planta Bio-Mix 8+2+7, Radigen Peat content: 60 % Salt content (KCl in CaSO4 extract): 1.1 g/l pH value (in CaCl2 extract): 5.8 <i>Potting substrate for the cultivation of ornamental- and vegetable plants</i>
		P2O5	85-195 mg/l	
		K2O	550-915 mg/l	

### 1-30-5-2 Cultivation soils with medium peat content

Tradename	Company	Nutrient content		Composition, Remarks
Höfter Bio-Anzuchterde	Höfter GmbH	N_total	140 mg/l	Ready compost, white peat, horn semolina, horn meal Salt content (KCl): 1.4 g/l pH value (in CaCl2 extract): 6.5
Ingrina BIO TORIKO / Aussaat- und Anzuchterde	DIE TORFFRAU	N_total	45-100 mg/l	Oak-bark compost, Northern German raised bog sog peat, horn meal, algal lime, primary rock flour, algal-based trace element fertilizer Peat content: 50 % Salt content (KCl): 0.6 g/l pH value (in CaCl2 extract): 5.8 <i>Sowing and cultivation soil for all types of vegetables, herbs and flowers. Oak bark compost treated with biodynamic compost preparations</i>
		NO3-N	10-40 mg/l	
		NH4-N	30-74 mg/l	
		P2O5	80-150 mg/l	
		K2O	200-300 mg/l	

### 1-30-6 Substrates with high peat content

Tradename	Company	Nutrient content		Composition, Remarks
Bio Aussaat Semi+Depot	Gramoflor	N_total	120 mg/l	White peat, black peat, cocopeat (washed), substrate compost, Lignofibre Xtrafine, Öko-Mix 1, Öko-Mix 4 Peat content: 65 % Salt content (KCl): 1.78 g/l pH value (in CaCl2 extract): 5.8 <i>Sowing and planting substrate</i>
		P2O5	305 mg/l	
		K2O	910 mg/l	
Bio Universal-LF30+Depot	Gramoflor	N_total	70 mg/l	White peat, black peat, ligno fibre, Öko-Mix 1, Öko-Mix 4, gramOMICRO-DEPOT Peat content: 70 % Salt content (KCl): 0.85 g/l pH value (in CaCl2 extract): 5.8 <i>Direct seedling of herbs under glass, potting substrate for ornamental plants</i>
		P2O5	79 mg/l	
		K2O	288 mg/l	
Klasmann Bio Kräutersubstrat	Klasmann-Deilmann	N_total	650 mg/l	Raised bog peat, quality assured green compost, wood fibre, fermented mixture of wood fibre/compost, horn shavings, calcium carbonate, trace element fertilizer Peat content: 70 % Salt content (KCl): 1-1.5 g/l pH value (in CaCl2 extract): 5.5 <i>Compost treated with bio-dynamic compost preparations</i>
		P2O5	150-200 mg/l	
		K2O	300-400 mg/l	
		Mg	100-150 mg/l	
Schwarzerde für Beet- und Balkonblumen	Multikraft	N_total	910 mg/l	White peat, wood fibre Peat content: 65 % Salt content (KCl): 1.5 g/l pH value (in CaCl2 extract): 6
		P2O5	289 mg/l	
		K2O	865 mg/l	

Tradename	Company	Nutrient content		Composition, Remarks
Schwarzerde für Beet-, Balkonblumen und Kräuter	Multikraft	N_total	910 mg/l	White peat, wood fibre Peat content: 65 % Salt content (KCl): 1.5 g/l pH value (in CaCl <sub>2</sub> extract): 6
		P <sub>2</sub> O <sub>5</sub>	289 mg/l	
		K <sub>2</sub> O	865 mg/l	

### 1-30-6-1 Mixes for pressed pots with high peat content

Tradename	Company	Nutrient content		Composition, Remarks
BIO Grond 30	Brill	N_total	200 mg/l	Black peat, CocoSol®, quality green compost, white peat, horn meal, special trace element fertilizer, Epsom salt Peat content: 70 % Salt content (KCl): 1 g/l pH value (in CaCl <sub>2</sub> extract): 5.9
		P <sub>2</sub> O <sub>5</sub>	120 mg/l	
		K <sub>2</sub> O	400 mg/l	
Klasmann Bio Potgrond	Klasmann-Deilmann	N_total	350-450 mg/l	Raised bog peat, quality assured green compost, fermented mixture of wood fiber/ compost, calcium carbonate, horn shavings, trace element fertilizer Peat content: 70 % Salt content (KCl): 1.5 g/l pH value (in CaCl <sub>2</sub> extract): 5.5 <i>The substrate is also available with 20 % peat substitute as recipe 025, compost treated with bio-dynamic composting preparations</i>
		P <sub>2</sub> O <sub>5</sub>	250-450 mg/l	
		K <sub>2</sub> O	350-700 mg/l	
		Mg	100-200 mg/l	

### 1-30-6-2 Cultivation soils with high peat content

Tradename	Company	Nutrient content		Composition, Remarks
BIO Herb Mix	Brill	N_total	180 mg/l	White peat, black peat, CocoDrain®, quality-assured green compost, CocoSol®, organic fertiliser, Epsom salt, trace element fertiliser Peat content: 70 % Salt content (KCl): 1 g/l pH value (in CaCl <sub>2</sub> extract): 5.9 <i>Recommendation for herbal cultures</i>
		P <sub>2</sub> O <sub>5</sub>	150 mg/l	
		K <sub>2</sub> O	400 mg/l	
BIO Start 30	Brill	N_total	200 mg/l	White peat, black peat, CocoSol®, quality green compost, horn meal, DCM ECO-Mix 1, trace elements fertiliser, Epsom salt Peat content: 70 % Salt content (KCl): 1 g/l pH value (in CaCl <sub>2</sub> extract): 5.9
		P <sub>2</sub> O <sub>5</sub>	120 mg/l	
		K <sub>2</sub> O	400 mg/l	

### 1-30-9 Substrates for special applications

#### 1-30-9-1 Substrates for landscaping

Tradename	Company	Nutrient content		Composition, Remarks
Boden-Vital	Böhme	N_total	< 1000 mg/l	Clinoptilolite
		P <sub>2</sub> O <sub>5</sub>	< 400 mg/l	
		K <sub>2</sub> O	24000 mg/l	
ökohum Steppensubstrat	ökohum GmbH	N_total	30 mg/l	Expanded clay-sand, expanded shale, bark compost, brick chippings, quartz sand, ground clay Salt content (KCl): 2 g/l pH value (in CaCl <sub>2</sub> extract): 8.5
		P <sub>2</sub> O <sub>5</sub>	20 mg/l	
		K <sub>2</sub> O	600 mg/l	

## 1-31 Additives for potting mixes

Tradename	Company	Nutrient content		Composition, Remarks
Bactiva® ZS 1/3x	Bactiva	DM	95,82 % of FW	Zeolithe, algin extract, yucca extract, Bacillus subtilis, B. polymyxa, B. megaterium, Pseudomonas fluorescens, Trichoderma harzianum, T. reesei, T. viride, Gliocladium virens
		OS	3 % of DW	
		K <sub>2</sub> O	2,77 % of DW	
		CaO	2,87 % of DW	

### 1-31-1 Mineral additives for potting mixes

Tradename	Company	Nutrient content		Composition, Remarks
herbaland® Z	Sanovita			Zeolithe <i>Application as soil additive in all crops with respective nutrient requirements</i>
Perligran Classic 0-6	Knauf Aquapanel	K <sub>2</sub> O	2-5 %	Expanded perlite <i>As aggregate for substrates, cultivation, pot cultivation, mineral soil conditioner, analyses according to Dutch RHP methods</i>
		CaO	0-2 %	
		MgO	0-1 %	
		Na <sub>2</sub> O	5-10 %	
		SiO <sub>2</sub>	60-80 %	
		Al <sub>2</sub> O <sub>3</sub>	12-16 %	
		Fe <sub>2</sub> O <sub>3</sub>	0-2,5 %	
Perligran Extra	Knauf Aquapanel	K <sub>2</sub> O	2-5 %	Expanded perlite <i>As aggregate for substrates, cultivation, pot cultivation, mineral soil conditioner, analyses according to Dutch RHP methods</i>
		CaO	0-2 %	
		MgO	0-1 %	
		Na <sub>2</sub> O	5-10 %	
		SiO <sub>2</sub>	60-80 %	
		Al <sub>2</sub> O <sub>3</sub>	12-16 %	
		Fe <sub>2</sub> O <sub>3</sub>	0-2,5 %	
Perligran Organic	Knauf Aquapanel	DM	86 %	Perlite, humic acid <i>Soil additive and substrate component specially for herb- and vegetable cultivation</i>
		OS	2,7 %	
Perligran Premium	Knauf Aquapanel	K <sub>2</sub> O	2-5 %	Expanded perlite <i>As additive for substrates, cultivation, pottig cultures, mineral soil enhancer, analysis according to Dutch RHP-methods</i>
		CaO	0-2 %	
		MgO	0-1 %	
		Na <sub>2</sub> O	5-10 %	
		SiO <sub>2</sub>	60-80 %	
		Al <sub>2</sub> O <sub>3</sub>	12-16 %	
		Fe <sub>2</sub> O <sub>3</sub>	0-2,5 %	
Perligran® Medium	Knauf Aquapanel	K <sub>2</sub> O	2-5 %	Expanded perlite <i>As aggregate for substrates, cultivation, pot cultivation, mineral soil conditioner, analyses according to Dutch RHP methods</i>
		CaO	0-2 %	
		MgO	0-1 %	
		Na <sub>2</sub> O	5-10 %	
		SiO <sub>2</sub>	60-80 %	
		Al <sub>2</sub> O <sub>3</sub>	12-16 %	
		Fe <sub>2</sub> O <sub>3</sub>	0-2,5 %	
TerraStrat	unipoint	DM	95 %	Clinoptilolite, alumina, feldspar, Mica
		P <sub>2</sub> O <sub>5</sub>	0,05 %	
		K <sub>2</sub> O	2,83 %	
		CaO	3,42 %	
		MgO	0,96 %	
		Fe	1,48 %	
		SiO <sub>2</sub>	70,06 %	

Tradename	Company	Nutrient content		Composition, Remarks
Vermiculite Typ S / ...	Isola	P2O5	< 0,6 %	Vermiculite <i>Mineral aggregate for young plant breeding, soil loosener, absorbs water, strengthens seedlings and provides strong healthy cuttings</i>
		K2O	< 0,2 %	
		CaO	0,3-1 %	
		MgO	24-26 %	
		SiO2	36-39 %	
<b>1-31-2 Organic additives for potting mixes</b>				
Tradename	Company	Nutrient content		Composition, Remarks
ARBOCEL® ADSORB 2	Rettenmaier			Cellulose <i>Cellulose dextrose derivative for the rewettability of soils and substrates</i>
ARBOCEL® FT 400	Rettenmaier			Cellulose <i>Cellulose-based substrate</i>
Florafibre	Torfwerk Moorkultur	N_total	7 mg/l	Wood shavings Salt content (KCl): 0.1 g/l pH value (in CaCl2 extract): 5
		P2O5	20 mg/l	
		K2O	55 mg/l	
Kleeschulte Substratfaser topora@-bio	Kleeschulte	DM	49,4 % of FW	Coniferous wood chips, organic fertilizer of animal origin Salt content (KCl): ≤ 0.1 g/l of FM pH value (in CaCl2 extract): 5.5
		OS	99,5 % of DW	
		N_total	5 % of DW	
		N_chargeable	0,32 % of DW	
		P2O5	0,05 % of DW	
		MgO	0,02 % of DW	
Kokosfasern	Gramoflor	N_total	< 10 mg/l	Coconut fibres Salt content (KCl): 0.3 g/l pH value (in H2O extract): 5.6
		NO3-N	< 5 mg/l	
		NH4-N	< 5 mg/l	
		P2O5	15 mg/l	
		K2O	< 500 mg/l	
Kokosmark Typ 100	Gramoflor	N_total	< 10 mg/l	Coconut pulp Salt content (KCl): < 0.8 g/l pH value (in H2O extract): < 6.5
		NO3-N	< 5 mg/l	
		NH4-N	< 5 mg/l	
		P2O5	< 5 mg/l	
		K2O	< 500 mg/l	
Kokosmark Typ 30	Gramoflor	N_total	< 10 mg/l	Coconut pulp Salt content (KCl): < 1.5 g/l pH value (in H2O-extract): < 6.5
		NO3-N	< 5 mg/l	
		NH4-N	< 5 mg/l	
		P2O5	20 mg/l	
		K2O	< 1.600 mg/l	
Kokosmark Typ 60	Gramoflor	N_total	< 10 mg/l	Coconut pulp Salt content (KCl): < 0.8 g/l pH value (in H2O extract): < 6.5
		NO3-N	< 5 mg/l	
		NH4-N	< 5 mg/l	
		P2O5	15 mg/l	
		K2O	< 850 mg/l	
Lava Granulate	Provinzial Basalt- und Lavawerke			Lava rock <i>Mineral coating layers. Substrate aggregate for roof greening</i>
LIGNOCEL® PF	Rettenmaier			Softwood fibre Delivery only to professional manufacturers of soil and substrates. Follow instructions for user protection (respiratory mask) <i>Substrate fibre for air void content and water retention capacity</i>

Tradename	Company	Nutrient content		Composition, Remarks
LIGNOFIBRE®	Gramoflor	N_total	1,0 mg/l	Wood fiber Salt content (KCl): < 0.05 g/l pH value (in H2O extract): < 5 <i>Wood chips thermally-mechanically defibrated by refining; lignofibre undyed medium</i>
		P2O5	< 10,0 mg/l	
		K2O	< 35,0 mg/l	
LIGNOFIBRE®c	Gramoflor	N_total	1,0 mg/l	Wood fiber Salt content (KCl): < 0.05 g/l pH value (in H2O extract): < 5 <i>Wood chips thermally-mechanically defibrated by refining technology; lignofibre dyed fine-medium</i>
		P2O5	< 10,0 mg/l	
		K2O	< 35,0 mg/l	
LIGNOFIBRE®c Xtrafine	Gramoflor	N_total	1,0 mg/l	Wood fiber Salt content (KCl): < 0.05 g/l pH value (in H2O extract): < 5 <i>Wood chips thermally-mechanically defibrated by refining technology; lignofibre dyed fine</i>
		P2O5	< 10,0 mg/l	
		K2O	< 35,0 mg/l	
VIVAPUR MCG 30 F	Rettenmaier			Microcrystalline cellulose, carboxymethyl cellulose <i>Rheology additive</i>

## 2 Plant protection products, beneficials and related products

### 2-1 Fungicides and other products against plant diseases

Tradename	Company	Application areas, Comments
AIRONE SC	Isagro	<p><b>Apple, pear, quince:</b> Fire blight (<i>Erwinia amylovora</i>)  <b>Peach, plum:</b> Leaf curl disease (<i>Taphrina deformans</i>), Bladder plum gall (<i>Taphrina pruni</i>)  <b>Peach, plum, apricot, sweet- and sour cherry:</b> <i>Monilinia</i>  <b>Vine, hop:</b> Downy Mildew (<i>Plasmopara viticola</i>)  <b>Potato:</b> Potato blight (<i>Phytophthora infestans</i>)  <b>Ornamental plants:</b> Powdery Mildew, <i>Cercospora</i>-species, <i>Gloeosporium</i>, rust (<i>Puccinia allii</i>), <i>Pseudomonas syringae</i>            Copper hydroxid 208,26 g/l, Copper oxychloride 229,79 g/l            Approval number: 008972-60</p> <p><b>Application only in fruit, wine and hop production. Use of copper limited to 3 kg/ha on average over the last 5 years</b></p>
AMYLO-X-WG	CERTIS Europe Spain	<p><b>Pome fruits:</b> Bacterial blight, stemphylium, monilia  <b>Stone fruits:</b> <i>Monilia</i>  <b>Berries:</b> <i>Botrytis</i>, powdery mildew  <b>Vine:</b> Powdery mildew  <b>Vegetables:</b> <i>Botrytis</i>, powdery mildew, sclerotinia  <i>Bacillus amyloliquefaciens</i> subsp. <i>plantarum</i> 5 x 10<sup>10</sup> CFU/g            Approval number: ES-00346 (MAPA, Spain)</p>
AQ 10® WG	e-nema	<p><b>Aubergine, vegetable peppers, pumpkin, pumpkin hybrids, tomato, zucchini, cucumber, strawberry, melon:</b> Powdery mildew  <i>Ampelomyces quisqualis</i> 5 billion spores/g            Approval number: 006391-00</p>
Armicarb	CERTIS Europe Spain	<p><b>Vegetables, pome- and stone fruit, berries, vine, ornamental plants, tropical fruits:</b> Powdery mildew, <i>Monilia</i>, <i>Botrytis</i>            Potassium hydrogen carbonate 85 %            Approval number: 25.697 (MAPA, Spain)</p>
AUSOIL 23 EC	AUSOIL PTY LTD	<p><b>Bananas:</b> Black Sigatoka (<i>Mycosphaerella fijiensis</i>)  <b>Broccoli:</b> <i>Alternaria</i>  <b>Rice:</b> <i>Rhizoctonia</i>  <b>Roses:</b> <i>Botrytis</i>, powdery mildew            Tea tree oil 230 g/l            REACH No. 01-2120743651-57-0022</p>
BADGE WG	Isagro	<p><b>Apple, pear, quince:</b> Fire blight (<i>Erwinia amylovora</i>)  <b>Peach, plum:</b> Leaf curl disease (<i>Taphrina deformans</i>), Bladder plum gall (<i>Taphrina pruni</i>)  <b>Peach, plum, apricot, sweet- and sour cherry:</b> <i>Monilinia</i>  <b>Vine, hop:</b> Downy Mildew (<i>Plasmopara viticola</i>)  <b>Potato:</b> Potato blight (<i>Phytophthora infestans</i>)  <b>Ornamental plants:</b> Powdery Mildew, <i>Cercospora</i>-species, <i>Gloeosporium</i>, rust (<i>Puccinia allii</i>), <i>Pseudomonas syringae</i>            Copper hydroxide 21,5 %, Copper oxychloride 23,5 %            Approval number: 008956-60</p> <p><b>Application only in fruit, wine and hop production. Use of copper limited to 3 kg/ha on average over the last 5 years</b></p>
Bafex-N®	Bio Insumos	<p><b>Grapevine:</b> <i>Meloidogyne</i> sp., <i>Xiphinema</i> sp., <i>Criconebella</i> sp.  <b>Tomato:</b> <i>Meloidogyne incognita</i>  <i>Bacillus cereus</i> (strain Bromelia) 3 x 3 10<sup>7</sup> CFU/g, <i>Bacillus thuringiensis</i> (strain Anemofila) 3 x 3 10<sup>7</sup> CFU/g, <i>Bacillus vereaus</i> (strain Peuma) 3 x 3 10<sup>7</sup> CFU/g            Approval number: 1824 (SAG, Chile)</p>

Tradename	Company	Application areas, Comments
BANAFORCE 24 EC	Iberlatyna Spain	Sigatoka control Tea tree oil ( <i>Melaleuca alternifolia</i> ) 24 % Approval number: 5335 (Dominican Republic) <i>Natural fungicide based on tea tree oil extracted from the Melaleuca alternifolia tree</i>
Blossom Protect™	bio-ferm	<b>Pome fruit:</b> Fire blight ( <i>Erwinia amylovora</i> ), fungal storage diseases <i>Aureobasidium pullulans</i> 5 <sup>9</sup> CFU/g Approval number: 007416-00
Botector®	bio-ferm	<b>Raspberry-like soft fruit, Currant-like soft fruit:</b> <i>Botrytis cinerea</i> <b>Table and wine grapes:</b> <i>Botrytis</i> ( <i>Botrytis cinerea</i> ) <b>Strawberry:</b> <i>Botrytis cinerea</i> <i>Aureobasidium pullulans</i> 5 <sup>9</sup> CFU/g Approval number: 007417-00
Cedomon	Koppert	<b>Rye:</b> <i>Fusarium</i> <b>Triticale:</b> <i>Pyrenophora teres</i> <b>Wheat:</b> <i>Tilletia caries</i> <i>Pseudomonas chlororaphie</i> MA 342 12 % Approval number: 005921-00
Cerall	Koppert	<b>Rye, triticale, wheat:</b> <i>Fusarium</i> , <i>Septoria</i> , <i>Tilletia caries</i> <i>Pseudomonas chloroaphis</i> MA 342 20 % Approval number: 005922-00
Contans WG	Bayer AG	<b>Cultivation of crops, vegetables and ornamental plants:</b> <i>Sclerotinia sclerotiorum</i> und <i>S. minor</i> <i>Coniothyrium minitans</i> at least 1 billion spores/g Approval number: 034346-00
COPRANTOL DUO	Isagro	<b>Apple, pear, quince:</b> <i>Erwinia amylovora</i> <b>Peach, plum:</b> <i>Taphrina deformans</i> , <i>Taphrina pruni</i> <b>Peach, plum, apricot, sweet cherry, sour cherry:</b> <i>Monilinia</i> <b>Weinrebe, Hopfen:</b> Falscher Mehltau <b>Graphes, Hops:</b> Downy mildew <b>Ornamental plants:</b> Powdery mildew fungi, <i>Cercospora</i> species, <i>Gloeosporium</i> , <i>Rust Puccinia allii</i> , <i>Pseudomonas syringae</i> Copper hydroxide 21,5 %, Copper Oxychloride 23,5 % Approval number: 008956-00 <i>Coprantol Duo has already an attestation of ecocert/France stating that is suitable for organic farming (after inspection to manufacturing site)</i>
		<b>Application only in fruit, wine and hop production. Use of copper limited to 3 kg/ha on average over the last 5 years</b>
Coraza®	Bio Insumos	<b>Tomato, apple, cherry, blueberries, kiwi, grapevine:</b> Stimulates plant growth and builds a barrier against cuts <i>Bacillus licheniformis</i> 3,3 x 10 <sup>7</sup> CFU/ml, <i>Bionectria ochroleuca</i> 3,3 x 10 <sup>7</sup> CFU/ml, <i>Hypocrea virens</i> 3,3 x 10 <sup>7</sup> CFU/ml Product available in Chile
CURATIO	Biofa	<b>Apricot, cherry, plum, peach:</b> Frizzle disease, <i>Monilia</i> , Powdery mildew <b>Vine:</b> Powdery mildew Calcium polysulfide 30 % Approval number: 13792 (MAPA, Spain)
EXTRAGOBER 95 SL	Agrotecnica Grupo Perfesa	Extracto de Gobernadora 95 % Approval number: 5800 (Dominican Republic)

Tradename	Company	Application areas, Comments
FUNIBIOL GOLD	Green Seal	<p><b>Banana:</b> Sigatoka negra, mycosphaerella fijensis</p> <p><b>Rice, fruits, vegetables:</b> Gaeumannomyces graminis, Sclerotinia spp., Rhizoctonia solani, Pyricularia oryzae, Cladosporium spp., Colletotrichum spp.</p> <p>Eucalyptus globulus 20 %, Saccharum officinarum 25 %</p> <p>Approval number: 7019 (Dom. Rep.)</p>
GRIFON SC	Isagro	<p><b>Apple, pear, quince:</b> Erwinia amylovora</p> <p><b>Peach, plum:</b> Taphrina deformans, Taphrina pruni</p> <p><b>Peach, plum, apricot, sweet cherry, sour cherry:</b> Monilinia</p> <p><b>Grapes, hops:</b> Downy mildew</p> <p><b>Potato:</b> Phytophthora infestans</p> <p><b>Ornamental plants:</b> Powdery mildew fungi, cercospora species, Gloeosporium, Rust (Puccinia allii), Pseudomonas syringae</p> <p>Copper hydroxide 208,26 g/l, Copper oxychloride 229,79 g/l</p> <p>Approval number: 008972-00</p> <p><b>Application only in fruit, wine and hop production. Use of copper limited to 3 kg/ha on average over the last 5 years</b></p>
IB ENDO MAX 3.69 SC	Innovaciones Biológicas	<p><b>Banana:</b> Black Sigatoka</p> <p>Hypocrea gamsii cepa volqui 3,69 %</p> <p>Approval number: 7074 (Dominican Republic)</p>
Kumar®	Certis Europe B.V.	<p><b>Apples:</b> Scab (Venturia spp.)</p> <p><b>Grapevine (vine- and table grapes):</b> Powdery mildew (Uncinula necator)</p> <p>Potassium hydrogen carbonate 850 g/kg</p> <p>Approval number: 007547-00</p> <p><i>For further applications approved under Article 51 (1) of Regulation (EC) No 1107/2009, please consult the company web page</i></p>
Nacillus 3.01 WP	Bio Insumos	<p><b>Banana:</b> Black Sigatoka</p> <p>Bacillus licheniformis 1,204 %, Bacillus subtilis 1,204 %, Brevibacillus brevis 0,602 %</p> <p>Approval number: 4076 (SAG, Chile)</p>
Nacillus®	Bio Insumos	<p><b>Pear:</b> Pseudomonas syringae pv. syringae</p> <p><b>Stone fruit:</b> Pseudomonas syringae pv syringae</p> <p><b>Kiwi, blueberry:</b> Pseudomonas syringae</p> <p><b>Grapevine:</b> Acetobacter sp.</p> <p><b>Tomato:</b> Xanthomonas campestris pv. vesicatoria, Clavibacter michiganensis subsp.michiganensis, Pseudomonas syringae pv. tomato</p> <p><b>Walnut, hazelnut:</b> Xanthomonas campestris pv. Juglandis, Xanthomonas arboricola</p> <p>Bacillus subtilis spp. 1,204 %, Brevibacillus brevis spp. 1,204 %, Brevibacillus licheniformis sp. 0,602 %</p> <p>Approval number: 352 (SENASA, Peru), 2678 (SAG, Chile)</p>
PRESTOP	Comercial Quimica Massó	<p><b>Cucumber:</b> Didymella bryoniae</p> <p><b>Tomato, pepper, cucumber, seedbeds, ornamental plants:</b> Botrytis, Fusarium, Phytophthora, Phythium, Rhizoctonia</p> <p><b>Aromatic herbs:</b> Fusarium, Phytophthora, Phythium, Rhizoctonia</p> <p>Gliocladium catenulatum 32 %</p> <p>Approval number: 25.736 (MAPA, Spain)</p>
PRIDE 23 EC	AUSOIL PTY LTD	<p><b>Bananas:</b> Black Sigatoka (Mycosphaerella fijiensis)</p> <p><b>Broccoli:</b> Alternaria</p> <p><b>Rice:</b> Rhizoctonia</p> <p><b>Roses:</b> Botrytis, powdery mildew</p> <p>Tea tree oil 230 g/l</p> <p>REACH No.: 01-2120743651-57-0022</p>



Tradename	Company	Application areas, Comments
Proradix®	SP Sourcon	Fungicide against root killer disease for the reduction of infestation of potatoes Pseudomonas sp. (DSMZ 13134) 5,35 % Approval number: 008952-00
ROMEO®	Intrachem	<b>Cucumber, melon, pumpkin, zucchini:</b> powdery mildew fungi <b>Salad:</b> downy mildew fungi <b>Strawberry, tomato, eggplant:</b> Botrytis cinerea  Approval number: 00A144-00 <i>Biofungicide against leaf diseases</i>
Serenade® ASO	Bayer AG	<b>Carrots:</b> Alternaria dauci, Erysiphe heraclei <b>Solanaceae, strawberry, lettuce:</b> Botrytis cinerea  Approval number: 007918-00
Serifel	BASF SE	In arable farming, cultivation of vegetables and fruits (grapes, banana, melon etc.) as fungicide Bacillus amyloliquefaciens 10 % Approval number: 4585 (Dom. Rep.), 78-181 (Rep. Guatemala), 593 (Rep. Honduras), BA-060F-2015 (Rep. Nicaragua), AG2016091139 (El Salvador)
Sonata SC	Bayer AG	<b>Banana, plantain:</b> Black Sigatoka (Mycosphaerella fijiensis) <b>Avocado:</b> Anthracnose (Colletrichum gloeosporioides), Mycosphaerella Scab <b>Seed crops:</b> Leveillula taurica, Phytophthora infestans <b>Ornamental plants:</b> Oidium neolycopersici, Oidiopsis taurica, Uncinula necator, Erysiphe cichoracearum and E. cichoracearum, Sphaeroteca spp. <b>Arable crops, vegetables, fruits:</b> Downy and powdery mildew and rust Bacteria 97,74 %  <b>Application only in EU-third countries</b>
THIOLUX® WG	QUIMETAL INDUSTRIAL	<b>Arable- / vegetable, crops and fruits:</b> Erysiphe (Uncinula) necator, Mites (Tetranychus sp, Panonychus sp, Brevipalpus) Sulphur 80 % Approval number: 2747 (SAG, Chile)
Timorex Gold®	Stockton	<b>Fruits:</b> Botrytis <b>Grapevines:</b> Powdery/downy mildew <b>Vegetables:</b> Bacterial diseases <b>Rice:</b> Early/late blights <b>Banana, plantain:</b> Black Sygatoka <b>Coffee, cocoa:</b> Coffee diseases <b>Corn, wheat:</b> Leaf spots <b>Herbs:</b> Fusarium Tea tree oil 23,8 % <i>Biofungicide based on plant extracts</i>

Tradename	Company	Application areas, Comments
Trichonativa®	Bio Insumos	<p><b>Citrus, papaya, kiwi:</b> Phytophthora cactorum, P. citrica, P. dreschieri, P. megasperma, P. citrophthora, P. cinnamomi, P. nicotianae, P. cryptogea, P. capsici, P.</p> <p><b>Pome fruit:</b> Botrytis cinerea, Alternaria alternata, Venturia inaequalis</p> <p><b>Olive, avocado:</b> Phytophthora cactorum, P. citrica, P. dreschieri, P. megasperma, P. citrophthora, P. cinnamomi, P. nicotianae, P. cryptogea</p> <p><b>Berries:</b> Botrytis cinerea, Phytophthora fragariae, P. citricola, P. citrophthora, P. megasperma, P. cryptogea, P. cactorum, Amillaria mellea</p> <p><b>Grapevine:</b> Botrytis cinerea, Verticillium albostrum, Chondrostereum purpureum</p> <p><b>Salad, pepper, chili, tomato:</b> Phytophthora capsici, Phytophthora solani, Scierotinia scierotorum, Phytophthora crytogea, P. cinnamoni, Botrytis cinerea</p> <p><b>Pine:</b> Stimulating growth Bacillus licheniformis strain copihue 0,33 %, Bionectria ochroleuca strain Mitique 0,33 %, Trichoderma spp. 0,33 % Product available in Chile</p>
VitiSan®	Biofa	<p><b>Pome fruit:</b> Scab</p> <p><b>Lamb's lettuce, endives, ornamental plants, grapevine (use as table and wine grape):</b> Powdery mildew of grapevine (Uncinula necator), Powdery mildew fungi</p> <p><b>Dwarf beans, runner beans, bulb vegetables:</b> Different kinds of Botrytis (Botrytis spp.)</p> <p><b>Strawberry, redcurrant-like soft fruits, raspberry, blackberry, cucumber, pattison, courgette, melon, watermelon, winter squash, gourd, cucurbita moschata, vegetable marrow, asparagus, tomato, eggplant:</b> Botrytis cinerea Potassium hydrogen carbonate 994,9 g/kg Approval number: 007593-00</p>
WINNER 25 SL	Green Seal	<p><b>Banana:</b> Antracnosis colletotrichum spp., Bacteriosis pseudomonas spp., Fusariosis fusarium spp., Mancha negra bipolaris oryzae, Mancha foliar alternaria spp., Botryodiplodia theobromae, Thielaviopsis paradoxa Onion extract (Allium sativum) 10 %, Sugar cane extract 15 % Approval number: 7067 (Ministry of Agriculture, Food and Fisheries, Dom. Rep.)</p>
YAKARTA 22.25 EC	SPACHEM	<p>Arable-/ Vegetable crops and fruits: Sarocladium oryzae, Oidium, Botrytis cinerea, Mildew, Black and yellow Sigatoka, Sclerotiniosis Coffee: Coffee rust, Cercospora Taobacco: Leaf spot Melaleuca alternifolia 24 % Approval number: 7158 (MA, DOM); 8649 (MDA, PAN) <i>Botanical fungicide</i></p>
<b>2-1-1 Products of plant or animal origin</b>		
Tradename	Company	Application areas, Comments
CapsiAlil® 86 % SL	Ecoflora	<p>Capsicum oleoresin 7,6 %, Garlic oleoresin 23,4 % Approval number: 6016 Min. de salud (DOM)</p>
EKO POSTFORTE 32.7SL	Iberlatyna Spain	<p>Sigatoka Control, postharvest treatment. Systemic and contact fungicide that increases the formation of phytoalexins (natural defense mechanism) Citrus seed, skin, pulp and juice extract (Citric acid) 28,7 % Approval number: 5305 (Dominican Republic) <i>Systemic and contact fungicide-bactericide allowed to be used in postharvest treatments</i></p>

Tradename	Company	Application areas, Comments
NICATE GOLD 22.3 EC	CELAGRI	<b>Banana:</b> Black Sigatoka <b>Aubergine, Cucumber, Tomato, Onion, Lettuce:</b> Powdery Mildew, Downy Mildew, Gray Mold, White mold <b>Coffee (Coffea arabica):</b> Coffee Rust (Hemileia vastarix), Rooster's Eye (Mycena citricolor) Tea tree oil (Melaleuca alternifolia) 22,3 % Registered in Spain, applicable in Dominican Republic and Nicaragua

### 2-1-1-6 Chitosan

Tradename	Company	Application areas, Comments
PROCROP™ CHITOSAN	Solbiosur	<b>Horticulture, berries and cereals:</b> Resistance inductor and elicitor Chitosan Chlorhydrate 2,5 %

### 2-1-2 Copper-based products

#### 2-1-2-1 Copper hydroxide

Tradename	Company	Application areas, Comments
Cuprozin® progress	Certis Europe B.V.	<b>Pome fruit:</b> Scab (Venturia spp.), Fruit tree canker (Nectria galligena) <b>Stone fruit:</b> Fungal leaf spot pathogen <b>Asparagus:</b> Leaf spot disease (Stemphylium botryosum) <b>Carrots:</b> Blight of carrot (Alternaria dauci) <b>Cucumber:</b> Downy mildew (Pseudoperonospora cubensis) <b>Onions:</b> Downy mildew of onion (Peronospora destructor) <b>Potatoes:</b> Late blight of potato (Phytophthora infestans), Black leg of potato (Erwinia carotovora) <b>Ornamental plants:</b> Bacterial leaf spot <b>Hop:</b> Downy mildew (Pseudoperonospora humuli) <b>Vines:</b> Downy mildew (Plasmopara viticola) Copper hydroxide (equivalent to 250 g copper/l) 383,8 g/l Approval number: 006895-00 <i>For further applications approved under Article 51 (1) of Regulation (EC) No 1107/2009, please consult the company web page. Please pay attention to the instructions for use</i>  <b>Application only in fruit, wine and hop production. Use of copper limited to 3 kg/ha on average over the last 5 years</b>
Funguran® progress	Certis Europe B.V.	<b>Pome fruit:</b> Scab (Venturia spp.), Fruit tree canker (Nectria galligena) <b>Stone fruit:</b> Fungal leaf spot pathogen <b>Potatoes:</b> Late blight of potato (Phytophthora infestans), black leg of potato (Erwinia carotovora) <b>Ornamental trees:</b> Bacterial leaf spot <b>Hop:</b> Downy mildew (Pseudoperonospora humuli) <b>Vines:</b> Downy mildew (Plasmopara viticola) Copper hydroxide (equivalent to 35 % copper) 53,7 % Approval number: 006896-00 <i>Please pay attention to the instructions for use</i>  <b>Application only in fruit, wine and hop production. Use of copper limited to 3 kg/ha on average over the last 5 years</b>
HIDRO-CUP® WG	QUIMETAL INDUSTRIAL	<b>Arable- / Vegetable crops and fruits:</b> Xanthomonas sp., Pseudomonas syringae sp., Phytophthora sp., Nectria sp. Copper hydroxide 81,3 %  <b>Application only in fruit, wine and hop production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b>

Tradename	Company	Application areas, Comments
KDOS	CERTIS Europe Spain	<b>Citrus, stone fruit, pome fruit, olive:</b> Mildew, Taphrina deformans, Bacteriosis, Monilia, Stigmina C., Scab, Endophytes fungi, Phytophthora Copper hydroxide 35 % Approval number: 22002 (MAPA, Spain)  <b>Application only in fruit, wine and hop production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b>
KOCIDE OPTI	CERTIS Europe Spain	<b>Stone fruits:</b> Bacteriosis <b>Apple:</b> Bacteriosis, Monilia <b>Cucumber:</b> Bacteriosis <b>Eggplant:</b> Alternaria, Anthracnose <b>Melon:</b> Alternaria, Anthracnose, Bacteriosis <b>Tomato:</b> Alternaria, Anthracnose, Bacteriosis <b>Salad:</b> Alternaria, Anthracnose, Bacteriosis Copper hydroxide 30 % Approval number: 23436 (MAPA, Spain)  <b>Application only in pome fruit and stone fruit. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b>

#### 2-1-2-4 Copper oxychloride

Tradename	Company	Application areas, Comments
Flowbrix®	Belchim	<b>Stone fruits:</b> Fruit tree canker <b>Tomato, eggplant:</b> Phytophthora infestans, bacterial pests Schaderreger <b>Pumpkin, cucumber, zucchini, patisson, ornamental/wild pumpkin (Cucurbita texana), bottle gourd, giant pumpkin:</b> Bacterial pests, mildew flakes Copper oxychloride (42,7 % by weight) 638,7 g/l Approval number: 008886-00  <b>Application only in fruit, wine and hop production. Use of copper limited to 3 kg/ha on average over the last 5 years</b>

#### 2-1-2-5 Copper sulphate

Tradename	Company	Application areas, Comments
Cuproxat®	Biofa	<b>Vine:</b> Downy mildew (Plasmopara viticola) Copper sulphate, tribasic 345 g/l Approval number: 033775-00  <b>Application only in fruit, wine and hop production. Use of copper limited to 3 kg/ha on average over the last 5 years</b>

## 2-1-2-6 Copper oxide

Tradename	Company	Application areas, Comments
COBRE NORDOX 75 WG	Comercial Quimica Massó	<b>Olives, pome fruits, stone fruits, citrus, grapes, garlic, onions, shallot, peas, green beans, leaf vegetables, tomato, aubergine, broccoli, cauliflower, cucurbits, young stems (except asparagus), ornamental plants, potatos, hop:</b> Spilocaea, Pseudomonas, Monilia, Venturia, Bacteriosis, Taphrina, Stigmia, Monilia, Phomopsis, endophytic fungi, Plasmopara, Alternaria, Colletotrichum, Mildew, Phytophthora, Pseudoperonospora, Rust Cuprous oxide 75 % Approval number: 22560 (MAPA, Spain)  <b>Application only in fruit, wine and hop production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b>
NORDOX 75 WG	NORDOX	<b>Banana:</b> Black Sigatoka (Mycosphaerella) <b>Citrus plants:</b> Citrus canker (Xanthomonas axonopodis) <b>Avocado:</b> Anthracnose (Colletotrichum gloesporioides) <b>Vegetables:</b> Mildew, Alternaria, Cercospora, Xanthomonas, Erwinia, Septoria <b>Cocoa:</b> Black pod disease (Phytophthora) <b>Coffee:</b> Coffee leaf rust ( H. vastatrix, Pseudomonas syringae) Copper oxide 86,2 % Approval number: 2008.43 (Norway)  <b>Application only in fruit, wine and hop production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b>

## 2-1-3 Mineral products

### 2-1-3-1 Sulphur

Tradename	Company	Application areas, Comments
ACOIDAL® WG	QUIMETAL INDUSTRIAL	<b>Viticulture, grapevine:</b> Powdery mildew Sulphur 80,75 % Approval number: 2076 SAG (CHL)
AZUFRE LANDIA® 350 EXTRA	QUIMETAL INDUSTRIAL	<b>Vegetables and fruits:</b> Erysiphe / Uncinula necator, mites (Tetranychus sp. Panonychus sp, Brevipalpus) Sulphur 93 % Approval number: 2213 SAG (CHL)
AZUFRE LANDIA® AEREO	QUIMETAL INDUSTRIAL	<b>Vegetables and fruits:</b> Erysiphe necator, mites (Tetranychus sp., Panonychus sp., Brevipalpus) Sulphur 93 % Approval number: 2073 SAG (CHL)
AZUMO WG	AFEPASA	<b>Table and wine grapes:</b> Powdery mildew Sulphur 80,75 % Approval number: 007712-60
HELIOSUFRE	ACTION PIN	Sulphur 52,4 %
Kumulus® WG	BASF SE	<b>Cultivation of crops, wine, fruit, vegetable and hop:</b> Powdery mildew fungi, stone fruit scab, red rust of plum, leaf spot of cherry, gall mites Sulphur 800 g/kg Approval number: 052273-00
Microthiol® WG	UPL	<b>Arable-, vegetable-, fruit cultivation:</b> Powdery mildew, Powdery mildew fungi <b>Cereals, grapevines:</b> Powdery mildew Sulphur 800 g/kg Approval number: 008467-00

Tradename	Company	Application areas, Comments
Netzschwefel Stulln	agrostulln	<p><b>Gooseberry:</b> Powdery mildew (<i>Sphaerotheca mors-uvae</i>), reduction of spider mites</p> <p><b>Pome fruits:</b> Powdery mildew, scab, reduction of spider mites</p> <p><b>Wine, fruit, vegetable cultivation:</b> Powdery mildew, reduction of spider mites (fruit cultivation)</p> <p><b>Root and tuber vegetables:</b> Powdery mildew</p> <p><b>Pea, cucumber:</b> Powdery mildew (<i>Erysiphe pisi</i>, <i>Erysiphe cichoracearum</i>, <i>Sphaerotheca fuliginea</i>)</p> <p><b>Wheat, barley, rye:</b> Powdery mildew (<i>Erysiphe graminis</i>)</p> <p><b>Ornamental plants:</b> Powdery mildew</p> <p><b>Oak (seedlings and young plants):</b> Powdery mildew (<i>Microsphaera alphitoides</i>)</p> <p>Sulphur 800 g/kg Approval number: 050006-00</p>
SulfoLiq 800 SC	Ciech Sarzyna	<p>Fungicide against powdery mildew on vine (<i>Uncinula necator</i>) in the field and on roses (<i>Sphaerotheca pannosa</i>) in the field and greenhouse</p> <p>Sulphur technical 55,9 % Approval number: 007863-60</p>
SulfoLiq® 800 SC	Biofa	<p><b>Grapevine, roses:</b> Powdery mildew</p> <p>Sulphur technical 55,9 % Approval number: 007863-60</p> <p><i>Fungicide against powdery mildew on vines (outdoor) and roses (outdoor and greenhouse)</i></p>
THIOVIT JET®	Syngenta	<p><b>Fruit cultivation:</b> Scab and powdery mildew fungi, with a reducing effect on spider mites</p> <p><b>Gooseberry:</b> American powdery mildew of gooseberry (<i>Sphaerotheca mors-uvae</i>)</p> <p><b>Table and wine grapes:</b> Powdery mildew of grapevine (<i>Uncinula necator</i>)</p> <p><b>Pea, cucumber:</b> Powdery mildew (<i>Erysiphe pisi</i>, <i>Erysiphe cichoracearum</i>, <i>Sphaerotheca fuliginea</i>)</p> <p><b>Root and tuber vegetables (outdoor):</b> Powdery mildew fungi</p> <p><b>Wheat, rye, barley:</b> Powdery mildew of cereals (<i>Erysiphe graminis</i>)</p> <p><b>Outdoor ornamental plants:</b> Powdery mildew fungi</p> <p><b>Hop:</b> Powdery mildew of hop (<i>Sphaerotheca macularis</i>)</p> <p><b>Oak (seedlings, young plants, forestry):</b> Powdery mildew of oak (<i>Mycosphaera alphitoides</i>)</p> <p>Sulphur 800 g/kg Approval number: 050498-00</p>

## 2-1-5 Micro-organisms

Tradename	Company	Application areas, Comments
Custombio B5	Bacteriashop	<p>Foliar protection, fungicidal <i>Mycosphaerella fijiensis</i>, Growth promotion, Root promotion, solubilize nutrients, inoculant</p> <p><i>Bacillus laterosporus</i> 0,2 %, <i>Bacillus licheniformis</i> 0,2 %, <i>Bacillus megaterium</i> 0,2 %, <i>Bacillus pumilus</i> 0,2 %, <i>Bacillus subtilis</i> 0,2 %</p> <p>Approval number: 4222 (Dominican Republic)</p>
IB CANTUS 3.0 WP	Innovaciones Biológicas	<p><b>Banana:</b> Black Sigatoka</p> <p><b>Grape:</b> Powdery mildew</p> <p><b>Cacao:</b> Frosty pod rot</p> <p><i>Bacillus licheniformis</i> 1,8 %, <i>Bacillus subtilis</i> 1,2 %</p> <p>Approval number: 7250 (Dominican Republic)</p>

Tradename	Company	Application areas, Comments
Mamull®	Bio Insumos	<b>Apple, pear, grapevine, cherry, plumb, peach, apricot, nectarines, blueberry, raspberry, kiwi, citrus:</b> Stimulates plant growth <b>Tomato, Avocado:</b> Stimulates plant growth <b>Walnut, hazelnut, almond:</b> Stimulates plant growth Bionectria ochroleuca 0,33 %, Hypocrea virens 0,33 %, Trichoderma gamsii 0,33 % Product available in Chile
Mobillium 3.69 SC	Innovaciones Biológicas	<b>Pineapple:</b> Fusarium, Phytophthora Hypocrea lixii cepa Quintral 1,845 %, Hypocrea virens cepa Chagual 1,845 % Approval number: 7073 (Dominican Republic)
PMV®-01	DCM	<b>Tomato:</b> Pepino Mosaic Virus Pepino mosaic virus (Strain CH 2) 5 x 10 <sup>5</sup> / µL Approval number: 008887-00
Polyversum®	Biopreparaty	<b>Vegetables:</b> Botrytis cinerea, Sclerotinia spp. <b>Grapevine, strawberry:</b> Botrytis cinerea Pythium oligandrum M1 Approval number: 008470-00

## 2-2 Insecticides and acaricides

Tradename	Company	Application areas, Comments
ABANTO MAX	Afrasa	<b>Stone fruits:</b> Aphids <b>Grapevine and wine grapes:</b> Cicadelids <b>Tomato, eggplant, pepper:</b> White flies <b>Salad, spinach and other:</b> Aphids <b>Cucurbits (edible and non edible peel):</b> White flies Pyrethrins extract 4 % Approval number: ES-00718 (MAPA, Spain)
ADINA®	Sipcam	<b>Vegetal crops and fruits, tobacco:</b> Insect pests and nematodes <b>cotton, ornamental crops, forest nurseries:</b> Insect pests Azadirachtin A (pure) 1 % Approval number: 22166 (MAPA, Spain)
ALGICROP 45.04 EC	Iberlatyna Spain	Use on banana trees to control white fly. Inductor effect of self defense reactions on crops attacked by insects Allicin 1,27 E-3 %, Anamu extract (cumarins) 1,53 E-3 %, Capsaicin 2,36 E-5 %, Cinnamon extract 3,47 % Approval number: 5428 (Dominican Republic) <i>Natural insecticide based on allicin, capsaicin, cinnamon cinnamaldehyde, cumarins and aliphatic hydrocarbons (mineral oil)</i>
Ardanux Diatomec 84.3 DP	ALTEO	<b>Fruits, banana:</b> Thrips, Red mites <b>Gemüse:</b> Thrips, red mites <b>Ornamentals:</b> Thrips, red mites Diatomaceous earth 100 % Approval number: 6093 (Ministry of Agriculture, Dominican Republic) <i>Natural miticide and insecticide, formulated on the basis of fossilized diatomaceous algae</i>
ATTRACAP	BIOCARE	<b>Potatoes:</b> Click beetle larvae (wireworm) Metarhizium brunneum (Strain C15) 4,8x10 <sup>11</sup> spores/ha BVL-approval for emergency situations from February 15th 2018 until June 15th 2018 against click beetle larvae (wireworm) on potatoes
BACTHUR LIQUIDO	S. ANDO Y CIA.	Bacillus thuringiensis kurstaki 4 % Approval number: 33.868 (SENASA, Argentina)

Tradename	Company	Application areas, Comments
BANOLE 100 SO	V Energy	<b>Fruits:</b> Insects and mites <b>Vegetables:</b> Insects and mites <b>Arable:</b> insects and mites Paraffin oil 100 Approval number: 4063 (Ministry of Agriculture, Dominican Republic)
BETK-03®	Bio Insumos	<b>Apple, pear:</b> Cydia pomonella <b>Peach, nectarine, cherry, apricot:</b> Cydia molesta <b>Blueberry:</b> Proeulia spp. <b>Grapevine:</b> Proeulia spp., Lobesia botrana <b>Tomato:</b> Tuta absoluta Bacillus thuringiensis 1,81 % Product available in Chile
BotaniGard®	CERTIS Europe Spain	<b>Strawberry:</b> Spider mite <b>Cucurbits, vegetables:</b> White fly <b>Lettuce:</b> Aphids Beauveria bassiana 10,7 % Approval number: 22648 (MAPA, Spain)
BREAKER MAX	CERTIS Europe Spain	<b>Cucurbits, fruiting vegetables:</b> White fly <b>Stone fruits, Lettuce, Escarole:</b> Aphids Pyrethrins 4 % Approval number: ES-00242 (MAPA, Spain)
Capex® 2	Biofa	<b>Fruit cultivation / pome fruit:</b> Summer Fruit Tortrix Fruit tree tortrix-Granulovirus 5 g/l Approval number: 034149-00
Citrol-ina®	Sipcam	<b>Citrus, pome and stone fruits:</b> Insecticide (scales, aphids) and acaricide Paraffinic oil (pure) 96,9 Approval number: 15173 (MAPA, Spain)
CORDIAL	Comercial Quimica Massó	<b>Cucumber, pepper, tomato:</b> Aphids, white fly, thrips <b>Ornamental plants:</b> Aphids, white fly, thrips Pyrethrins 19 g/l Approval number: 25.527 (MAPA, Spain)
CORDIAL EXTRA	Comercial Quimica Massó	<b>Strawberries and berries, pome fruits:</b> Thrips, Drosophila suzukii, aphids <b>Vine:</b> Grapevine moth <b>Zucchini, horticultural crops and melon:</b> Aphids <b>Tomato, citrus, ornamental and aromatic herbs:</b> Thrips, white fly and aphids <b>Eggplant and pepper:</b> White fly <b>Potato:</b> Potato beetle Pyrethrins 10 % Approval number: ES-00543 MAPA (Spain)
Costar®	Syngenta Espana	<b>Vegetable crops and fruits:</b> Caterpillars Bacillus Thuringiensis var. Kurstaki 18 % Approval number: 22060 (MAPA, Spain)
DERREX®	Progema	<b>Arable crops, vegetables, green manuring, hop, fruits, vine, ornamental plants:</b> Slugs Iron(III)phosphate 2,97 % Approval number: 007086-00
FLIPPER	Alpha BioPesticides	<b>Fruits:</b> All sucking pests <b>Vegetables:</b> All sucking pests <b>Horticulture:</b> All sucking pests <b>Ornamentals:</b> All sucking pests Fatty Acids K Salt 49 % Approval number: 2160527 AMM (FRA),14.577 (GRC), 05027 PCS (IRL), 010890 (ITA),1046 (PRT), ES 00249 MAPA (ESP),19154 MAPP (GBR),4092-0 (AUT),5703-0 (CZE) + others



Tradename	Company	Application areas, Comments
HELICOVEX	Andermatt	<b>Vegetables, maize, tobacco, ornamental plants, minor crops:</b> Cotton bollworm ( <i>Helicoverpa armigera</i> ) <i>Helicoverpa armigera</i> nucleopolyhedrovirus (HearNPV-BV0003) 7,5x10 <sup>12</sup> OB/L Approval number: ESP, ITA, FRA, GRC, BGR, PRT
IVENOL	Comercial Quimica Massó	<b>Citrus:</b> Aphids, scales, mites <b>Pome trees, stone fruits:</b> Mites Paraffin oil 79 % Approval number: 13.847 (MAPA, Spain)
KENPYR	BIAGRO	<b>Tomato, Aubergine, Pepper:</b> White fly, aphids Pyrethrin 2,14 % Approved in Italy, France, Cyprus
Lepinox® Plus	e-nema	<b>Apple, pear:</b> Sommer fruit tortrix ( <i>Adoxophyes orana</i> ), Brown fruit tree tortrix ( <i>Archips podana</i> ) <b>Strawberry:</b> Owllet moths <b>Wine grape:</b> Vine moth and European grapevine moth (1st. and 2nd. generation) <b>Turnip, broccoli, cabbages:</b> Diamondback moth, owllet moths, cabbage white butterfly <b>Bush beans, peas, summer- and cultivated squash, calabash, zucchini, celeriac, celery, mangold, chicory, fennel, root parsley, spinach, salad-species, tomato:</b> Owllet moths <b>Hop:</b> European corn borer <i>Bacillus thuringiensis</i> kurstaki (Strain EG 2348) 15 % Approval number: 008449-00 <i>Further recommendations for use on the company website. No waiting period</i>
MADEX TOP	Andermatt	<b>Pome fruit:</b> Codling moth ( <i>Cydia pomonella</i> ) <i>Cydia pomonella</i> Granulovirus (DSMZ GV0013) 3 x 10 <sup>13</sup> OB/L Approval number: AUT, CZE, FRA, GRC, BGR, DKN, HUN, ITA, BG, DK, HU
MADEX TWIN	Andermatt	<b>Pome fruit:</b> Codling Moth ( <i>Cydia pomonella</i> ), Oriental Fruit Moth ( <i>Grapholita molesta</i> ) <b>Stone fruit:</b> Oriental fruit moth ( <i>Grapholita molesta</i> ) <i>Cydia pomonella</i> Granulovirus (DSMZ GV0014) 3 x 10 <sup>13</sup> OB/L Approval number: FRA, AUT, IT, ESP, BGR
Madex® MAX	Biofa	<b>Fruit cultivation, pome fruit:</b> Codling moth Codling moth - Granulovirus Isolate GV-0006 6,24 g/l Approval number: 006903-00
MANVERT phytosoap	Biovert SL	<b>All crops:</b> Insects Potassium soap 7 % Approval number: BVT-058A-2014, IPSA, Nicaragua
Met52® Granulat	Novozymes	<b>Berries, ornamental plants:</b> Vine beetle ( <i>Otiorynchus sulcatus</i> ) <i>Metarhizium anisopliae</i> var. <i>anisopliae</i> (Strain F52) 2 % Approval number: 007460-00 <i>Active agents with a minimum content of 9 x 10<sup>11</sup> CFU/kg</i>
Naturalis®	e-nema	<b>Aubergine, fruit vegetables under glass, vegetable paprika, cucumber, tomato, ornamental plants:</b> White fly <i>Beauveria bassiana</i> strain (ATCC 74040) 23 million spores/ml Approval number: 007198-00
Neem Plus Schädlingfrei	Neudorff	<b>Ornamental plants in green houses, offices, rooms and on balconies:</b> Aphids, scale-species, spider mites ( <i>Tetranychide</i> ), thrips, white flies Azadirachtin 0,127 %, Rapsöl 94,152 % Approval number: 006892-00

Tradename	Company	Application areas, Comments
NeemAzal®-T/S	Trifolio-M	<b>Cultivation of field crops, fruits, vine, vegetables and ornamental plants:</b> Sucking, biting and leaf-mining insects Azadirachtin A 1 % Approval number: 024436-00
NeemPro®tect	Trifolio-M	<b>Oak trees:</b> Oak processionary moth (Thaumetopoea processionea L.) Margosa-Extract BAuA-No.: DE-0011980-18 (Biocide) <i>Biocide of the product group 18 for the prevention of health hazards on public and/or private grounds</i>
Neudosan Neu	Progema	<b>Cultivation of vegetables, fruits and ornamental plants:</b> Sucking insects, aphids, white flies, spider mites Potash soap of natural fatty acids 515 g/l Approval number: 024207-60
NITRUR FRUTAGEN	S. ANDO Y CIA.	Bacillus thuringiensis var Aizawai 3 % Approval number: 36.099 (SENASA, Argentina)
PIRECRIS	SEIPASA	<b>Lettuce:</b> Nasonovia Ribisnigri, Myzus Persicae Hyperomyzus <b>Spinach:</b> Aphis Fabae <b>Tomato, aubergine:</b> Bemisia tabaci, trialeuroies vaporariorum <b>Pepper:</b> Mycus Persicae, Aphis Gossypii Pyrethrum extract 4 % Approval number: ES00225 MAPA (ESP); 2161106 ANSES (FRA), 016036 salute.gov. (ITA); 0996 dgav (PRT)
PIRETRO VERDE	Biofa	<b>Viticulture:</b> European grape berry moth, European grapevine moth; application 3x/year. (stage of development 61: 1.28 l/ha, stage of development 71: 1.92 l/ha, stage of development 75: 2.4 l/ha) <b>Outdoor ornamental plants:</b> Aphids, white fly, various kinds of scale insects, feeding moth caterpillars, leaf-eating beetles and sawflies Pyrethrins 18,61 g/l Approval number: 006370-00
PREV-AM	Oro Agri	<b>Fruit vegetables:</b> White flies <b>Ornamental plants:</b> Sucking insects Orange oil 60 g/l Approval number: 007474-00 <i>Orange oil is a contact pesticide that breaks down the outer protective layers of soft bodied insects</i>
Promanal Neu	Progema	<b>Cultivation of ornamental plants under glass:</b> Scales, mealy bugs, spider mites on sclerophyllous ornamental plants <b>Fruit- and vine cultivation:</b> Spider mites (winter eggs) Paraffin oil 546 g/l Approval number: 024182-62
Pyrifog®	Biofa	<b>Protection of stored products:</b> Adult moths Pyrethrins 8 g/l Approval number: 006408-62 <i>Insecticide for the control of adult moths</i>
Silicid	Detia Garda	Storage protection against insects (storage pests) Diatomaceous earth 100 % Approval number: 024375-60

Tradename	Company	Application areas, Comments
SPEXIT	Andermatt	<b>Strawberries:</b> Beet armyworm ( <i>Spodoptera exigua</i> ) <b>Vegetable crops:</b> Beet armyworm ( <i>Spodoptera exigua</i> ) <b>Ornamentals:</b> Beet armyworm ( <i>Spodoptera exigua</i> ) Spodoptera exigua nucleopolyhedrovirus (SeMNPV) >3,75 x 10 <sup>12</sup> OB/L Approval number: 69553-4 EPA (USA)  <b>Precondition for use: ask for the official registration status of this plant protection product in the respective country</b>
Spruzit Neu	Progema	<b>Cultivation of vegetables and ornamental plants:</b> Sucking and biting insects, outdoors and in the greenhouse Pyrethrins 4,59 g/l, Rape seed oil 825,3 g/l Approval number: 024780-60
TOLOX	Algin Chemie	For defence against sucking, biting and leaf-mining insects as well as fungus gnats and potato beetles in arable farming, vegetable and fruit growing and tree nurseries Margosa extract 0,5 %, Sodium carbonate 87,5 % BAuA-No.: N-77421 (Biocide)
TRIAC	Servalesa	<b>Fruit trees:</b> Aphids, white fly, thrips <b>Vegetables:</b> Aphids, white fly, thrips Pyrethrin 2,14 % Approval number: 25.297/19 (MAPA, Spain)
XenTari®	Biofa	<b>Cultivation of wine, fruit and ornamental plants, vegetable cultivation (outdoor, under glass):</b> Various caterpillars (larvae) of butterflies (including winter moth, owlet moth, leafroller moth) Bac. thuringiensis var. aizawai 540 g/kg Approval number: 024426-00

## 2-2-1 Products of plant or animal origin

### 2-2-1-1 Azadirachtin (neem)

Tradename	Company	Application areas, Comments
CHIASA NIM 0.4 EC	CELAGRI	<b>Banana:</b> Thrips, Thrips ssp. <b>Citrus:</b> worm borer, diap <b>Pineapple:</b> Aphids <b>Tomate:</b> White fly, Trialeurodes spp., Bemisia tabaci spp. <b>Coffee:</b> Cochineal, Dactylopius coccus Azadirachtin indica 0,4 % Approval number: 5329 Min.de Agr. (DOM), 1197 (HND), CS-070Y-2017 (NIC)

### 2-2-1-2 Potassium soap (soft soap)

Tradename	Company	Application areas, Comments
BIJAP	BIAGRO	<b>Tomato:</b> White Fly Potassium salts of fatty acids 41,6 % Approval number: 00125 (MAPA, Spain)

### 2-2-1-3 Pyrethrin

Tradename	Company	Application areas, Comments
PIRETRO NATURA	Idai	<b>Stone fruit:</b> Aphids <b>Lettuce:</b> Aphids <b>Lettuce:</b> Aphids <b>Aubergine, cucurbitaceae, pepper, tomato:</b> White fly Pyrethrins 4 % w/v Approval number: ES-00244 (MAPA, Spain)  <b>Not for mushroom production</b>

### 2-2-1-5 Rape seed oil

Tradename	Company	Application areas, Comments
MICULA	Evergreen	<b>Pome fruits and stone fruits:</b> Eriophyid mites, spider mites <b>Grapevine:</b> Scale varieties, spider mites, eriophyps vitis <b>Ornamental plants:</b> Scale varieties, spider mites <b>Ornamental plants, cabbage and fruit vegetables, leaf, legume, onion and shoot vegetables:</b> Aphid, white fly Rapeseed oil 85 % Approval number: 043743-00 <i>Suitable both for spraying and for use during the growing season</i>

### 2-2-4 Micro-organisms

Tradename	Company	Application areas, Comments
CHIASA TOTAL PLUS 17.3 SL	CELAGRI	<b>Banana (Musa sp):</b> Weevil - cosmopolites sordidus <b>Citrus:</b> Thrips <b>Pineapple (Ananas comosus):</b> Aphids <b>Bean (phaseolus vulgaris):</b> White fly, trialeurodes spp, Bemisia tabaci spp <b>Coffee:</b> Hypothenemus Beauveria bassiana 3,2 %, Metarhizium anisopliae 8,3 %, Verticillium lecanii 5,8 % Approval number: CS-070X-2017 IPSA (NIC), 1196 (HND), 5512 MA (DOM) <i>Microbiological insecticide. It acts by contact causing death by mycosis</i>
Tomigan Plus 1.5 WP	Innovaciones Biológicas	<b>Banana:</b> Crown rot Bacillus subtilis 0,9 %, Trichoderma virens 0,6 % Approval number: 7477 (Dominican Republic)

### 2-2-4-2 Bacillus thuringiensis var. kurstaki

Tradename	Company	Application areas, Comments
DELFIN	CERTIS Europe Spain	<b>Berries, ornamental- and horticultural plants:</b> Caterpillars <b>Vine:</b> Lobesia botrana <b>Arable farming:</b> Caterpillars, Spodoptera <b>Fruit trees, Citrics, Cotton:</b> Caterpillars, spider, spodoptera, plusia, cacoecia Bacillus thuringiensis kurstaki 32 % Approval number: 19.159 (MAPA, Spain)

### 2-2-4-4 Bacillus thuringiensis var. aizawai

Tradename	Company	Application areas, Comments
FlorBac™	Sumitomo	<b>Grapevine:</b> Grape moth <b>Onion:</b> leek moth <b>Cabbage and leaf vegetables:</b> caterpillar <b>Woods:</b> caterpillar Bacillus thuringiensis ssp aizawai (stem ABTS-1857) 54 % Approval number: 024426-60
TUREX	CERTIS Europe Spain	<b>Grapevine:</b> Lobesia botrana <b>Vegetables, stone fruits, cucurbits, pome fruits, tobacco, berries:</b> Defoliating caterpillar, European grapevine moth (Lobesia botrana) Bacillus thuringiensis aizawai 50 % Approval number: 19.430 (MAPA, Spain)

Tradename	Company	Application areas, Comments
TUREX 50 WG	CERTIS Europe Spain	<b>Pome fruit:</b> Carcocapsa, Piral, moths, Noctuidae <b>Stone fruit:</b> Cydia molesta, borer, worms and moths <b>Grapevine:</b> Lobesia botrana, moths <b>Vegetables:</b> Borer, noctuidos, pieris s.p. <b>Tabacco, forest, citrus fruit:</b> Processionary moth, Lymantria monacha, Prays oleae Bacillus thuringiensis aizawai 50 % Approval number: ES-00045 (MAPA, Spain)

#### 2-2-4-8 Other micro-organisms

Tradename	Company	Application areas, Comments
Proradix®	SP Sourcon	Fungicide against root killer disease for the reduction of infestation of potatoes Pseudomonas sp. (DSMZ 13134) 5,35 % Approval number: 008952-00

### 2-3 Molluscicides

Tradename	Company	Application areas, Comments
IROXX	CERTIS Europe Spain	<b>Forest and not fruit-bearing shrubs, herbaceous plants, trees:</b> Slugs and snails Iron(III) phosphate 2,97 % Approval number: 25696 (MAPA, Spain)
SluXX® HP	Progema	<b>Arable cultures, vegetables, hop, fruit, vine, ornamental plants:</b> Slugs Iron(III) phosphate 2,97 % Approval number: 026683-00

### 2-4 Trapping and mating disruption systems

Tradename	Company	Application areas, Comments
Isomate ® - OFM Rosso Flex	Biofa	<b>Peach, damson, plum, pome fruit:</b> Plum fruit moth, oriental fruit moth (Cydia molesta), smaller fruit tortrix Insect pheromone 215 mg/Dispenser Approval number: 006945-00

#### 2-4-1 Traps and accessories

Tradename	Company	Application areas, Comments
Baumleimring	Aeraxon	<b>Fruit cultivation:</b> Winter moth caterpillars, ants, crawling pests  <i>Poison-free glue ring (3.5 m) for all trees. Protects against caterpillars, ants and creeping pests; with binding wire</i>
Insekten-Leimtafeln	Aeraxon	<b>Cultivation of vegetables and ornamental plants:</b> Poison free and odorless glue trap for combating white flies, leafminers, thrips, fungus gnats and flying aphids
Peganix	Plasticos Multiform	<b>Bananas:</b> Mealy bugs, thryps, ants, beetles <b>Citrus (lime and lemon):</b> Mealy bugs, thryps, ants, beetles <b>Coconuts:</b> Ants, beetles Rapeseed oil 5 % Adhesive for insect traps

2-4-2 Mating disruption		
Tradename	Company	Application areas, Comments
MASSLURE® AoAu	Comercial Quimica Massó	<b>Citrus:</b> California red scale ( <i>Aonidiella aurantii</i> ) Rescalure 4 % Approval number: ES-00169 (MAPA, Spain)

  

2-5 Other products		
Tradename	Company	Application areas, Comments
Grisamethrin PYRETHRUM	Schädlings-bekämpfung-Produkte	Pyrethrum extract 0,2 % BAuA-No.: N-75957 (Biocide) <i>Ready-to-use spray or fogging preparation for combating flying and creeping insects</i>

  

2-5-2 Trunk paint		
Tradename	Company	Application areas, Comments
ADINA®	Sipcam	<b>Vegetal crops and fruits, tobacco:</b> Insect pests and nematodes <b>cotton, ornamental crops, forest nurseries:</b> Insect pests Azadirachtin A (pure) 1 % Approval number: 22166 (MAPA, Spain)
Raupenleim grün	Schacht	<b>Fruit and ornamental trees, forestry plants:</b> To combat crawling insects on the trunk Resins 25 %
Raupen-Leimring	Schacht	<b>Fruit trees, ornamental trees, forest plants:</b> To combat crawling insects on the trunk Natural glue

  

2-5-3 Game animal repellents		
Tradename	Company	Application areas, Comments
proagro Schäl- und Fraßstopp®	Belchim	<b>Orcharding and forestry (hard- and coniferous wood):</b> Repellent against red deer, fallow deer and sika deer <b>Orcharding, ornamental plant cultivation and forestry (hard- and coniferous wood):</b> Repellent against beaver, hare and wild rabbit Quartz sand Approval number: 043444-60
WÖBRA®	Flügel	Against stripping damage to fruit trees, coniferous and deciduous wood as well as ornamental conifers through red-, fallow- and sika deer. Against peeling and gnawing damage to ornamental plants through beavers, wild rabbits and hares. Against peeling and gnawing damage to coniferous and deciduous wood through beavers Quartz sand 48 % Approval number: 043444-00

  

2-5-4 Other repellents		
Tradename	Company	Application areas, Comments
Schnexagon®	Solvoluta	Against terrestrial snails, especially spanish slug ( <i>Arion lusitanicus</i> ). Control by a coat on vertical barriers  <i>Only surfactants (and concentrations) approved by the cosmetic sector and ecologically harmless are used</i>

Tradename	Company	Application areas, Comments
SURROUND WP CROP PROTECTANT	Tessenderlo	<b>Apple, plum, cherry, peaches, pear:</b> Psylla pyri, Dysaphis plantaginea, Myzus persicae, Myzus verasi, Brachycaudus helichrysi <b>Citrus:</b> Ceratitis capitata <b>Olive:</b> Dacus oleae, Prays oleae <b>Grapevine:</b> Frankliniella occidentalis Aluminium silicate (kaolin) 950 g/kg <i>The product contains 95 % of calcined kaolin and 5 % of food additive</i>

## 2-5-6 Seed treatments

Tradename	Company	Application areas, Comments
Integral® Pro	BASF SE	<b>Rapeseed:</b> Root crowns and stem rot, soil fleas Bacillus amyloliquefaciens (strain MBI 600) 2,2 x 10 <sup>10</sup> spores/ml Approval number: 008804-00

## 2-5-7 Protection of stored products

Tradename	Company	Application areas, Comments
Aco.fog PY BIO	acotec	<b>Storage and processing rooms; for void space treatment:</b> Ready-to-use hot fogging preparation for combating flying and crawling harmful insects such as moths, beetles, flies, cockroaches etc. Application also in food processing plants Pyrethrum (25 %) BAuA-No.: N-39256 (Biocide) <i>Immediate action and strong expulsion effect; natural-pyrethrum-preparation; quick breakdown of active substances, low outlay</i>
Aco.mat PY BIO 300	acotec	<b>Storage and processing rooms; for void spaces treatment:</b> Self-nebulizer (spray can) for combating flying and crawling harmful house- and hygiene insects such as moths, beetles, flies, cockroaches etc. Application also in food processing plants Pyrethrum (25 %) BAuA-No.: N-35418 (Biocide) <i>Immediate action and strong expulsion effect, natural-pyrethrum-preparation, quick breakdown of active substances, short ventilation period</i>
Aco.sol PY BIO	acotec	<b>Storage and processing rooms; for void space treatment :</b> Ready-to-use spraying and misting agent for combating flying and creeping harmful insects, such as moths, beetles, flies, cockroaches etc. Application also in food processing plants Pyrethrum (25 %) BAuA-No: N-13638 (Biocide) <i>Immediate action and strong expulsion effect, natural-pyrethrum-preparation, quick breakdown of active substances, short ventilation period</i>
BraconTop® Bracon hebetor (Habrobracon hebetor), Mehlmottenschlupfwespe, Brackwespen	AMW	<b>Stock and harvested goods, warehouse:</b> Moths that damage stocks (e.g. indian meal moths, mediterranean flour moths, but also wax moths in hives)  <i>Small unit (40 animals) for 25 to 100 m<sup>2</sup> Large unit (200 animals) for 100 to 200 m<sup>2</sup></i>
Cephalonomia tarsalis Schlupfwespen; Getreide-Plattkäfer-Ameisenwespchen	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Sawtoothed grain beetle (Oryzaephilus surinamensis) Cephalonomia tarsalis <i>One unit for 10 m<sup>2</sup> of empty space or one unit for 15 t poured grain</i>

Tradename	Company	Application areas, Comments
CephiTop® Cephalonomia tarsalis (Cephalonomia tarsalis), Ameisenwespchen, Schlupfwespen	AMW	<b>Stock and harvested goods, warehouse, void space:</b> Sawtoothed grain beetle (Cephalonomia tarsalis), merchant grain beetle (Oryzaephilus mercator) Cephalonomia tarsalis <i>Unit (40 animals) for 25 to 100 m²</i>
Habrobracon hebetor - Mehlmottenschlupfwespen	Biofa	<b>Stock and harvested goods, warehouse, void space:</b> Harmful foodmoths of stored products
Habrobracon hebetor Schlupfwespen; Mehlmottenschlupfwespe	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Harmful food moths of stored products (corn borer) Habrobracon hebetor <i>One unit for 10-15 m² of empty space or grain surface</i>
Habrobracon hebetor, Mehlmottenschlupfwespe	ARIES	<b>Stock and harvested goods, warehouse, void space:</b> Harmful food moths of stored products
INSEKTENIL-Naturpyrethrum-Spray	hentschke + sawatzki	<b>Approved preservative for use in the premises of goods in stock:</b> for the control of moths in cereals, cereal products, processing products of oil seeds, shell fruits, dried fruit and tobacco Natural pyrethrins 8 g/l Approval number: 006408-00
INSEKTENIL-PLANT-EX	hentschke + sawatzki	<b>Storage and processing rooms; for void space treatment:</b> Ready-to-use spraying and misting agent for the combat of flying and creeping pests of stored products and hygiene pests such as moths, beetles, flies, cockroaches Chrysanthemum cinerariaefolium, ext. 8 g/l BAuA-No.: N-10388 (Biocide)
Lariophagus distinguendus - Lagererzwespen	Biofa	<b>Stock and harvested goods, warehouse, void space:</b> Granary weevil, rice weevil, lesser grain borer, drugstore beetle
Lariophagus distinguendus Schlupfwespen; Lagererzwespe	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Granary weevil, rice weevil, lesser grain borer, drugstore beetle, corn weevil, tobacco beetle, whitemarked spider beetle, bean weevil, shiny spider beetle, golden spider beetle Lariophagus distinguendus <i>One unit for 10 m² of empty space or one unit for 15 t poured grain</i>
Lariophagus distinguendus, Lagererzwespe	ARIES	<b>Stock and harvested goods, warehouse, void space:</b> Species of beetles harmful for stored products such as granary weevil, drugstore beetle etc.
LarioTop® Lagererzwespe Lariophagus distinguendus	AMW	<b>Stock and harvested goods, warehouse, void space:</b> Different kinds of weevils (granary weevil, corn weevil, rice weevil), different kinds of bruchid beetles (bean weevil, pea weevil), drugstore beetle, shiny spider beetle, golden spider beetle)  <i>Unit (40 animals) for 25 to 100 m²</i>
microsol® bio-autofog	Microsol	<b>Approved preservation agent for use in the presence of open stored products in mills and warehouses:</b> for the control of moths in cereals, cereal products, processing products of oil seeds, shell fruits, dried fruit and tobacco Natural pyrethrins 8 g/l Approval number: 006408-60
microsol-cock-NATURE	Microsol	<b>Against storage and hygiene pests in processing areas of the food, drinks and tobacco industry, of bakeries and pasta companies, feed and animal nutrition companies:</b> Granary weevil, flat bark beetle, meal beetle, flour beetle, dried fruit moths, flour moths, cacao moths etc. Chrysanthemum cinerariaefolium, ext. 8 g/l BAuA-No.: N-10865 (Biocide)



Tradename	Company	Application areas, Comments
PESTIBELLO	Snoek GmbH	Contact insecticide to protect stored and harvested goods from crawling insects, their eggs or larvae. For use in storage and supply rooms Pyrethrum (50%) 1,4 % BAuA-No.: N-84417 (biocide)
PISTAL	ARIES	<b>Storage room; for void space treatment:</b> Flying and crawling harmful insects Pyrethrum (50%) 1,4 % BAuA-No.: N-70334 (Biocide)
Pyredi® ME Emulsionskonzentrat	Reinelt & Temp	<b>Storage room; for void space treatment:</b> Flying and crawling harmful insects Natural pyrethrum (50%) 100 g/l BAuA-No.: N-27610 (Biocide) <i>For the solution: dilute 100 ml concentrate in 4,9 l of water</i>
SilicoSec®	Biofa	<b>Stored grain supplies:</b> Insects (storage pests), mites Diatomaceous earth 1.000 g/kg Approval number: 024375-00 <i>New: also for use in empty spaces</i>
Trichogramma evanescens - Schlupfwespen	Biofa	<b>Stock and harvested goods, warehouse, void space:</b> Storage harmful food moths  <i>On small cards</i>
Trichogramma evanescens Schlupfwespen	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Storage harmful food moths Trichogramma evanescens <i>For bagged and packaged stocked goods</i>
Trichogramma evanescens, Schlupfwespe	ARIES	<b>Stock and harvested goods, warehouse, void space:</b> Storage harmful food moths
TrichoKarte® VORRAT	AMW	<b>Stock and harvested goods, warehouse, void space:</b> Stock damaging food moths such as indian meal moths, grain moths, mediterranean flour moths, warehouse moth Trichogramma evanescens ssp.
XYLOCORIS, Raubwanze	AMW	<b>Protection of harvested crops and stocks:</b> Beneficial insects for the control of eggs, larvae and pupae of cereal pests, indian meal moths, mediterranean flour moths, the cigarette beetle, flour beetle and Khapra beetle Beneficial insect
<b>2-5-8 Additives</b>		
Tradename	Company	Application areas, Comments
Banacore®	DAYMSA	<b>Bananas:</b> Black sigatoka (Mycosphaerella fijiensis) Cinammon oil 30 % <i>Protection against black sigatoka in banana</i>
BANADAK	SAS	<b>Banana:</b> Black Sigatoka (Mycosphaerella Fijensis) Carbohydrates (82,5%) 1,65 %, Citric acid Monohydrate (91,6%) 0,55 % <i>Activator of natural defenses of the plant (of ecological origin) which makes the plant more resistant against Black Sigatoka on banana</i>
BREAK-THRU® SP 133	AlzChem	<b>Arable farming, vegetable and fruit growing:</b> In combination with pesticides and leaf fertilizers Blend of fatty acid esters Approval number: 8399-00 <i>Additive for better distribution and utilization of plant protection products and foliar fertilizers</i>

Tradename	Company	Application areas, Comments
Buffer Protect™	bio-ferm	Additive to Blossom Protect™ for stabilizing the effects Citric acid buffer Approval number: 7403-00 <i>Must only be used in combination with Blossom Protect™ against fire blight (Erwinia amylovora)</i>
Cocana®	Biofa	<b>Cultivation of wine, fruit, vegetables, arable crops and ornamental plants:</b> Improves the moistening of the spray mixture and thus the effectiveness of the plant protection products used. In particular for wettable sulphur in viticulture Potash soap based on coconut fatty acids Approval number: 7556-00
combi-protect	dedetec	<b>Fruit cultivation, viticulture:</b> Bait concentrate based on protein for combined use with insecticides against various species of fruit and vinegar fly Vegetable protein Approval number: 7570-00 <i>Additive for the production of decoy- insecticide blends against fruit- and vinegar flies</i>
CropCover CC-1000	amynova	<b>All crops:</b> Adhesive for all aqueous spray liquids Modified starch Approval number: 6761-64 <i>Modified aqueous starch solution</i>
CropCover CC-2000	amynova	<b>Arable farming, vegetable and fruit growing, special crops (hops, wine):</b> Adhesives for pesticides and leaf fertilizers <b>Lawn, golf lawn, sports lawn:</b> Adhesives for pesticides and fertilizers Modified starch 10 % Approval number: 6760-62
ErosionControl EC-1000	amynova	<b>Arable farming, vegetable and fruit growing. Lawns, golf lawns:</b> Biological adhesive for pre-emergence herbicides; reduces leaching of pesticides; increases water retention capacity Modified starch 10 % Approval number: 6761-61
ErosionControl EC-2000	amynova	<b>Arable farming, vegetable and fruit growing. Lawns, golf lawns:</b> Biological adhesive for pre-emergence herbicides; reduces leaching of pesticides; reduces wind erosion; increases water retention capacity Modified starch 10 % Approval number: 6760-60
Flavinin® Agro Wet 50	CNS	Wetting and adhesive agent for all cultures Polyphenols < 5 %, Surfactants < 10 %, Vegetable oils < 15 % Approval number: 8955-00
HASTEN™ Spray Adjuvant	Victorian Chemical Comp.	Adjuvant for various plant protection products Fatty acids C18 unsaturated ethyl & methyl esters 80 % Approval number: 5880-00
HELIOSOL®	ACTION PIN	For all cultures. Adjuvant acc. to § 42 Plant Protection Act, Germany Terpenic alcohols 77,9 % Approval number: 8243-00
HELIOTERPEN® FILM	ACTION PIN	In arable farming, viticulture (multiple use), cultivation of fruit and hop (single use). Adjuvant acc. to § 42 Plant Protection Act, Germany Terpenic oligomers 95,8 % Approval number: 8241-00
Nu-Film P (100) EC	ProSAdom	Adjuvant for pesticide use for vegetable crops, fruits, bananas Pinene (polyterpenes) Polymers, petrolatum, alkyl amine ethoxylate 100 % Approval number: 5675 (Ministry of Agriculture, Dominican Republic)

Tradename	Company	Application areas, Comments
Nu-Film®-P	Intrachem	<b>Potatoes, viticulture, vegetable farming, fruit growing, ornamental plant cultivation, crop cultivation:</b> Adhesive agent for improving the efficiency of copper preparations, as well as Bacillus thuringiensis, pyrethrum and fungi preparations UV- and heat resistant Polymerized pine oil Approval number: 5697-00
ProFital® fluid	Biofa	<b>Crop cultivation, vegetable cultivation, fruit cultivation, viticulture:</b> Improvement of phyto-sanitary measures, stress reduction Surface-active lactoprotein preparation Approval number: 5100-60
ProNet-Alfa®	Belchim	<b>Fruit growing, viticulture, vegetable growing, hops, arable farming:</b> Biological wetting and adhesive agent for improving the effectiveness of the spray mixture  Approval number: 5100-00 <i>Biological wetting and adhesive agent based on milk protein for improving the effectiveness of crop protection applications</i>
Retenol	DAYMSA	For all cultures. Improves the effectiveness of treatments Pine oil <i>Retenol enhances the quality and effectiveness of foliar applications</i>
Rhaponil SL®	Novaprot	<b>Cultivation of arable crops, vegetables and fruit and viticulture:</b> Organic spray additive (adhesive- and wetting agent)  Approval number: 8936-00 <i>Organic spray additive for improving the efficacy of plant protection applications</i>
Sprayfix®	DAYMSA	Pine oil <i>Improves the effectiveness of treatments</i>
Squall	GreenA	<b>All cultures:</b> Improvement of adhesion, wetting and rain resistance on the plant with simultaneous drift reduction Polyethylene glycol, propan-2-ol, water Approval number: 7022-00
Trifolio S-forte	Trifolio-M	<b>All crops:</b> For mixing with plant protection agents or plant strengthening agents: e.g. with preparations of azadirachtin, copper, sulfur, Bt (Bacillus thuringiensis), quassia, nematodes and viruses, rock minerals, plant extracts Emulsifier 50 %, plant-based oils 50 % Approval number: 5582-00 <i>Emulsifier based on renewable raw materials</i>
WETCIT	Oro Agri	<b>All cultures:</b> Improves the moistening and adhesion of the spray mixture on the plant Fatty alcohol ethoxylate 8,1 % Approval number: 6217-00
<b>2-5-10 Basic substances</b>		
Tradename	Company	Application areas, Comments
fiMUM®Fruchtkalk®	Schneider	Fruit bearing: carbon dioxide binding Calcium Hydroxide <i>Meets the requirements of an EC basic substance; suitable for the production of lime milk / Bordeaux mixture and as hygienic lime</i>
greenline 88	organics Gbr	<b>Tomato:</b> Tomato powdery mildew Sunflower oil

Tradename	Company	Application areas, Comments
Lykos	NUTRICROP	<b>Vegetable crops, fruits and grapevines:</b> Plant defense biostimulant Equisetum arvense L. 2 % <i>Basic substance. Plant elicitor against fungal diseases.</i> <i>Product commercialised in Spain</i>
MILES	Servalesa	<b>Fruit:</b> Venturia inaequalis, Powdery mildew, Podosphaera leucotriche, Taphina deformans <b>Vine:</b> Downy mildews, powdery mildews, Erysiphe necator <b>Cucumber:</b> Powdery mildews, root fungi <b>Tomatoes:</b> Alternaria solani, Septoria lycopersici Equisetum Arvense L. 2 % Product available in Spain
PLYSETUM	PLYMAG	Equisetum Arvense 2 %
PROCROP EQUISETUM	Solbiosur	<b>Fruit trees, apple trees, peach trees:</b> Venturia, Podosphaera, Taphrina <b>Berries:</b> Botrytis cinerea, Podosphaera aphanis, Phytophthora <b>Cucumbers:</b> Podosphaera, Pythium <b>Tomatoes:</b> Alternaria, Septoria <b>Potatoes:</b> Phytophthora, Alternaria, Erysiphe Equisetum arvense L. extract 2,0 %

#### 2-5-10-2 Lecithine

Tradename	Company	Application areas, Comments
Milagram Plus	Grupo Agrotecnologia	<b>Fruit trees, grapevine, vegetables:</b> Mildew, Downy mildew Soybean extract

#### 2-5-10-4 Horsetail extract

Tradename	Company	Application areas, Comments
Evasiol	Grupo Agrotecnologia	<b>Fruit trees, grapevine, vegetables:</b> Mildew Equisetum arvense extract 100 % Product available in Spain
X-ETUM	BIAGRO	<b>All cultures:</b> Fungus (Botrytis, mildius etc.) 200-400 cc/HL Extract from common horsetail 2 % Basic substance according to regulation (EC) No. 462/2014 <i>Formulated based on Equisetum arvense L (horsetail) obtained by aqueous treatment of aerial parts of the plant</i>

#### 2-5-10-13 Sunflower oil

Tradename	Company	Application areas, Comments
greenline 88	organics Gbr	<b>Tomato:</b> Tomato powdery mildew Sunflower oil

#### 2-5-10-16 Nettle extract

Tradename	Company	Application areas, Comments
Neykor	NUTRICROP	<b>Subtropical fruits and ornamentals:</b> Biostimulant against plant stress <b>Vegetable crops, fruits, grapevine:</b> General strenghtening of the plant Urtica spp 1 % <i>Basic substance. Product sold in Spain</i>

Tradename	Company	Application areas, Comments
Ortikel	PLYMAG	<p><b>Fruit Trees, Peach:</b> Myzusoersicae, Alternariasp, Alternatia alternata, Powdery Mildew</p> <p><b>Grape (vitis vinifera):</b> Eriosoma Lanigerum, Cryptomyzusribis, Callaphisjuglandis</p> <p><b>Cucumbers, Root Vegetables:</b> Myzuscerasi, Aphys, Brevicorynebrassicae, Nazonoviaribisnigri</p> <p><b>Tomato (lycopersicum esculentum):</b> Aphys sambuci, Macrosyphumrosae, Putellazylostella</p> <p><b>Potato Solanumtuberosum:</b> Cyduapomonella, Tetranychusurticae, Tetranychustekarius and more</p> <p>Nettle extracts 1,5 %</p>
Ortimag	PLYMAG	<p><b>Fruit Trees, Peach:</b> Myzusoersicae, Alternariasp, Alternatia alternata, Powdery Mildew</p> <p><b>Grape (vitis vinifera):</b> Eriosoma Lanigerum, Cryptomyzusribis, Callaphisjuglandis</p> <p><b>Cucumbers, Root Vegetables:</b> Myzuscerasi, Aphys, Brevicorynebrassicae, Nazonoviaribisnigri</p> <p><b>Tomato (lycopersicum esculentum):</b> Aphys sambuci, Macrosyphumrosae, Putellazylostella</p> <p><b>Potato Solanumtuberosum:</b> Cyduapomonella, Tetranychusurticae, Tetranychustekarius and others</p> <p>Nettle extracts 1,5 %</p>

## 2-6 Beneficials

Tradename	Company	Application areas, Comments
Optibox	UFA-Samen Nützlinge fenaco	<p><b>Maize:</b> Combat of european corn borer in crop cultivation</p> <p>Trichogramma brassicae &gt; 200.000/ha / 2000/Optibox</p>
Optikugel	UFA-Samen Nützlinge fenaco	<p><b>Maize:</b> Combat of european corn borer in crop cultivation</p> <p>Trichogramma brassicae &gt; 200.000/ha / 1000/Optikugel</p>
TrichoKarte® / TrichoKugel® MAIS	AMW	<p><b>Maize, sweetcorn, pepper:</b> European corn borer</p> <p>Trichogramma brassicae</p> <p><i>For the biological control of the european corn borer</i></p>
TrichoKarte® Gewächshaus	AMW	<p><b>Vegetable cultivation (outdoor and under glass):</b> Cutworm, silver Y moth, bright-line brown-eye moth, cabbage moth, Duponchelia moth, Chrysodeixis moth, Helicoverpa moth, european corn borer</p> <p>Trichogramma brassicae, dendrolimi, cacoeciae</p>
TrichoKarte® VORRAT	AMW	<p><b>Stock and harvested goods, warehouse, void space:</b> Stock damaging food moths such as indian meal moths, grain moths, mediterranean flour moths, warehouse moth</p> <p>Trichogramma evanescens ssp.</p>
TRICHOSAFE Anhänger	BIOCARE	<p><b>Maize, pepper:</b> European corn borer, parasitisation of the eggs, application: once or twice. Appointment shall be determined by the official consultancy services</p> <p>Trichogramma brassicae 220 tsd/ha</p>
TRICHOSAFE Kugel	BIOCARE	<p><b>Maize, pepper:</b> European corn borer, parasitisation of the eggs, application: once or twice. Appointment shall be determined by the official consultancy services</p> <p>Trichogramma brassicae 220 tsd/ha</p>
XYLOCORIS, Raubwanze	AMW	<p><b>Protection of harvested crops and stocks:</b> Beneficial insects for the control of eggs, larvae and pupae of cereal pests, indian meal moths, mediterranean flour moths, the cigarette beetle, flour beetle and Khapra beetle</p> <p>Beneficial insect</p>

2-6-1 Nematodes		
Tradename	Company	Application areas, Comments
dianem®	e-nema	<b>Maize, pumpkin:</b> Corn root worm Heterorhabditis bacteriophora, entomopathogenic nematodes <i>Packages with 500 million nematodes for maize cultivation</i>
nemapom®	e-nema	<b>Fruit cultivation:</b> Codling moth, apple sawfly Steinernema feltiae, entomopathogenic nematodes <i>Packages with 10, 50 and 500 million nematodes</i>
nemastar®	e-nema	<b>Vegetable cultivation:</b> Cutworm, common crane fly larvae, mole crickets <b>Lawn:</b> Cutworm, mole crickets Steinernema carpocapsae, entomopathogenic nematodes <i>Packages with 10, 50, 250 and 500 million nematodes</i>
Nemasys® F	BASF SE	Western flower thrips and miner moths in greenhouses, cranefly (Tipula paludosa) in lawn Steinernema felatae 90 % <i>Useful nematodes for controlling harmful insects in greenhouses and lawns</i>
Nematode S	Dudutech	Phasmarhabditis hermaphrodita 1 % <i>Biological molluscicide containing infective juveniles of Phasmarhabditis hermaphrodita for the control of slugs and snails</i>
nematop®	e-nema	<b>Berries, tree nursery crops:</b> Otiorynchus larvae Heterorhabditis bacteriophora, entomopathogenic nematodes <i>Packages with 10, 50, 250 and 500 million nematodes</i>
nemycel®	e-nema	<b>Mushrooms:</b> Fungus gnats Steinernema feltiae 10 %
2-6-6 Parasitic wasps		
Tradename	Company	Application areas, Comments
BraconTop® Bracon hebetor (Habrobracon hebetor), Mehlmottenschlupfwespe, Brackwespen	AMW	<b>Stock and harvested goods, warehouse:</b> Moths that damage stocks (e.g. indian meal moths, mediterranean flour moths, but also wax moths in hives)  <i>Small unit (40 animals) for 25 to 100 m<sup>2</sup> Large unit (200 animals) for 100 to 200 m<sup>2</sup></i>
Cephalonomia tarsalis Schlupfwespen; Getreide-Plattkäfer-Ameisenwespchen	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Sawtoothed grain beetle (Oryzaephilus surinamensis) Cephalonomia tarsalis <i>One unit for 10 m<sup>2</sup> of empty space or one unit for 15 t poured grain</i>
CephiTop® Cephalonomia tarsalis (Cephalonomia tarsalis), Ameisenwespchen, Schlupfwespen	AMW	<b>Stock and harvested goods, warehouse, void space:</b> Sawtoothed grain beetle (Cephalonomia tarsalis), merchant grain beetle (Oryzaephilus mercator) Cephalonomia tarsalis <i>Unit (40 animals) for 25 to 100 m<sup>2</sup></i>
Habrobracon hebetor Schlupfwespen; Mehlmottenschlupfwespe	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Harmful food moths of stored products (corn borer) Habrobracon hebetor <i>One unit for 10-15 m<sup>2</sup> of empty space or grain surface</i>
Lariophagus distinguendus Schlupfwespen; Lagererzwespe	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Granary weevil, rice weevil, lesser grain borer, drugstore beetle, corn weevil, tobacco beetle, whitemarked spider beetle, bean weevil, shiny spider beetle, golden spider beetle Lariophagus distinguendus <i>One unit for 10 m<sup>2</sup> of empty space or one unit for 15 t poured grain</i>

Tradename	Company	Application areas, Comments
LarioTop® Lagererzwespe Lariophagus distinguendus	AMW	<b>Stock and harvested goods, warehouse, void space:</b> Different kinds of weevils (granary weevil, corn weevil, rice weevil), different kinds of bruchid beetles (bean weevil, pea weevil), drugstore beetle, shiny spider beetle, golden spider beetle)  <i>Unit (40 animals) for 25 to 100 m²</i>
<b>2-6-6-6 Trichogramma species</b>		
Tradename	Company	Application areas, Comments
Trichogramma brassicae	AMW	<b>Corn, sweet corn, pepper:</b> European corn borer Trichogramma brassicae <i>For biological control of the European corn borer</i>
Trichogramma cacoeciae	AMW	<b>Fruit cultivation:</b> Codling moth, grapevine moth, plum fruit moth, pandemis heparana, summer fruit tortrix (Adoxophyes orana) Trichogramma cacoeciae <i>For biological control of harmful moths</i>
Trichogramma dendrolimi	AMW	<b>Vegetable cultivation (outdoor and under glass):</b> Various caterpillars (larvae) of owl moth, leafroller moth Trichogramma dendrolimi <i>Biological control of harmful moths</i>
Trichogramma evanescens	AMW	<b>Vegetable cultivation (outdoor, under glass):</b> Various caterpillars (larvae) of owl moth, leafroller moth Trichogramma evanescens <i>Biological control of harmful moths</i>
Trichogramma evanescens euproctidis	AMW	<b>Stock and harvested goods, warehouse, void space:</b> Indian meal moth, mediterranean flour moth, warehouse moth, grain moth, Household: clothes moth, indian meal moth Trichogramma evanescens euproctidis <i>Biological control of stock-damaging moths</i>
Trichogramma evanescens Schlupfwespen	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Storage harmful food moths Trichogramma evanescens <i>For bagged and packaged stocked goods</i>
Tricholine Multiwave Kapseln	UFA-Samen Nützlinge fenaco	<b>Maize:</b> European corn borer Trichogramma brassicae Bezdenko 100 %

### 3 Plant strengtheners

#### 3-1 Plant strengtheners on inorganic basis

Tradename	Company	Composition	Applications, Comments
BioAktiv Professional Gemüse	BioAktiv	Magnesium sulphate	listing number: 00A206-00/00 <i>Increases resistance, more vital plants, general health maintenance, increased root formation, improved nutrient uptake</i>
BioAktiv Professional Obst	BioAktiv	Magnesium sulphate	listing number: 00A205-00/00 <i>More vital plants, increases resistance, promotes soil life, increased root formation, improved nutrient uptake</i>
BioAktiv Professional Pflanzen	BioAktiv	Magnesium sulphate	listing number: 025469-00/00 <i>More vital plants, general health maintenance, higher stress tolerance, improves root formation and nutrient supply. Promotes aerobic microorganisms in the soil, increases resistance to fungi</i>
BioAktiv Professional Vino	BioAktiv	Magnesium sulphate	listing number: 00A207-00/00 <i>More vital vines, promotes soil life, higher stress tolerance, improves resistance to fungal diseases, increases the Öchsle degrees</i>
CutiSan	Biofa	Stone meal	Fruit cultivation, pome fruit: Reduction of fruit russetting  listing number: 025659-00/00
FLORASOL®	Max F. Keller	Alkaline silica solution	Grapevines: General strengthening of the plant  listing number: 025277-00/00
GreenMineral	AS AN	Sea water, well water	Dilute mineral in water: Concentration 4 %. Absorption through the roots listing number: 008236-00/00
HS®-300 BIO	Humintech	Leonardite, water	For all crops: supply of humic substances, plant strengthening, biostimulant  listing number: 00A459-00/00 <i>Miscible with many liquid fertilizers, test with small quantities before application</i>
Myco-Sin®	Biofa	Aluminium sulphate	Arable farming, potatoes, cultivation of vegetables and fruits, pome- and stone fruit: Prevention of fire blight, storage diseases, Monilia, downy mildew and late blight  listing number: 024997-00/00
Myco-Sin® VIN	Biofa	Aluminium sulphate	Viticulture: Prevention of downy mildew (Peronospora), red fire disease and black spot disease  listing number: 005658-00/00



Tradename	Company	Composition	Applications, Comments
PottaSol	Biofa	Potassium silicate	Viticulture: For more resistant leaves and fruits of vine varieties sensitive to Oidium and Botrytis  listing number: 025240-00/00
proagro Baumweiß	Belchim	Quartz sand, paint	Pome- and stone fruit, tree nurseries: Protection from non parasitic impairments; trunk protection paint against frost cracks  listing number: 025723-00/00
ProGrow-Flora 2500	Progress Agrar	Trace elements	listing number: 00A125-00/00 <i>Suitable for all agricultural and horticultural crops</i>
RedMineral	AS AN	Sea water, well water	Dilute mineral in water: Concentration 6 %. Spray on leaves. Absorption through the leaves. Blossoms can be sprayed as well  listing number: 008238-00/00
Siproplant®	Witteler GmbH & Co. KG	Natural micromineral (ground), water	Arable farming, cultivation of vegetables, viticulture: Strengthening of cell walls and cell associations. Increases tolerance to stress; optimizes perspiration and evaporation rate  listing number: 00A167-00/00
YellowMineral	AS AN	Sea water, well water	Dilute mineral in water: Concentration 6 %. Spray on leaves. Absorption through the leaves. Blossoms can be sprayed as well  listing number: 008237-00/00

### 3-2 Plant strengtheners on organic basis

Tradename	Company	Composition	Applications, Comments
Ackerschachtelhalm Extrakt Compositum	Snoek GmbH	Common horsetail, tansy, wormwood, humus extract	Promotes cell hardening and the formations of the plants defense mechanisms  listing number: 025248-00/00
Alginure Amin	Tilco	Vinasse, humic acid	Vitalisation and strengthening of the plant  listing number: 007683-00/00 <i>Consists of natural and vegetable substances</i>
Aminosol®-PS	Lebosol	Preparation based on hydrolysed plant protein	All cultures: Decreases stress, enhances the wetting and adhesive effect and the leaf quality  listing number: 025465-00/00
BAGIRA®	Intrachem	Humic, fulvic and ulvic acids	All crops: General strengthening of plants  listing number: 00A381-00/00 <i>For the general strengthening of plants and the promotion of sugar and starch production</i>
begreen-F	Begreen	Extracts from various organically grown plants	General strengthening of plants  listing number: 007929-00/00

Tradename	Company	Composition	Applications, Comments
BioGro®	NCH Agrobiz	Natural microorganisms to strengthen the plant	All cultures: General strengthening of plants  listing number: 00A332-00/00 <i>Suitable for organic farming (Reg. Nr. 834/2007 &amp; 889/2008) Ecocert SA France</i>
BlackHum	Phytosolution	20 % humic and fulvic acids	Promotes root formation, nutrient absorption, defence, resistance and elevation of yield  listing number: 007928-00/00
Brennessel Extrakt Compositum	Snoek GmbH	Nettle herb, cress herb / ethanol	Cultivation of fruits, vegetables, ornamental plants and viticulture: Strengthens the plant comprehensively  listing number: 025249-00/00
ComCat	AgraForUm	Plant extract, lactose	Cultivation of vegetable, fruits, sports and landscape lawns: Strengthening the plants. For the promotion of the plant's own resistance  listing number: 008106-00/00
Equisetum Plus	Biofa	Extract from field horstail (Equisetum arvense)	Vegetable cultivation, pome fruits, viticulture: Prevention of powdery mildew, Oidium, fruit rot and storage diseases as well as general strengthening of the plant  listing number: 024809-00/00
FLUISAN®	Sanovita	Water, plant extract, hop tanning agent extract	All crops: General strengthening of the plant  listing number: 007882-00/00 <i>Plant strengthening agent for all crops</i>
ILSAC-ON	ILSA S.p.A.	Enzymatic hydrolysate of vegetable tissue of the family of Fabaceae	Olive tree, grapevine, berries, salad, vegetables (eggplant, melon, pepper, tomato), stone and pome fruits, kiwi, turfs, ornamental and floral crops, nurseries: Elevation of yield and quality  listing number: 026804-00/00
Lebermooser	Moser Niem-Handel	Alcoholic aqueous plant extract from liverwort	General strengthening of plants such as tomatoes, peppers, potatoes, cucumbers, cabbage, wine, apple, pear, peach, cherry, roses, cherry laurel, rhododendron, box trees  listing number: 025102-00/00
LIQHUMUS® 18	Humintech	Potassium hydroxide, leonardite	All agricultural and horticultural plants: Increasing resistance to biotic and abiotic harmful factors; improving nutrient absorption and utilization  listing number: 025125-00/00
mOlnasa®	Hannß	Whey powder for spraying, naturally sour	Plant strengthening for all cultures  listing number: 025267-00/00
Mycosin® VIN	Biofa	Aluminium sulphate	Viticulture: Prevention of downy mildew (Peronospora), red fire disease and black spot disease  listing number: 005658-00/00

Tradename	Company	Composition	Applications, Comments
POWHUMUS® WSG-85	Humintech	Potassium hydroxide, leonardite	All agricultural and horticultural plants: Increasing resistance to biotic and abiotic harmful factors; improving nutrient absorption and utilization  listing number: 025126-00/00
SOJALL VITANA®	SOJALL	Organic acids and their salts, preservatives, silicon	Fruit, vegetables, viticulture, arable farming: Strengthening of resistance to biotic and abiotic damaging factors  listing number: 008020-00/00
Tillecur®	Biofa	Plant extract preparation	Arable farming: wheat, spelt: Seed treatment for the prevention of Tilletia caries on winter wheat and spelt  listing number: 025031-00/00
Triaminol	Biolchim	Enzymatic hydrolysate of vegetable tissue of the family of Fabaceae	Eggplant, strawberry, salad, tomato: Elevation of yield and quality  listing number: 026804-00/00 (Ilsac-on)
VitoVin-Pflanzenstärkung	RLP	Grape seed extract	General strengthening of plants for better resistance against fungal pathogens  listing number: 008266-00/00

### 3-4 Homeopathic plant strengtheners

Tradename	Company	Composition	Applications, Comments
Biplantol H forte NT	Bioplant	Homoeopathic preparation	Hops: For general health preservation, regeneration and strengthening of hops against fungal diseases  listing number: 024742-00/00
Biplantol mykos v forte	Bioplant	Homoeopathic preparation	All crops, e.g. fruits, vegetables (potatoes, tomatoes, herbs etc.), arable plants, herbaceous plants, woods from tree nurseries and ornamental plants: For general health preservation and strengthening of trees and plants against fungal diseases  listing number: 025382-00/00
Biplantol® agrar	Bioplant	Homoeopathic preparation	All crops, e.g. fruits, vegetables, herbs, ornamental plants, herbaceous plants, trees, arable plants and for horticulture and landscaping: For general health preservation, regeneration and strengthening as well as for the reduction of stress on plant cultures and trees  listing number: 024733-00/00
Biplantol® X2 forte	Bioplant	Homoeopathic preparation	All crops, e.g. ornamental plants, trees, bushes, vegetables, herbs, fruit- and berry groves and for horticulture and landscaping: For general health preservation and strengthening against harmful insects  listing number: 025026-00/00

Tradename	Company	Composition	Applications, Comments
DIE LÖSUNG bei Pilz (vorm. Licht-Kraft)	AGROTO	Equisetum arvense D5, dioscorea batatas D5, rainwater	listing number: 008062-00/00 <i>Increases resistance to plant diseases</i>
DIE LÖSUNG für Rasen (vorm. FREILAND Pflanzen-Stärkung)	AGROTO	Oak bark, camomile, nettle, valerian	listing number: 008063-00/00 <i>For lawns: Regulates the basic acid balance. Moss is regulated in a natural way</i>
DIE LÖSUNG im Frühling (vorm. 4-Jahreszeiten Frühling)	AGROTO	Humus fermentation D6, rainwater	listing number: 008064-00/00 <i>All crops: promotes the symbiosis of micro-organic processes between soil and root</i>
DIE LÖSUNG im Herbst (vorm. 4-Jahreszeiten Herbst)	AGROTO	Cow dung D6, CaCo3, rainwater	listing number: 008066-00/00 <i>Activates the soil organisms for an optimal rotting process for humus formation</i>
DIE LÖSUNG im Sommer (vorm. 4-Jahreszeiten Sommer)	AGROTO	Quartz D7, rainwater	listing number: 008065-00/00 <i>All cultures: Increases the light output. For lush flowers and aromatic herbs and fruits</i>
DIE LÖSUNG im Winter (vorm. 4-Jahreszeiten Winter)	AGROTO	Verdelit D7, rainwater	listing number: 008067-00/00 <i>All cultures: promotes the crystallization process and the cation exchange capacity in permanent humus</i>
Greengold	Christoph Fischer	Inorganic salts highly diluted potentised D25-D0	All cultures: Health maintenance of the plants, ground: Development of nutrients, improvement of the structure, manure and compost: Better fermentation  listing number: 024955-00/00 <i>A fine-material functional agent, which is listed as a plant strengthening agent according to §45 of the german plant protection act</i>
Grünkraft Pflanzenstärkungsmittel für Obst und Gemüse	Grünkraft	Rose quartz, quartz, Clematis vitalba, Chamomilla, Tilia Cordata blossoms	All cultures: Plant strengthening, increases resistance against diseases and pests; taste improvement  listing number: 24906-00/00 <i>Fruits and vegetables show high resistance against diseases and pest infestation; taste improvement</i>
IN-WA-QUARZ	Inwa	Preparation based on quartz, NaCl (salt) and informed water	Potatoes, sugar beets, corn, vegetables, fruit, roses, garden, vine, rape: Increases resilience against nematodes, viral- and fungal diseases  listing number: 026241-00/00

## 4 Products for cleaning, disinfection and hygiene

### 4-1 Cleaning and disinfection products for milking equipment

Tradename	Company	Applications	Composition, Comments
ALDOVET CLEAN	Lysoform Vetfarm		Nonionic surfactant 3,5 %, Sodium hydroxide 25 %
Hydrosan Stabil	WIGOL	For the disinfection of milking machines and milking equipment, for the disinfection of stables and watering systems	Acetic acid, Hydrogen peroxide, Peroxyacetic acid 15 % IHO-listing BAuA-No.: N-14834 <i>Container size: 25 kg</i>
INO GRIF	Kersia	Decontamination of milking equipment. Liquid concentrate, intended exclusively for professional use	Hydrogen peroxide 14,5 %, Peroxyacetic acid 5 %  BAuA-No.: N-36652
KENOCID 2100 5%	CID LINES	For the cleaning and disinfection of pipeline milking systems, bucket milking systems, milk harness, milk cooling troughs, milk containers and immersion coolers in farming	Hydrogen peroxide ca. 20 %, Peracetic acid ca. 5 %  BAuA-No.: N-34490, N-44974, N-44975
Maxi - Clar Öko A	Waldmann	Cleaning agent for milking machines, alkaline, liquid	Potassium hydroxide 2-5 %, Sodium hydroxide 30-40 %
Maxi - Clar Öko S	Waldmann	Combined cleaning and disinfection agent for milking equipment. Application concentration: 0,5 %	Peracetic acid 3,2 % BAuA-No.: N-52130
Ökoron® 10	FINK TEC	Disinfectant on chassis of hydrogen peroxide for intermediate milking cluster disinfection	Hydrogen peroxide 35 %  BAuA-No.: N-19449
ORGANIC PURE	Anzenberger	Suitable for stables, floors, tractors, equipment, machines, facility cleaning (surfaces, kitchens, etc.), high-pressure steam cleaning	Organic polymer < 5 %  <i>Biological high-performance cleaner, completely biodegradable</i>
P3-romit® DES	Ecolab	Liquid acidic disinfection agent based on peracetic acid for intermediate milking cluster disinfection and against cross-contamination	Peracetic acid 15 % BAuA-No.: N-19486

#### 4-1-1 Acidic products

Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection agent for animal stables, facilities and equipment in animal husbandry	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-56745 , N-43206, N-43207, N-43208 <i>Two-components-product, consisting of the component Wofasteril® SC super and the component alcapur® / alcapur® E</i>
Diemolan sauer	Diemer	Acidic cleaning agent for milking plants	Acetic acid 20 %, Citric acid 5 %

Tradename	Company	Applications	Composition, Comments
Oxy Brosse	BouMatic	Sanitation of milking equipment. Use by professional operators only	Acetic acid 5-10 %, Hydrogen peroxide 23 %, Peracetic acid 4,9 %  BAuA-No.: N-41029
Peroxid Aktiv	Diemer	Removal of milkstone	Acetic acid 10 %, Hydrogen peroxide 3 %, Peracetic acid 1 %  BAuA-No.: N-77674
Pho Cid R	CID LINES	Liquid acidic detergent for daily alternating cleansing in milking robots, milking- und milk cooling systems	Citric acid, Phosphoric acid
Wofasteril® classic	KESLA PHARMA	Hygiene agent for animal stables, facilities and equipment in animal husbandry	Hydrogen peroxide 8-35 %, Peroxyacetic acid 24-40 % certified by DLG <i>Application as single product or in the Wofasteril® combined procedure with alcapur® / alcapur® E</i>
Wofasteril® MZ	KESLA PHARMA	Cleaning agent for rinsing milking equipment	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % REACH: 17-2120084337-51-0000 certified by DLG
Wofasteril® Premium	KESLA PHARMA	For surface disinfection of animal stables, facilities and equipment in animal husbandry	Acetic acid 11-17 %, Hydrogen peroxide 21-25 %, Peroxyacetic acid 14-17 % IHO-listing BAuA-No.: N-68660 <i>Application as a solo product or in combination with alcapur® E Premium</i>

#### 4-1-1-1 Acidic disinfectants for milking equipment

Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection agent for animal stables, facilities and equipment in animal husbandry	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-56745 , N-43206, N-43207, N-43208 <i>Two-components-product, consisting of the component Wofasteril® SC super and the component alcapur® / alcapur® E</i>
ANTI-GERM® REMINOX	Kersia	Acid cleaning and disinfecting agent for tubular milking systems, milking machines, yard and standing containers	Peracetic acid 1,8 % certified by DLG, IHO-listing BAuA-No.: N-73402
BTS 5030	Bio-Tec	Milking plants: Acid tenside-containing liquid concentrate with disinfectant effect	Lactic acid 6 %  BAuA-No.: N-83518
CircoFlush PE15-N	GEA Farm Technologies	Disinfection agent on the basis of peracetic acid for the use in Backflush-systems	Acetic acid 15-18 %, Hydrogen peroxide in solution 10-25 %, Peracetic acid 14-17 %  BAuA-No.: N-13962, N-72098

Tradename	Company	Applications	Composition, Comments
CircoFlush PE5	GEA Farm Technologies	Disinfection agent on the basis of peracetic acid for intermediate cluster disinfection and the disinfection of milking systems	Acetic acid 6-10 %, Hydrogen peroxide in solution 20-30 %, Peracetic acid 5 % BAuA-No.: N-13966, N-72099
CircoGreen SFM	GEA Farm Technologies	Disinfection agent	Acetic acid 6-10 %, Hydrogen peroxide 20-25 %, Peracetic acid 5 % BAuA-No.: N-73207
CircoPure N SFM	GEA Farm Technologies	Low temperature cleaning for all water hardness. Disinfection agent based on hydrogen peroxide for tank- and CIP-cleaning	Hydrogen peroxide 5,25 % BAuA-No.: N-66051
Des P15%	Bio-Tec	Disinfectants and cleaning agents for facilities and equipment in animal husbandry. Also suitable for the food industry	Peracetic acid 15 % BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>
MS TMC Flush	Schippers	For surface disinfection in buildings and installations for livestock production. For milking machine, milking robot, brushes	Hydrogen peroxide 23 %, Peracetic acid 4,9 % BAuA-No.: N-68461
neoseptal® PE 15	Dr. Weigert	Disinfection of milking- and milk cooling systems. For intermediate milking cluster disinfection, bactericidal, fungicidal, sporicidal. Application: 0,3-1 % at 20-40°C	Hydrogen peroxide 10-25 %, Peracetic acid 15 % BAuA-No.: N-62620, N-68483
Ökoron® 18	FINK TEC	Milking plants and milking equipment	Nitric acid 8 %, Peracetic acid 2,5 % BAuA-No.: N-73111, N-73934
PROXITANE® AHC	Solvay	Surface disinfection for facilities and equipment in animal husbandry; CIP-product for milking systems	Acetic acid 10 %, Hydrogen peroxide 21 %, Peracetic acid 5 % listed by DVG BAuA-No.: N-21285, N-25126, N-25127
SPULMICID PLUS	Kersia	For decalcifying milking plants, usage preferably in the morning	Nitric acid 26,1 % certified by DLG BAuA-No.: N-19821

#### 4-1-1-2 Acidic cleaning agents for milking equipment

Tradename	Company	Applications	Composition, Comments
ASIRAL Melkperfekt Bio-S	ASIRAL	For acidic cleaning of milking plants, milk tanks and milk cooling systems	Nitric acid 43 %
BioProNatur Reinigung	BioPro Natur	For cleaning milking plants. Creation of biofilm by acidic lactic acid cultures	Herbs 0,5 %, Lactic acid 0,4 %, Sodium chloride 0,1 %, Sugar cane molasses 4,4 %, Water 94,7 % <i>Has a high cleaning performance due to lactic acid cultures. The probiotic balance is maintained by biofilm</i>
BTS 5030	Bio-Tec	Milking plants: Acid tenside-containing liquid concentrate with disinfectant effect	Lactic acid 6 % BAuA-No.: N-83518

Tradename	Company	Applications	Composition, Comments
calgonit Bio Tankreiniger	Calvatis	Tank cleaner for milk cooling plants	2-(2-Butoxyethoxy)ethanol 3-4 %, Citric acid 1-5 %, Methanesulfonic acid 14-15 %
calgonit perfecto SF	Calvatis	Cleaner for milking and cooling systems	Citric acid 1-5 %, Methanesulfonic acid 14-15 %
CONTRACALK	Lysoform Vetfarm	Acidic intensive cleaner for milking equipment	Phosphoric acid 21 % <i>Acid cleaning concentrate for removing the most difficult inorganic soiling as well as cement residue</i>
DEPTACID AMS FOAM	Kersia	Lime dissolving acidic foaming cleaner. Free of phosphate for the application with a foam cannon and for spraying on surfaces	Methane sulfonic acid 14 %, Sulphuric acid 4,8 %
Des P15%	Bio-Tec	Disinfectants and cleaning agents for facilities and equipment in animal husbandry. Also suitable for the food industry	Peracetic acid 15 %  BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>
niroklar® FS 28	Dr. Weigert	Cleaning of milking and milk cooling systems	Citric acid 25-50 %, Malic acid < 3 %, Water to 100 %
Pho Cid L Pro	CID LINES	Acid cleaner for milking systems	Methanesulfonic acid 10,5 %
Purin ST	DeLaval GmbH	Acidic cleaning agent for milking equipment and cooling tanks	Nitric acid 40-50 %
Sonett Kalklöser	SONETT	For decalcifying fittings and equipment	Citric acid 19,5 %, Vegetable alcohol 7 %
Wofasteril® MZ	KESLA PHARMA	Cleaning agent for rinsing milking equipment	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % REACH: 17-2120084337-51-0000 certified by DLG

#### 4-1-2 Alkaline products

Tradename	Company	Applications	Composition, Comments
alcapur® E	KESLA PHARMA	Buffer additive for odorless and gentle application with Wofasteril®	Sodium hydroxide 5-25 % <i>Buffer additive without wetting agent for the Wofasteril® combined procedure and 1+1 Wofasteril® SC super (if foam is not wanted)</i>
alcapur® E Premium	KESLA PHARMA	Buffer additive for odourless and material-saving Wofasteril® Premium application (Wofasteril® Premium-combination-procedure)	Sodium hydroxide 5-25 % <i>Wetting agent free buffer additive for Wofasteril® Premium Combi process</i>
ALKA REI	WIGOL	For cleansing milking machines, milking equipment, pipes and milk tanks. Application: 1-5 %, room temperature to 90°C, 20-40 minutes	Sodium hydroxide > 30 %
BTS 7020	Bio-Tec	Milking plants, collecting tanks	Potassium hydroxide 1 %, Sodium hydroxide 10,5 % <i>Alkaline liquid concentrate for cleaning milking machines and collection containers</i>



Tradename	Company	Applications	Composition, Comments
DeLaval Chlorine free detergent 25	DeLaval GmbH	For alkaline cleaning of milking equipment and cooling tanks	Sodium hydroxide 20-25 %
Diemolan alkalisch	Diemer	Alkaline detergent for milking plants	Potash lye 28,5 %
DM CLEAN ECO	CID LINES	Alkaline detergent for milking- and milk cooling plants, including milking robots (automatic milking systems)	Sodium hydroxide 15-30 %
FT 61 CIP	FINK TEC	Cleaner for milking machines, alkaline, liquid	Potassium hydroxide 2-5 %, Sodium hydroxide 30-40 %
Ökoron® A	FINK TEC	Milking machine cleaner, liquid - alkaline, P-, QAV- and chlorine-free for use in automatic rinsing machines of milking parlours, pipe milking systems and farm tanks	Potassium hydroxide 2-5 %, Sodium hydroxide 2-5 %
San Alcalin SC	BouMatic	Cleaner for milking equipment and milk cooling tanks. Use by professional operators only	Sodium hydroxide 25-35 % certified by DLG

#### 4-1-2-2 Alkaline cleaning agents for milking equipment

Tradename	Company	Applications	Composition, Comments
AGACLEAN NS	Kersia	Alkaline cleaner for surfaces and milking equipment. Used manually or by means of sprayers or high-pressure equipment in stables, slaughterhouses, smokehouses or other industrial facilities	Potassium hydroxide 50 %
ASIRAL Melkperfekt Bio-A	ASIRAL	For alkaline cleaning of milking plants, milk tanks and milk cooling systems	Caustic soda 65 %
BTS 7020	Bio-Tec	Milking plants, collecting tanks	Potassium hydroxide 1 %, Sodium hydroxide 10,5 % <i>Alkaline liquid concentrate for cleaning milking machines and collection containers</i>
calgonit LPR	Calvatis	Alkaline detergent for milking equipment	Sodium hydroxide 3,93 %
Careox Eiweißlöser	Oekotec	Alkaline cleaner for installations and equipment. Surface cleaning in cheese factories, slaughterhouses, cutting plants and milk plants	Organic plant soap < 5 %, Sodium hydroxide < 1 % <i>Dermatest "very good"</i>
Careox Eiweißlöser -K-	Oekotec	Alkaline cleaner for installations and equipment. Surface cleaning in cheese factories, slaughterhouses, cutting plants and milk plants	Fully decalcified water > 93 %, Organic plant soap < 5 %, Sodium hydroxide < 2 %
Careox Eiweißlöser-K+	Oekotec	Alkaline cleaner for milking equipment	
CircoPure AFM	GEA Farm Technologies	Chlorine- and QAC-free detergent for CIP-cleaning and milk tanks	Sodium hydroxide < 30 %
eimü® Alkalit OC	Eimermacher	Liquid detergent for daily cleaning of milking machines and milk cooling tanks	Sodium hydroxide 33 %

Tradename	Company	Applications	Composition, Comments
FT 72 CIP	FINK TEC	Milking machine cleaner, alkaline, liquid	Sodium hydroxide 20-30 %
Melklauge	Uni Sapon	Alkaline cleaner for milking plants	Methylglycinediacetic acid 4 %, Potassium hydroxide 10 %, Sodium silicate 15 % <i>Ecological acidic foam-free cleaning agent for the dairy industry</i>
neomoscan® FA 28	Dr. Weigert	For cleaning milking machines and milk tanks	Potassium hydroxide 10-20 %, Sodium hydroxide 1-10 % certified by DLG
ORGANIC PURE	Anzenberger	Suitable for stables, floors, tractors, equipment, machines, facility cleaning (surfaces, kitchens, etc.), high-pressure steam cleaning	Organic polymer < 5 %  <i>Biological high-performance cleaner, completely biodegradable</i>

#### 4-1-3 Other products

##### 4-1-3-1 Other disinfectants for milking equipment

Tradename	Company	Applications	Composition, Comments
Sonett Flächendesinfektion	SONETT	For the disinfection of equipment and work surfaces	Oil from lavender and sage < 1 %, Vegetable alcohol 70 % listed by DVG BAuA-No.: N-20352, N-20357

#### 4-2 Cleaning and disinfection products for buildings and installations for livestock production

Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection agent for animal stables, facilities and equipment in animal husbandry	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-56745 , N-43206, N-43207, N-43208 <i>Two-components-product, consisting of the component Wofasteril® SC super and the component alcapur® / alcapur® E</i>
AGACLEAN NS	Kersia	Alkaline cleaner for surfaces and milking equipment. Used manually or by means of sprayers or high-pressure equipment in stables, slaughterhouses, smokehouses or other industrial facilities	Potassium hydroxide 50 %
alcapur® E	KESLA PHARMA	Buffer additive for oderless and gentle application with Wofasteril®	Sodium hydroxide 5-25 % <i>Buffer additive without wetting agent for the Wofasteril® combined procedure and 1+1 Wofasteril® SC super (if foam is not wanted)</i>
alcapur® E Premium	KESLA PHARMA	Buffer additive for odourless and material-saving Wofasteril® Premium application (Wofasteril® Premium-combination-procedure)	Sodium hydroxide 5-25 % <i>Wetting agent free buffer additive for Wofasteril® Premium Combi process</i>

Tradename	Company	Applications	Composition, Comments
ALDEKOL DES® AKTIV	THESEO	Acidic disinfection agent for surfaces with a great range of activity and strong penetration	Peracetic acid 15,39 % IHO-listing BAuA-No.: N-12944
ANTI-KEIM 50	NEOVIA	Disinfection of the stables	Hydrogen peroxide 25-50 % certified by DLG, listed by DVG BAuA-No.: N-61274
Bonimal H Hydrocare	BayWa	Cleaning and disinfecting agents for drinking systems	Hydrogen peroxide 49,4 %  BAuA-No.: N-75535 <b>No application in the drinking water of the animals</b>
BTSR Bio Tier- und Stallreiniger	Hanse	Cleaning of stable- and lying area surfaces, cleaning of hoofs, coat care	Lactic acid 2 %, Organic herb extracts, Probiotic lactic bacteria
calgonit sterilid AS	Calvatis	Surface disinfectant. Disinfection agent for buildings and installations for livestock production	Formic acid 65 % IHO-listing BAuA-No.: N-75057
calgonit sterilid forte 15	Calvatis	Disinfection of the stables	Acetic acid 10-25 %, Hydrogen peroxide 10-25 %, Peracetic acid 10-25 % listed by DVG, IHO-listing BAuA-No.: N-16510, N-16511, N-16513, N-16514, N-16515
CID CLEAN	CID LINES	Disinfectant and system cleaner for common watering systems in the animal production	Hydrogen peroxide app. 50 %  BAuA-No.: N-18070, N-60979 <b>No application in the drinking water of the animals</b>
DeLaval PeraDis	DeLaval GmbH	Intermediate milking cluster disinfection, disinfection of stables, disinfection of milking plants	Acetic acid 5-10 %, Hydrogen peroxide 25 %, Peracetic acid 2-5 % BAuA-No.: N-70754
Huwa-San VET 50	NEOVIA	Disinfection agent for stables, trough water systems, humidification systems, surfaces	Hydrogen peroxide 49 - 49,9 % certified by DLG BAuA-No.: N-57385
Hydrosan Stabil	WIGOL	For the disinfection of milking machines and milking equipment, for the disinfection of stables and watering systems	Acetic acid, Hydrogen peroxide, Peroxyacetic acid 15 % IHO-listing BAuA-No.: N-14834 <i>Container size: 25 kg</i>
IGAVET® DES-S	COS Ohlsen	Surface disinfection	Formic acid 65 % listed by DVG BAuA-No.: N-78331 <i>Surface disinfectant based on formic acid for the use in commercial animal husbandry</i>
Intra Hydrocare	Behn-Meyer	Cleaning and disinfecting agents for watering systems and plant production	Hydrogen peroxide 49,4 %  BAuA-No.: N-72635 <b>No application in the drinking water of the animals</b>
Lerasept® Aktiv	Stockmeier	Cleaning and disinfecting agent for stable surfaces	Peracetic acid 4,94 % IHO-listing BAuA-No.: N-70323

Tradename	Company	Applications	Composition, Comments
Lerasept® Forte	Stockmeier	Disinfection agent for surfaces. For the disinfection of trough water systems for animals. Intermediate milking cluster disinfection	Peracetic acid 15,39 % IHO-listing BAuA-No.: N-70313
Lerasept® Spezial	Stockmeier	Surface disinfection by spraying or immersion bath, disinfection of boots and tyres	Peracetic acid 4,84 % IHO-listing BAuA-No.: N-70316
Ökoron® 5 AHC	FINK TEC	Cleaning and disinfection of livestock housing, facilities and equipment in animal husbandry	Nonionic tenside, Peracetic acid 5 % listed by DVG BAuA-No.: N-73956 <i>Acidic, foamable surface disinfectant with a cleaning effect and an extensive biocidal spectrum of action</i>
Ökoron® SR	FINK TEC	Ecological, foamable detergent concentrate for all washable surfaces	Whey > 95 %
ORGANIC PURE	Anzenberger	Suitable for stables, floors, tractors, equipment, machines, facility cleaning (surfaces, kitchens, etc.), high-pressure steam cleaning	Organic polymer < 5 %  <i>Biological high-performance cleaner, completely biodegradable</i>
Wofasteril® classic	KESLA PHARMA	Hygiene agent for animal stables, facilities and equipment in animal husbandry	Hydrogen peroxide 8-35 %, Peroxyacetic acid 24-40 % certified by DLG <i>Application as single product or in the Wofasteril® combined procedure with alcapur® / alcapur® E</i>
Wofasteril® Premium	KESLA PHARMA	For surface disinfection of animal stables, facilities and equipment in animal husbandry	Acetic acid 11-17 %, Hydrogen peroxide 21-25 %, Peroxyacetic acid 14-17 % IHO-listing BAuA-No.: N-68660 <i>Application as a solo product or in combination with alcapur® E Premium</i>

#### 4-2-2 Products for cleaning and disinfection

Tradename	Company	Applications	Composition, Comments
Careox Eiweißlöser	Oekotec	Alkaline cleaner for installations and equipment. Surface cleaning in cheese factories, slaughterhouses, cutting plants and milk plants	Organic plant soap < 5 %, Sodium hydroxide < 1 % <i>Dermatest "very good"</i>
Careox Eiweißlöser -K-	Oekotec	Alkaline cleaner for installations and equipment. Surface cleaning in cheese factories, slaughterhouses, cutting plants and milk plants	Fully decalcified water > 93 %, Organic plant soap < 5 %, Sodium hydroxide < 2 %
D 50	CID LINES	Disinfection agent for surfaces	Hydrogen peroxide 22 %, Peroxyacetic acid 5,5 % listed by DVG BAuA-No.: N-14374, N-24791

Tradename	Company	Applications	Composition, Comments
DESINTEC® WH-R Aktiv Plus	AGRAVIS	Acidic high performance cleaner for surfaces in stables, watering systems and liquid feeding units. View application instructions. Only for professional use	Hydrogen peroxide 21 %, Peracetic acid 10 % listed by DVG BAuA-No.: N-66796, N-66797, N-66798 <b>No application in the drinking water of the animals</b>
Envikal Green	Envisal	Cleaning agent for stables	Lye, Needle soap
INTERCLEAN®TW	InterHygiene	Cleaning and disinfection of drinking water systems	Hydrogen peroxide 49,9 % BAuA-No.: N-15948, N-15946 <b>Keine Anwendung im Tränkwasser der Tiere</b>
MS Foam ECO	Schippers	Cleaning agent	Liquid coco soap 7,5 %
MS Megades Oxy	Schippers	Disinfectant for livestock facilities	Hydrogen peroxide 7,8 %, Peracetic acid 2,4 % BAuA-No.: N-68456 <i>Disinfection of stables and adjacent areas in farms</i>
Ökoron® 12	FINK TEC	Disinfection agent based on peracetic acid	Hydrogen peroxide 21-24 %, Peracetic acid 15 % BAuA-No.: N-19448, N-56975
Ökoron® 13	FINK TEC	Acidic disinfection agent based on peracetic acid	Nonionic surfactants, Peracetic acid 2,8 % BAuA-No.: N-12367, N-63710, N-63711
ORGANOSEPT NEU	H. Wilhelm Schaumann	Surface disinfection agent for stables and stable equipment	Formic acid 55 % listed by DVG BAuA-No.: N-53509

#### 4-2-2-1 Disinfectants for buildings and installations for livestock production

Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection agent for animal stables, facilities and equipment in animal husbandry	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-56745 , N-43206, N-43207, N-43208 <i>Two-components-product, consisting of the component Wofasteril® SC super and the component alcapur® / alcapur® E</i>
AGACID 5+	Kersia	Disinfection of animal stables, facilities and equipment in animal husbandry	Hydrogen peroxide 26,3 %, Peracetic acid 4,75 % listed by DVG BAuA-No.: N-65997
AGACID AKTIV	Kersia	Disinfection of animal stables, facilities and equipment in animal husbandry	Hydrogen peroxide 23 %, Peracetic acid 15 % listed by DVG BAuA-No.: N-73378
AGACID®	Kersia	Disinfectants for housing and barn equipment - Surface disinfection	Formic acid 65 % BAuA-No.: N-65992
ALDEKOL DES® 06	THESEO	Surface disinfection for stables and stable equipment	Formic acid listed by DVG BAuA-No.: N-81173

Tradename	Company	Applications	Composition, Comments
ALDOVET 5+	Lysoform Vetfarm	Disinfection agent developed especially for the use in agriculture. Combined bactericide, virucide and fungicide effect	Peracetic acid 5 % BAuA-No.: N-58552
ALDOVET AS	Lysoform Vetfarm	Surface disinfection agent developed especially for the use in commercial animal husbandry	Formic acid 65 % listed by DVG, IHO-listing BAuA-No.: N-57920
Antosal	Envisal	Disinfection of stable facilities	Formic acid BAuA-No.: N-71074
AQUASTERIL®	InterHygiene	Cleaning and disinfection agent for watering systems. Removal of coatings, effective against bacteria, fungi and algae	Hydrogen peroxide 26,5 %, Peracetic acid 5 %  BAuA-No.: N-55852, N-55851, N-55850
Des P15%	Bio-Tec	Disinfectants and cleaning agents for facilities and equipment in animal husbandry. Also suitable for the food industry	Peracetic acid 15 %  BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>
Disinfect nature	Schopf	Disinfection for surfaces and objects	Formic acid (75%) 46 %  BAuA-No.: N-46867, N-46868, N-46869
FaWo Eco	Farmworker	Surface disinfection of facilities and equipment in animal husbandry	Formic acid 65 % listed by DVG BAuA-No.: N-75679 <i>Surface disinfectant specially developed for use in conventional and organic livestock farming</i>
INTERSTERIL®	InterHygiene	Disinfection agent for stables against bacteria, tuberculosis bacteria, fungi, viruses and spores	Peracetic acid 15 % listed by DVG, IHO-listing BAuA-No.: N-15343, N-15346, N-17215
Kickstart	CID LINES	Disinfectants for greenhouses, surface disinfection (also in the food industry), piping systems, drinking water systems in greenhouses and in animal husbandry	Hydrogen peroxide 20 %, Peracetic Acid 5 %  BAuA-No.: N-73969, N-65878, N-65879, N-73970
Lerasept® FOG HE	Stockmeier	Surface disinfection by nebulisation, spraying and immersion. Disinfection of boots	Peracetic acid 15,39 % IHO-listing BAuA-No.: N-72508
Lerasept® Spezial SR 415	Stockmeier	Surface disinfection by foaming, disinfection of boots and tires	Peracetic acid 1,23 % IHO-listing BAuA-No.: N-70325
Lerasept® WAT 50	Stockmeier	Acidic disinfectant for animal drinking water pipes	Hydrogen peroxide 50 %  BAuA-No.: N-70039 <b>No application in the drinking water of the animals</b>
MS Megades Oxy	Schippers	Disinfectant for livestock facilities	Hydrogen peroxide 7,8 %, Peracetic acid 2,4 % BAuA-No.: N-68456 <i>Disinfection of stables and adjacent areas in farms</i>

Tradename	Company	Applications	Composition, Comments
MS Oxy Clean plus	Schippers		Hydrogen peroxide 23 %, Peracetic acid 4,9 %  BAuA-No.: N-68463
MS TMC Flush	Schippers	For surface disinfection in buildings and installations for livestock production. For milking machine, milking robot, brushes	Hydrogen peroxide 23 %, Peracetic acid 4,9 %  BAuA-No.: N-68461
OXIDAN EXTRA	NOVADAN	Surface and equipment disinfection within the food industry, agriculture, and transportation sector	Peracetic acid 5 % IHO-listing BAuA-No.: N-43813, N-71473, N-43886 <i>With bactericidal and fungicidal effect, active against viruses</i>
OXIDAN SPEZIAL 150	NOVADAN	Surface and equipment disinfection within the food industry, agriculture, and transportation sector	Peracetic acid 15 % IHO-listing BAuA-No.: 5895751, N-45145 (PR4), N-71484 (PT2) <i>With bactericidal and fungicidal effect, active against viruses</i>
Oxisal	Envisal	Cleaning and disinfection of stable facilities (drinking water pipelines)	Hydrogen peroxide BAuA-No.: N-63166
PROXITANE® AHC	Solvay	Surface disinfection for facilities and equipment in animal husbandry; CIP-product for milking systems	Acetic acid 10 %, Hydrogen peroxide 21 %, Peracetic acid 5 % listed by DVG BAuA-No.: N-21285, N-25126, N-25127
PURUS SYSTEM	Kersia	Disinfection of drinking water facilities	Hydrogen peroxide 49,9 % ECHA-No.: BC-DC029869-40  BAuA-No.: N-70324
Sonett Flächendesinfektion	SONETT	For the disinfection of equipment and work surfaces	Oil from lavender and sage < 1 %, Vegetable alcohol 70 % listed by DVG BAuA-No.: N-20352, N-20357
Sorgene® Xtra	BASF SE	Acid surface disinfectant concentrate based on peracetic acid for the disinfection of housing and stabling facilities	Peracetic acid 5 % listed by DVG BAuA-No.: N-58365
Sorgene® Xtra	COS Ohlsen	Surface disinfection of facilities and equipment in animal husbandry	Acetic acid >10 - < 15 %, Hydrogen peroxide >20 - < 25 %, Peracetic acid >5 - < 10 % certified by DLG, listed by DVG BAuA-No.: N-58365 <i>Acidic surface disinfection concentrate based on hydrogen peroxide and peracetic acid</i>
SYSTEMCLEAN	THESEO	Cleaning of watering systems / drinking lines: for removing organic contamination and residue in watering systems for poultry and pigs	Hydrogen peroxide, stabilized 595 g/l  BAuA-No.: N-13038, N-13040, N-13044, N-13047 <b>No application in the drinking water of the animals</b>
VENNO VET 1 super	Menno	Surface disinfection agent for stables and stable equipment	Formic acid 55 % certified by DLG, listed by DVG BAuA-No.: N-11678, N-32966

Tradename	Company	Applications	Composition, Comments
VENNO® VET 1	Menno	Disinfectant (liquid concentrate) for surface disinfection for veterinary hygiene / intensive animal husbandry (pigs, cattle, poultry)	Formic acid 50 % certified by DLG, listed by DVG BAuA-No.: N-11679, N-32967

#### 4-2-2-2 Cleaning agents for buildings and installations for livestock production

Tradename	Company	Applications	Composition, Comments
AGACLEAN	Kersia	Liquid alkaline special cleaning product for removing organic contaminations such as fat, protein, oil, smoke resin	Non-ionic surfactant 5 %, Potassium silicate solution < 2 %, Sodium hydroxide 30 %
alcapur® E	KESLA PHARMA	Buffer additive for odorless and gentle application with Wofasteril®	Sodium hydroxide 5-25 % <i>Buffer additive without wetting agent for the Wofasteril® combined procedure and 1+1 Wofasteril® SC super (if foam is not wanted)</i>
alcapur® E Premium	KESLA PHARMA	Buffer additive for odourless and material-saving Wofasteril® Premium application (Wofasteril® Premium-combination procedure)	Sodium hydroxide 5-25 % <i>Wetting agent free buffer additive for Wofasteril® Premium Combi process</i>
ALDOVET CLEAN (non-foaming)	Lysoform Vetfarm	Alkaline intensive cleaner	Potassium hydroxide 66,5 % <i>Alkaline cleaning concentrate for removing organic soiling such as fat, protein and oil</i>
AMPHOKAL nicht schäumend	THESEO	System cleaner for livestock watering systems and liquid feeding systems	Potassium hydroxide 50 %
BTS® 8000	Bio-Tec	Alkaline liquid concentrate for foam cleaning. Also suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %  <b>Not authorised for the production sector wine</b>
Careox Stallreiniger	Oekotec	Alkaline detergent for equipment. Surface cleaning in animal husbandry, cleaning of milking equipment	Fully decalcified water > 94 %, Organic plant soap < 5 %, Sodium hydroxide < 1 % <i>Dermatologically tested: Dermatest "very good"</i>
eMC® STALLREINIGER	Multikraft	For large and heavily soiled surfaces. It can prevent the resettlement of pathogenic germs in the stable in the long term	Lemon essence (Citric acid) < 5 %, Natural scents < 5 %, Non-ionic surfactant (Alcohol) < 5 % <i>Contains active microorganisms</i>
EMIKO® StallReiniger	EMIKO	All-purpose detergent for cleaning all surfaces in the stable	EM Effektive Mikroorganismen® (effective microorganisms), Ethanol, Vinegar
Envikal NS	Envisal	Cleaning and disinfection of stable facilities (drinking water pipelines)	Potassium hydroxide, Water
IGAVET® Schaumreiniger Xtra	COS Ohlsen	Surface cleaning agent for facilities and equipment in animal husbandry	Non-ionic tenside 5 %, Potassium silicate solution < 2 %, Sodium hydroxide 30 % <i>Liquid, alkaline special cleaner for the elimination of heavy contaminations on floors, stable surfaces and equipment</i>



Tradename	Company	Applications	Composition, Comments
INDU 5000	THESEO	Cleaning of drinking water systems / drinking lines	Peracetic acid 56 g/l BAuA-No.: N-70770, N-70771, N-70772
Lerapur® VET extra	Stockmeier	For disinfection of stable surfaces in animal husbandry	Natriumhydroxid
Lerapur® VET FTR	Stockmeier	Cleaning of liquid feeding and water supply systems, highly alkaline detergent concentrate, high fat and protein dissolving power, foam-free, removes organic deposits	Potassium hydroxide 10-25 %, Sequestrants, Sodium hydroxide 25-50 %
MS Foam ECO	Schippers	Cleaning agent	Liquid coco soap 7,5 %
ORGANIC PURE	Anzenberger	Suitable for stables, floors, tractors, equipment, machines, facility cleaning (surfaces, kitchens, etc.), high-pressure steam cleaning	Organic polymer < 5 % <i>Biological high-performance cleaner, completely biodegradable</i>
Sonett Kalklöser	SONETT	For decalcifying fittings and equipment	Citric acid 19,5 %, Vegetable alcohol 7 %
Sonett Schmierseife	SONETT	For alkaline cleaning, pure organic olive oil soap with essential cajuput oil, less than 0,5 %	Citric acid < 1 %, Essential organic cajuput oil 0,3 %, Potassium soap from organic olive oil 98 %
Stallreiniger	BSW	Universal cleaner (facilities and equipment in animal husbandry)	Organic plant soap < 5 %, Sodium hydroxide < 5 %, Water
Stallreiniger K	BSW	Universal cleaner concentrate (facilities and equipment in animal husbandry)	Organic plant soap < 5 %, Sodium hydroxide < 5 %, Water

#### 4-3 Products for the hygiene of stables

Tradename	Company	Applications	Composition, Comments
Bonimal H Agrocell Floordry	BayWa	Stable bedding	Calcium magnesium carbonate, Calcium sulphate
BreCalSan	Breckweg	Bedding powder for the hygienic treatment of running and lying areas in animal husbandry	Calcium carbonate 80 %, Calcium hydroxide 20 % BAuA-No.: N-36234
Deuto-Cal	Lukeneder	Dry foot bath. Germ pressure reduction by pH-increase, hardening of the claws by drying	Calcium magnesium carbonate 10 %, Calcium magnesium oxide 85 %, Natural minerals 5 % BAuA-No.: N-33398
Deuto-Mix	Lukeneder	Stable bedding for cubicles. Lime-straw-mattress. Germ pressure reduction by pH-increase, drying, slip resistance and resting comfort	Calcium magnesium carbonate 35 %, Calcium magnesium oxide 60 %, Natural minerals 5 % BAuA-No.: N-33399

Tradename	Company	Applications	Composition, Comments
PiP Animal Housing Stabilizer	MSH Moderne Stallhygiene	Stabilises the dominance of good bacteria, represses pathogenic germs by nebulising over the animals. 100 % ecological procedure	Probiotic bacillus ferment 100 %
<b>4-3-1 Bedding materials</b>			
Tradename	Company	Applications	Composition, Comments
ARBOCEL® Lignocellulose	Rettenmaier	Natural bedding for the animal hygiene area	Lignocellulose 100 % <i>Natural, low-dust bedding for farm animals</i>
Bio Waldboden	Kompomo	For all animal species	<i>Made in Germany</i>
calgosec Stalleinstreu	Calvatis	Stable bedding	Essential oils 0,4 %, Stone meal 99,6 %
DOLOMAG® beach	Rheinkalk Lhoist	Bedding lime for animal husbandry for the production of a comfortable lime straw mattress and/or for the spreading and drying of e.g. walkways, lying areas. Application as claw bath possible	Calcium magnesium carbonate 100 %
DOLOTON plus	Klose	Lime-straw-mattress for cubicles. Binds moisture, odorous substances, nutrients	Calcium carbonate 70 %, Magnesium carbonate 5 %, Potassium oxide 0,5 %, Silicon dioxide 23,4 %
IPUSagro H 800	IPUS	Bedding material to improve the climate and hygiene in the stable. High absorption of water, ammonia and odours. 50g/m <sup>2</sup> /day	Clinoptilolite-zeolite
KSM Kalk	DüKa	Is used in combination with straw and water as a base in dairy barns with deep-set boxes	Calcium magnesium carbonate 95-97 %
KSM Kalk alkalisch	DüKa	Is used in combination with straw and water as a base in dairy barns with deep-set boxes	Calcium magnesium carbonate, Calcium-magnesium oxide or calcium hydroxide  BAuA-No.: N-75890, N-75889, N-75888, N-75884, N-75886
LIGNOCEL® Combi-Plus	Rettenmaier	Natural bedding with low dust levels for agricultural farm animals	Untreated wood fiber materials with natural minerals
Limasan	Otterbein	For stables and cubicles: litter powder, lime straw mattress	Natural limestone 100 % <i>Microfine calcium carbonate from shell limestone as litter powder</i>
Mistral®	Olmix SA		Bentonite 4,8 %, Calcium carbonate 58,65 %, Sawdust 2,5 %, Seaweed 0,2 %, Sepiolite 33,5 %
MS DryCare	Schippers	Bedding material as drying powder	<i>Suitable for poultry-, bovine- and pig husbandry</i>
MS PoultryCare	Schippers	Bedding material as hygienic powder	<i>For poultry husbandry</i>
MS Uni-Cal	Schippers	Hygiene powder for bedding material: 100-300 g/m <sup>2</sup>	Calcium carbonate 100 %

Tradename	Company	Applications	Composition, Comments
Müllermix Agrar Super	Müllerkalk	Biocidal stable hygiene product for high boxes, cubicles, running and pasture areas, claw and dry bath	Dispersed white hydrated lime 10 %, Limestone 90 %  BAuA-No.: N-76109
Müllermix Farm 11	Müllerkalk	Stable hygiene product for high boxes, cubicles, walking and waiting areas, claw and dry bath, lime straw mattress	Limestone 100 %
NovoAnimalCare - Pflanzenkohle	NovoCarbo	Litter	<i>Litter to improve the stable climate and stable hygiene</i>
Ökosoft®	GFR mbH	Stable bedding (very high fineness and good moisture retention)	Calcium carbonate 95-99 %, Natural components 1-5 %
Rakonit ultra	Kohaupt	Stable bedding; can also be used as plumage bath	Bentonite 10 %, Calcium carbonate 90 %
VITACEL Cellulose	Rettenmaier	Natural bedding for the animal hygiene area	Cellulose 100 % <i>Natural, low-dust bedding for farm animals</i>
ZorbisanPlus	GEA Farm Technologies	Bedding product	Diatomaceous earth 100 %
<b>4-3-2 Hygiene products</b>			
Tradename	Company	Applications	Composition, Comments
Agrofloor extra	Hähnel & Möhlenkamp	Bedding product with a high degree of fineness to bind moisture and increase slip resistance. Can be applied permanently in the animal area	Calcium magnesium carbonate
alcapur® E	KESLA PHARMA	Buffer additive for oderless and gentle application with Wofasteril®	Sodium hydroxide 5-25 % <i>Buffer additive without wetting agent for the Wofasteril® combined procedure and 1+1 Wofasteril® SC super (if foam is not wanted)</i>
BedCide EU	BouMatic	Mineral complex with a drying effect. Use specified for professional users only	Calcium carbonate, Kaolinite, Mica, Quartz
BERGO CuraDes plus®	Bergophor	Stable bedding powder with germ reducing effect: especially skin-friendly	Calcium magnesium oxide 5-20 %, Calcium magnesium tetrahydroxide 5-20 % certified by DLG BAuA-No.: N-38286
BERGO® CuraDes primo	Bergophor	Hygiene in animal husbandry: for high boxes, running- and lying areas. Alkaline bedding agent with hygienising effect through pH-rising	Calciumdihydroxid 10,1 % DLG QS 6953  BAuA-No.: N-56921
BERGO® CuraMol G	Bergophor	Dry foot bath for poultry	Micro mineral
BIOCOL	BIOCO	For binding ammonia and dust; also suitable for udder cleaning	Potash soap, Vegetable oils and extracts
BIOCOSi	BIOCO	For binding ammonia and reducing germ density; also for dry foot bath	Bacteria growing medium, Natural silicates

Tradename	Company	Applications	Composition, Comments
biofiMUM S 87	Schneider	Hygienic lime for the animals' recreation area. Not authorised as fertiliser in organic farming	Calcium hydroxide 9 % <i>Inhibits the growth of bacteria, fungi and viruses and is therefore ideal for sustainable stable hygiene</i>
BoToSiL	Hufgard	Very fine litter powder for drying for cubicles, environment of the animals, dust bath	Calcium and Magnesium Carbonate 100 %
Careox Stallreiniger	Oekotec	Alkaline detergent for equipment. Surface cleaning in animal husbandry, cleaning of milking equipment	Fully decalcified water > 94 %, Organic plant soap < 5 %, Sodium hydroxide < 1 % <i>Dermatologically tested: Dermatest "very good"</i>
Cumbasil®	Witteler GmbH & Co. KG	For improving hygiene in stables and for the general promotion of animal health. Can also be used for mineral-straw-mattresses	Micro-Mineral 100 %
Cumbasil® Mite	Witteler GmbH & Co. KG	Drying bath for poultry, naturalness in animal husbandry, drying of the scratching area, animal activity, environment improvement	Micro-Mineral 100 %
Dedoldes®	Wünschendorfer	Bedding lime for natural hygiene in animal husbandry	Calcium magnesium oxide 10-80 % BAuA-No.: N-33271
DEKAMIX®, Hygienic lime in animal husbandry	DüKa	Use as hygienically effective bedding material in animal husbandry	Calcium-magnesium carbonate, Calcium-magnesium oxide or Calcium hydroxide BAuA-No.: N-75890, N-75889, N-75888, N-75884, N-75886
DESICAL® plus	Hufgard	Stable hygiene - Bedding powder for scattering in the lying- and walking area of the livestock	Calcium- and magnesium carbonate, Calcium- and magnesium hydroxide certified by DLG BAuA-No.: N-33003
DESINTEC® FloorCal pH12	AGRAVIS	Alkaline disinfectant bedding product for running and lying surfaces in cattle stables. Use as a claw drying bath for cattle and cows	Calcium carbonate 80 %, Calcium hydroxide 20 % BAuA-No.: N-36237
Diato-Hygiene-Streu	SF Soepenber	Bedding for all types of animals; binds moisture and ammonia; dehydration of germs and pests	Diatomaceous earth 100 %
Diatomin® Vital	Agrinova	Bedding as drying agent in animal stables, powdered. Binds odours, improves hygiene in stables, antislip agent	Natural diatomaceous earth (amorphous) 100 % <i>Diatomaceous earth (silicon dioxide) in powdered form as absorption agent for improving the hygiene in the stable</i>
DryCell®	Agromed	Bedding for pigs, cows, poultry and other animals	
DryMaxx	DeLaval GmbH	Bedding product: binds moisture and ammonia, neutralizes odours, application: 50g/m <sup>2</sup>	Diatomaceous earth
Eucanel®	SaluVet	Hygienisation and improvement of the stable air	Blend of essential oils

Tradename	Company	Applications	Composition, Comments
FEINSTREU	Hechenbichler	Bedding agent for all animal species, suitable for the production of a lime-straw mattress, also suitable for the piglet bath	Essential oils < 0,01 %, Limestone > 89,99 % <i>Highest grinding fineness (90 % less than 0.035 mm) ensures dry lying and less slippery running surfaces</i>
Fels CalciBox	Fels-Werke	Hygiene in animal husbandry: alkaline bedding material for lime-straw-mattresses (deep-set-boxes). Hygienic effect due to pH increase	Calcium hydroxide from natural limestone < 10 % BAuA-No.: N-75671
FELS CalciDes	Fels-Werke	Hygiene in animal husbandry: alkaline bedding material for raised boxes, running and lying areas. Hygienic effect due to pH increase	Calcium hydroxide < 20 % certified by DLG BAuA-No.: N-75670
FELS CalciFlu	Fels-Werke	Hygiene in animal husbandry for stables, yard areas and tracks. Hygienic effect through alkalinity (pH 12.5) and rising of the temperature in combination with water	Calcium oxide > 90 % BAuA-No.: N-75669
FINK - PediSept Bed	FINK TEC	Hygiene product for the stable: to improve the climate in the stable; binds ammonia, hydrogen sulphide, moisture; for a healthy climate in the stable	Calcium- and magnesium carbonate 27,8 %, Calcium- and magnesium oxide 41 %, Flavouring 1 %, Silicon dioxide 30 %
FINK - PediSept Dry	FINK TEC	Hygiene product for the stable: Claw care product for cattle, pigs, sheep; no harmful effects on the environment	Calcium carbonate 13,5 %, Calcium oxide 22 %, Magnesium carbonate 12 %, Magnesium oxide 16 %, Silicon dioxide 35 %
jbs einstreu GM	jbs gmbh	Stable bedding for all types of animals: Binds moisture and ammonia; inhibits the development of flies / ectoparasites	Diatomaceous earth 100 %
Klinofeed N-sorb	Heforma	Natural bedding granulate with high absorbency and ionic bonding to ammonium. Also available as a supplement for straw pellets for poultry litter	Clinoptilolite 99,9 %
Limasan	Otterbein	For stables and cubicles: litter powder, lime straw mattress	Natural limestone 100 % <i>Microfine calcium carbonate from shell limestone as litter powder</i>
Magnosan®	GFR mbH	Stable bedding product for use in a lime straw mattress	Calcium carbonate 72 %, Calcium magnesium carbonate 5,5 % <i>Is slightly alkaline. Grinding fineness is 90 % &lt; 0,09 mm</i>
Ökopur	GFR mbH	Bedding product for the stable: very high degree of fineness; improves slip resistance and the binding of moisture and optimizes the climate of the stable	Calcium carbonate 72 %, Magnesium carbonate 5,5 % certified by DLG
Parapedes® Mikrofeinkalk	Witteler GmbH & Co. KG	Is used in the stable area for the drying of walking and lying areas and for the making of a lime-straw-mattress	Microfine calcium carbonate from pure natural limestone 100 %

Tradename	Company	Applications	Composition, Comments
PigTorf®	Agromed	Soil for rooting for piglets - promotes the natural instinct of piglets to root	Peat 100 %
PiP Plus Water	MSH Moderne Stallhygiene	For keeping clean water pipes and the permanent removal of a biofilm. Pathogenic germs are repressed	Probiotic Bacillus ferment 100 %
Saniblanc® H 15	Rheinkalk Lhoist	Hygienically active litter lime for animal husbandry for the production of a comfortable lime straw mattress and/or for the spreading, drying and hygienisation of e.g. walkways, delivery areas. Application as claw bath possible	Calcium-magnesium hydroxide > 10 % BAuA-No.: N-74713
SoftCell®	Agromed	Bedding for poultry and cattle	Unprocessed fresh wood, specially mechanically prepared; natural plant extract
STALLMAX	Hechenbichler	For cleaning stables, milking parlours, slatted floors and for removing blockages	Rock oil, Sunflower oil
ViBo 91	VKD	Bedding from chalk	Microfine, pure calcium carbonate (chalk)
Z'dry	Olmix GmbH	Germ-inhibiting and drying bedding powder to scatter the lying- and walking areas of the livestock. Non-irritant, binds ammonia	CaCO <sub>3</sub> , MgCO <sub>3</sub> 32,5 %, Dried plant powder 0,1 %, Sawdust 15,98 %, Sepiolite and montmorillonite 46,9 %
ZeoDry	Remmert	Drying of bedding, germ suppression, adsorption of toxins and pollutants, ammonia reduction	
ZG Opti®Des	ZG Raiffeisen	Bedding lime for dairy cattle husbandry	Calcium carbonate < 90 %, Calcium hydroxide >10 %  BAuA-No.: N-74562

#### 4-4 Animal care products

Tradename	Company	Applications	Composition, Comments
BLACKJELLY	Hechenbichler	Gel, tends to cracks, open areas of skin (inner thighs)	Essential oils, Plant oils and vegetable fatty acids, Rock oil
BTSR Bio Tier- und Stallreiniger	Hanse	Cleaning of stable- and lying area surfaces, cleaning of hoofs, coat care	Lactic acid 2 %, Organic herb extracts, Probiotic lactic bacteria
CalciDry	Fels-Werke	Straw lying box (deep box)	Calcium carbonate 79 %, Silicon dioxide 10,3 %
Calzeo Kalk-Tonmineral	Calzeo	Straw bed box	Calcium magnesium carbonate 62-86 %, Silicon and aluminium oxide 8-26 %

Tradename	Company	Applications	Composition, Comments
Calzeo-H	Calzeo	Straw bed box	Calcium magnesium carbonate 56-62 %, Silicon and aluminium oxide 25-34 %
Feinstkalkstein - natürlich, tonhaltig	Fels-Werke	Natural care product for animals. Straw bed box (deep-set-box)	Calcium magnesium carbonate 62-86 %, Silicon and aluminium oxide as natural limestone 8-26 % <i>Natural limestone clay mineral for blending and the maintenance of the straw mattress</i>
Juragold	Fels-Werke	Natural care product for animals. Straw bed box (deep-set-box)	Silicon and aluminium oxide as natural limestone 25-34 %, Calcium magnesium carbonate 56-62 % <i>Natural limestone clay mineral for blending and the maintenance of the straw mattress</i>

#### 4-4-1 Claw care products

Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection agent for animal stables, facilities and equipment in animal husbandry	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-56745 , N-43206, N-43207, N-43208 <i>Two-components-product, consisting of the component Wofasteril® SC super and the component alcapur® / alcapur® E</i>
eimü® Klauen-Sprint Akut	Eimermacher	Hygienically covers skin areas of the claw. Disinfects, promotes drying of oozing cracks and promotes the healing and regeneration of the skin	Salicylic acid 34 % BAuA-No.: N-66054
FINK - FC-MO	FINK TEC	Hoof cleaner with microbicidal activity for use in hoof bath or for spraying on	Peracetic acid 5 % BAuA-No.: N-71142
STALLMAX	Hechenbichler	Emulsion for the improvement of claw hygiene and as such for the prevention of claw diseases	Rock oil, Sunflower oil

#### 4-5 Products for udder hygiene and care

Tradename	Company	Applications	Composition, Comments
Biocell	DeLaval GmbH	Cleansing and caring moist udder towels for an application before milking, pH 5,05	Lactic acid 1,5 %
BLACKJELLY	Hechenbichler	Gel to support the veterinary treatment, softens hardened parts	Essential oils, Rock oil, Vegetable oils and vegetable fatty acids
calgodip D 3000 Film	Calvatis	Udder dip- and care product	Iodine 0,3 % IHO-listing BAuA-No.: N-55956, EU-0018724-0009 1-8

Tradename	Company	Applications	Composition, Comments
calgodip D 5000	Calvatis	Udder dip- and care product, contains iodine	Iodine 0,5 % IHO-listing BAuA-No.: N-31266, EU-0018724-0010 1-8 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
DeLaval udderwash	DeLaval GmbH	For caring udder cleaning before milking	Iodine 1,18 %  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
Dip es barriere	Schopf	Udder disinfection, film-forming ready-to-use dip	Iodine 0,14 %  BAuA-No.: N-38901
Dip es barriere S	Schopf	Udder disinfection, film forming ready to use dipping agent	Povidone Iodine 0,3 %  BAuA-No.: N-56622
Dip es lo-film	Schopf	Udder disinfection, film forming ready to use dipping agent	Povidone Iodine 0,3 %  BAuA-No.: N-53546
Dip es lo-foam	Schopf	Teat foam for disinfectant udder pre-cleaning	Povidone Iodine 0,1 %  BAuA-No.: N-53547
Dip es organic SF	Schopf	Udder disinfection, film-forming ready-to-use dip	L-(+)-lactic acid 0,96 % certified by DLG
Dip es poly-film Spray	Schopf	Udder disinfection, film-forming ready-to-use dipping agent	L-(+)-lactic acid 1,92 %  BAuA-No.: N-71289
Dip es protect SF	Schopf	Film-forming ready-to-use dipping agent	L-(+)-lactic acid 0,96 %
Dip es SF	Schopf	Sprayable ready-to-use dipping agent for udder disinfection	Povidone Iodine 0,14 %  BAuA-No.: N-58737
Eutergel	Schopf	Caring udder gel	Eucalyptus oil 4 %
IoKlar Multi	Ecolab	Disinfecting teat dip agent based on PVP-iodine with high-quality care components. Suitable for spray and dip treatments	PVP-iodine 2,45 % certified by DLG BAuA-No.: EU-0018398-000 5 1-3
IPUSagro M 220	IPUS	Udder hygiene paste for preventive care and cleaning. Spread onto the skin and let it dry up until it falls off. Repeat if necessary	Acetic acid 0,68 %
Lacto-dip	Diemer	Udder care after milking	Lactic acid (80%) 7,8 %
Qusan	Diemer	Udder care / skin protection	Calendula extract 1 %, Dinkula 35 %, Lavender extract 1 %, Organic apple vinegar 40 %, Propolis extract 1 %



<b>4-5-1 Teat dips</b>			
Tradename	Company	Applications	Composition, Comments
AloeDipp Bio	EM Technologiezentrum	Teat dip for teat and skin care	<i>Teat care</i>
AMS-Sprüh-Dipp-Film	SaluVet	Ready-to-use udder care product suitable for automatic milking plants	Aloe Vera powder, Filming agent, Lanolin, Panthenol certified by DLG
Blockade	DeLaval GmbH	Teat disinfection agent and barrier dip product for the application after milking. Authorized and freely marketed veterinary medicine	Iodine 0,25 % 6-8 ppm free iodine, BVL approval number: 400593.00.00  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
BlueMAX B Clean	BouMatic	Cleansing of the teats before milking. Use by professional operators only	Glycerin 10-20 %
calgodip	Calvatis	Teat care product ready for use	Lactic acid 1,2 %  BAuA-No.: N-32120
calgodip Amadine Film	Calvatis	Acidic care agent. Udder dip- and care agent with disinfection	Lactic acid 0,96 %  BAuA-No.: N-71319
calgodip Amadine Spray	Calvatis	Acidic care agent. Udder dip and care agent with disinfection	Lactic acid 0,96 %  BAuA-No.: N-71318
calgodip Blue Kamille Film	Calvatis	Acidic care agent. Udder dip- and care agent with disinfection and biological fly control	Lactic acid 0,96 %  BAuA-No.: N-71321
calgodip Blue Kamille Spray	Calvatis	Acidic care agent. Udder dip- and care agent with disinfection	Lactic acid 0,96 %  BAuA-No.: N-71320
calgodip D 1200	Calvatis	Udder- and care agent. Neutral dip agent for the application after milking	Iodine 0,14 % BAuA-No.: N-32121, EU-0018724-008 1-7
calgodip D 3000	Calvatis	Teat dip	Iodine 0,3 % EU-0018724-0011 1-9 IHO-listing <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
calgodip D 5000	Calvatis	Udder dip- and care product, contains iodine	Iodine 0,5 % IHO-listing BAuA-No.: N-31266, EU-0018724-0010 1-8 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
cdDipp forte	cdVet	Dilute in water 1:15 - 1:30 according to care needs and apply directly to the teats after milking with a dip cup or dip sprayer	Calendula oil 8 %, Incense oil 2 %, Lavender oil 5 %, St.-John's wort oil 5 %, Tea tree oil 5 % <i>Natural teat care and protection</i>

Tradename	Company	Applications	Composition, Comments
DeLaval Prima	DeLaval GmbH	Teat disinfection product for dipping or spraying for the application after milking, pH 3.5	Hydrogen peroxide (30%) 0,5 %, Lactic acid (80%) 0,32 %, Salicylic acid 0,18 % certified by DLG BAuA-No.: N-67688
DESINTEC® MH-LactiFilm	AGRAVIS	Disinfecting barrier dip product. Contains protection from flies and valuable care components. Forms a long lasting protective film	Glycolic acid, Lactic acid certified by DLG BAuA-No.: N-84566
Dip es organic	Schopf	Udder disinfection, film-forming ready-to-use dip	Lactic acid 0,96 % certified by DLG
Dip es protect	Schopf	Film-forming ready-to-use dipping agent	Lactic acid 0,96 %
Dip es silver	Schopf	Sprayable ready-to-use dipping agent for udder disinfection	Povidoniod 0,3 %  BAuA-No.: N-48639
Dip-io 5000	Kersia	Teat disinfection, ready for use, intended exclusively for the professional application	Iodine 0,5 % certified by DLG BAuA-No.: N-60745 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
eimü® Dermastitis-Blocker	Eimermacher	Dip product for secure protection against mastitis pathogens and as a prevention of udder diseases. Approved veterinary medicinal product, freely marketed	Allantoin < 1 %, Glycerine 10-15 %, Iodine 0,3 % BVL approval number: 401719.00.00  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
eimü® Dry-Dip	Eimermacher	External teat sealer for protection during the non-lactating period. The film holds on for 3 to 7 days	Butanon 11 %, Ethyl acetate 10,75 %
eimü® Euterwasch	Eimermacher	Concentrate for disinfecting udder cleaning before milking	Glycerin 5-10 %, Iodine 1,2 %, Non-ionic surfactants 5-15 %  BAuA-No.: N-45611 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
eimü® Hygiene-Dip pvp	Eimermacher	Solution to immerse the teats. Approved veterinary medicinal product, freely marketed	Allantoin < 1 %, Glycerin 5-10 %, PVP-iodine 0,3 % BVL approval number: 30911.00.00 certified by DLG  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
eimü® Prema-Clean +	Eimermacher	Intensive cleaning, care and disinfection of teats before milking. Increases udder stimulation	Lactic acid 5 %, Salicylic acid 0,01 %  BAuA-No.: N-84628
FINK - Hexi Dip 50	FINK TEC	Dipping agent based on chlorhexidine digluconate for disinfection after milking	Chlorhexidine digluconate 0,5 %, Glycerin 5-10 %  BAuA-No.: N-50259

Tradename	Company	Applications	Composition, Comments
FINK - Hexi Spray 50	FINK TEC	Sprayable dipping agent based on chlorhexidine digluconate for disinfection after milking	Chlorhexidine digluconate 0,5 %, Glycerin 5-10 % IHO-listing BAuA-No.: N-50264
FINK - Iod Dip 30	FINK TEC	Iodine-based dipping agent for use after milking	Glycerin, Iodine 0,3 % IHO-listing BAuA-No.: N-41815  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
FINK - Iod Dip 50	FINK TEC	Ready-to-use udder care product for dipping after milking	Glycerin, Iodine 0,5 % BAuA-No.: N-29912  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
FINK - Iod Spray 30	FINK TEC	Ready-to-use udder care product for hygienic care of teats and udder skin for spraying	Glycerin, Iodine 0,3 % BAuA-No.: N-41764  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
FINK - Iod Spray 50	FINK TEC	Ready-to-use udder care product for hygienic care of teats and udder skin by spraying	Glycerin, Iodine 0,5 % IHO-listing BAuA-No.: N-37560  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
FINK - Lactic Dip	FINK TEC	Dip agent based on lactic acid for the application after milking	Glycerin, Lactic acid 10 % IHO-listing BAuA-No.: N-29004
FINK - Lactic PreWash	FINK TEC	Cleaning- and caring foam for the application before milking. For spraying and dipping	Lactic acid 2-4 %  BAuA-No.: N-25751
FINK - Lactic Spray	FINK TEC	Sprayable dip agent based on lactic acid for the application after milking	Glycerin 7 %, Lactic acid 10 % IHO-listing BAuA-No.: N-37974
Hexi Foam	BouMatic	Solution for teat disinfection	Chlorhexidine digluconate 1 %  BAuA-No.: N-85236
Hexi Spray	BouMatic	Solution for teat disinfection	Chlorhexidine digluconate 0,53 %  BAuA-No.: N-85234
HM VIR BLAU	Kersia	Teat disinfection after milking	Lactic acid 2 %, Salicylic acid 0,099 %  BAuA-No.: N-41271, N-41270
HM VIR FILM	Kersia	Teat disinfection after milking	Lactic acid 2 %, Salicylic acid 0,099 % certified by DLG BAuA-No.: N-27464

Tradename	Company	Applications	Composition, Comments
HM VIR LIQUID	Kersia	Zitzendesinfektion nach dem Melken	Lactic acid 2 % certified by DLG BAuA-No.: N-44470
INO JOD 50 DIP	Kersia	Teat disinfection after milking	Iodine 0,5 % certified by DLG BAuA-No.: N-38495 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
INO JOD 50 LIQUID	Kersia	Teat disinfection after milking	Iodine 0,55 % certified by DLG BAuA-No.: N-46217 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
IoShield®	Ecolab	Disinfecting barrier dip for the application after milking	PVP-iodine 0,14 % certified by DLG BAuA-No.: EU-0018398-000 3 1-2 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
JOPO FILM	NOVADAN	Ready-to-use teat disinfectant, to be used in animal husbandry	Iodine 0,3 % IHO-listing BAuA-No.: EU-0019757-0002 1-2 <i>The product has bactericide and yeasticidal effect. Can be used as a teatdip for all milking animals after milking</i>
KENODIN 3000	CID LINES	Ready-for-use solution for immersing and spraying the teats	PVP-iodine 3 % BVL approval number: 400780.00.00 certified by DLG <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
KENOLAC	CID LINES	Film forming agent with disinfecting effect, protection against flies and the sun	L-(+)-lactic acid 3,6 % certified by DLG BAuA-No.: N-26185
Kenopure	CID LINES	Teat dip/spray before milking. For teat cleaning, -disinfection and -care	Lactic acid 8 % BAuA-No.: N-31632
LactiFence +	DeLaval GmbH	Teat disinfectant and barrier dipping agent for use after milking	L - (+) - Lactic Acid 0,35 %, Salicylic acid 0,2 % BAuA-No.: N-75848
Liq-io 5500	Kersia	Udder hygiene after milking, teat disinfection by dipping and spraying (incl. milking robot)	Iodine 0,55 % certified by DLG BAuA-No.: N-60743 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>

Tradename	Company	Applications	Composition, Comments
LuxDip 25	GEA Farm Technologies	Teat dip	Iodine 0,25 %  BAuA-No.: N-27852 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
LuxDip 50B	GEA Farm Technologies	Teat dip	Iodine 0,5 % BAuA-No.: N-28294 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
LuxSpray 15	GEA Farm Technologies	Teat dip	Iodine 0,15 % BAuA-No.: N-31168 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
LuxSpray 30	GEA Farm Technologies	Disinfecting and caring teat dip product for spraying and dipping	Iodine 0,3 % BAuA-No.: N-46015 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
LuxSpray 50	GEA Farm Technologies	Teat dip	Iodine 0,5 % BAuA-No.: N-29599 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
MS UdderCare Magenta	Schippers	Dipping agent	Chlorhexidine digluconate 1 %  BAuA-No.: N-61108
neosan Dip	Dr. Weigert	Disinfecting teat dip product with high contents of skin protection- and care components. Ready-to-use veterinary medicinal product, freely marketed	Povidon-iodine 3 % BVL approval number: 400.630.00.00 certified by DLG <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
NOVA DIP SPRAY 3000	NOVADAN	Teat disinfectant to be used in animal husbandry	Iodine 0,3 %  IHO-listing BAuA-No.: EU-0019757-0005 1-5 <i>Has bactericide and yeasticidal effect; is used as dip or spray after milking</i>
OxyFoam	Ecolab	Active foam for precleaning the udder and teats	Lactic acid 1,49 %
PREFOAM+	Kersia	Teat disinfection before milking	Lactic acid 2 %, Salicylic acid 0,099 %  BAuA-No.: N-40008
prevides® Film	jbs gmbh		BAuA-No.: N-72813 <i>Film dip, drip-free</i>

Tradename	Company	Applications	Composition, Comments
Prima Plus	DeLaval GmbH	Dippable and sprayable teat disinfectant for use after milking	Hydrogen peroxide 0,91 %, Salicylic acid 0,2 %  BAuA-No.: N-77823
Proactive	DeLaval GmbH	Teat disinfection agent for dipping and spraying for the application after milking; approved veterinary medicinal product, freely marketed, pH 4,9	Iodine 0,15 % 4-6 ppm free iodine BVL-approval number: 400539.00.00  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
SalvoDip B	GEA Farm Technologies	Disinfecting teat dip based on lactic acid. Contains a unique care complex for special care of the teat skin	Lactic acid 2,4 %  BAuA-No.: N-43163
SalvoSpray	GEA Farm Technologies	Disinfecting sprayable teat dip based on lactic acid with outstanding care properties, 2400 ppm lactic acid	Lactic acid 2,4 %  BAuA-No.: N-50039
SalvoSpray AMS	GEA Farm Technologies	Ready-to-use, sprayable teat dip with lactic acid. Effective teat care and disinfection immediately after milking	Lactic acid 2,4 %  BAuA-No.: N-79531
SPRAYMADINE C	Kersia	Teat disinfection after milking	Lactic acid 5,988 %  BAuA-No.: N-19128
Sprüh-Dipp-Film	SaluVet	Barrier dip agent for the application by spraying: forms a caring and protecting film on the teat. Undiluted application after every milking	Aloe vera, Dexpanthenol, Glycerol (85%), natural film forming agent, PEG Lanolin, Xanthan gum, α-oligoglucane / prepiotic certified by DLG
Sprüh-Lacta-Dipp®	SaluVet	Treatment of the teats after milking: For application by immersion or spraying, suitable for spraying systems. Ready for use solution	Aloe Vera Powder, anionic polysaccharides, Glycerol, Lactic acid (90 %) certified by DLG
Tri-Fender	DeLaval GmbH	Dippable and sprayable teat disinfectant for use after milking. Developed for automatic spraying	Iodine 0,25 % 4-6 ppm free iodine  BAuA-No.: N-45216 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
Udder Dip	BouMatic	Teat disinfection. Use specified for professional users only	Iodine 0,5 % BAuA-No.: N-39783 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
Udder Star	BouMatic	Teat disinfection. Use specified for professional users only	Iodine 0,5 % BAuA-No.: N-39787 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>

Tradename	Company	Applications	Composition, Comments
UdderoDip Jod	Kerbl	Disinfecting, film forming teat dip	certified by DLG BAuA-No.: N-37039 <i>Disinfecting iodine-based film-forming teat dip composition</i>
Upersan® dip	KESLA PHARMA	Teat disinfection after milking	Hydrogen peroxide 4-5 %, Peroxyacetic acid 1-1,2 % certified by DLG BAuA-No.: N-46433
VelouCid	Ecolab	Disinfecting and film forming teat dip. Unique care performance due to a visible fat- and moisture film	PVP-iodine 1,15 % certified by DLG BAuA-No.: N-29549 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
VelouCid Spray	Ecolab	Sprayable and disinfecting teat dip. Unique care performance due to a visible fat- and moisture film	PVP-iodine 1,15 % BAuA-No.: N-31192 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
Zitzen-Top	Waldmann		L-(+)-lactic acid 4 %  BAuA-No.: N-25369

#### 4-5-2 Udder care products

Tradename	Company	Applications	Composition, Comments
AMACOOOL	Hechenbichler	Paste, cools swollen joints and udders	Aluminium diacetate 60 %, Essential oils 3 %
Biofoam Plus	DeLaval GmbH	Foam-based teat cleaner to use before milking	Allantoin, Glycerin, Lactic acid
BlueMAX D Control	BouMatic	Skin- and teat care after milking. Use specified for professional users only	Glycerin 5-15 %
CAI-PAN®mint	CAI-PAN		<i>Udder care cream with CAI-PAN® Japanese peppermint oil</i>
CareMINT	Kerbl	Udder care products	
cdDipp forte	cdVet	Dilute in water 1:15 - 1:30 according to care needs and apply directly to the teats after milking with a dip cup or dip sprayer	Calendula oil 8 %, Incense oil 2 %, Lavender oil 5 %, St.-John's wort oil 5 %, Tea tree oil 5 % <i>Natural teat care and protection</i>
DermaPré F	GEA Farm Technologies	Foaming udder dip product for cleaning and care of the teats before milking	Lactic acid 2,4 %
Dip Agro protect Film	Schopf	Euterdesinfektion. Filmbildendes gebrauchsfertiges Dippmittel	PVP Jod 0,3 %  BAuA-No.: N-62136
eimü® Ensbona-Blau +	Eimermacher	Against swellings, hardenings as well as supporting care for the teats during milking out therapies. Contains balsam of Peru. Can cause allergic reactions	Balsam of Peru < 1 %, Camphor 1-5 %, Methyl salicylate < 1 %, Panthenol < 1 %, Petroleum jelly 10-20 %
eimü® Hygiene-Melksalbe	Eimermacher	Intensive care of the teats. Promotes the regeneration process of skin lesions	Allantoin < 1 %, Petroleum jelly > 94 %

Tradename	Company	Applications	Composition, Comments
Eulaktan	Schopf	Nourishing udder balsam	Anise oil 2 %, Dill cabbage oil 1 %, Eucalyptus oil 1 %, Fennel oil 1 %, Rosemary oil 4 %
HYPRED QUICK	Kersia	Udder hygiene before and after milking	Lactic acid 2 %, Salicylic acid 0,0999 % certified by DLG BAuA-No.: N-57017
KerbaMint 35	Kerbl	Udder care product	Peppermint oil 35 % certified by DLG
LactoMint	cdVet	Rub in twice a day on a large area, thinly and evenly over a period of 5-10 days	Calendula oil < 2 %, Eucalyptus oil < 2 %, Peppermint oil < 10 %, Tea tree oil < 1 % <i>Udder care and protection with essential oils</i>
LactoMint Euterspray	cdVet	Spray twice a day on a large area, thinly and evenly over a period of 5-10 days	Calendula extract 1,2 %, Eucalyptus oil 1,6 %, Peppermint oil 2,5 %, Rosmary oil 0,4 %, St. Johns wort oil 0,4 %, Tea tree oil 0,4 % <i>Udder care and protection with essential oils</i>
Lerapur® Dip MS	Stockmeier	Teat dip	Chlorhexidine digluconate 0,18 % IHO-listing BAuA-No.: N-33995
Lerapur® Dip MS SP	Stockmeier	Teat dip	Chlorhexidine digluconate 0,18 % IHO-listing BAuA-No.: N-33996
SalvoCare Mint 35	GEA Farm Technologies	Udder care product	Peppermint oil

#### 4-15 Products for cleaning and disinfection in crop production

Tradename	Company	Applications	Composition, Comments
BIO.Intensiv AGRAR Reiniger	BIOSID	Dissolves grease, oil and dirt of all kinds quickly and reliably. Also suitable for greenhouse and solar system cleaning. Suitable for the use in food industry	Organic polymer < 5 %
Huwa-San AGRO 50	NEOVIA	Application in aquiferous systems in the food sector, in greenhouses and on acreage	Hydrogen peroxide 49,5 % BAuA-No.: N-57344, N-57383
Intra Hydrocare	Behn-Meyer	Cleaning and disinfecting agents for watering systems and plant production	Hydrogen peroxide 49,4 % BAuA-No.: N-72635 <b>No application in the drinking water of the animals</b>
ORGANIC PURE	Anzenberger	Suitable for stables, floors, tractors, equipment, machines, facility cleaning (surfaces, kitchens, etc.), high-pressure steam cleaning	Organic polymer < 5 % <i>Biological high-performance cleaner, completely biodegradable</i>
Reinigungsbasis PE	WIGOL	For cleaning irrigation hoses, pots, equipment, glas walls- and ceilings in the cultivation of vegetables and plants	Acetic acid 15-30 %, Hydrogen peroxide 15-30 %, Peroxyacetic acid 5-15 %



<b>4-15-1 Disinfectants for crop production</b>			
Tradename	Company	Applications	Composition, Comments
A-QUASAN	Menno	Disinfectant (liquid concentrate) bactericide, fungicide, virucide, for surface disinfection in vegetable food production	Benzoic acid 9 %, Formic acid 4 % listed by DVG BAuA-No.: N-61090, N-61091
Jet 5®	Certis Europe B.V.	Fast and broadly effective surface disinfection of materials and surfaces	Peracetic acid 5 % listed by DVG
Kickstart	CID LINES	Disinfectants for greenhouses, surface disinfection (also in the food industry), piping systems, drinking water systems in greenhouses and in animal husbandry	Hydrogen peroxide 20 %, Peracetic Acid 5 %  BAuA-No.: N-73969, N-65878, N-65879, N-73970
MENNO Florades	Menno	Cultivation of arable crops, vegetable and ornamental plants: bactericidal, fungicidal, virucidal	Benzoic acid 9 % BVL approval number: 034407-00/00
<b>4-15-2 Cleaning agents for crop production</b>			
Tradename	Company	Applications	Composition, Comments
ECOFIPS Schaum	Höltken	Thermal weed management by hot water foam process	D-Glucopyranose, Oligomers, Decyloctyl glycosides (utility solution) 0,2 - 0,4 %
ENNO® RAPID	Menno	Ready for use cleaning- and decontamination agent for personal hygiene; for professional horticulture	Ethanol 65-70 %
FADEX H+	Menno	Cleans, removes organic and inorganic contaminants, contaminations from surfaces	<i>Acidic, highly foaming cleaning agent (liquid, water-miscible concentrate) for hygienic purposes in vegetable/plant cultivation</i>
FADEX Rapid	Menno	Cleans, removes organic and inorganic contaminants as well as contaminations by washing procedures	<i>Ready-to-use liquid product for hygienic purposes, personal hygiene, hand hygiene and for surfaces</i>
ORGANIC PURE	Anzenberger	Suitable for stables, floors, tractors, equipment, machines, facility cleaning (surfaces, kitchens, etc.), high-pressure steam cleaning	Organic polymer < 5 %  <i>Biological high-performance cleaner, completely biodegradable</i>
VENNO DERM	Menno	Ready for use cleaning- and decontamination agent for personal hygiene	Propane-1-ol 30-40 %, Propane-2-ol 10-20 %

## 5 Products for parasite control

### 5-1 Products for the treatment of buildings

Tradename	Company	Composition	Applications, Comments
ECO 3000 Sprühlösung	Schopf	Chrysanthemum cinerariaefolium 0,35 %	BAuA-No.: N-77232 Spraying agent for pest control in the barn

#### 5-1-1 Products against adult stable flies

Tradename	Company	Composition	Applications, Comments
Elector®	Elanco	Spinosad 480 g/l	BAuA-No.: DE-2013-MA-18-00002 Pesticide to use in stables against e.g. red mite, lesser grain borer, silken fungus beetle, house- and stable flies
INTERFLYSTOP® FLIEGENROLLE	InterHygiene	Glue	Fly repellent <i>Glue roll without any further active ingredients</i>
MS EcoGlue Fly roll	Schippers		Glue tape to hang in the stable for fly control
PyoFly Stallfliegenkonzentrat	Kerbl	Pyrethrins and cinerin 40 g/l	BAuA-No.: N-45097 Control of flying and crawling insects, especially stable fly control

#### 5-1-1-1 Plant extracts

Tradename	Company	Composition	Applications, Comments
ECO 3000 Konzentrat	Schopf		BAuA-No.: N-77231 Spraying agent for pest control in the barn

#### 5-1-2 Products against maggots

Tradename	Company	Composition	Applications, Comments
BIOCOL	BIOCO	Potash soap, vegetable oils and extracts	<i>Reduces development of flies and fly maggots: particularly effective and labour-saving with an automatic spraying system as e.g. BIOCORMAT</i>
MuscaMorte® Güllefliegen	Biofa	Ophyra aenescens	Stable fly, housefly, flesh fly, blowfly <i>Organic stable fly control (liquid manure)</i>
MuscaMorte® Schlupfwespen	Biofa	Muscidifurax spp., Nasonia vitripennis	Stable fly, housefly, flesh fly, blowfly <i>Organic stable fly control (solid dung)</i>

#### 5-1-3 Products against poultry mites and other ectoparasites

Tradename	Company	Composition	Applications, Comments
Adele Milbenfrei	HK-Enterprise	Plant oil 66,66 %	Poultry red mite, for room treatment
Agrinova Milbenfrei	Agrinova	Diatomaceous earth 100 %	BAuA-No.: N-20227 Dusting agent against bird mites and various ectoparasites
Agrinova Milbenfrei Plus	Agrinova	Diatomaceous earth 92 %, Pyrethrum 8 %	BAuA-No.: N-81168 Spray and spray agent against bird mites and various ectoparasites
Agrinova PyriSec	Agrinova	Diatomaceous earth 98 %, Pyrethrum 2 %	BAuA-No.: N-18946 <i>Against bird mites and other crawling ectoparasites, especially in poultry and pet keeping</i>

Tradename	Company	Composition	Applications, Comments
cit® Mite-ExSil	Kerbl		BAuA-No.: N-74834 <i>Mite powder spray for combating red bird and other mite species as well as fleas and ticks</i>
DiaCarid	Kerbl	Chrysanthemum cinerariaefolium 4 g/kg, Silicon dioxide (diatomaceous earth) 952 g/kg	BAuA-No.: N-79027 <i>Fine powder to combat the red bird mite and crawling insects such as mites, ants, silverfish and woodlice</i>
Ektosol fossil	Schopf	Diatomaceous earth 100 %	BAuA-No. N-68183 Biological grit
Ektosol fossil Spray	Schopf	Silicon dioxide / diatomaceous earth 7,25 %	BAuA-No.: N-67676 Biological spraying agent for mite control
Elector®	Elanco	Spinosad 480 g/l	BAuA-No.: DE-2013-MA-18-00002 Pesticide to use in stables against e.g. red mite, lesser grain borer, silken fungus beetle, house- and stable flies
EWAZID® Anti-Mite	THESEO	Diatomaceous earth 96,31 %	BAuA-No.: N-77241
Gustav Milbenstopp	HK-Enterprise	Plant oil 100 %	Poultry red mite - for room treatment <i>Against poultry red mites, ready-to-use, to use after treatment with Adele Milbenfrei</i>
HS Mikrogur	Sikma	Diatomaceous earth E551C 100 %	Against red mite, lice, fleas, bird lice <i>Repellent, should be spread with water 1:10</i>
InsectoSec®	Biofa	Silicon dioxide/ diatomaceous earth 100 %	BAuA-No.: N-16171 Red mite, other crawling pests: particularly suitable for poultry farming
InsectoSec® Insektenspray	Biofa	Silicium dioxide/ diatomaceous earth 7,2 %	BAuA-No.: N-57563 Red mite, other crawling pests: particularly suitable for poultry farming
InsectoSec® liquid	Biofa	Silicium dioxide/ diatomaceous earth 20 %	BAuA-No.: N-57741 (Biocide) Spray solution against the red bird mite and other crawling insects <i>Biocide against the red mite and other crawling insects in poultry houses and ornamental bird husbandry</i>
InsectoSec® liquid PRO	Biofa	Silicium dioxide / diatomaceous earth 96 %	BAuA-No.: N-75095 <i>Agent against the red bird mite in the henhouse</i>
INTER® BIOSILIKAT	InterHygiene	Diatomaceous earth 1.000 mg/g	BAuA-No.: N-66466 Powder for atomizing or spraying <i>Against mites (especially red mite), fleas, woodlice, silverfishes, lesser grain borer, silken fungus beetle, etc.</i>
INTER® BIOSILIKAT SPRAY	InterHygiene	Diatomaceous earth	BAuA-No.: N-72010 Against crawling pests such as ants, fleas, woodcocks, silverfish, lesser mealworm beetle (Alphitobius diaperinus), cockroaches, etc. For the application in hiding places (nests, cracks, crevices, cavities), walkways and sleeping places of domestic animals
IPUSagro® V 100	IPUS	Clinoptilolite zeolite 100 %	Against mites: spreading agent for nesting sites of ectoparasites
M 50 LA	Freriks	Diatomaceous earth 100 %	

Tradename	Company	Composition	Applications, Comments
M 50 Q	Freriks	Potassium soap 60 %, sodium soaps	
MilbiSec®	SaluVet	Diatomaceous earth 100 %	BAuA-No.: N-71937 Against red mite, hygiene- and other pests
MilbiSec® Insektenspray	SaluVet	Diatomaceous earth 7,2 %	BAuA-No.: N-71939 Against red mite and crawling pests
Milbozid Natur-Barriere	rotie-pharm	Vegetable oil 100 %	For room treatment - against red bird mite and other crawling insects <i>Particularly suitable for poultry farming. Use after treatment with "Milbozid Natur-Öl"</i>
Milbozid Natur-Öl	rotie-pharm	Vegetable oil 66,6 %	For room treatment - against red bird mite and other crawling insects <i>Particularly suitable for poultry farming</i>
Milbozid S	rotie-pharm	Silicon dioxide (diatomaceous earth) 100 %	BAuA-No.: N-61151 <i>Against red mite and other crawling pests. Particularly suitable for poultry farming</i>
Milbozid S Spray	rotie-pharm	Silicon dioxide (diatomaceous earth) 7,25 %	BAuA-No.: N-68813 <i>Against red bird mite and other crawling pests. Particularly suitable for poultry farming. No resistances known</i>
ZEOCARE	Hauri	Phonolite, annealed 100 %	Against red bird mites, feather mites, lice, fleas - Drying bath for poultry <i>Activated natural zeolite, combats mites and other parasites naturally and increases animal welfare, reduces dust for clean eggs</i>

#### 5-1-4 Other products for room treatment

Tradename	Company	Composition	Applications, Comments
FERMENTSTART	Asburg		<i>Combating parasites in livestock, e.g. in the stomach</i>
Fliegenfänger Twister	Kerbl	Glue trap	Stable fly, product for monitoring the number of flies
Fliegenrolle 7 m	Kerbl	Glue trap	Stable fly, product for monitoring the number of flies
Fliegenrolle 9 m	Kerbl	Glue trap	Stable fly, product for monitoring the number of flies
Fliegenrolle JumboXL	Kerbl	Glue trap	Stable fly, product for monitoring the number of flies
Stallfliegenbogen FlyMaster	Kerbl	Glue trap	Stable fly, product for monitoring the number of flies
Stallfliegenfänger FlyMaster Schnur	Kerbl	Glue trap	Stable fly, product for monitoring the number of flies
Stallfliegenrolle Eco 10 m	Kerbl	Glue trap	Stable fly, product for monitoring the number of flies

#### 5-1-5 Traps

Tradename	Company	Composition	Applications, Comments
Dismate PE	Kulms	Nature-identical pheromones	BAuA-No.: EU-0013956-0000 <i>For professional use against <i>Plodia interpunctella</i> and <i>Ephestia Khueniella</i></i>

## 5-2 Products for use on animals

### 5-2-1 Products against flies for use on animals

#### 5-2-1-1 Plant extracts

Tradename	Company	Composition	Applications, Comments
Eutra PUR-ON	Interlac	Chrysanthemum cinerariaefolium extract 5 %	BAuA-No.: N-79119

#### 5-2-2 Repellents against ectoparasites

Tradename	Company	Composition	Applications, Comments
BremsenFrei	SaluVet	Geraniol 1 %, lavender oil 0,5 %	BAuA-No.: N-65745 Repellent: Protection against flies, mosquitos, horseflies <i>Auxiliary agents: natural essential oils and glycerin</i>
Insect Blocker organic pour-on	Schopf	Chrysanthemum cinerariaefolium 5 %	BAuA-No.: N-77234 Repellent agent for use on animals, defence against flies, gnats, horseflies, pasture flies
MilbiZid®	SaluVet	Pyrethrum extract (50%) 1 %	BAuA-No.: N-36276 For infestation by lice, fleas, mites and other pests <i>Insecticidal detergent for animals; concentrate</i>
Reudanon	Schopf	Geraniol 0,5 %	BAuA-No.: N-73198 Repellent
Reudanon Konzentrat	Schopf	Geraniol 3 %	BAuA-No.: N-73101 Repellent concentrate

## 5-3 Products for beekeeping

Tradename	Company	Composition	Applications, Comments
Bienenstockreiniger (BSR)	Hanse	Lactic acid bacteria 10 <sup>7</sup> / ml	Promotes the bees cleaning drive <i>Organic lactic acid and extracts from organic herbs for cleaning beehives</i>

## 6 Feed and related products

### 6-1 Compound animal feedstuff

Company	Tradename	Content, Composition	Animal species, Comments
SaluVet	Ferm B	crude protein: 4 %, crude fat: 5 g/kg, crude fibre: 30 g/kg	DE-ÖKO-006 ABCERT Packaging: 3 kg, 10 kg <i>Dietary supplement to stabilize the water and electrolyte balance to support physiological digestion</i>

#### 6-1-1 Compound animal feedstuff for all species

Company	Tradename	Content, Composition	Animal species, Comments
BioPro Natur	BioProNatur Vitalfutter A	crude protein: 0,3 %, crude fat: 0,2 g/kg Sugar cane molasses, herbal mixture, probiotic cultures	<i>Liquid feed supplement based on water, probiotic cultures and fermented alpine herbs</i>
cdVet	TurboBronchial QS-P	Black cumin	<i>Stimulation of feed intake in respiratory sensitive populations</i>
Olmix SA	MT.X+	Bentonite, diatomaceous earth, yeast	FR-BIO-10 BUREAU VERITAS

#### 6-1-3 Compound animal feedstuff for cattle

Company	Tradename	Content, Composition	Animal species, Comments
R2 Agro	BioDigester™	crude protein: 1,2 %, crude fat: 0,2 %, crude fibre: 3,2 %, K: 3,5 %, Na: 8,4 %, Cl: 6,5 %, crude ash: 27,4 % Bio-dextrose, bio-legume bran, sodium bicarbonate, sodium chloride, potassium chloride, 4b1707 lactic acid bacteria 2,5 x 10 <sup>11</sup> CFU/kg (Enterococcus Faecium DSM 10663 NCIMB 10415)	DK-ØKO-050 Landbrugs og Fiskeristyrelsen  <i>For the acidification of organic cow's milk for calves</i>
R2 Agro	BioLyt™ Original	crude protein: 0,9 %, crude fat: 0,1 %, crude fibre: 2 %, K: 1,8 %, Na: 4,3 %, Cl: 3,9 %, crude ash: 14,3 % Lysine 0,1 g/kg, methionine 0,05 g/kg, bio-dextrose, bio-legume bran, sodium bicarbonate, sodium chloride, potassium chloride, 4b1707 lactic acid bacteria 1,5 x 10 <sup>9</sup> CFU/kg (Enterococcus Faecium DSM 10663 NCIMB 10415), 1a, E 330 citric acid	DK-ØKO-050 Landbrugs og Fiskeristyrelsen  <i>Supplementary feed for calves and piglets for rehydration in case of diarrhea</i>
SaluVet	Bronch-Arom® B (flüssig)		DE-ÖKO-006 ABCERT
SaluVet	Bronch-Arom® B (Pulver)	crude protein: 3,9 %, crude fat: 3,6 %, crude fibre: 1,5 %, crude ash: 60,8 % Wheat bran, brewer's yeast	DE-ÖKO-006 ABCERT
SaluVet	PhosphorSan® B	crude protein: 4 %, crude fibre: 45 g/kg, P: 12 %, Ca: 8 %, Mg: 4 %, Na: 6,5 % Monosodium phosphate, calcium sodium phosphate, herb-grass meal, magnesium sulphate, molasses, magnesium oxide	DE-ÖKO-006 ABCERT <i>For the focused phosphorus and magnesium supply of the cow</i>

**6-1-9 Compound animal feedstuff for pigs**

Company	Tradename	Content, Composition	Animal species, Comments
R2 Agro	BioLyt™ Original	crude protein: 0,9 %, crude fat: 0,1 %, crude fibre: 2 %, K: 1,8 %, Na: 4,3 %, Cl: 3,9 %, crude ash: 14,3 %  Lysine 0,1 g/kg, methionine 0,05 g/kg, bio-dextrose, bio-legume bran, sodium bicarbonate, sodium chloride, potassium chloride, 4b1707 lactic acid bacteria 1,5 x 10 <sup>9</sup> CFU/kg (Enterococcus Faecium DSM 10663 NCIMB 10415), 1a, E 330 citric acid	DK-ØKO-050 Landbrugs og Fiskeristyrelsen  <i>Supplementary feed for calves and piglets for rehydration in case of diarrhoea</i>
SaluVet	Bronch-Arom® B (flüssig)		DE-ÖKO-006 ABCERT
SaluVet	Bronch-Arom® B (Pulver)	crude protein: 3,9 %, crude fat: 3,6 %, crude fibre: 1,5 %, crude ash: 60,8 % Wheat bran, brewer's yeast	DE-ÖKO-006 ABCERT

**6-1-10 Compound animal feedstuff for poultry**

Company	Tradename	Content, Composition	Animal species, Comments
SaluVet	Kräuterkraft Legeleistung B	crude protein: 13 %, crude fat: 3 g/kg, crude fibre: 82 g/kg, Ca: 2,5 %  Wheat bran, sugar cane molasses, herb-green meal	DE-ÖKO-006 ABCERT

**6-1-10-2 Compound animal feedstuff for layer hens**

Company	Tradename	Content, Composition	Animal species, Comments
SaluVet	Kräuterkraft Legeleistung B	crude protein: 13 %, crude fat: 3 g/kg, crude fibre: 82 g/kg, Ca: 2,5 %  Wheat bran, sugar cane molasses, herb-green meal	DE-ÖKO-006 ABCERT

**6-3 Mineral feed**

Company	Tradename	Content, Composition	Animal species, Comments
Timac DE	Calseagreen+	Ca: 5 %, Mg: 2,5 %, Na: 25 %, Cu: 1500 mg/kg	FR-BIO-01 ECOCERT <i>Mineral licking stone for cattle, goats, horses</i>
Timac DE	Calseanature+	P: 4 %, Ca: 12 %, Mg: 2 %, Na: 19 %, Cu: 200 mg/kg	FR-BIO-01 ECOCERT 15 kg licking stone <i>Mineral lickstone for cattle, sheep, goats, horses</i>

**6-3-1 Mineral feed for all species**

Company	Tradename	Content, Composition	Animal species, Comments
BIOCO	BIOCO-Vital	crude protein: 4,3 %, crude fat: 1,5 %, sugar: 6,5 %, P: 2,5 %, K: 0,9 %, Ca: 8,5 %, Mg: 0,8 %, Na: 1,9 %, crude ash: 55 %	DE-ÖKO-037 ÖKOP 25 kg sack, fine granulate
BIOCO	BIOCO-Zellfit	Ca: 5,8 %, Mg: 0,3 %, Na: 1,7 %, crude ash: 75 %  Diatomaceous earth, algae lime, fruit vinegar, rock salt raw	DE-ÖKO-037 ÖKOP 25 kg sack, fine granulate

Company	Tradename	Content, Composition	Animal species, Comments
DOSTOFARM	DOSTO® Mineral 4Green	P: 0,2 %, Ca: 35,4 %, Mg: 0,1 %, Na: 0,1 % Calcium carbonate, sodium chloride	DE-ÖKO-006 ABCERT 25 kg sack
NOR-FEED	Nor-Mite® B	Ca: 20,6 %, Mg: 4,6 % Calcium carbonate and magnesium carbonate	FR-BIO-10 BUREAU VERITAS
Olmix SA	MMi.S	crude protein: 4 %, crude ash: 71 % Sugar cane molasses, algae, bentonite, diatomaceous earth	FR-BIO-10 BUREAU VERITAS
R2 Agro	CarbonEX	Ca: 0,4 %, Mg: 0,3 % Kaolinite, sodium chloride, calcium carbonate	<i>Mineral feed supplement for the support of the function of the gastro-intestinal tract</i>
Ralinger Salz	basu-kraft® Mineralleckstein	Ca: 1,4 %, Mg: 0,2 %, Na: 37,1 % Sodium chloride, calcium sulphate, magnesium oxide	PL-EKO-02 PNG Sp. z o.o.
Ralinger Salz	Mineralleckstein	Ca: 1,4 %, Mg: 0,2 %, Na: 37,1 % Sodium chloride, calcium sulphate, magnesium oxide	PL-EKO-02 PNG Sp. z o.o.
Ralinger Salz	Raiffeisen Mineralleckstein	Ca: 1,4 %, Mg: 0,2 %, Na: 37,1 % Sodium chloride, calcium sulphate, magnesium oxide	PL-EKO-02 PNG Sp. z o.o.

### 6-3-2 Mineral feed for roughage consumers

Company	Tradename	Content, Composition	Animal species, Comments
Olmix GmbH	Z'lick ALGACUB	P: 3 %, Ca: 15 %, Mg: 5 % Calcium carbonate, sodium chloride, dicalcique phosphate, sugar cane molasses, magnesium oxide, magnesium phosphate	FR-BIO-10 BUREAU VERITAS 12 kg licking stone
Olmix GmbH	Z'lick ALGAFLY	P: 3 %, Ca: 14 %, Mg: 6 %, Na: 5 % Sugar cane molasses, calcium carbonate, sodium chloride, magnesium oxide, monocalcique phosphate, dicalcique phosphate, wheat bran (organic), garlic (organic)	FR-BIO-10 BUREAU VERITAS 20 kg licking bucket <i>Garlic components support natural defence against flying insects</i>
Olmix GmbH	Z'lick ALGANESS	P: 2 %, Ca: 13 %, Mg: 5 %, Na: 5 % Calcium carbonate, sugar cane molasses, sodium chloride, monocalcique phosphate, magnesium oxide, wheat bran (organic), products from the processing of herbs	FR-BIO-10 BUREAU VERITAS 20 kg licking bucket
Olmix GmbH	Z'lick ALGATONIC	P: 4 %, Ca: 15 %, Mg: 5 %, Na: 4 % Calcium carbonate, sugar cane molasses, monocalcique phosphate, sodium chloride, magnesium oxide, wheat bran (organic), dicalcique phosphate	FR-BIO-10 BUREAU VERITAS 20 kg licking bucket
Olmix GmbH	Z'lick FLYCUB	P: 2 %, Ca: 14 %, Mg: 5 %, Na: 16 % Sodium chloride, calcium carbonate, dicalcique phosphate, sugar cane molasses, magnesium oxide, magnesium phosphate, garlic (organic)	FR-BIO-10 BUREAU VERITAS 12 kg licking stone <i>Garlic components support natural defence against flying insects</i>



Company	Tradename	Content, Composition	Animal species, Comments
Olmix GmbH	Z'lick OPTIFLOR	Ca: 17 %, Mg: 5 %, Na: 14 % Calcium carbonate, sodium chloride, magnesium oxide, sugar cane molasses, potassium chloride, sodium sulfate	FR-BIO-10 BUREAU VERITAS 12 kg licking stone
Olmix GmbH	Z'lick TONIC	Ca: 14 %, Mg: 7 %, Na: 12 % Calcium carbonate, sodium chloride, magnesium oxide, sugar cane molasses, potassium chloride, sodium sulfate	FR-BIO-10 BUREAU VERITAS 20 kg licking bucket
Südwestdeutsche Salzwerke AG	Salic Mineral-Leckstein eco	Ca: 0,2 %, Mg: 0,15 %, Na: 38 % FeCO <sub>3</sub> : 100 mg/kg, MnO: 445 mg/kg, ZnO: 445 mg/kg, Ca(IO <sub>3</sub> ) <sub>2</sub> : 27,5 mg/kg, CoCO <sub>3</sub> : 10,0 mg/kg, Na <sub>2</sub> SeO <sub>3</sub> : 10,0 mg/kg, Sodium chloride, calcium carbonate, additive premix, magnesium oxide	DE-ÖKO-001 BCS 10 kg licking stone
Südwestdeutsche Salzwerke AG	Salit Mineral-Leckstein (10 kg)	Ca: 0,2 %, Mg: 0,3 %, Na: 37,7 % FeCO <sub>3</sub> : 200 mg/kg, MnO: 910 mg/kg, ZnO: 890 mg/kg, Ca(IO <sub>3</sub> ) <sub>2</sub> : 55 mg/kg, CoCO <sub>3</sub> : 20 mg/kg, Na <sub>2</sub> SeO <sub>3</sub> : 11 mg/kg, Sodium chloride, calcium carbonate, magnesium oxide, additive premix	DE-ÖKO-001 BCS 10 kg licking stone
Südwestdeutsche Salzwerke AG	Salit Mineral-Leckstein (5 kg)	Ca: 0,6 %, Mg: 0,8 %, Na: 37,5 % ZnO: 800 mg/kg, MnO: 800 mg/kg, Ca(IO <sub>3</sub> ) <sub>2</sub> : 100 mg/kg, Na <sub>2</sub> SeO <sub>3</sub> : 30 mg/kg, CoCO <sub>3</sub> : 30 mg/kg, Sodium chloride, additive premix, magnesium oxide	DE-ÖKO-001 BCS 5 kg licking stone
Südwestdeutsche Salzwerke AG	Salit Mineral-Leckstein extra (5 kg)	P: 1,3 %, Ca: 2,2 %, Mg: 2,4 %, Na: 33,3 % ZnO: 5.000 mg/kg, MnO: 1.500 mg/kg, Ca(IO <sub>3</sub> ) <sub>2</sub> : 120 mg/kg, Na <sub>2</sub> SeO <sub>3</sub> : 30 mg/kg, CoCO <sub>3</sub> : 30 mg/kg, Sodium chloride, monocalcium phosphate, magnesium oxide, calcium carbonate, additive premix	DE-ÖKO-001 BCS 5 kg licking stone

### 6-3-3 Mineral feed for cattle

Company	Tradename	Content, Composition	Animal species, Comments
Agromed	Oilis SD CCB	P: 0,2 %, Ca: 13,4 %, Mg: 1,6 %, Na: 1 % Calcium carbonate, wheat middlings, sepiolite (E562)	25 kg
Crystalix	Crystalix® Organyx Garlic	crude energy: 9,6 MJME/kg, crude protein: 3,5 %, crude fat: 20 g/kg, crude fibre: 2 g/kg, starch and sugar: 35 %, P: 2 %, Ca: 4 %, Mg: 0,2 %, Na: 3 % Dehydrated molasses, monocalcium phosphate, sodium chloride, garlic salt, vegetable fatty acid, trace element premix	GB-ORG-05 Soil Association <i>Energy-rich complementary feed for licking, garlic components support the natural defence against flying insects</i>
Crystalix	Crystalix® Organyx Plus	crude energy: 11 MJME/kg, crude protein: 3 %, crude fat: 2 %, crude fibre: 0,01 %, starch and sugar: 40 %, P: 2 %, Ca: 4 %, Mg: 0,2 %, Na: 2,5 % Cane molasses, monocalcium phosphate, calcium carbonate, sodium chloride, vegetable fatty acid, trace element premix	GB-ORG-05 Soil Association <i>Energy-rich complementary feed for licking. To increase the basic feed intake while covering mineral requirements</i>

Company	Tradename	Content, Composition	Animal species, Comments
esco	SOLSEL® Mineralleckstein EXTRA	Ca: 1,2 %, Mg: 0,1 %, Na: 37 %, Cu: 1.100 mg/kg, Fe: 560 mg/kg, Mn: 6.600 mg/kg, Zn: 8.250 mg/kg, iodine: 100 mg/kg, Se: 25 mg/kg  Sodium chloride, calcium carbonate, 3b603 zinc oxide, 3b502 manganese-(II)-oxide, 3b404 copper(II) oxide, 3b101 iron-(II)-carbonate, 3b202 calcium iodate, 3b801 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
esco	SOLSEL® Mineralleckstein mit Kupfer MULTI	Ca: 2 %, Mg: 0,1 %, Na: 37 %, Cu: 220 mg/kg, Mn: 1.000 mg/kg, Zn: 1.000 mg/kg, iodine: 100 mg/kg, Se: 20 mg/kg  Sodium chloride, calcium carbonate, 3b502 manganese oxide, 3b603 zinc oxide, 3b405 copper(II) sulphate pentahydrate, 3b202 calcium iodate, 3b801 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
esco	SOLSEL® Mineralleckstein ohne Kupfer	Ca: 2 %, Mg: 0,1 %, Na: 37 %, Fe: 200 mg/kg, Mn: 1.000 mg/kg, Zn: 1.000 mg/kg, iodine: 100 mg/kg, Se: 20 mg/kg  Sodium chloride, calcium carbonate, 3b502 manganese oxide, 3b603 zinc oxide, 3b202 calcium iodate, 3b801 sodium selenite, 3b101 iron (II) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone
jbs gmbh	jbs rinderhefe 5-10 b	P: 6,5 %, Ca: 6,5 %, Mg: 11,8 %, Na: 9,3 %  Sodium chloride, calcium sodium phosphate, magnesium phosphate, magnesium oxide, brewer's yeast (inactively dried)	DE-ÖKO-006 ABCERT 20 kg
Lexa	Ö-CA	Ca-Mg-carbonate, sodium chloride, monocalcium phosphate, calcium carbonate, trace and vitamin premixing, sugar cane molasses, wheat middlings	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg big bag; 1.000 kg big bag
Lexa	Ö-Hefe Plus	P: 3,5 %, Ca: 9,1 %, Mg: 3,9 %, Na: 8,1 %, Cu: 2.250 mg/kg, vit. A: 800 * 1000 IU/kg, vit. D: 130 * 1000 IU/kg, vit. E: 3.000 mg/kg	DE-ÖKO-006 ABCERT 20 kg sack, 500 kg bigbag
Lexa	Ö-Lexalin	Monocalcium phosphate, sodium chloride, Ca-Mg-carbonate, sodium bicarbonate, magnesium oxide, wheat middlings, trace and vitamin premixing, sugar cane molasses	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg big bag; 1.000 kg big bag
Lexa	Ö-Rinder Spezial	P: 5 %, Ca: 12,3 %, Mg: 5 %, Na: 9 %, Cu: 2.250 mg/kg, vit. A: 800 * 1000 IU/kg, vit. D: 130 * 1000 IU/kg, vit. E: 3.000 mg/kg	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg bigbag; 1.000 kg bigbag
Lexa	Ö-TMR 15	P: 7 %, Ca: 5,1 %, Mg: 14,1 %, Na: 12,9 %, Cu: 2.250 mg/kg, vit. A: 800 * 1000 IU/kg, vit. D: 130 * 1000 IU/kg, vit. E: 5.000 mg/kg	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg bigbag; 1.000 kg bigbag <i>Suitable also for dry cattle</i>
Lexa	Ö-TMR 6000	Ca-Mg-carbonate, sodium chloride, monocalcium phosphate, calcium carbonate, trace and vitamin premixing, magnesium sulphate, magnesium oxide, sugar cane molasses	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg big bag; 1.000 kg big bag

Company	Tradename	Content, Composition	Animal species, Comments
Olmix GmbH	Z'lick ALGAMAG	P: 2 %, Ca: 4 %, Mg: 10 %, Na: 12 %  Sodium chloride, sugar cane molasses, magnesium oxide, calcium carbonate, monocalcique phosphate, wheat bran (organic), products from the processing of herbs (Fenugreek)	FR-BIO-10 BUREAU VERITAS 20 kg licking bucket
Olmix GmbH	Z'lick ALGATOP	P: 4 %, Ca: 10 %, Mg: 10 %, Na: 8 %  Sugar cane molasses, sodium chloride, magnesium oxide, monocalcique phosphate, wheat bran (organic)	FR-BIO-10 BUREAU VERITAS 20 kg licking bucket
Profuma	Blattin LM Rinder Ö	P: 5,4 %, Ca: 13 %, Mg: 4 %, Na: 11 %  Sodium chloride, dicalcium phosphate, calcium carbonate, organic molasses	DE-ÖKO-006 ABCERT <i>Only be fed to bovine animals up to 0,8 % of the daily ration (88 % dry matter)</i>
R2 Agro	CaliBol Green	Calcium gluconate	DK-ØKO-050 Landbrugs og Fiskeristyrelsen <i>Dietetic mineral calcium bolus for dairy cows for reduction of the risk of milk fever at calving</i>
SaluVet	Urkraft Horn & Haut B	Mg: 2 %  Nettle herb, magnesium oxide, fenugreek seed	DE-ÖKO-006 ABCERT
SaluVet	Ursonne Rinder Laktation B (Pellets)	crude protein: 5,6 %, crude fibre: 7,9 %, P: 7,5 %, Ca: 11,9 %, Mg: 2,4 %, Na: 7,3 %, Cu: 1000 mg/kg, crude ash: 57,3 %  Calcium sodium phosphate, herbs-grass meal, sodium chloride, wheat bran, magnesium oxide, monosodium phosphate, soybean oil, yeast, calcium carbonate	DE-ÖKO-006 ABCERT 25 kg sack <i>With 27 % herbs-active substance complex</i>
SaluVet	Ursonne Rinder Laktation B (Pulver)	crude protein: 3 %, crude fat: 10 g/kg, crude fibre: 3 %, P: 7,2 %, Ca: 16,9 %, Mg: 5,6 %, Na: 5,7 %, Cu: 1.000 mg/kg, vit. A: 800 * 1000 IU/kg, vit. D: 108 * 1000 IU/kg, vit. E: 3100 mg/kg, crude ash: 73 %  Calcium-sodium phosphate, herb-green meal, calcium carbonate, magnesium oxide, calcareous marine algae, sodium chloride, monosodium phosphate, sugar beet molasses	DE-ÖKO-006 ABCERT 25 kg sack <i>With 25 % herbs-active substance complex</i>
SaluVet	Ursonne Rinder Trockensteher B	P: 7,7 %, Ca: 1,1 %, Mg: 10,9 %, Na: 6,4 %, Cu: 1.000 mg/kg, vit. A: 820 * 1000 IU/kg, vit. D: 85 * 1000 IU/kg, vit. E: 4.000 mg/kg	DE-ÖKO-006 ABCERT 25 kg sack <i>With 27 % herbs-active substance complex</i>
<b>6-3-4 Mineral feed for sheep and goats</b>			
Company	Tradename	Content, Composition	Animal species, Comments
Agromed	Oilis SD CCB	P: 0,2 %, Ca: 13,4 %, Mg: 1,6 %, Na: 1 %  Calcium carbonate, wheat middlings, sepiolite (E562)	25 kg

Company	Tradename	Content, Composition	Animal species, Comments
Crystalyx	Crystalyx® Organyx Garlic	crude energy: 9,6 MJME/kg, crude protein: 3,5 %, crude fat: 20 g/kg, crude fibre: 2 g/kg, starch and sugar: 35 %, P: 2 %, Ca: 4 %, Mg: 0,2 %, Na: 3 %  Dehydrated molasses, monocalcium phosphate, sodium chloride, garlic salt, vegetable fatty acid, trace element premix	GB-ORG-05 Soil Association <i>Energy-rich complementary feed for licking, garlic components support the natural defence against flying insects</i>
Crystalyx	Crystalyx® Organyx Plus	crude energy: 11 MJME/kg, crude protein: 3 %, crude fat: 2 %, crude fibre: 0,01 %, starch and sugar: 40 %, P: 2 %, Ca: 4 %, Mg: 0,2 %, Na: 2,5 %  Cane molasses, monocalcium phosphate, calcium carbonate, sodium chloride, vegetable fatty acid, trace element premix	GB-ORG-05 Soil Association <i>Energy-rich complementary feed for licking. To increase the basic feed intake while covering mineral requirements</i>
esco	SOLSEL® Mineralleckstein ohne Kupfer	Ca: 2 %, Mg: 0,1 %, Na: 37 %, Fe: 200 mg/kg, Mn: 1.000 mg/kg, Zn: 1.000 mg/kg, iodine: 100 mg/kg, Se: 20 mg/kg  Sodium chloride, calcium carbonate, 3b502 manganese oxide, 3b603 zinc oxide, 3b202 calcium iodate, 3b801 sodium selenite, 3b101 iron (II) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone
SaluVet	Urkraft Horn & Haut B	Mg: 2 %  Nettle herb, magnesium oxide, fenugreek seed	DE-ÖKO-006 ABCERT

#### 6-3-4-1 Mineral feed for sheep

Company	Tradename	Content, Composition	Animal species, Comments
Olmix GmbH	Z'lick ALGASHEEP	P: 5 %, Ca: 15 %, Mg: 7 %, Na: 4,5 %  Sugar cane molasses, calcium carbonate, dicalcique phosphate, magnesium oxide, monocalcique phosphate, wheat bran (organic)	FR-BIO-10 BUREAU VERITAS 20 kg licking bucket
Olmix GmbH	Z'lick OVICUB	P: 3 %, Ca: 10 %, Mg: 6 %, Na: 18 %  Sodium chloride, calcium carbonate, dicalcique phosphate, magnesium oxide, sugar cane molasses, magnesium phosphate	FR-BIO-10 BUREAU VERITAS 12 kg licking stone
Profuma	Blattin LM Schafe-Ö	P: 5 %, Ca: 14 %, Mg: 4 %, Na: 12,5 %  Sodium chloride, calcium carbonate, dicalcium phosphate, organic molasses, monocalcium phosphate	DE-ÖKO-006 ABCERT <i>Only be fed to sheep up to 0,8 % of the daily ration (88 % dry matter)</i>

#### 6-3-4-2 Mineral feed for goats

Company	Tradename	Content, Composition	Animal species, Comments
esco	SOLSEL® Mineralleckstein EXTRA	Ca: 1,2 %, Mg: 0,1 %, Na: 37 %, Cu: 1.100 mg/kg, Fe: 560 mg/kg, Mn: 6.600 mg/kg, Zn: 8.250 mg/kg, iodine: 100 mg/kg, Se: 25 mg/kg  Sodium chloride, calcium carbonate, 3b603 zinc oxide, 3b502 manganese-(II)-oxide, 3b404 copper(II) oxide, 3b101 iron-(II)-carbonate, 3b202 calcium iodate, 3b801 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone

Company	Tradename	Content, Composition	Animal species, Comments
esco	SOLSEL® Mineralleckstein mit Kupfer MULTI	Ca: 2 %, Mg: 0,1 %, Na: 37 %, Cu: 220 mg/kg, Mn: 1.000 mg/kg, Zn: 1.000 mg/kg, iodine: 100 mg/kg, Se: 20 mg/kg  Sodium chloride, calcium carbonate, 3b502 manganese oxide, 3b603 zinc oxide, 3b405 copper(II) sulphate pentahydrate, 3b202 calcium iodate, 3b801 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
Profuma	Blattimin Ö-Ziegen	P: 5 %, Ca: 15 %, Mg: 4 %, Na: 11,5 %  Calcium carbonate, sodium chloride, monocalcium phosphate, magnesium oxide	DE-ÖKO-006 ABCERT <i>Only be fed to sheep up to 0,8 % of the daily ration (88 % dry matter)</i>
SaluVet	Ursonne Ziegen B	P: 7,5 %, Ca: 11,9 %, Mg: 2,4 %, Na: 5,3 %, Cu: 800 mg/kg, vit. A: 400 * 1000 IU/kg, vit. D: 54 * 1000 IU/kg, vit. E: 750 mg/kg	DE-ÖKO-006 ABCERT 10 kg, 25 kg sack <i>With 25 % herb-active substance complex</i>

### 6-3-5 Mineral feed for horses

Company	Tradename	Content, Composition	Animal species, Comments
esco	SOLSEL® Mineralleckstein EXTRA	Ca: 1,2 %, Mg: 0,1 %, Na: 37 %, Cu: 1.100 mg/kg, Fe: 560 mg/kg, Mn: 6.600 mg/kg, Zn: 8.250 mg/kg, iodine: 100 mg/kg, Se: 25 mg/kg  Sodium chloride, calcium carbonate, 3b603 zinc oxide, 3b502 manganese-(II)-oxide, 3b404 copper(II) oxide, 3b101 iron-(II)-carbonate, 3b202 calcium iodate, 3b801 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
esco	SOLSEL® Mineralleckstein mit Kupfer MULTI	Ca: 2 %, Mg: 0,1 %, Na: 37 %, Cu: 220 mg/kg, Mn: 1.000 mg/kg, Zn: 1.000 mg/kg, iodine: 100 mg/kg, Se: 20 mg/kg  Sodium chloride, calcium carbonate, 3b502 manganese oxide, 3b603 zinc oxide, 3b405 copper(II) sulphate pentahydrate, 3b202 calcium iodate, 3b801 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
esco	SOLSEL® Mineralleckstein ohne Kupfer	Ca: 2 %, Mg: 0,1 %, Na: 37 %, Fe: 200 mg/kg, Mn: 1.000 mg/kg, Zn: 1.000 mg/kg, iodine: 100 mg/kg, Se: 20 mg/kg  Sodium chloride, calcium carbonate, 3b502 manganese oxide, 3b603 zinc oxide, 3b202 calcium iodate, 3b801 sodium selenite, 3b101 iron (II) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone
Lexa	Ö-Pferdemineral	Wheat middlings, calcareous marine algae, monocalcium phosphate, rice meal, sugar cane molasses, sodium chloride, Ca-Mg-carbonate, trace and vitamin premixing, calcium carbonate, soybean oil, magnesium oxide	DE-ÖKO-006 ABCERT 25 kg sack; 9 kg bucket

Company	Tradename	Content, Composition	Animal species, Comments
Mühdorfer Nutrition	Natur Mineral & Vitamine	P: 4 %, Ca: 21 %, Mg: 2 %, Na: 6 %  Calcium carbonate, monocalcium phosphate, sodium chloride, bio-wheat bran, magnesium oxide, bio-molasses, 600.000 i.U. Vit. A, 80.000 i.U. Vit. D3, 2000 mg Vit. E., 50 mg Vit. B1, 200 mg Vit. B2, 150 mg Vit. B6, 1200 mcg Vit. B12, 3000 mcg biotin, 4000 mg zinc oxide, 20 mg selenium	DE-ÖKO-006 ABCERT 3 kg, 10 kg, 25 kg

### 6-3-6 Mineral feed for rabbits

Company	Tradename	Content, Composition	Animal species, Comments
Agromed	Oilis SD CCB	P: 0,2 %, Ca: 13,4 %, Mg: 1,6 %, Na: 1 %  Calcium carbonate, wheat middlings, sepiolite (E562)	25 kg

### 6-3-8 Mineral feed for game

Company	Tradename	Content, Composition	Animal species, Comments
esco	SOLSEL® Mineralleckstein EXTRA	Ca: 1,2 %, Mg: 0,1 %, Na: 37 %, Cu: 1.100 mg/kg, Fe: 560 mg/kg, Mn: 6.600 mg/kg, Zn: 8.250 mg/kg, iodine: 100 mg/kg, Se: 25 mg/kg  Sodium chloride, calcium carbonate, 3b603 zinc oxide, 3b502 manganese-(II)-oxide, 3b404 copper(II) oxide, 3b101 iron-(II)-carbonate, 3b202 calcium iodate, 3b801 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
esco	SOLSEL® Mineralleckstein mit Kupfer MULTI	Ca: 2 %, Mg: 0,1 %, Na: 37 %, Cu: 220 mg/kg, Mn: 1.000 mg/kg, Zn: 1.000 mg/kg, iodine: 100 mg/kg, Se: 20 mg/kg  Sodium chloride, calcium carbonate, 3b502 manganese oxide, 3b603 zinc oxide, 3b405 copper(II) sulphate pentahydrate, 3b202 calcium iodate, 3b801 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
esco	SOLSEL® Mineralleckstein ohne Kupfer	Ca: 2 %, Mg: 0,1 %, Na: 37 %, Fe: 200 mg/kg, Mn: 1.000 mg/kg, Zn: 1.000 mg/kg, iodine: 100 mg/kg, Se: 20 mg/kg  Sodium chloride, calcium carbonate, 3b502 manganese oxide, 3b603 zinc oxide, 3b202 calcium iodate, 3b801 sodium selenite, 3b101 iron (II) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone
esco	SOLSEL® Mineralleckstein WILD	Ca: 0,8 %, Mg: 0,1 %, Na: 38 %, Cu: 1.158 mg/kg, Fe: 503 mg/kg, Mn: 1.000 mg/kg, Zn: 1.071 mg/kg, iodine: 102 mg/kg, Se: 25 mg/kg  Sodium chloride, calcium carbonate	DE-ÖKO-039 GfRS

### 6-3-9 Mineral feed for pigs

Company	Tradename	Content, Composition	Animal species, Comments
Lexa	Ö-MF für Schweine	P: 4 %, Ca: 23,7 %, Mg: 1,5 %, Na: 5,7 %, Cu: 560 mg/kg, vit. A: 200 * 1000 IU/kg, vit. D: 60 * 1000 IU/kg, vit. E: 4.000 mg/kg	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg bigbag; 1.000 kg bigbag

Company	Tradename	Content, Composition	Animal species, Comments
Olmix SA	Ecopiglet	Ca: 4 %, crude ash: 89 % Bentonite, algae, rape seed oil	FR-BIO-10 BUREAU VERITAS

### 6-3-10 Mineral feed for poultry

Company	Tradename	Content, Composition	Animal species, Comments
Agromed	Oilis SD CCB	P: 0,2 %, Ca: 13,4 %, Mg: 1,6 %, Na: 1 % Calcium carbonate, wheat middlings, sepiolite (E562)	25 kg

### 6-3-20 Mineral feed for other animals

Company	Tradename	Content, Composition	Animal species, Comments
Hanse	Bio Kräuter flüssig - Vormischung	Bio-herbs, bio-sugar cane molasses	DE-ÖKO-034 Fachverein 1 l, 5 l, 10 l, 20 l, 600 l, 1.000 l

## 6-4 Complementary feed

Company	Tradename	Content, Composition	Animal species, Comments
Alltech Deutschland	MYCOSORB® ORG	crude protein: 22 %, crude fibre: 0,9 % Calcium carbonate, bentonite	25 kg sacks <i>For ruminants, poultry, pigs</i>
Alltech Deutschland	YEA-SACC® IMMUN FARM ORG	Calcium carbonate, Saccharomyces cerevisiae, Vitamin E	25 kg sacks <i>Dairy cows, sheep, goats</i>
BEWITAL	BEWI-SAN Bewilyt GREEN		DE-ÖKO-003 Lacon  <i>For the stabilization of water and electrolyte balance</i>
BEWITAL	BEWI-SAN Dairylyt GREEN		DE-ÖKO-003 Lacon  <i>For vitalisation directly after calving</i>
BEWITAL	BEWI-SAN Diätmix GREEN		DE-ÖKO-003 Lacon  <i>Stop diarrhoea with natural remedies</i>
BEWITAL	BEWI-SAN Milk+ GREEN		DE-ÖKO-003 Lacon  <i>Valuable supplement to whole milk feeding</i>
BEWITAL	BEWI-SAN Prevent C GREEN		DE-ÖKO-003 Lacon  <i>Safe calf rearing even in case of high infection pressure</i>
BEWITAL	BEWI-SAN Pulmo GREEN		DE-ÖKO-003 Lacon  <i>Supports the calf during inflammatory processes and respiratory tract infections</i>
Heforma	Klinosan	Clinoptilolite, brewer's yeast (non-living), yeast extracts (non-living), feed lime	<i>For breeding sows and piglets. Binds harmful substances, promotes fertility, enhances intestinal stability, improves immunity and cell regeneration</i>

Company	Tradename	Content, Composition	Animal species, Comments
Hofmann Nutrition	IMMUGUARD PPA	crude protein: 41,6 %, crude fat: 31 g/kg, crude fibre: 8 g/kg, P: 1,1 %, Ca: 0,23 %, Mg: 0,2 %, Na: 0,01 %, Cu: 9,2 mg/kg Beer lift, yeast parts	
Hofmann Nutrition	IMMUGUARD R	crude protein: 43,6 %, crude fat: 42 g/kg, crude fibre: 2 g/kg, P: 1,0 %, Ca: 0,24 %, Mg: 0,2 %, Na: 0,01 %, Cu: 9,0 mg/kg Beer lift, yeast parts	
Kanters	Kanters Acid AMY	Formic acid, propionic acid, sorbic acid, lactic acid, sodium chloride	
MikroVeda	ProBiotiX LIFE	crude protein: 0,3 %, crude fat: 1 g/kg, crude fibre: 6 g/kg Drinking water, lactic acid cultures, yeasts: <i>Saccharomyces cerevisiae</i>	DE-ÖKO-037 ÖKOP
Mühdorfer Nutrition	Mühdorfer Bio-Classic	crude protein: 7,5 %, crude fat: 54 g/kg, crude fibre: 57 g/kg Organic barley, organic oat hulling bran pellets, organic grain maize	DE-ÖKO-006 ABCERT 20 kg, 700 kg
Tremonis	naturaVit purpur	Brewer's yeast, sodium chloride	
Vetro Star	ÖKUH MEDO-VIT	crude protein: 20,7 %, Na: 2,9 % Oatmeal, sodium bicarbonate, brewer's yeast, sodium chloride, linseed oil	
VUXXX	PROPELLER®	Na: 0,2 %, crude ash: 12 % Calcium gluconate, sodium chloride	<i>The first calcium drink. 1 pack = 4 bags</i>

#### 6-4-1 Complementary feed for all species

Company	Tradename	Content, Composition	Animal species, Comments
Christoph Fischer	Chiemgauer Fermentierter Kräutereextrakt (CFKE) Bio	crude protein: < 0,5 %, crude fat: < 1 %, crude fibre: < 0,3 % Water, Multitop effective microorganisms, sugar cane molasses	<i>Strengthening of the gastrointestinal tract through the regenerative microbial community, application fields: feeding, silage, hay harvesting, fogging in the stable</i>
DAEM ECO	Panbonis® 10 GREEN	crude protein: 0,18 %, crude fat: 50 g/kg Wheat feed flour, solanum glaucophyllum	CH-BIO-004 IMO <i>To support the vitamin D effect</i>
DOSTOFARM	DOSTO® Drink 4Green	crude fibre: < 0,5 %, crude ash: 1,7 % Organic glucose, sodium chloride, natural essential oregano oil (flavouring)	DE-ÖKO-006 ABCERT 2 kg bucket <i>Complementary feed for poultry, pigs, calves, piglets, lambs, kids</i>
Egger	Metabion®-MSB Bio	crude protein: 22,5 %, crude fat: 4,9 %, crude fibre: 2,8 %, Na: 0,5 %, crude ash: 7,5 % Fermented bio-soya, bio-whey powder	AT-BIO-301 ABG
EM Technologiezentrum	CarboSan		DE-ÖKO-003 Lacon <i>Complementary feed with original effective microorganisms</i>



Company	Tradename	Content, Composition	Animal species, Comments
Hofmann Nutrition	IMMUGUARD	DM: 93 %, crude protein: 46,6 %, crude fat: 1,9 %, crude fibre: 0,2 %, starch: 14,73 % Brewer's yeast, yeast extract	CH-BIO-006 bioInspecta
MikroVeda	ProBiotiX LIFE	crude protein: 0,3 %, crude fat: 1 g/kg, crude fibre: 6 g/kg Drinking water, lactic acid cultures, yeasts: <i>Saccharomyces cerevisiae</i>	DE-ÖKO-037 ÖKOP
Multikraft	Multikraft Fermentierter Kräutereextrakt	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 % Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG 1 l, 5 l, 10 l, 25 l, 200 l, 500 l, 1.000 l <i>Complementary feed to increase appetite</i>
Multikraft	Multitop	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 % Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 10 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 % Organic wheat bran, water, organic spelt, sugar cane molasses, organic sunflower oil	AT-BIO-301 ABG 20 kg <i>Complementary feed to increase appetite</i>
Nuproxa	Natu B4 (Choline) EU	crude protein: 7 %, crude fat: 25 g/kg, crude fibre: 210 g/kg	
Nuproxa	OptiLysin EU	crude protein: 14 %, crude fat: 30 g/kg, crude fibre: 120 g/kg	
Nuproxa	OptiMethione EU	crude protein: 7 %, crude fat: 25 g/kg, crude fibre: 210 g/kg	
Nuproxa	PeptaSan EU	crude protein: 4 %, crude fat: 20 g/kg, crude fibre: 150 g/kg	
Oreganofarm	Oreganofarm 1% -TMR-Ergänzer	crude ash: 90,8 % calcium carbonate, oregano oil, sodium chloride	DE-ÖKO-006 ABCERT
Oreganofarm	Oreganofarm 5% -Granulat	crude ash: 90,8 % calcium carbonate, oregano oil, sodium chloride	DE-ÖKO-006 ABCERT
TVA	KE-agrar	crude energy: 0,29 MJME/kg, crude protein: 0,2 %, crude fibre: 2 g/kg, starch and sugar: 0,172 %, nXP: 0,1 g/kg, RNB: 0,016 g/kg Bio molasses, salt, herbal juice	AT-BIO-301 ABG

#### 6-4-2 Complementary feed for roughage consumers

Company	Tradename	Content, Composition	Animal species, Comments
Biodevas	DRAISTIM SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Mg: < 0,5 %, Na: 0,02 % Mixture of natural, aromatic substances, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT
Biodevas	FLORISEPT SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Mg: < 0,05 %, Na: 0,02 % Mixture of natural, aromatic substances, magnesium chloride, sodium chloride	FR-BIO-01 ECOCERT

Company	Tradename	Content, Composition	Animal species, Comments
Biodevas	PARASYNE SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Mg: < 0,5 %, Na: 0,02 %  Mixture of natural, aromatic substances, magnesium chloride, sodium chloride	FR-BIO-01 ECOCERT
Biodevas	PARLAC SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Mg: < 0,5 %, Na: 0,02 %  Mixture of natural, aromatic substances, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT
<b>6-4-3 Complementary feed for cattle</b>			
Company	Tradename	Content, Composition	Animal species, Comments
Biodevas	PIETIX SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Mg: < 0,5 %, Na: 0,02 %  mixture of natural, aromatic substances, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT
Biodevas	PIETIX-L	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Ca: 30 %, Mg: 2 %, crude ash: 92 %  Lithotham, mixture of natural, aromatic substances, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT
cdVet	TurboBronchial B-P	Mixture of highly concentrated oils (eucalyptus, sage, aniseed, caraway, thyme), aroma substances of purely natural origin (essential oils)	DE-ÖKO-001 BCS  <i>For nutritional support of respiratory condition and stimulation of feed intake</i>
cdVet	TurboBronchial Liquid	Mixture of highly concentrated oils (eucalyptus, sage, aniseed, caraway, thyme), aroma substances of purely natural origin (essential oils)	DE-ÖKO-001 BCS  <i>Stimulation of feed intake for stocks with a sensitive respiratory tract</i>
CID LINES	Agrocid Super FD	Na: 4,2 % Formic acid, lactic acid, sorbic acid, sodium chloride, potassium chloride	<i>Acidifier and supplement of mineral and trace elements in drinking water, feed and liquid feed of pigs and poultry</i>
Crystalyx	Crystalyx® Organyx Garlic	crude energy: 9,6 MJME/kg, crude protein: 3,5 %, crude fat: 20 g/kg, crude fibre: 2 g/kg, starch and sugar: 35 %, P: 2 %, Ca: 4 %, Mg: 0,2 %, Na: 3 %  Dehydrated molasses, monocalcium phosphate, sodium chloride, garlic salt, vegetable fatty acid, trace element premix	GB-ORG-05 Soil Association  <i>Energy-rich complementary feed for licking, garlic components support the natural defence against flying insects</i>
Crystalyx	Crystalyx® Organyx Plus	crude energy: 11 MJME/kg, crude protein: 3 %, crude fat: 2 %, crude fibre: 0,01 %, starch and sugar: 40 %, P: 2 %, Ca: 4 %, Mg: 0,2 %, Na: 2,5 %  Cane molasses, monocalcium phosphate, calcium carbonate, sodium chloride, vegetable fatty acid, trace element premix	GB-ORG-05 Soil Association  <i>Energy-rich complementary feed for licking. To increase the basic feed intake while covering mineral requirements</i>
EMIKO	EMIKO® Ergänzungsfuttermittel	crude protein: < 0,4 %, crude fat: < 0,4 %, crude fibre: < 0,4 %, Na: 0,31 %	DE-ÖKO-006 ABCERT 10 l, 25 l, 200 l, 1.000 l
Inwa	Katziener Wasser	NaCl and informed water	DE-ÖKO-039 GfRS 2,5 l

Company	Tradename	Content, Composition	Animal species, Comments
Multikraft	Multikraft Fermentierter Kräutereextrakt	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 %  Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG 1 l, 5 l, 10 l, 25 l, 200 l, 500 l, 1.000 l <i>Complementary feed to increase appetite</i>
Multikraft	Multitop	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 %  Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 10 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 %  Organic wheat bran, water, organic spelt, sugar cane molasses, organic sunflower oil	AT-BIO-301 ABG 20 kg <i>Complementary feed to increase appetite</i>
NutraPet Systems	NutraPro® FarmAnimal	E. faecium, wheat bran, dextrose, calcium carbonate	<i>Probiotic complementary feed</i>
Profuma	Blattisan Ö-Atem Fit	crude protein: 34,5 %, crude fat: 2,1 %, P: 1,1 %, Ca: 2 %, Na: 3,5 %  Brewer's yeast, sodium chloride, calcium carbonate	DE-ÖKO-006 ABCERT <i>For dairy cows: 80 g per animal per day; beef cattle: 40-60 g per animal per day; calves: 25 g per animal per day; pigs: add 1 % to the feed</i>
SaluVet	Ferm B	crude protein: 4 %, crude fat: 5 g/kg, crude fibre: 30 g/kg	DE-ÖKO-006 ABCERT Packaging: 3 kg, 10 kg <i>Dietary supplement to stabilize the water and electrolyte balance to support physiological digestion</i>
SaluVet	Ketosan® B	DM: 50 %, crude protein: 0,4 %, Na: 7 %  Sodium carbonate, concentrate of 7 herbal active substances, organic molasses	DE-ÖKO-006 ABCERT 5 l, 25 l <i>Dietary supplement feed for reducing the risk of ketosis/ acetonemia</i>
SaluVet	PareSan® Calcium B	crude fat: 10 g/kg, crude fibre: 17,5 g/kg, Ca: 6,5 % Calcium gluconate, sugar from sugar beet	DE-ÖKO-006 ABCERT Vit. D3: 17,5 x 1.000 IE/kg <i>Dietary supplement for reducing the risk of milk fever</i>
SaluVet	PhosphorSan® B	crude protein: 4 %, crude fibre: 45 g/kg, P: 12 %, Ca: 8 %, Mg: 4 %, Na: 6,5 %  Monosodium phosphate, calcium sodium phosphate, herb-grass meal, magnesium sulphate, molasses, magnesium oxide	DE-ÖKO-006 ABCERT <i>For the focused phosphorus and magnesium supply of the cow</i>
SaluVet	Urkraft Laktation B (Pulver und Pellets)	crude fibre: 197 g/kg	DE-ÖKO-006 ABCERT 25 kg sack <i>Crude fat content: as powder 30 g/kg, as pellets 59 g/kg Crude protein content: as a powder 12,5 %, as pellets 12 %</i>

#### 6-4-4 Complementary feed for sheep and goats

Company	Tradename	Content, Composition	Animal species, Comments
Crystalyx	Crystalyx® Organyx Garlic	crude energy: 9,6 MJME/kg, crude protein: 3,5 %, crude fat: 20 g/kg, crude fibre: 2 g/kg, starch and sugar: 35 %, P: 2 %, Ca: 4 %, Mg: 0,2 %, Na: 3 %  Dehydrated molasses, monocalcium phosphate, sodium chloride, garlic salt, vegetable fatty acid, trace element premix	GB-ORG-05 Soil Association <i>Energy-rich complementary feed for licking, garlic components support the natural defence against flying insects</i>
Crystalyx	Crystalyx® Organyx Plus	crude energy: 11 MJME/kg, crude protein: 3 %, crude fat: 2 %, crude fibre: 0,01 %, starch and sugar: 40 %, P: 2 %, Ca: 4 %, Mg: 0,2 %, Na: 2,5 %  Cane molasses, monocalcium phosphate, calcium carbonate, sodium chloride, vegetable fatty acid, trace element premix	GB-ORG-05 Soil Association <i>Energy-rich complementary feed for licking. To increase the basic feed intake while covering mineral requirements</i>
EMIKO	EMIKO® Ergänzungsfuttermittel	crude protein: < 0,4 %, crude fat: < 0,4 %, crude fibre: < 0,4 %, Na: 0,31 %	DE-ÖKO-006 ABCERT 10 l, 25 l, 200 l, 1.000 l
Multikraft	Multikraft Fermentierter Kräutereextrakt	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 %  Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG 1 l, 5 l, 10 l, 25 l, 200 l, 500 l, 1.000 l <i>Complementary feed to increase appetite</i>
Multikraft	Multitop	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 %  Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 10 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 %  Organic wheat bran, water, organic spelt, sugar cane molasses, organic sunflower oil	AT-BIO-301 ABG 20 kg <i>Complementary feed to increase appetite</i>

#### 6-4-4-1 Complementary feed for sheep

Company	Tradename	Content, Composition	Animal species, Comments
SaluVet	Ketosan® B	DM: 50 %, crude protein: 0,4 %, Na: 7 %  Sodium carbonate, concentrate of 7 herbal active substances, organic molasses	DE-ÖKO-006 ABCERT 5 l, 25 l <i>Dietary supplement feed for reducing the risk of ketosis/ acetonemia</i>
SaluVet	Ursonne Schafe B	P: 4,3 %, Ca: 10,5 %, Na: 8 %  Herbal green flour, sodium chloride, sugarcane molasses	DE-ÖKO-006 ABCERT

#### 6-4-5 Complementary feed for horses

Company	Tradename	Content, Composition	Animal species, Comments
cdVet	TurboBronchial Liquid	Mixture of highly concentrated oils (eucalyptus, sage, aniseed, caraway, thyme), aroma substances of purely natural origin (essential oils)	DE-ÖKO-001 BCS <i>Stimulation of feed intake for stocks with a sensitive respiratory tract</i>

**6-4-9 Complementary feed for pigs**

Company	Tradename	Content, Composition	Animal species, Comments
cdVet	TurboBronchial B-P	Mixture of highly concentrated oils (eucalyptus, sage, aniseed, caraway, thyme), aroma substances of purely natural origin (essential oils)	DE-ÖKO-001 BCS <i>For nutritional support of respiratory condition and stimulation of feed intake</i>
cdVet	TurboBronchial Liquid	Mixture of highly concentrated oils (eucalyptus, sage, aniseed, caraway, thyme), aroma substances of purely natural origin (essential oils)	DE-ÖKO-001 BCS <i>Stimulation of feed intake for stocks with a sensitive respiratory tract</i>
EMIKO	EMIKO® Ergänzungsfuttermittel	crude protein: < 0,4 %, crude fat: < 0,4 %, crude fibre: < 0,4 %, Na: 0,31 %	DE-ÖKO-006 ABCERT 10 l, 25 l, 200 l, 1.000 l
Inwa	Katziener Wasser	NaCl and informed water	DE-ÖKO-039 GfRS 2,5 l
Multikraft	Multikraft Fermentierter Kräuterextrakt	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 %  Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG 1 l, 5 l, 10 l, 25 l, 200 l, 500 l, 1.000 l <i>Complementary feed to increase appetite</i>
Multikraft	Multitop	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 %  Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 10 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 %  Organic wheat bran, water, organic spelt, sugar cane molasses, organic sunflower oil	AT-BIO-301 ABG 20 kg <i>Complementary feed to increase appetite</i>
Profuma	Blattisan Ö-Atem Fit	crude protein: 34,5 %, crude fat: 2,1 %, P: 1,1 %, Ca: 2 %, Na: 3,5 %  Brewer's yeast, sodium chloride, calcium carbonate	DE-ÖKO-006 ABCERT <i>For dairy cows: 80 g per animal per day; beef cattle: 40-60 g per animal per day; calves: 25 g per animal per day; pigs: add 1 % to the feed</i>
Profuma	Blattisan Ö-Säure Fit	crude protein: 21,2 %, crude fat: 1,3 %, crude fibre: 1 %  Brewer's yeast, calcium carbonate	DE-ÖKO-006 ABCERT <i>Weaned piglets, sows, fattening pigs: 0,5-2 % added to feed; poultry: 0,5-2 % added to feed</i>
Schippers	MS Goldfeed Welfare	Formic acid, sodium carbonate	

**6-4-10 Complementary feed for poultry**

Company	Tradename	Content, Composition	Animal species, Comments
Biodevas	ASCAROM L	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Ca: 30 %, Mg: 2 %, crude ash: 92 %  Lithotham, vitamin C, mixture of natural, aromatic substances, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT

Company	Tradename	Content, Composition	Animal species, Comments
Biodevas	ASCAROM SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %  Mixture of natural aromatic substances, vitamin C, magnesium chloride, sodium chloride	FR-BIO-01 ECOCERT <i>Contains synthetic vitamins - permitted only in the case of confirmed need by the veterinarian</i>
Biodevas	CORLI SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %  Water, vitamin C, mixture of natural, aromatic substances, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT
Biodevas	DH-13 L	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Ca: 30 %, Mg: 2,24 %, crude ash: 92 %  Lithotham, vitamin C, magnesium chloride, mixture of natural aromatic substances, sodium chloride	FR-BIO-01 ECOCERT
Biodevas	DH-13 SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %  Mixture of natural aromatic substances, magnesium chloride, vitamin C, sodium chloride	FR-BIO-01 ECOCERT
Biodevas	DRAINIX SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %  Water, mixture of natural, aromatic substances, vitamin C, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT
Biodevas	ENTERIA SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %  Mixture of natural aromatic substances, magnesium chloride, vitamin C, sodium chloride	FR-BIO-01 ECOCERT
Biodevas	HEPADYN SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %  Mixture of natural aromatic substances, vitamin C, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT
Biodevas	MITAROM L	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Ca: 30 %, Mg: 2 %, crude ash: 92 %  Lithotham, mixture of natural aromatic substances, vitamin C, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT
Biodevas	MITAROM SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %  Mixture of natural aromatic substances, vitamin C, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT

Company	Tradename	Content, Composition	Animal species, Comments
Biodevas	V.V-04-14 L	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Ca: 30 %, Mg: 2,7 %, crude ash: 92 %  Lithothamne and Maerl, mixture of natural, aromatic substances, magnesium chloride (0,6 %), vitamin C, sodium chloride (0,05 %)	FR-BIO-01 ECOCERT
Biodevas	VOLAROM SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %  Mixture of natural aromatic substances, magnesium chloride, vitamin C, sodium chloride	FR-BIO-01 ECOCERT
Biodevas	ZENICALM SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %  Mixture of natural, aromatic substances, vitamin C, sodium chloride, magnesium chloride	FR-BIO-01 ECOCERT
cdVet	TurboBronchial Liquid	Mixture of highly concentrated oils (eucalyptus, sage, aniseed, caraway, thyme), aroma substances of purely natural origin (essential oils)	DE-ÖKO-001 BCS <i>Stimulation of feed intake for stocks with a sensitive respiratory tract</i>
CID LINES	Agrocid Super FD	Na: 4,2 %  Formic acid, Lactic acid , sorbic acid, sodium chloride, potassium chloride	<i>Acidifier and supplement of mineral and trace elements in drinking water, feed and liquid feed of pigs and poultry</i>
EMIKO	EMIKO® Ergänzungsfuttermittel	crude protein: < 0,4 %, crude fat: < 0,4 %, crude fibre: < 0,4 %, Na: 0,31 %	DE-ÖKO-006 ABCERT 10 l, 25 l, 200 l, 1.000 l
Multikraft	Multikraft Fermentierter Kräuterextrakt	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 %  Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG 1 l, 5 l, 10 l, 25 l, 200 l, 500 l, 1.000 l <i>Complementary feed to increase appetite</i>
Multikraft	Multitop	crude protein: 0,3 %, crude fat: 0,1 %, crude fibre: 0,6 %, crude ash: 1,3 %  Water, sugar cane molasses, organic lactose powder	AT-BIO-301 ABG <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 10 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 %  Organic wheat bran, water, organic spelt, sugar cane molasses, organic sunflower oil	AT-BIO-301 ABG 20 kg <i>Complementary feed to increase appetite</i>
NOR-FEED	Nor-Mite® Liquid	crude ash: 1,2 %  Magnesium chloride, sodium chloride, crude organic soy lecithin, water	FR-BIO-10 BUREAU VERITAS
NutraPet Systems	NutraPro® FarmAnimal	E. faecium, wheat bran, dextrose, calcium carbonate	<i>Probiotic complementary feed</i>
Profuma	Blattisan Ö-Säure Fit	crude protein: 21,2 %, crude fat: 1,3 %, crude fibre: 1 % Brewer's yeast, calcium carbonate	DE-ÖKO-006 ABCERT <i>Weaned piglets, sows, fattening pigs: 0,5-2 % added to feed; poultry: 0,5-2 % added to feed</i>
Schippers	MS Goldfeed Welfare	Formic acid, sodium carbonate	

Company	Tradename	Content, Composition	Animal species, Comments
Schippers	MS Greenfeed Hen Comfort	crude protein: 0,31 %, crude fibre: 0,1 %, crude ash: 1 %  Sodium bicarbonate, sodium chloride, mixture of flavouring compounds	
THESEO	EWA® Shield	Plant extracts	<i>100 % natural feed supplement for improved fly and mite control, preferably for laying hens</i>

#### 6-4-10-2 Complementary feed for layer hens

Company	Tradename	Content, Composition	Animal species, Comments
Deutsche Vilomix - Vilofoss	MeidArom ÖVO		DE-ÖKO-060 QAL <i>Complementary feedstuff for laying hens based on natural essential oils. Pests avoid the proximity of these hens, as their specific smell is altered</i>
Freriks	PPF REDUMIN		<i>Supplementary feed for laying hens against mites</i>

#### 6-4-11 Complementary feed for fish

Company	Tradename	Content, Composition	Animal species, Comments
TVA	KE-fish	DM: 1,7 %, crude protein: 0,2 %, crude fibre: 0,2 %, Na: 0,031 % Bio-molasses, salt (non-iodised), herbs	AT-BIO-301 ABG 5 l

#### 6-4-20 Complementary feed for other animals

Company	Tradename	Content, Composition	Animal species, Comments
BIOCO	BIOCO-Dur	crude protein: 4,2 %, crude fat: 2,4 %, crude fibre: 16,9 %, sugar: 18,1 %, K: 0,5 %, Na: 1,5 %, Cl: 2,5 %, crude ash: 5,5 %	DE-ÖKO-037 ÖKOP 2,5 kg bucket <i>Dietary supplements for calves, piglets, lambs and foals. For stabilizing the water and electrolyte balance</i>
cdVet	TurboBronchial	Blend of aromatic substances	DE-ÖKO-001 BCS <i>Stimulation of feed intake for respiratory tract sensitive inventory, improves as feed additive smell or tastiness</i>
Lexa	Ö-LEXAVIT® Kälber-Spezial	Brewer's yeast, linseed cake, spray whey powder, pregelatinized wheat flour, sodium bicarbonate, trace and vitamin premixing, sodium chloride (without flow aids), soybean oil	DE-ÖKO-006 ABCERT 20 kg sack; 100 kg sack <i>Has a stabilizing effect on the sensitive gastrointestinal system of both newborn and older calves</i>
Lexa	Ö-Profi Trank	Brewer's yeast, spray whey powder, wheat middlings, linseed cake, trace and vitamin premixing, pregelatinized wheat flour, calcareous marine algae, soybean oil, sodium chloride (without flow aids)	DE-ÖKO-006 ABCERT 25 kg sack <i>Promotes the development of villi in the rumen and intestine and in this way ensures an earlier roughage uptake and improved digestion</i>



## 6-5 Single feed

Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz	Ca: 0,5 %, Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS
esco	esco Viehsalz jodiert	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS
Schneider	Premium Futterkalk 98	Ca: 39 % Calcium carbonate	<i>Feed limestone meal: 0,00-0,09 mm grain size   feed meal: 0,09-0,71 mm grain size   feed semolina: 0,71-1,20 mm grain size   chicken-peck feed: 2,80-4,00 mm grain size</i>
Südwestdeutsche Salzwerke AG	Berchtesgadener Natursalz	Na: 36 % Rock salt	DE-ÖKO-006 ABCERT 25 kg
Südwestdeutsche Salzwerke AG	Salit Einzelfuttermittel Natriumchlorid Siedesalz	Na: 39 % Sodium chloride	DE-ÖKO-006 ABCERT Bigbag 1.000 kg or loose in the train silo
VUXXX	pH-PILL	Na: 25 % Sodium bicarbonate	<i>The first bicarbonate pill for cows. 1 pack = 4 pills</i>
VUXXX	P-PILL	P: 15 %, Na: 11 % Monosodium phosphate	<i>The first phosphorus pill. 1 pack = 4 pills</i>

### 6-5-1 Single feed for all species

Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz	Ca: 0,5 %, Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS
esco	esco Viehsalz jodiert	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS
esco	esco Viehsalz NATUR	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 25 kg, 50 kg
Müllerkalk	Futterkalk	Ca: 37,46 % Limestone meal	<i>Carbonated feed lime 95, grinding fineness 0.00-0.09 mm / 0.10-0.80 mm / 0.30-2.00 mm</i>
Otterbein	Subacal	Ca: 36 % Calcium carbonate	<i>Carbonic acid feed lime, fine-ground or fine-grained</i>
Ralinger Salz	basu-kraft® Naturreiner Salzleckstein	Na: 38,7 % Sodium chloride	PL-EKO-02 PNG Sp. z o.o.
Ralinger Salz	Naturreiner Salzkristall, gesackt 25 und 50 kg	Na: 39,15 % Sodium chloride	PL-EKO-02 PNG Sp. z o.o.
Ralinger Salz	Naturreines Steinsalz	Ca: 0,5 %, Na: 39,15 % Sodium chloride, calcium	PL-EKO-02 PNG Sp. z o.o.
Ralinger Salz	Raiffeisen Salzleckstein	Na: 39,15 % Sodium chloride	PL-EKO-02 PNG Sp. z o.o.

Company	Tradename	Content, Composition	Animal species, Comments
Ralinger Salz	Ralinger Salzleckstein	Na: 39,15 % Sodium chloride	PL-EKO-02 PNG Sp. z o.o.
Schön	Dolomitmehl Ultra	CaO: 30,8 %, MgO: 21,5 %	
VKD	Hefezellwände	crude protein: < 35 % Yeast cell walls	25 kg, 600 kg <i>For all animal species</i>

#### 6-5-2 Single feed for roughage consuming animals

Company	Tradename	Content, Composition	Animal species, Comments
Südwestdeutsche Salzwerke AG	Salec Salz-Leckstein natur	Na: 38,5 % Rock salt	DE-ÖKO-001 BCS 10 kg
Südwestdeutsche Salzwerke AG	Salit natur Einzelfuttermittel Natriumchlorid	Na: 38,5 % Rock salt	DE-ÖKO-006 ABCERT 25 kg
Südwestdeutsche Salzwerke AG	Salit Salz-Leckstein (10 kg)	Na: 39 % Evaporated salt	DE-ÖKO-001 BCS 10 kg licking stone
Südwestdeutsche Salzwerke AG	Salit Salz-Leckstein (5 kg)	Na: 39 % Evaporated salt	DE-ÖKO-001 BCS 5 kg licking stone
Südwestdeutsche Salzwerke AG	Salit Salz-Leckstein natur (10 kg)	Na: 38,5 % Rock salt	DE-ÖKO-001 BCS 10 kg licking stone
Südwestdeutsche Salzwerke AG	Salit Salz-Leckstein natur (5 kg)	Na: 38,5 % Rock salt	DE-ÖKO-001 BCS 5 kg licking stone

#### 6-5-3 Single feed for cattle

Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz NATUR	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 25 kg, 50 kg
esco	SOLSEL® Salzleckstein	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 5 kg, 10 kg, 25 kg licking stone
Schön	Karpaten-Steinsalz-Bergkern	Cu: 0,2 mg/kg Rock salt	

#### 6-5-4 Single feed for sheep and goats

Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz NATUR	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 25 kg, 50 kg
esco	SOLSEL® Salzleckstein	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 5 kg, 10 kg, 25 kg licking stone
Schön	Karpaten-Steinsalz-Bergkern	Cu: 0,2 mg/kg Rock salt	

<b>6-5-5 Single feed for horses</b>			
Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz NATUR	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 25 kg, 50 kg
esco	SOLSEL® Salzleckstein	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 5 kg, 10 kg, 25 kg licking stone
Mühdorfer Nutrition	Bio-Heucobs	crude protein: 10,4 %, crude fat: 2 %, crude fibre: 30 %	DE-ÖKO-006 ABCERT 20 kg container and 800 kg big bag
Schön	Karpaten-Steinsalz- Bergkern	Cu: 0,2 mg/kg Rock salt	

<b>6-5-8 Single feed for game</b>			
Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz NATUR	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 25 kg, 50 kg
esco	SOLSEL® Salzleckstein	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 5 kg, 10 kg, 25 kg licking stone
Schön	Karpaten-Steinsalz- Bergkern	Cu: 0,2 mg/kg Rock salt	

<b>6-5-10 Single feed for poultry</b>			
Company	Tradename	Content, Composition	Animal species, Comments
Klose und Debus	eivolution Kalkgrit Futterkalk für Geflügel	Ca: 39 % Calcium carbonate	<i>Lime grit slowly dissolves in the stomach. This results in a particularly long-lasting lime supply for laying hens and quails (grain size 2,8-4 mm)</i>
Klose und Debus	eivolution Magenkiesel Magensteine für Geflügel	Quartz pebbles	<i>Unbroken, acid-insoluble quartz pebbles (washed, dried in a hot-air oven) for the natural support of feed conversion</i>
Rheinkalk Lhoist	Faunacal®	Ca: 32-38 % Calcium carbonate	
Schneider	Magensteine für Hochleistungshühner	Silicate pebbles	<i>Stomach stones are wiped and heated. As a result, they are hygienic, lead to improved feed conversion and are insoluble in acid</i>

<b>6-5-20 Single feed for other animals</b>			
Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz NATUR	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 25 kg, 50 kg

Company	Tradename	Content, Composition	Animal species, Comments
esco	SOLSEL® Salzleckstein	Na: 39 %  Sodium chloride	DE-ÖKO-039 GfRS 5 kg, 10 kg, 25 kg licking stone

## 6-6 Products for silage preparation

Company	Tradename	Content, Composition	Animal species, Comments
jbs gmbh	harvest INTERNATIONAL® duo	Silage bacteria, maltodextrin	<i>Biological silage preparation to improve fermentation and stability; suitable for all animal species</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
jbs gmbh	SiloSolve® FC EKO		<i>Biological silage additive to improve fermentation and stability. Silage is suitable for all animal species</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
Karner	AKRA Siliermittel	Sugar cane molasses, lactic acid bacterial strains	<b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
Novagrar	Fibrosil Duo	Lactic acid bacteria	<i>200,000 CFU lactic acid bacteria/g silage material</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
Tekro	Tekrosil L 150	Pediococcus acidilactici, Lactobacillus plantarum	KEZ certified  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>

### 6-6-1 Products for improvement of the fermentation process

Company	Tradename	Content, Composition	Animal species, Comments
ADDCON	Kofasil Duo	Preparation of microorganisms	<i>Improved fermentation quality and aerobic stability</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>

Company	Tradename	Content, Composition	Animal species, Comments
ADDCON	Kofasil Lac	Preparation of microorganisms	<i>Silaging of fodder plants. DLG quality certification cat. 1B / 1C / 4B</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
ADDCON	Kofasil Lac Granulat	Preparation of microorganisms	<i>Silaging of fodder plants</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
ADDCON	Kofasil S	Microorganism preparation	<i>To ensure the aerobic stability of silages; DLG quality certification cat. 2</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
Bergophor	BERGO® Lactosil Duo	Lactobacillus plantarum, Lactobacillus buchneri	<i>Microorganism preparation for improving the fermentation quality and aerobe stability</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
Bergophor	BERGO® Lactosil Fresh	Lactobacillus buchneri	<i>Microorganism preparation for improving the fermentation quality and aerobe stability</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
Calvatis	calgonit Si Pro	Natural lactic acid bacteria and enzymes	<i>DLG quality certification</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
DeLaval GmbH	FEEDTECH F600	Microorganism preparation	<b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
EM Technologiezentrum	CarboSil		<i>Silage additive with effective microorganisms</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>

Company	Tradename	Content, Composition	Animal species, Comments
EMIKO	EM-Silan®	Water, sugar cane molasses, microorganisms	Suitable for organic animal husbandry, certified by ABCERT  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
EMIKO	EM-Silo®	Water, sugar cane molasses, microorganisms	Suitable for organic animal husbandry, certified by ABCERT  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
MikroVeda	MikroVeda® BOVISIL	Water, microorganisms	DE-ÖKO-037 ÖKOP <i>Preparation of microorganisms for the improvement of silages</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
Multikraft	MK Multisil	Water, sugar cane molasses, microorganisms	AT-BIO-301 ABG <i>Premixture with silage additives; for improving aerobic stability</i>  <b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>

## 6-7 Primary Feed materials

Company	Tradename	Content, Composition	Animal species, Comments
Klose und Debus	eivolution Kalkgrit Futterkalk für Geflügel	Ca: 39 % Calcium carbonate	<i>Lime grit slowly dissolves in the stomach. This results in a particularly long-lasting lime supply for laying hens and quails (grain size 2,8-4 mm)</i>
Schön	Karpaten-Steinsalz-Bergkern	Cu: 0,2 mg/kg Rock salt	

### 6-7-1 Feed materials of plant origin

#### 6-7-1-5 Marine algae meal

Company	Tradename	Content, Composition	Animal species, Comments
Snoek GmbH	SNOEKs Futtermittelalgen		<i>Strengthens the natural immunological defence and stimulates the metabolism</i>

**6-7-1-7 Herbs and spices**

Company	Tradename	Content, Composition	Animal species, Comments
Egger	Krenkondensat	crude fibre: 0,5 g/kg Horseradish condensate	<i>Condensate obtained during the drying of horseradish roots.</i>
<b>Max. 1 % of annual feed ration</b>			

**6-7-1-10 Other feed materials of plant origin**

Company	Tradename	Content, Composition	Animal species, Comments
Egger	Metabion® -Liquid Bio	crude fibre: 0,5 g/kg	AT-BIO-301 ABG <i>Condensate obtained during the drying of fermented vegetable substances</i>

**6-7-3 Feed materials of mineral origin**

Company	Tradename	Content, Composition	Animal species, Comments
Kohaupt	Rakonit Grit	Calcium carbonate	
Otterbein	Subacal	Ca: 36 % Calcium carbonate	<i>Carbonic acid feed lime, fine-ground or fine-grained</i>
VUXXX	Bi-PILL	Na: 25 % Sodium bicarbonate	<i>The first bicarbonate pill for calves. 1 pack = 20 pills</i>

**6-7-3-1 Sea salt and rock salt**

Company	Tradename	Content, Composition	Animal species, Comments
AGRAREngel	Riwa Pferd	Mg: 0,06 %, Na: 32 % NaCl: 99,7 %, Sea salt	
AGRAREngel	Riwa Plus für Ferkel und Mastschweine	Mg: 0,06 %, Na: 32 % NaCl: 99,7 %, Sea salt	
AGRAREngel	Riwa Ri für Kühe, Rinder und Kälber	Mg: 0,06 %, Na: 32 % NaCl: 99,7 %, Sea salt	
AGRAREngel	Riwa Z für Zuchtsauen	Mg: 0,06 %, Na: 32 % NaCl: 99,7 %, Sea salt	
BioAktiv	BioAktiv Professional Salis Comp-X	Pure sodium chloride	<i>Strengthens the immune system of the piglets, healthy intestinal flora, higher stress tolerance</i>
BioAktiv	BioAktiv Professional Salis Geflügel	Pure sodium chloride	1 kg, 5 kg, 25 kg <i>Improves feed conversion, less ammonia, increases animal health, fewer outbreaks, improves stable climate</i>

Company	Tradename	Content, Composition	Animal species, Comments
BioAktiv	BioAktiv Professional Salis Rind	Pure sodium chloride	1 kg, 5 kg, 25 kg <i>Improves feed conversion, produces homogeneous slurry, increases animal health, fewer outbreaks, improves stable climate, less ammonia</i>
BioAktiv	BioAktiv Professional Salis Schaf/Ziege	Pure sodium chloride	1 kg, 5 kg, 25 kg <i>Improves feed conversion, calm and balanced animals, improves the stable climate, less ammonia, better results in fattening</i>
BioAktiv	BioAktiv Professional Salis Schwein	Pure sodium chloride	1 kg, 5 kg, 25 kg <i>Improves feed conversion, produces homogeneous slurry, increases animal health, fewer outbreaks, improves stable climate, less ammonia</i>
BioAktiv	BioAktiv Professional Salis Schwein +	Pure sodium chloride	1 kg, 5 kg, 25 kg <i>Increases animal health, strengthens the immune system through sow milk, optimizes colostrum milk</i>
esco	esco Viehsalz NATUR	Na: 39 % Sodium chloride	DE-ÖKO-039 GfRS 25 kg, 50 kg
Südwestdeutsche Salzwerke AG	Salit natur Einzelfuttermittel Natriumchlorid	Na: 38,5 % Rock salt	DE-ÖKO-006 ABCERT 25 kg
Südwestdeutsche Salzwerke AG	Salit Salz-Leckstein natur (10 kg)	Na: 38,5 % Rock salt	DE-ÖKO-001 BCS 10 kg licking stone
Südwestdeutsche Salzwerke AG	Salit Salz-Leckstein natur (5 kg)	Na: 38,5 % Rock salt	DE-ÖKO-001 BCS 5 kg licking stone

### 6-7-3-3 Shells of aquatic animals

Company	Tradename	Content, Composition	Animal species, Comments
BioAktiv	BioAktiv Professional Tierfutter Geflügel	Pure calcium carbonate	1 kg, 5 kg, 20 kg <i>Improves feed conversion, less ammonia, increases animal health, fewer outbreaks, improves stable climate</i>
BioAktiv	BioAktiv Professional Tierfutter Rind	Pure calcium carbonate	1 kg, 5 kg, 20 kg <i>Improves feed conversion, produces homogeneous slurry, increases animal health, fewer outbreaks, improves stable climate, less ammonia</i>



Company	Tradename	Content, Composition	Animal species, Comments
BioAktiv	BioAktiv Professional Tierfutter Schaf/Ziege	Pure calcium carbonate	1 kg, 5 kg, 20 kg <i>Improves the feed conversion, calm and balanced animals, improves the stable climate, less ammonia, better results in fattening</i>
BioAktiv	BioAktiv Professional Tierfutter Schwein	Pure calcium carbonate	1 kg, 5 kg, 20 kg <i>Improves feed conversion, produces homogeneous slurry, increases animal health, fewer outbreaks, improves stable climate, less ammonia</i>
BioAktiv	BioAktiv Professional Tierfutter Schwein +	Pure calcium carbonate	1 kg, 5 kg, 20 kg <i>Increases animal health, strengthens the immune system through sow milk, optimizes colostrum milk</i>

#### 6-7-3-10 Other feed materials of mineral origin

Company	Tradename	Content, Composition	Animal species, Comments
DüKa	Einzelfuttermittel Calciumcarbonat	Ca: 32-36 % Calcium carbonate	
DüKa	Einzelfuttermittel Calcium-Magnesiumcarbonat	Ca: 21-31 %, Mg: 4-12 % Calcium magnesium carbonate	
Penergetic	Penergetic-t Tiere	CaCO <sub>3</sub> : 97 %	<i>ISO 22000 certified, FAM-QS certified</i>
TIMAB	pHix-up	Mg: 48,5 % Magnesium oxide	

#### 6-7-4 Other feed materials

##### 6-7-4-1 Yeasts

Company	Tradename	Content, Composition	Animal species, Comments
Alltech Deutschland	ACTIGEN®	crude protein: 28 %	25 kg sacks
Alltech Deutschland	BIO-MOS®	crude protein: 28 %	25 kg sacks
Alltech Deutschland	DEMP™	crude protein: 40 %	25 kg sacks
Alltech Deutschland	NUPRO®	crude protein: 40 %	25 kg sacks
Inter-Harz	Diamond V® XP Is	crude protein: 19 %, crude fat: 25 g/kg, crude fibre: 80 g/kg	25 kg <i>Double fermented yeast culture</i>
Inter-Harz	Diamond V® XPC Is	crude protein: 22 %, crude fat: 13 g/kg, crude fibre: 250 g/kg	25 kg
Inter-Harz	SmartCare®	crude protein: 27 %, crude fat: 5 g/kg, crude fibre: 10 g/kg, Cu: 9,5 mg/kg Culture medium, yeast cells	25 kg

Company	Tradename	Content, Composition	Animal species, Comments
Lallemand	Agrimos	crude protein: 30 %, crude fibre: < 3 %, starch and sugar: 50 %	<i>Specific combination to support intestinal health in all animal species</i>
Lallemand	LALTIDE		<i>Yeast extract from Saccharomyces cerevisiae, rich in useful nucleotides. For all animal species</i>
Leiber	Leiber Bierhefe	crude energy: 16 MJME/kg, crude protein: 46 %, crude fat: 27 g/kg, crude fibre: 10 g/kg, starch and sugar: 7,4 %, nXP: 324 g/kg, RNB: 32 g/kg	25 kg
Leiber	Leiber CeFi Pro	crude protein: 50 % Brewer's yeast	<i>Brewer's yeast autolysat</i>
Lesaffre	Selsaf	Selenised yeast, inactivated	
Tremonis	BIERHEFE, getrocknet, vollwertig, unextrahiert	100 % Brewer's yeast, dried	25 kg sack or 1.000 kg bigbag

## 6-9 Additives for feedstuff products

Company	Tradename	Content, Composition	Animal species, Comments
Agromed	FRA® Force D165 dry	Na: 32 % Sodium formate	
Agromed	FRA® Force L221 Bio Liquid	Formic acid, lactic acid, E237 sodium formate, propionic acid	
Alltech Deutschland	SEL-PLEX® 2300		25 kg sacks
Calzeo	Fir humic clay		<i>94 % ash insoluble in hydrochloric acid</i>
DELACON	BIOSTRONG® 510 OFC	Mixture of flavouring agents, bio-wheat bran	AT-BIO-301 ABG
EM Technologiezentrum	EM-Süd 7-Tage Darmkur	Clinoptilolite, effective microorganisms	<i>For horses</i>
EM Technologiezentrum	EM-Süd Vulkan-Mineral	Clinoptilolite, effective microorganisms	<i>For all livestock</i>
Tribodyn	Litholife	Natural clinoptilolite	<i>For all animal species; available in various grindings</i>
Vetro Star	Ökuh-Lacsan		DE-ÖKO-006 ABCERT <i>For the natural acidification of feed milk</i>

### 6-9-1 Micronutrients

Company	Tradename	Content, Composition	Animal species, Comments
Alltech Deutschland	SEL-PLEX® 2000	Organic form of selenium produced by Saccharomyces cerevisiae	

Company	Tradename	Content, Composition	Animal species, Comments
Lallemand	Alkosel®	Selenium yeast <i>Saccharomyces cerevisiae</i> NCYC R397, inactivated (3b811), 2.000-3.500 mg Se/kg, organic selenium > 98 %	<i>All animal species. Max. supplementation with organic selenium: 0,2 mg/kg complete feed</i>

#### 6-9-4 Micro-organisms

Company	Tradename	Content, Composition	Animal species, Comments
Alltech Deutschland	YEA-SACC® C	Living yeast <i>Saccharomyces cerevisiae</i> CBS 493.94	20 kg sacks <i>Bovine and other animals for fattening, dairy cows and dairy animals, horses</i>
Alltech Deutschland	YEA-SACC® TS	Living yeast <i>Saccharomyces cerevisiae</i> CBS 493.94	20 kg vacuum bag <i>Bovine and other animals for fattening, dairy cows and dairy animals, horses</i>
Lallemand	Bactocell PA 10MD mit Calciumcarbonat	<i>Pediococcus acidilactici</i> CNCM MA 18/5M	<i>For broilers and other avian species for fattening as well as for laying; weaned pigs, piglets and other minor porcine species (for fattening). Not suitable for pellet feed</i>
Lallemand	Levucell SB 10ME Titan	Living yeast <i>Saccharomyces cerevisiae</i> <i>boulardii</i> CNCM I-1079	<i>Approved for sows, weaned piglets and other porcine species for fattening, broilers and minor poultry species for fattening. Pellet-stable product form</i>
Lallemand	Levucell SC 10ME Titan	<i>Saccharomyces cerevisiae</i> CNCM I-1077	<i>Approved for dairy cows, cattle for fattening, dairy goats, dairy ewes, lambs and horses. Pellet-stable product form</i>
Lesaffre	Actisaf Sc 47	<i>Saccharomyces cerevisiae</i> Sc 47	
Orffa B.V.	Calsporin	Calcium carbonate, preparation of <i>Bacillus subtilis</i> C-3102 (DSM 15544)	<i>Piglets, pigs, sows, poultry, ornamental fish, birds and dogs</i>

#### 6-9-5 Preserving agents

Company	Tradename	Content, Composition	Animal species, Comments
ADDCON	ADDCON SÄUREMIX	Propionic acid (99,5 %), formic acid (94 %)	
ADDCON	ADDCON X	Formic acid, lactic acid (12,5 %), propionic acid (94 %)	
ADDCON	ADDCON XL 2.0	Formic acid (94 %), sodium formate	
Selko	Selko Alpha O	Na: 5,4 %  Formic acid, sodium formate, propionic acid, acetic acid	

Company	Tradename	Content, Composition	Animal species, Comments
Selko	Selko O RSD	Formic acid, propionic acid, lactic acid, sorbic acid	<b>Only for application on silage first cut surfaces</b>

#### 6-9-6 Binding agents, flow aids, coagulants

Company	Tradename	Content, Composition	Animal species, Comments
Behn-Meyer	AZOMITE	Bentonite	<i>For all animal species and animal categories. Improves the flowability of the feed. Contains "Rare Earth"</i>
Buchrucker Hygiene	BF Standard	K2O: 2,2 - 3,4 %, SiO2: 65,0 - 71,3 %, Al2O3: 11,5 - 13,1 %	<i>Available in different grain sizes. Feed additive for all animal species</i>
Hauri	ZEOSAN	Natrolite-phonolite 100 %	<i>GMP + certified by TÜV-SOUTH, QS certified; for all animal species</i>
Heforma	Klinofeed	Clinoptilolite, clay minerals	<i>25 kg; GMP + certified by DEKRA; for all animal species</i>
IPUS	IPUSagro F	Clinoptilolite of sedimentary origin 1g568	<i>For all animal species</i>
Lithos	LithoFeed	Clinoptilolite	<i>25 kg For all animal species</i>
Maschinenring	MR Multi Feed	Clinoptilolite	
Orffa B.V.	AmmoMIN	Clinoptilolite of sedimentary origin, other clay minerals	<i>Available in various particle sizes, for all animal species</i>
Sanbos	SANBIO® SANA	Bentonite	<i>For all animal species</i>
WICHI Trade	CeoBell fürs Tier	Natural-clinoptilolite-zeolite	<i>Beef, pork, poultry, aquaristics</i>

#### 6-9-8 Spices and flavours

Company	Tradename	Content, Composition	Animal species, Comments
Orffa B.V.	Excential Alliin Plus	Calcium carbonate, garlic powder (freeze-dried), cinnamon powder (freeze-dried)	<i>For all animal species</i>

#### 6-9-20 Premixes

Company	Tradename	Content, Composition	Animal species, Comments
DOSTOFARM	DOSTO® Blend 4Green	Diatomaceous earth (E551C), essential oregano oil (flavouring substance)	<i>DE-ÖKO-006 ABCERT 25 kg / 6 kg / 1,5 kg / 500 g Premix for mixing in feed for farmed animals</i>
DOSTOFARM	DOSTO® Sun 4Green	Essential oregano oil (flavouring substance), bio-sunflower oil (feed material)	<i>DE-ÖKO-006 ABCERT 5 l Premix for admixing in feed for farmed animals</i>
IPUS	IPUSvital Calf	Clinoptilolite, gentian root ( <i>Gentiana lutea</i> ), bio-carrot powder, camomile ( <i>Matricaria recutita</i> ), oak bark ( <i>Quercus robur</i> )	<i>Feed additive premixture for calves, with natural medicinal herbs</i>
Witteler GmbH & Co. KG	PICKME	Micro-mineral, limestone	<i>Pickstone for the wear and tear of the tip of the beak in poultry, effective animal activity, animal welfare</i>

## 4 Products for cleaning, disinfection and hygiene

### 4-20 Products for cleaning and disinfection of food processing and storage rooms

Tradename	Company	Applications	Composition, Comments
ALKTIV O2	Kersia	Cleaning intensifier	Hydrogen peroxide 31,3 %
Huwa-San VET 50	NEOVIA	Disinfection of humidification systems and surfaces	Hydrogen peroxide 49 - 49,9 % certified by DLG BAuA-No.: N-57385

### 4-20-1 Products for cleaning of food processing and storage rooms

Tradename	Company	Applications	Composition, Comments
ALKTIV O2	Kersia	Cleaning intensifier	Hydrogen peroxide 31,3 %
BTS® 8000	Bio-Tec	Alkaline liquid concentrate for foam cleaning, suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %
DEPTAL CS	Kersia	Alkaline cleaning agent	Sodium hydroxide 50 %
DEPTIL POH	Kersia	Cleaning additive	Hydrogen peroxide 35 %
Eiweißlöser	BSW	Universal cleaner for cleaning surfaces/equipment in the food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 % <b>Not authorised for the production sector wine</b>
Eiweißlöser K	BSW	Universal cleaner concentrate for cleaning surfaces/equipment in the field of food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 % <b>Not authorised for the production sector wine</b>
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15 %
FINK - FC Powerfoam A3	FINK TEC	Alkaline foam cleaner with long lasting foam. Extreme foam adhesion to vertical surfaces	Non-ionic surfactant < 2 %, Potassium hydroxide 10-15 %
FINK - Rauchharzentferner exzellent	FINK TEC	High concentrate for cleaning in hot and air-conditioned smoke chambers	Non-ionic tensides 2-5 %, Sodium hydroxide 25-30 %
FOAM B-SCM	Kersia	Surface and circular cleaning	Sodium hydroxide 7,5 %
FT 161 CIP	FINK TEC	Highly alkaline cleaning agent for spray- and circulation cleaning	Potassium hydroxide 2-5 %, Sodium hydroxide > 35 %
FT 380 SP	FINK TEC	Alkaline cleaning agent	Sodium hydroxide 40-50 %
FT 61 CIP	FINK TEC	Alkaline cleaning agent for spray- and circulation cleaning	Potassium hydroxide 2-5 %, Sodium hydroxide > 30 %

Tradename	Company	Applications	Composition, Comments
neomoscan® FA 28	Dr. Weigert	Alkaline CIP cleaner for CIP processes and circulation processes	Potassium hydroxide 10-20 %, Sodium hydroxide 1-10 % certified by DLG <i>For alkaline cleaning of production and filling plants</i> <b>Product not permitted for the wine sector</b>
Ökoron® SR	FINK TEC	Ecological, foamable cleaning agent concentrate based on whey for all washable surfaces	Whey > 95 % EU Ecolabel approved
Schaumreiniger alkalisch	WIGOL	For alkaline foam cleaning on tiled walls, stainless steel surfaces, ceilings and concreted surfaces. Removal of organic soiling	Alkyl glucoside (sugar surfactant) 1-5 %, Sodium hydroxide > 30 %
<b>4-20-3 Products for disinfection of food processing and storage rooms</b>			
Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection of all surfaces in contact with food. Always use in combination with alcapur®/alcapur® E	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-43208
alcapur®	KESLA PHARMA	Buffer additive for the "1+1 Wofasteril® SC super" disinfection process. Use in combination with Wofasteril® SC super	Sodium hydroxide 5-25 %
ANTI-GERM® DES ALC	Kersia	Surface disinfection (spraying/wiping/dipping)	Ethanol 25 %, n-propanol 35 % IHO-listing BAuA-No.: N-52883 <b>Not authorised for the production sector wine</b>
ANTI-GERM® DES ALC-IP	Kersia	Surface disinfection (spraying/dipping)	2-Propanol 62,9 % IHO-listing BAuA-No.: N-67768 <b>Not authorised for the wine production sector</b>
Anti-Keim 50	NEOVIA	Disinfection of surfaces, irrigation, equipment and systems, cooling circuits disinfection, ice-production	Hydrogen peroxide 25-50 % certified by DLG, listed by DVG BAuA-No.: N-61274
DEPTIL HDS	Kersia	Surface disinfection (spraying/dipping)	Ethanol 70,4 % IHO-listing BAuA-No.: N-41007 <b>Not authorised for the production sector wine</b>
Des P15%	Bio-Tec	Disinfectants and cleaning agents for the food industry	Peracetic acid 15 %  BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>
EXCLUSIVE WIPES PREMIUM	Kersia	Surface disinfection (Spraying/Immersion)	Ethanol 70,4 % IHO-listing BAuA-No.: N-54127 <b>Product not permitted for the wine production sector</b>
FINK - Antisept E	FINK TEC	Alcoholic surface disinfection agent	2-Propanol 35 %, Ethanol 25 %  BAuA-No.: N-62458, N-62457

Tradename	Company	Applications	Composition, Comments
Huwa-San 50 FOOD	NEOVIA	Disinfection of surfaces and belts, equipment, systems and cooling circuit systems. Application also in fruit and vegetable processing	Hydrogen peroxide 2-50 % certified by DLG, listed by DVG BAuA-No.: N-70457
neoseptal® PE 15	Dr. Weigert	Disinfectant for cleaned systems, application by CIP process or circulation method	Hydrogen peroxide 10-25 %, Peracetic acid 15 %  BAuA-No.: N-62620, N-68483 <i>Disinfection of cleaned production and filling plants</i>
O 33 Aktiv 5	BÜFA	Surface disinfection based on peracetic acid	Peroxyacetic acid
Ökoron® 7 S	FINK TEC	Disinfection agent based on hydrogen peroxide	Hydrogen peroxide 35 %  BAuA-No.: N-50820
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44229
Tolo-Sept AL	BÜFA	Surface disinfection	Ethanol 25 %, Propan-1-ol 35 % IHO-listing BAuA-No.: N-65741, N-65742 <i>Alcoholic surface disinfection for almost all surfaces</i>

#### 4-20-4 Products for hand hygiene in food processing and storage rooms

Tradename	Company	Applications	Composition, Comments
Antisept HD	BÜFA	Hand disinfection in food processing	Ethanol 64 %, Propan-1-ol 8 %  BAuA-No.: N-51575 <i>Alcoholic hand disinfection with skin protection</i>
Greenec Handwaschlotion	Oekotec	Hygiene of the hands	Organic plant soap 60-65 %, Fully decalcified water 35-40 %, Sodium hydroxide < 0,1 %
Handwaschlotion	BSW	Hand hygiene (hand cleaning, skin-friendly)	Organic plant soap, GMO-/GVO-free > 60 %, Sodium hydroxide < 0,1 % <i>Liquid soap solution based on GMO-/GVO-free vegetable oils. For hand hygiene in food processing</i> <b>Not authorised for the production sector wine</b>
liquid sensitiv	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44228

#### 4-20-10 Other products for food processing and storage rooms

Tradename	Company	Applications	Composition, Comments
Handspülmittel sensitiv	Sodasan	Hand dishwashing detergent	Anionic surfactant derivative 4,5 %, Non-ionic surfactant 16,25 %
Oldomat Natural Clear	BÜFA	Rinse aid for dishwashers	Citric acid 1-10 % <i>Rinse aid for commercial dishwashers, crate washing</i>

## 4-21 Products for cleaning and disinfection in the dairy industry

Tradename	Company	Applications	Composition, Comments
Huwa-San 50 FOOD	NEOVIA	Disinfection of surfaces and belts, equipment, systems and cooling circuit systems. Application also in fruit and vegetable processing	Hydrogen peroxide 2-50 % certified by DLG, listed by DVG BAuA-No.: N-70457

### 4-21-1 Acidic cleaning agents for the dairy industry

Tradename	Company	Applications	Composition, Comments
ALKTIV O2	Kersia	Cleaning intensifier	Hydrogen peroxide 31,3 %
DEPTAL CS	Kersia	Alkaline cleaning agent	Sodium hydroxide 50 %
DEPTIL POH	Kersia	Cleaning additive	Hydrogen peroxide 35 %
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15 %

### 4-21-2 Alkaline cleaning agents for the dairy industry

Tradename	Company	Applications	Composition, Comments
BTS® 8000	Bio-Tec	Alkaline liquid concentrate for foam cleaning, suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %
DEPTAL UF EP	Kersia	Alkaline membrane cleaner	Sodium hydroxide 7,31 %
Eiweißlöser	BSW	Universal cleaner for cleaning surfaces/equipment in the food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>
Eiweißlöser K	BSW	Universal cleaner concentrate for cleaning surfaces/equipment in the field of food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>
FOAM B-SCM	Kersia	Surface and circular cleaning	Sodium hydroxide 7,5 %
Metaflux® 74-11 Bio-Allzweckreiniger	Techno-Service	Cleaner for the food processing industry	<b>Not authorised for the production sector wine</b>
neomoscan® FA 28	Dr. Weigert	Alkaline CIP cleaner for CIP processes and circulation processes	Potassium hydroxide 10-20 %, Sodium hydroxide 1-10 % certified by DLG <i>For alkaline cleaning of production and filling plants</i> <b>Product not permitted for the wine sector</b>
Schaumreiniger alkalisch	WIGOL	For alkaline foam cleaning on tiled walls, stainless steel surfaces, ceilings and concreted surfaces. Removal of organic soiling	Alkyl glucoside (sugar surfactant) 1-5 %, Sodium hydroxide > 30 %



#### 4-21-4 Products for disinfection in the dairy industry

Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection of all surfaces in contact with food. Always use in combination with alcapur®/ alcapur® E	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-43208
alcapur®	KESLA PHARMA	Buffer additive for the "1+1 Wofasteril® SC super" disinfection process. Use in combination with Wofasteril® SC super	Sodium hydroxide 5-25 %
ANTI-GERM® DES ALC	Kersia	Surface disinfection (spraying/wiping/dipping)	Ethanol 25 %, n-propanol 35 % IHO-listing BAuA-No.: N-52883 <b>Not authorised for the production sector wine</b>
ANTI-GERM® DES ALC-IP	Kersia	Surface disinfection (spraying/dipping)	2-Propanol 62,9 % IHO-listing BAuA-No.: N-67768 <b>Not authorised for the wine production sector</b>
Anti-Keim 50	NEOVIA	Disinfection of surfaces, irrigation, equipment and systems, cooling circuits disinfection, ice-production	Hydrogen peroxide 25-50 % certified by DLG, listed by DVG BAuA-No.: N-61274
DEPTIL HDS	Kersia	Surface disinfection (spraying/dipping)	Ethanol 70,4 % IHO-listing BAuA-No.: N-41007 <b>Not authorised for the production sector wine</b>
Des P15%	Bio-Tec	Disinfectants and cleaning agents for the food industry	Peracetic acid 15 %  BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>
EXCLUSIVE WIPES PREMIUM	Kersia	Surface disinfection (Spraying/Immersion)	Ethanol 70,4 % IHO-listing BAuA-No.: N-54127 <b>Product not permitted for the wine production sector</b>
neoseptal® PE 15	Dr. Weigert	Disinfectant for cleaned systems, application by CIP process or circulation method	Hydrogen peroxide 10-25 %, Peracetic acid 15 %  BAuA-No.: N-62620, N-68483 <i>Disinfection of cleaned production and filling plants</i>
O 33 Aktiv 5	BÜFA	Surface disinfection based on peracetic acid	Peroxyacetic acid
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44229
Tolo-Sept AL	BÜFA	Surface disinfection	Ethanol 25 %, Propan-1-ol 35 % IHO-listing BAuA-No.: N-65741, N-65742 <i>Alcoholic surface disinfection for almost all surfaces</i>

<b>4-21-5 Products for hand hygiene in the dairy industry</b>			
Tradenname	Company	Applications	Composition, Comments
Antisept HD	BÜFA	Hand disinfection in food processing	Ethanol 64 %, Propan-1-ol 8 %  BAuA-No.: N-51575 <i>Alcoholic hand disinfection with skin protection</i>
Greenec Handwaschlotion	Oekotec	Hygiene of the hands	Organic plant soap 60-65 %, Fully decalcified water 35-40 %, Sodium hydroxide < 0,1 %
Handwaschlotion	BSW	Hand hygiene (hand cleaning, skin-friendly)	Organic plant soap, GMO-/GVO-free > 60 %, Sodium hydroxide < 0,1 % <i>Liquid soap solution based on GMO-/GVO-free vegetable oils. For hand hygiene in food processing</i> <b>Not authorised for the production sector wine</b>
liquid sensitiv	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44228
<b>4-21-7 Additives for the dairy industry</b>			
Tradenname	Company	Applications	Composition, Comments
Schaumkomponente	WIGOL	Foaming agent for alkaline, neutral and acidic media. Addition to non-foaming basic cleaner such as "Universalweinbaureiniger AKB chlorfrei" or "CIP Reiniger MSA". Application concentration: 5-7 %	Alkyl polyglucosides 15-30 %
<b>4-21-10 Other products for the dairy industry</b>			
Tradenname	Company	Applications	Composition, Comments
Handspülmittel sensitiv	Sodasan	Hand dishwashing detergent	Anionic surfactant derivative 4,5 %, Non-ionic surfactant 16,25 %
Oldomat Natural Clear	BÜFA	Rinse aid for dishwashers	Citric acid 1-10 % <i>Rinse aid for commercial dishwashers, crate washing</i>
Spülmaschinenreiniger	BSW	Dishwasher (cleaning of dishes, cutlery and containers made of stainless steel and plastic)	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 1 %  <b>Not authorised for the production sector wine</b>
<b>4-22 Products for cleaning and disinfection for juice and wine processing</b>			
Tradenname	Company	Applications	Composition, Comments
Hydrosan Stabil	WIGOL	Suitable for the disinfection of tank units, pipeline systems, sterilisation of drinking bottles by dipping and spraying	Acetic acid, Hydrogen peroxide, Peroxyacetic acid 15 % IHO-listing BAuA-No.: N-14834 <i>Container size: 25 kg</i>
Microl SR 020	WIGOL	Mixture of organic acids for the cleaning and passivation of filter systems and membrane plants	Citric acid 15-30 %, Lactic acid 15-30 % <i>Container size: 25 kg</i>

Tradename	Company	Applications	Composition, Comments
Universalweinbaureiniger AKB chlorfrei	WIGOL	Cleaning concentrate for wine processing business. For free-of-foam cleansing of presses, filters, separators, tanks and pipe systems	Sodium hydroxide > 30 % <i>Container size: 25 kg</i>
Weinsteinlöser P extra stark	WIGOL	For removing potassium bitartrate in tank plants in the wine industry	Sodium hydroxide > 50 % <i>Container size: 25 kg</i>
<b>4-22-1 Acidic cleaning agents for juice and wine processing</b>			
Tradename	Company	Applications	Composition, Comments
ALKTIV O2	Kersia	Cleaning intensifier	Hydrogen peroxide 31,3 %
DEPTAL CS	Kersia	Alkaline cleaning agent	Sodium hydroxide 50 %
DEPTIL POH	Kersia	Cleaning additive	Hydrogen peroxide 35 %
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15 %
Microl SR 020	WIGOL	Mixture of organic acids for the cleaning and passivation of filter systems and membrane plants	Citric acid 15-30 %, Lactic acid 15-30 % <i>Container size: 25 kg</i>
<b>4-22-2 Alkaline cleaning agents for juice and wine processing</b>			
Tradename	Company	Applications	Composition, Comments
BTS® 8000	Bio-Tec	Alkaline liquid concentrate for foam cleaning, suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %
DEPTAL UF EP	Kersia	Alkaline membrane cleaner	Sodium hydroxide 7,31 %
Eiweißlöser	BSW	Universal cleaner for cleaning surfaces/equipment in the food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>
Eiweißlöser K	BSW	Universal cleaner concentrate for cleaning surfaces/equipment in the field of food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>
FOAM B-SCM	Kersia	Surface and circular cleaning	Sodium hydroxide 7,5 %
Metaflux® 74-11 Bio-Allzweckreiniger	Techno-Service	Cleaner for the food processing industry	<b>Not authorised for the production sector wine</b>
neomoscan® FA 28	Dr. Weigert	Alkaline CIP cleaner for CIP processes and circulation processes	Potassium hydroxide 10-20 %, Sodium hydroxide 1-10 % certified by DLG <i>For alkaline cleaning of production and filling plants</i> <b>Product not permitted for the wine sector</b>
Schaumreiniger alkalisch	WIGOL	For alkaline foam cleaning on tiled walls, stainless steel surfaces, ceilings and concreted surfaces. Removal of organic soiling	Alkyl glucoside (sugar surfactant) 1-5 %, Sodium hydroxide > 30 %

Tradename	Company	Applications	Composition, Comments
Universalweinbaureiniger AKB chlorfrei	WIGOL	Cleaning concentrate for wine processing business. For free-of-foam cleansing of presses, filters, separators, tanks and pipe systems	Sodium hydroxide > 30 % <i>Container size: 25 kg</i>
Weinsteinlöser P extra stark	WIGOL	For removing potassium bitartrate in tank plants in the wine industry	Sodium hydroxide > 50 % <i>Container size: 25 kg</i>
<b>4-22-4 Disinfectants for juice and wine processing</b>			
Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection of all surfaces in contact with food. Always use in combination with alcapur®/alcapur® E	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-43208
alcapur®	KESLA PHARMA	Buffer additive for the "1+1 Wofasteril® SC super" disinfection process. Use in combination with Wofasteril® SC super	Sodium hydroxide 5-25 %
ANTI-GERM® DES ALC	Kersia	Surface disinfection (spraying/wiping/dipping)	Ethanol 25 %, n-propanol 35 % IHO-listing BAuA-No.: N-52883 <b>Not authorised for the production sector wine</b>
ANTI-GERM® DES ALC-IP	Kersia	Surface disinfection (spraying/dipping)	2-Propanol 62,9 % IHO-listing BAuA-No.: N-67768 <b>Not authorised for the wine production sector</b>
Anti-Keim 50	NEOVIA	Disinfection of surfaces, irrigation, equipment and systems, cooling circuits disinfection, ice-production	Hydrogen peroxide 25-50 % certified by DLG, listed by DVG BAuA-No.: N-61274
DEPTIL HDS	Kersia	Surface disinfection (spraying/dipping)	Ethanol 70,4 % IHO-listing BAuA-No.: N-41007 <b>Not authorised for the production sector wine</b>
Des P15%	Bio-Tec	Disinfectants and cleaning agents for the food industry	Peracetic acid 15 %  BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>
EXCLUSIVE WIPES PREMIUM	Kersia	Surface disinfection (Spraying/Immersion)	Ethanol 70,4 % IHO-listing BAuA-No.: N-54127 <b>Product not permitted for the wine production sector</b>
Füllersteril PPP	WIGOL	Alcoholic disinfection agent	Isopropanol 70 % BAuA-No.: N-14786 <i>Container size: 25 kg</i>
Huwa-San 50 FOOD	NEOVIA	Disinfection of surfaces and belts, equipment, systems and cooling circuit systems. Application also in fruit and vegetable processing	Hydrogen peroxide 2-50 % certified by DLG, listed by DVG BAuA-No.: N-70457
Lerasept® FOD 35	Stockmeier	CIP-disinfection, acidic cleaner and cleaning intensifier	Hydrogen peroxid 35 %  BAuA-No.: N-70030

Tradename	Company	Applications	Composition, Comments
Lerasept® Forte	Stockmeier	Surface disinfection by spraying or immersion bath - disinfection in a closed system, disinfection by CIP process, surface disinfection by wiping, box disinfection in closed system	Peracetic acid 15,39 % NSF No.: 142118 IHO-listing BAuA-No.: N-70313
Lerasept® FP 408	Stockmeier	Surface disinfection	Ethanol 25 %, Propan-1-ol 35 % IHO-listing BAuA-No.: N-24578
neoseptal® PE 15	Dr. Weigert	Disinfectant for cleaned systems, application by CIP process or circulation method	Hydrogen peroxide 10-25 %, Peracetic acid 15 %  BAuA-No.: N-62620, N-68483 <i>Disinfection of cleaned production and filling plants</i>
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44229

#### 4-22-5 Products for hand hygiene for juice and wine processors

Tradename	Company	Applications	Composition, Comments
Handwaschlotion	BSW	Hand hygiene (hand cleaning, skin-friendly)	Organic plant soap, GMO-/GVO-free > 60 %, Sodium hydroxide < 0,1 % <i>Liquid soap solution based on GMO-/GVO-free vegetable oils. For hand hygiene in food processing</i> <b>Not authorised for the production sector wine</b>
liquid sensitiv	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44228

#### 4-22-7 Additives for juice and wine processing

Tradename	Company	Applications	Composition, Comments
Reinigungsverstärker H	WIGOL	Liquid additive to intensify the cleansing effect of all alkaline solutions, used to clean the inner side of systems as well as surfaces	Hydrogen peroxide 35 % <i>Container size: 25 kg</i>
Schaumkomponente	WIGOL	Foaming agent for alkaline, neutral and acidic media. Addition to non-foaming basic cleaner such as "Universalweinbaureiniger AKB chlorfrei" or "CIP Reiniger MSA". Application concentration: 5-7 %	Alkyl polyglucosides 15-30 %

#### 4-22-10 Other products for juice and wine processing

Tradename	Company	Applications	Composition, Comments
Handspülmittel sensitiv	Sodasan	Hand dishwashing detergent	Anionic surfactant derivative 4,5 %, Non-ionic surfactant 16,25 %

Tradename	Company	Applications	Composition, Comments
Spülmaschinenreiniger	BSW	Dishwasher (cleaning of dishes, cutlery and containers made of stainless steel and plastic)	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 1 %  <b>Not authorised for the production sector wine</b>

#### 4-23 Products for cleaning and disinfection in breweries and the beverage industry

##### 4-23-1 Acidic cleaning agents for breweries and the beverage industry

Tradename	Company	Applications	Composition, Comments
ALKTIV O2	Kersia	Cleaning intensifier	Hydrogen peroxide 31,3 %
DEPTAL CS	Kersia	Alkaline cleaning agent	Sodium hydroxide 50 %
DEPTIL POH	Kersia	Cleaning additive	Hydrogen peroxide 35 %
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15 %

##### 4-23-2 Alkaline cleaning agents for breweries and the beverage industry

Tradename	Company	Applications	Composition, Comments
BTS® 8000	Bio-Tec	Alkaline liquid concentrate for foam cleaning, suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %
DEPTAL UF EP	Kersia	Alkaline membrane cleaner	Sodium hydroxide 7,31 %
Eiweißlöser	BSW	Universal cleaner for cleaning surfaces/equipment in the food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>
Eiweißlöser K	BSW	Universal cleaner concentrate for cleaning surfaces/equipment in the field of food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>
FOAM B-SCM	Kersia	Surface and circular cleaning	Sodium hydroxide 7,5 %
Metaflux® 74-11 Bio-Allzweckreiniger	Techno-Service	Cleaner for the food processing industry	<b>Not authorised for the production sector wine</b>
neomoscan® FA 28	Dr. Weigert	Alkaline CIP cleaner for CIP processes and circulation processes	Potassium hydroxide 10-20 %, Sodium hydroxide 1-10 % certified by DLG <i>For alkaline cleaning of production and filling plants</i> <b>Product not permitted for the wine sector</b>
Schaumreiniger alkalisch	WIGOL	For alkaline foam cleaning on tiled walls, stainless steel surfaces, ceilings and concreted surfaces. Removal of organic soiling	Alkyl glucoside (sugar surfactant) 1-5 %, Sodium hydroxide > 30 %

#### 4-23-4 Disinfectants for breweries and the beverage industry

Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection of all surfaces in contact with food. Always use in combination with alcapur®/alcapur® E	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-43208
alcapur®	KESLA PHARMA	Buffer additive for the "1+1 Wofasteril® SC super" disinfection process. Use in combination with Wofasteril® SC super	Sodium hydroxide 5-25 %
ANTI-GERM® DES ALC	Kersia	Surface disinfection (spraying/wiping/dipping)	Ethanol 25 %, n-propanol 35 % IHO-listing BAuA-No.: N-52883 <b>Not authorised for the production sector wine</b>
ANTI-GERM® DES ALC-IP	Kersia	Surface disinfection (spraying/dipping)	2-Propanol 62,9 % IHO-listing BAuA-No.: N-67768 <b>Not authorised for the wine production sector</b>
Anti-Keim 50	NEOVIA	Disinfection of surfaces, irrigation, equipment and systems, cooling circuits disinfection, ice-production	Hydrogen peroxide 25-50 % certified by DLG, listed by DVG BAuA-No.: N-61274
DEPTIL HDS	Kersia	Surface disinfection (spraying/dipping)	Ethanol 70,4 % IHO-listing BAuA-No.: N-41007 <b>Not authorised for the production sector wine</b>
Des P15%	Bio-Tec	Disinfectants and cleaning agents for the food industry	Peracetic acid 15 %  BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>
EXCLUSIVE WIPES PREMIUM	Kersia	Surface disinfection (Spraying/Immersion)	Ethanol 70,4 % IHO-listing BAuA-No.: N-54127 <b>Product not permitted for the wine production sector</b>
Huwa-San 50 FOOD	NEOVIA	Disinfection of surfaces and belts, equipment, systems and cooling circuit systems. Application also in fruit and vegetable processing	Hydrogen peroxide 2-50 % certified by DLG, listed by DVG BAuA-No.: N-70457
neoseptal® PE 15	Dr. Weigert	Disinfectant for cleaned systems, application by CIP process or circulation method	Hydrogen peroxide 10-25 %, Peracetic acid 15 %  BAuA-No.: N-62620, N-68483 <i>Disinfection of cleaned production and filling plants</i>
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44229

#### 4-23-6 Products for hand hygiene for breweries and the beverage industry

Tradenname	Company	Applications	Composition, Comments
Handwaschlotion	BSW	Hand hygiene (hand cleaning, skin-friendly)	Organic plant soap, GMO-/GVO-free > 60 %, Sodium hydroxide < 0,1 % <i>Liquid soap solution based on GMO-/GVO-free vegetable oils. For hand hygiene in food processing</i> <b>Not authorised for the production sector wine</b>
liquid sensitiv	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44228

#### 4-23-8 Additives for breweries and the beverage industry

Tradenname	Company	Applications	Composition, Comments
Schaumkomponente	WIGOL	Foaming agent for alkaline, neutral and acidic media. Addition to non-foaming basic cleaner such as "Universalweinbaureiniger AKB chlorfrei" or "CIP Reiniger MSA". Application concentration: 5-7 %	Alkyl polyglucosides 15-30 %

#### 4-23-10 Other products for breweries and the beverage industry

Tradenname	Company	Applications	Composition, Comments
Careox Spülmaschinenreiniger	Oekotec	Alkaline cleaner for dishwasher cleaning	Fully decalcified water > 94 %, Organic plant soap < 5 %, Sodium hydroxide < 1 %
Handspülmittel sensitiv	Sodasan	Hand dishwashing detergent	Anionic surfactant derivative 4,5 %, Non-ionic surfactant 16,25 %
Spülmaschinenreiniger	BSW	Dishwasher (cleaning of dishes, cutlery and containers made of stainless steel and plastic)	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 1 %  <b>Not authorised for the production sector wine</b>

#### 4-24 Products for cleaning and disinfection in the meat industry

##### 4-24-1 Products for cleaning in the meat industry

Tradenname	Company	Applications	Composition, Comments
ALKTIV O2	Kersia	Cleaning intensifier	Hydrogen peroxide 31,3 %
BTS® 8000	Bio-Tec	Alkaline liquid concentrate for foam cleaning, suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %
Careox Spülmaschinenreiniger	Oekotec	Alkaline cleaner for dishwasher cleaning	Fully decalcified water > 94 %, Organic plant soap < 5 %, Sodium hydroxide < 1 %
DEPTAL CS	Kersia	Alkaline cleaning agent	Sodium hydroxide 50 %
DEPTIL POH	Kersia	Cleaning additive	Hydrogen peroxide 35 %



Tradename	Company	Applications	Composition, Comments
Eiweißlöser	BSW	Universal cleaner for cleaning surfaces/equipment in the food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>
Eiweißlöser K	BSW	Universal cleaner concentrate for cleaning surfaces/equipment in the field of food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15 %
FOAM B-SCM	Kersia	Surface and circular cleaning	Sodium hydroxide 7,5 %
Metaflux® 74-11 Bio-Allzweckreiniger	Techno-Service	Cleaner for the food processing industry	<b>Not authorised for the production sector wine</b>
neomoscan® FA 28	Dr. Weigert	Alkaline CIP cleaner for CIP processes and circulation processes	Potassium hydroxide 10-20 %, Sodium hydroxide 1-10 % certified by DLG <i>For alkaline cleaning of production and filling plants</i> <b>Product not permitted for the wine sector</b>
Spülmaschinenreiniger	BSW	Dishwasher (cleaning of dishes, cutlery and containers made of stainless steel and plastic)	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 1 %  <b>Not authorised for the production sector wine</b>
<b>4-24-3 Products for disinfection in the meat industry</b>			
Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection of all surfaces in contact with food. Always use in combination with alcapur®/ alcapur® E	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-43208
alcapur®	KESLA PHARMA	Buffer additive for the "1+1 Wofasteril® SC super" disinfection process. Use in combination with Wofasteril® SC super	Sodium hydroxide 5-25 %
Anti-Keim 50	NEOVIA	Disinfection of surfaces, irrigation, equipment and systems, cooling circuits disinfection, ice-production	Hydrogen peroxide 25-50 % certified by DLG, listed by DVG BAuA-No.: N-61274
DEPTIL HDS	Kersia	Surface disinfection (spraying / dipping)	Ethanol 70,4 % IHO-listing BAuA-No.: N-41007 <b>Not authorised for the production sector wine</b>
Des P15%	Bio-Tec	Disinfectants and cleaning agents for the food industry	Peracetic acid 15 %  BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>

Tradenname	Company	Applications	Composition, Comments
Huwa-San 50 FOOD	NEOVIA	Disinfection of surfaces and belts, equipment, systems and cooling circuit systems. Application also in fruit and vegetable processing	Hydrogen peroxide 2-50 % certified by DLG, listed by DVG BAuA-No.: N-70457
neoseptal® PE 15	Dr. Weigert	Disinfectant for cleaned systems, application by CIP process or circulation method	Hydrogen peroxide 10-25 %, Peracetic acid 15 %  BAuA-No.: N-62620, N-68483 <i>Disinfection of cleaned production and filling plants</i>
O 33 Aktiv 5	BÜFA	Surface disinfection based on peracetic acid	Peroxyacetic acid
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44229
Tolo-Sept AL	BÜFA	Surface disinfection	Ethanol 25 %, Propan-1-ol 35 % IHO-listing BAuA-No.: N-65741, N-65742 <i>Alcoholic surface disinfection for almost all surfaces</i>

#### 4-24-4 Products for hand hygiene in the meat industry

Tradenname	Company	Applications	Composition, Comments
Antisept HD	BÜFA	Hand disinfection in food processing	Ethanol 64 %, Propan-1-ol 8 %  BAuA-No.: N-51575 <i>Alcoholic hand disinfection with skin protection</i>
Greenec Handwaschlotion	Oekotec	Hygiene of the hands	Organic plant soap 60-65 %, Fully decalcified water 35-40 %, Sodium hydroxide < 0,1 %
Handwaschlotion	BSW	Hand hygiene (hand cleaning, skin-friendly)	Organic plant soap, GMO-/GVO-free > 60 %, Sodium hydroxide < 0,1 % <i>Liquid soap solution based on GMO-/GVO-free vegetable oils. For hand hygiene in food processing</i> <b>Not authorised for the production sector wine</b>
liquid sensitiv	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44228

#### 4-24-10 Other products for the meat industry

Tradenname	Company	Applications	Composition, Comments
Careox Spülmaschinenreiniger	Oekotec	Alkaline cleaner for dishwasher cleaning	Fully decalcified water > 94 %, Organic plant soap < 5 %, Sodium hydroxide < 1 %
Handspülmittel sensitiv	Sodasan	Hand dishwashing detergent	Anionic surfactant derivative 4,5 %, Non-ionic surfactant 16,25 %
Oldomat Natural Clear	BÜFA	Rinse aid for dishwashers	Citric acid 1-10 % <i>Rinse aid for commercial dishwashers, crate washing</i>

## 4-25 Products for cleaning and disinfection in bakeries and the baking industry

### 4-25-1 Products for cleaning in bakeries and the baking industry

Tradename	Company	Applications	Composition, Comments
ALKTIV O2	Kersia	Cleaning intensifier	Hydrogen peroxide 31,3 %
BTS® 8000	Bio-Tec	Alkaline liquid concentrate for foam cleaning, suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %
DEPTAL CS	Kersia	Alkaline cleaning agent	Sodium hydroxide 50 %
DEPTIL POH	Kersia	Cleaning additive	Hydrogen peroxide 35 %
Eiweißlöser	BSW	Universal cleaner for cleaning surfaces/equipment in the food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 % <b>Not authorised for the production sector wine</b>
Eiweißlöser K	BSW	Universal cleaner concentrate for cleaning surfaces/equipment in the field of food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 % <b>Not authorised for the production sector wine</b>
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15 %
FOAM B-SCM	Kersia	Surface and circular cleaning	Sodium hydroxide 7,5 %
Metaflux® 74-11 Bio-Allzweckreiniger	Techno-Service	Cleaner for the food processing industry	<b>Not authorised for the production sector wine</b>
neomoscan® FA 28	Dr. Weigert	Alkaline CIP cleaner for CIP processes and circulation processes	Potassium hydroxide 10-20 %, Sodium hydroxide 1-10 % certified by DLG <i>For alkaline cleaning of production and filling plants</i> <b>Product not permitted for the wine sector</b>
Spülmaschinenreiniger	BSW	Dishwasher (cleaning of dishes, cutlery and containers made of stainless steel and plastic)	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 1 % <b>Not authorised for the production sector wine</b>

### 4-25-3 Products for disinfection in bakeries and the baking industry

Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection of all surfaces in contact with food. Always use in combination with alcapur®/ alcapur® E	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-43208
alcapur®	KESLA PHARMA	Buffer additive for the "1+1 Wofasteril® SC super" disinfection process. Use in combination with Wofasteril® SC super	Sodium hydroxide 5-25 %

Tradename	Company	Applications	Composition, Comments
ANTI-GERM® DES ALC	Kersia	Surface disinfection (spraying/wiping/dipping)	Ethanol 25 %, n-propanol 35 % IHO-listing BAuA-No.: N-52883 <b>Not authorised for the production sector wine</b>
ANTI-GERM® DES ALC-IP	Kersia	Surface disinfection (spraying/dipping)	2-Propanol 62,9 % IHO-listing BAuA-No.: N-67768 <b>Not authorised for the wine production sector</b>
Anti-Keim 50	NEOVIA	Disinfection of surfaces, irrigation, equipment and systems, cooling circuits disinfection, ice-production	Hydrogen peroxide 25-50 % certified by DLG, listed by DVG BAuA-No.: N-61274
DEPTIL HDS	Kersia	Surface disinfection (spraying/dipping)	Ethanol 70,4 % IHO-listing BAuA-No.: N-41007 <b>Not authorised for the production sector wine</b>
Des P15%	Bio-Tec	Disinfectants and cleaning agents for the food industry	Peracetic acid 15 %  BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>
EXCLUSIVE WIPES PREMIUM	Kersia	Surface disinfection (Spraying/Immersion)	Ethanol 70,4 % IHO-listing BAuA-No.: N-54127 <b>Product not permitted for the wine production sector</b>
Huwa-San 50 FOOD	NEOVIA	Disinfection of surfaces and belts, equipment, systems and cooling circuit systems. Application also in fruit and vegetable processing	Hydrogen peroxide 2-50 % certified by DLG, listed by DVG BAuA-No.: N-70457
neoseptal® PE 15	Dr. Weigert	Disinfectant for cleaned systems, application by CIP process or circulation method	Hydrogen peroxide 10-25 %, Peracetic acid 15 %  BAuA-No.: N-62620, N-68483 <i>Disinfection of cleaned production and filling plants</i>
O 33 Aktiv 5	BÜFA	Surface disinfection based on peracetic acid	Peroxyacetic acid
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44229
Tolo-Sept AL	BÜFA	Surface disinfection	Ethanol 25 %, Propan-1-ol 35 % IHO-listing BAuA-No.: N-65741, N-65742 <i>Alcoholic surface disinfection for almost all surfaces</i>

#### 4-25-4 Products for hand hygiene in bakeries and the baking industry

Tradename	Company	Applications	Composition, Comments
Antisept HD	BÜFA	Hand disinfection in food processing	Ethanol 64 %, Propan-1-ol 8 %  BAuA-No.: N-51575 <i>Alcoholic hand disinfection with skin protection</i>

Tradenname	Company	Applications	Composition, Comments
Greenec Handwaschlotion	Oekotec	Hygiene of the hands	Organic plant soap 60-65 %, Fully decalcified water 35-40 %, Sodium hydroxide < 0,1 %
Handwaschlotion	BSW	Hand hygiene (hand cleaning, skin-friendly)	Organic plant soap, GMO-/GVO-free > 60 %, Sodium hydroxide < 0,1 % <i>Liquid soap solution based on GMO-/GVO-free vegetable oils. For hand hygiene in food processing</i> <b>Not authorised for the production sector wine</b>
liquid sensitiv	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44228

#### 4-25-10 Other products for bakeries and the baking industry

Tradenname	Company	Applications	Composition, Comments
Careox Spülmaschinenreiniger	Oekotec	Alkaline cleaner for dishwasher cleaning	Fully decalcified water > 94 %, Organic plant soap < 5 %, Sodium hydroxide < 1 %
Handspülmittel sensitiv	Sodasan	Hand dishwashing detergent	Anionic surfactant derivative 4,5 %, Non-ionic surfactant 16,25 %
Oldomat Natural Clear	BÜFA	Rinse aid for dishwashers	Citric acid 1-10 % <i>Rinse aid for commercial dishwashers, crate washing</i>

### 4-26 Products for cleaning and disinfection in professional kitchens

#### 4-26-1 Products for cleaning in professional kitchens

Tradenname	Company	Applications	Composition, Comments
ALKTIV O2	Kersia	Cleaning intensifier	Hydrogen peroxide 31,3 %
BTS® 8000	Bio-Tec	Alkaline liquid concentrate for foam cleaning, suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %
Careox Spülmaschinenreiniger	Oekotec	Alkaline cleaner for dishwasher cleaning	Fully decalcified water > 94 %, Organic plant soap < 5 %, Sodium hydroxide < 1 %
DEPTAL CS	Kersia	Alkaline cleaning agent	Sodium hydroxide 50 %
DEPTIL POH	Kersia	Cleaning additive	Hydrogen peroxide 35 %
Eiweißlöser	BSW	Universal cleaner for cleaning surfaces/equipment in the food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>
Eiweißlöser K	BSW	Universal cleaner concentrate for cleaning surfaces/equipment in the field of food processing industry	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 5 %  <b>Not authorised for the production sector wine</b>

Tradename	Company	Applications	Composition, Comments
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15 %
Metaflux® 74-11 Bio-Allzweckreiniger	Techno-Service	Cleaner for the food processing industry	<b>Not authorised for the production sector wine</b>
Spülmaschinenreiniger	BSW	Dishwasher (cleaning of dishes, cutlery and containers made of stainless steel and plastic)	Organic plant soap, GMO-/GVO-free < 5 %, Sodium hydroxide < 1 %  <b>Not authorised for the production sector wine</b>
4-26-3 Products for disinfection in professional kitchens			
Tradename	Company	Applications	Composition, Comments
1+1 Wofasteril® SC super	KESLA PHARMA	Disinfection of all surfaces in contact with food. Always use in combination with alcapur®/alcapur® E	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-43208
alcapur®	KESLA PHARMA	Buffer additive for the "1+1 Wofasteril® SC super" disinfection process. Use in combination with Wofasteril® SC super	Sodium hydroxide 5-25 %
ANTI-GERM® DES ALC	Kersia	Surface disinfection (spraying/wiping/dipping)	Ethanol 25 %, n-propanol 35 % IHO-listing BAuA-No.: N-52883 <b>Not authorised for the production sector wine</b>
ANTI-GERM® DES ALC-IP	Kersia	Surface disinfection (spraying/dipping)	2-Propanol 62,9 % IHO-listing BAuA-No.: N-67768 <b>Not authorised for the wine production sector</b>
Anti-Keim 50	NEOVIA	Disinfection of surfaces, irrigation, equipment and systems, cooling circuits disinfection, ice-production	Hydrogen peroxide 25-50 % certified by DLG, listed by DVG BAuA-No.: N-61274
DEPTIL HDS	Kersia	Surface disinfection (spraying/dipping)	Ethanol 70,4 % IHO-listing BAuA-No.: N-41007 <b>Not authorised for the production sector wine</b>
Des P15%	Bio-Tec	Disinfectants and cleaning agents for the food industry	Peracetic acid 15 %  BAuA-No.: N-17102, N-36497 <i>Fast and cold effective cleaning and disinfecting agent</i>
EXCLUSIVE WIPES PREMIUM	Kersia	Surface disinfection (Spraying/Immersion)	Ethanol 70,4 % IHO-listing BAuA-No.: N-54127 <b>Product not permitted for the wine production sector</b>
Huwa-San 50 FOOD	NEOVIA	Disinfection of surfaces and belts, equipment, systems and cooling circuit systems. Application also in fruit and vegetable processing	Hydrogen peroxide 2-50 % certified by DLG, listed by DVG BAuA-No.: N-70457
O 33 Aktiv 5	BÜFA	Surface disinfection based on peracetic acid	Peroxyacetic acid

Tradename	Company	Applications	Composition, Comments
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44229
Tolo-Sept AL	BÜFA	Surface disinfection	Ethanol 25 %, Propan-1-ol 35 % IHO-listing BAuA-No.: N-65741, N-65742 <i>Alcoholic surface disinfection for almost all surfaces</i>

#### 4-26-4 Products for hand hygiene in professional kitchens

Tradename	Company	Applications	Composition, Comments
Antisept HD	BÜFA	Hand disinfection in food processing	Ethanol 64 %, Propan-1-ol 8 %  BAuA-No.: N-51575 <i>Alcoholic hand disinfection with skin protection</i>
Greenec Handwaschlotion	Oekotec	Hygiene of the hands	Organic plant soap 60-65 %, Fully decalcified water 35-40 %, Sodium hydroxide < 0,1 %
Handwaschlotion	BSW	Hand hygiene (hand cleaning, skin-friendly)	Organic plant soap, GMO-/GVO-free > 60 %, Sodium hydroxide < 0,1 % <i>Liquid soap solution based on GMO-/GVO-free vegetable oils. For hand hygiene in food processing</i> <b>Not authorised for the production sector wine</b>
liquid sensitiv	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % BAuA-No.: N-44228

#### 4-26-10 Other products for professional kitchens

Tradename	Company	Applications	Composition, Comments
Careox Spülmaschinenreiniger	Oekotec	Alkaline cleaner for dishwasher cleaning	Fully decalcified water > 94 %, Organic plant soap < 5 %, Sodium hydroxide < 1 %
Handspülmittel sensitiv	Sodasan	Hand dishwashing detergent	Anionic surfactant derivative 4,5 %, Non-ionic surfactant 16,25 %
Oldomat Natural Clear	BÜFA	Rinse aid for dishwashers	Citric acid 1-10 % <i>Rinse aid for commercial dishwashers, crate washing</i>

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Biota Nutri	Biota Nutri BV Hoefweg 156 NL 2665 LD Bleiswijk	+31 6541 31472	info@biota.nu www.biota.nu
Bio-Tec	Bio-Tec Reinigungsmittel und Zubehör Vertriebs-GmbH Zum Uhlenmoor 2 DE 49439 Steinfeld	+49 54 9241778-0 +49 54 9241778-48	www.bio-tec-steinfeld.de
Bioversija	Bioversija JSC Akademijos street 7 LT 08412 Vilnius	+37 0615 88378	info@bioversio.lt www.bioversio.lt
Biovert SL	Biovert SL Ctra, C-12, km 150,5 ES 25137 Corbins-Lleida	+34 973 190 707	info@manvert.com www.manvert.com
Biovin	Biovin Naturprodukte GmbH An der Ahlmühle 4 DE 76831 Ilbesheim	+49 6341 945590 +49 6341 945599	info@biovin-naturprodukte.de www.biovin-naturprodukte.de
BluePlanet	BluePlanet Labs LLC 15752 Industrial Parkway US Cleveland Ohio 44135	+1 216 472-3030 +1 201 569-0849	info@blueplanetlabs.com
Böhme	Bioenergiehof Böhme Dorfstraße 44 DE 01744 Dippoldiswalde-Obercarsdorf	+49 3504 611448 +49 3504 611449	info@bioenergiehof-boehme.de www.bioenergiehof-boehme.de
Bollmer BMD	Bollmer Mitteldeutsche Dünger GmbH Am Langen Graben 13 DE 49835 Wietmarschen	+49 5925 9966 0	info@bollmer.de www.bollmer.de
BouMatic	BouMatic Gascoigne Melotte SPRL 31, Rue Jules Melotte BE 4350 Remicourt	+32 1954 4266 +32 1954 5544	info@boumatic.com www.boumatic.com
Breckweg	Kalkwerke Otto Breckweg GmbH & Co. KG Neuenkirchener Straße 400 DE 48432 Rheine	+49 59711 6024-0 +49 59711 6024-77	homann-niehoff@breckweg.de www.breckweg.de
Brill	Gebr. Brill Substrate GmbH & Co. KG Torfwerkstraße 11 DE 49828 Georgsdorf	+49 5946 9123-0 +49 5946 9123-45	info@brill-substrate.com www.brill-substrate.com
Brinkmann	Torfwerk Brinkmann GmbH & Co. KG Hauptstraße 343 DE 26683 Saterland	+49 4492 9258-0 +49 4492 9258-109	info@griendtsveen.de www.griendtsveen.de
BSL	BSL Betriebsmittel Service Logistik GmbH & Co. KG Werftstraße 218 DE 24143 Kiel	+49 431 7023-0	www.bsl-online.de

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
BSW	BSW-Bio-Science GmbH Dreskenkamp 10 DE 49179 Ostercappeln	+49 5476 919461-0 +49 5476 919461-1	info@bsw-bioscience.com www.bsw-bio.science
Buchrucker Hygiene	Laboratorium Buchrucker Hygiene GmbH Aschacherstraße 1 AT 4100 Ottensheim	+43 7234 833-04 +43 7234 833-06	labor@buchrucker-hygiene.at www.buchrucker-hygiene.at/de
BÜFA	BÜFA Reinigungssysteme GmbH & Co. KG Postfach 2563 DE 21065 Oldenburg	+49 441 9317-0 +49 441 9317-100	info@buefa.de www.buefa.de
Buhck	Buhck GmbH & Co. KG Rappenberg 1 DE 21502 Wiershop	+49 415 2802 460 +49 415 2802 551	buhck@buhck.de www.buhck.de
BvG	BvG Bodenverbesserungs-GmbH Gigberg 2 DE 86643 Rennertshofen	+49 8427 985711-7 +49 8427 985711-8	info@bvg-rain.de www.bvg.gmbh
BYK-Chemie	BYK-Chemie GmbH Abelstraße 45 DE 46483 Wesel	+49 281 670-0 +49 281 65735	nnegret.drewer@altana.com www.byk.com
CAI-PAN	CAI-PAN GmbH & Co. KG Wachholderweg 27 DE 92256 Hahnbach	+49 9664 572 9022 +49 9664 572 9019	daniel.muench@cai-pan.com www.cai-pan.com
Calvatis	Calvatis GmbH Dr.-Albert-Reimann-Straße 16 a DE 68526 Ladenburg	+49 6203 105-0 +49 6203 105-111	info@calvatis.com www.calvatis.com
Calzeo	Calzeo GmbH Schwingestraße 71 DE 21717 Fredenbeck	+49 4149 931 404 +49 4149 7056	info@calzeo.eu www.calzeo.eu
Carbotecnia	CARBOTECNIA S.L. C/Princesa 25, 1º planta 1, Puerta 5 ES 28008 Madrid	+34 9114 03302	tecnico@carbotecnia.com www.carbotecnia.com
Carbuna	CARBUNA AG Mendelssohnstraße 2 DE 87700 Memmingen	+49 8331 99497-10 +49 8331 99497-15	info@carbuna.com www.carbuna.com
Casanova	Casanova Biotech GmbH Zugerstraße 35 CH 6318 Walchwil	+41 413 7749-69	casanova.biotech@bluewin.ch
cdVet	cdVet Naturprodukte GmbH Industriestraße 9-11 DE 49584 Fürstenau	+49 5901 9796-0 +49 5901 9796-133	info@cdvet.de www.agrar.cdvet.de
CELAGRI	CELAGRI SPAIN SL Calle Levante UD, 2 Pta 14 ES 46132 Almassera	+34 6874 46752	roberto@celagri.es
Certis Europe B.V.	CERTIS Europe BV Niederlassung Deutschland Postfach 10 62 20 DE 20042 Hamburg	+49 4060 7726-474 +49 4023 652-280	mundry@certiseurope.com www.certiseurope.de

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
CERTIS Europe Spain	CERTIS EUROPE B.V. Sucursal en Espana Bulevar Parque C/Severo Ochoa, 18 2° ES 03203 Elche	+34 96665 107-7 +34 96665 107-6	marin@certiseurope.com www.certiseurope.es
CFR	CFR Biologicals RsbG GmbH / Ralf Recknagel Am Sandberg 4 DE 73494 Rosenberg	+49 172 8217 890	ralf.recknagel@cfr-rosenberg.com
Christoph Fischer	Christoph Fischer GmbH Högeringer Straße 25 DE 83071 Stephanskirchen	+49 8036 30315-0 +49 8036 30315-99	info@em-chiemgau.de www.em-chiemgau.de
CID LINES	CID LINES NV Waterpoortstraat 2 BE 8900 Ieper	+32 5721 7877 +32 5721 7879	regulatory.affairs@cidlines.com www.cidlines.com
Ciech Sarzyna	Ciech Sarzyna S.A. ul. Chemikow 1 PL 37-310 Nova Sarzyna	+48 1724 07111	sarzyna@ciechgroup.com www.ciechgroup.com
CNS	Clean Nature Solutions GmbH Kamptalstraße 66 AT 3550 Langenlois	+43 2734 32610 +43 2734 32610-20	office@cns-world.com www.cns-world.com
COMEF	COMEF Sarl 15 Rue de la Haye FR 67300 Schiltigheim	+31 620 171 222	info@comef.fr
Comercial Quimica Massó	COMERCIAL QUÍMICA MASSÓ S.A. Viladomat 321 5° ES 08029 Barcelona	+34 9349 52500 +34 9349 52502	masso@cqmasso.com www.massoagro.com
COMPO EXPERT	COMPO EXPERT GmbH Krögerweg 10 DE 48155 Münster	+49 2512 97981 000	info@compo-expert.com www.compo-expert.com
corthum	corthum Nordschwarzwald GmbH Im Schwarzenbusch 8 DE 76359 Marxzell-Pfaffenrot	+49 7248 93246-0 +49 7248 93246-2	info@corthum.de www.corthum.de
COS Ohlsen	COS Ohlsen Chemie- und Gerätevertrieb GmbH Kreisstraße 2 DE 24884 Geltorf-Esprehm	+49 4354 9811-6 +49 4354 9811-8	info@cos-ohlsen.de www.cos-ohlsen.de
Croptivate	Croptivate B.V. Maastricht IL Fiore Avenue Ceramique 221 NL 6221 KX Maastricht	+31 43 303 0855	office@croptivate.com www.croptivate.com
Crystalyx	Crystalyx Products GmbH Industrieweg 10 DE 48155 Münster	+49 251 682 1155	info-crystalyx@crystalyx.de
Dacam	Dacam Fertilizers B.V. G.T. Rietveldstraat 180 NL 1333 LJ Almere	+31 3684 50068	info@dacam.nl www.dacam.nl
DAEM ECO	DAEM ECO BVBA Nerumstraat 7 BE 9340 Ledo	+32 5380 9222 +32 5380 9230	c.daem@daemeco.be

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
DAYMSA	Desarrollo Agrícola y Minero S.A. (DAYMSA) Camino de En medio 120 ES 50013 Zaragoza	+39 976 461516 +39 976 415986	csolans@daymsa.com www.daymsa.com/en/
DCM	De Ceuster Meststoffen N.V. (DCM) Fortsesteenweg 30 BE 2860 Sint-Katelijne-Waver	+32 14 257357 +32 14 257351	dirk.bonten@dcmcorp.be www.dcm-info.com
DE SANGOSSE	DE SANGOSSE SAS Bonnell - CS 10005 FR 47480 Pont du Casse	+33 55369 3630 +33 55366 3065	pagesf@desangosse.com www.desangosse.com
Debus	Debus Naturstein GmbH & Co. KG Coburger Straße 35 DE 96253 Untersiemau	+49 9565 791-0 +49 9565 791-144	kontakt@amo-debus.de www.amo-debus.de
dedetec	dedetec Richard-Kuenzer-Straße 3 DE 79102 Freiburg	+49 7613 8414-01 +49 7613 8414-03	info@dedetec.de www.dedetec.de
DELACON	Delacon Biotechnik GmbH Langwiesen 24 AT 4209 Engerwitzdorf	+43 7325 2299-0	office@delacon.com www.delacon.com
DeLaval GmbH	DeLaval GmbH Wilhelm-Bergner-Straße 5 DE 21509 Glinde	+49 40 303344-100 +49 40 303344-293	deutschland.info@delaval.com www.delaval.de
Detia Garda	Detia Garda GmbH Dr.-Werner-Freyberg-Straße 11 DE 69514 Laudенbach	+49 6201 708-0	vertrieb@detia-degesch.de detia-garda.de
Deutsche Cuxin	Deutsche Cuxin Marketing GmbH Fürstendiek 8 DE 48291 Telgte	+49 2504 889625-23 +49 2504 889625-55	info@cuxin-dcm.de www.cuxin-dcm.de
Deutsche Vilomix - Vilofoss	Deutsche Vilomix Tierernährung GmbH Bahnhofstraße 30 DE 49434 Neuenkirchen-Vörden	+49 5493 9870-0 +49 5493 9870-0	info@vilofoss.com www.vilofoss.com/de
DIE TORFFRAU	DIE TORFFRAU - Ingrid Reinkemeyer GmbH Esserner Dorfstraße 19 DE 31603 Diepenau	+49 5777 9494-0 +49 5777 9494-99	info@torffrau.de www.torffrau.de
Diemer	Diemer Produktion GmbH Kotzinger Straße 23 DE 83278 Traunstein	+49 861 209 235-0 +49 861 209 235-1	info@diemer-traunstein.de www.diemer-traunstein.de
DOSTOFARM	DOSTOFARM GmbH Hansacker 24 DE 26655 Westerstede	+49 4488 8459-0 +49 4488 8459-19	mail@dostofarm.de www.dostofarm.de
Dr. Rech's	Dr. Rech's Vitanal GmbH Weilerbacher Straße 94 DE 67661 Kaiserslautern	+49 631 35080-33 +49 631 35080-38	info@vitalanet.net www.vitalanet.de

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
Dr. Weigert	Chemische Fabrik Dr. Weigert GmbH & Co. KG Mühlenhagen 85 DE 20539 Hamburg	+49 40 78960-0 +49 40 78960-120	info@drweigert.de www.drweigert.de
Dudutech	Dudutech IPM Solutions Moi South Lake Road, Kingfisher farm KE 20117 Naivasha	+254 50202 1167	info@dudutech.com
DüKa	DüKa Düngerkalkgesellschaft mbH Fraunhoferstraße 2 DE 93092 Barbing	+49 9401 9299-0 +49 9401 9299-50	dueka@dueka.de www.dueka.de
Ecoflora	Ecoflora Agro SAS Zona Franca Rionegro, bodega 206, Rione CO 55427 Antioquia	+574 4481 186	nicolas@ecofloragro.com www.ecofloragro.com
Ecolab	Ecolab Deutschland GmbH Ecolab-Allee 1 DE 40789 Monheim	+49 2173 599-1977 +49 2173 599-89182	landwirtschaft.de@ecolab.com www.ecolab.com
Ecosus	Ecosus Spezial-Substrate Lopshorner Weg 80 DE 32832 Augustdorf	+49 5237 5958 +49 5237 890942	info@ecosus.de www.ecosus.de
Egger	Produktionsgemeinschaft F. und H. Egger GmbH Mitterlabill 19 AT 8413 St. Georgen	+43 3184 2419 +43 3184 2419-6	office@pge.at www.pge.at
Eimermacher	Ferdinand Eimermacher GmbH & Co KG Westring 24 DE 48356 Nordwalde	+49 2573 9390-0	info@eimermacher.de www.eimermacher.de
Eko Bio Gen	Eko Bio Gen d.o.o. Donja Bačuga bb HR 44250 Petrinja	+385 9238 06652 +49 212 586 902	info@ekobiogen.eu www.ekobiogen.eu
EKO STELA	EKO STELA d.o.o. Ul. Stjepana Radica 64 HR 48000 Reka / Koprivnica	+49 170 18 53031	martinalovkovic.ml@gmail.com
Elanco	Elanco Deutschland GmbH Werner-Reimers-Straße 2-4 DE 61352 Bad Homburg	+49 800 453 4847 +49 800 723 4083	kundenbetreuung@elanco.com www.elanco.com
EM Technologie- zentrum	EM Technologiezentrum Süd GmbH Ellenberg 111a DE 87499 Wilpoldsried	+49 8304 92969-6 +49 8304 92969-8	tobias.epp@em-sued.de www.em-sued.de
EMIKO	EMIKO Handelsgesellschaft mbH Mühlgrabenstraße 13 DE 53340 Meckenheim	+49 2225 95595-0 +49 2225 95595-20	info@emiko.de www.emiko.de
Emsland-Stärke	Emsland-Stärke GmbH Emslandstraße 58 DE 49824 Emlichheim	+49 5943 81-0 +49 5943 81-205	info@emsland-group.de www.emsland-group.de
En-Crops	En-Crops GmbH Zeppelinstraße 2 DE 32051 Herford	+49 5221 993601-1 +49 5221 993601-3	info@en-crops.de www.en-crops.de
ENDO	ENDO PLANT HEALTH Inc. 113 Spring Azure CA Ontario L6L 6V8 Oakville	+1 905 847 1457	tmason@endoplanthealth.com



## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
e-nema	e-nema Gesellschaft für Biotechnologie und biologischen Pflanzenschutz mbH Klausdorfer Straße 28-36 DE 24223 Schwentinental	+49 4307 8295-0 +49 4307 8295-14	m.barth@e-nema.de www.e-nema.de
energie+agrar	energiePLUSagrar GmbH Gerokweg 13 DE 73457 Essingen	+49 7365 41700-70	heribert.schaedel@energiePLU Sagrar.de www.energiePLUSagrar.de
Engelhart	Ludwig Engelhart - Organische Düngemittel Schloßgut Erching DE 85399 Hallberghaus	+49 811 1737 +49 811 1604	info@ludwig-engelhart.de www.ludwig-engelhart.de
Envisal	Envisal GmbH Eulenbusch 10 A DE 21391 Reppenstedt	+49 4131 68406-0 +49 4131 68406-20	info@envisal.com www.envisal.com
Eppinger	Eppinger Lebhaftes Gärten Uhlbacher Straße 68 DE 73733 Esslingen am Neckar	+49 711 326107	m.eppinger@eppinger-garten.de www.eppinger-garten.de
ERBER AGRO	ERBER AGRO GmbH Obergroßau 155 AT 8261 Sinabelkirchen	+43 6644 367647	erber-agro@aon.at www.erber-agro.at
esco	esco - european salt company GmbH & Co. KG Landschaftstraße 1 DE 30655 Hannover	+49 561 9301 2200 +49 511 85030-112	s.schaefer@esco-salt.com www.esco-salt.com
Evergreen	Evergreen Garden Care Deutschland GmbH Wilhelm-Theodor-Römheld-Straße 30 DE 55130 Mainz	+49 6131 2106-0 +49 6131 2106-384	beratung@evergreengarden.com www.evergreengarden.de
Falter & Steiner	BIOGARTEN Falter & Steiner GmbH Ruhnsberg 3 DE 84568 Pleiskirchen	+49 151 4662 5739	info@falter-naturduenger.de www.falter-naturduenger.de
Farmgreen	FARMGREEN GmbH Dorfbauerschaft 10 DE 48493 Wettringen	+49 2557 41692-08 +49 2557 41692-25	mail@farmgreen.de www.farmgreen.de
Farmworker	Farmworker GmbH Seelenwald 10/1 DE 88422 Kanzach	+49 7582 9169-2 +49 7582 9169-1	info@farmworker.de www.farmworker.de
Feldsaaten Freudenberger	Feldsaaten Freudenberger GmbH & Co. KG Magdeburger Straße 2 DE 47800 Krefeld	+49 2151 4417-0 +49 21514417-433	info@freudenberger.net www.freudenberger.net
Fels-Werke	Fels-Werke GmbH Kalte Tal 1a DE 38875 Oberharz am Brocken / OT Elbingerode	+49 39454 58-441 +49 39454 58-445	martin_verfuerden@fels.de www.fels.de
Ferm O Feed	Ferm O Feed B.V. Postfach 12 NL 5480 AA Schijndel	+31 7354 31008 +31 7354 98360	info@fermofeed.com www.fermofeed.com
FermWell	FermWell GmbH Ohlenberger Weg 24 DE 53545 Ockenfels	+49 2644 954071 +49 2644 980572	info@fermwell.de www.fermwell.de

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
Fertikal	Fertikal N.V. Molenweg 9 BE 9130 Beveren	+32 3570 0180 +32 3575 8615	vle@fertikal.be www.fertikal.be
Fertira	Fertira - Ranschaert bvba Bevrijdingslaan 8 BE 8700 Tielt	+032 51500 800 +32 51500 803	info@fertira.com
FINK TEC	FINK TEC GmbH Oberster Kamp 23 DE 59069 Hamm	+49 2385 73-0 +49 2385 73-349	info@finktec.com www.finktec.com
Fiterra	Fiterra GmbH Wallstraße 11 DE 14770 Brandenburg an der Havel	+49 152 2634 7376	info@fiterra.eu www.fiterra.eu
Flügel	Flügel GmbH Eisdorfer Straße 21 DE 37520 Osterode am Harz	+49 5522 31242-0 +49 5522 31242-40	info@fluegel-gmbh.de www.fluegel-gmbh.de
Freriks	Freriks BV Europaweg 18 NL 8181 BH Heerde	+31 578 695442 +31 578 695413	info@pfhs.nl www.pfhs.nl
Fritzmeier	Fritzmeier Umwelttechnik GmbH & Co. KG Dorfstraße 7 DE 85653 Großhelfendorf	+49 8095 87339-400 +49 8095 87339-471	a.kammerer@fritzmeier.com www.biotaurus.com
Futerri	Futerri GmbH Binger Straße 6 DE 55435 Gau-Algesheim	+49 171 101 5528	arnim.weyrich@gmx.de
GEA Farm Technologies	GEA Farm Technologies GmbH Siemensstraße 25-27 DE 59199 Bönen	+49 2383 93-7110 +49 2383 93-7106	info@gea.com www.gea.com
Genetti	Genetti ECO GmbH Goldeggstraße 2 IT 39011 Lana	+39 340-0620938 +39 0473 559042	info@genettieco.com
Geofert	GeoFert Germany GmbH Koppelbergstraße 4 DE 17166 Teterow	+49 3996 1578 763 +49 3996 1578 764	info@geofert.de www.geofert.de
GFR mbH	GFR mbH Schweinfurter Straße 6 DE 97080 Würzburg	+49 931 90080-0 +49 931 90080-30	info@gfr-mbh.com www.gfr-mbh.com
Globachem	Globachem N.V. Lichtenberglaan 2019 BE 3800 St. Truiden	+32 1178 5717 +32 1168 1565	globachem@globachem.com www.globachem.com
gpi green partners international	gpi green partners international GmbH & Co. KG Rockwoolstraße 14 DE 45966 Gladbeck	+49 2043 3796-0 +49 2043 3796-50	info@g-p-i.de
Gramoflor	Gramoflor GmbH & Co. KG Diepholzer Straße 173 DE 49377 Vechta	+49 4441 9997-0 +49 4441 9997-70	vertrieb@gramoflor.de www.gramoflor.de

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
Green Innovation	Green Innovation SARL Rue des Pres 61 LU 2349 Luxembourg	+35 267 167100-0	luxgreeninnovation@gmail.com www.green-innovation.lu
Green Raise	GREEN RAISE Schaler Straße 16 DE 49832 Freren	+49 1577 3576448	info@green-raise.de www.green-raise.de
Green Seal	Green Seal Company Carrera 86 #6-11 CO 760001 Cali	+573137373798	certification@greensealcompany.com www.greensealcompany.com
GreenA	GreenA B.V. Amsterdam Science Park 406, Matrix V NL 1098 XH Amsterdam	+31 20 888 450	info@greena.nl www.squall.de
Greenduck	GREENDUCK GmbH Münsterstraße 111 DE 48155 Münster	+49 2506 9309-0 +49 2506 9309-50	info@greenduck.com www.great-organics.de
GRENA	GRENA S.r.l. Via Offia 5 IT 37047 San Bonifacio (VR)	+39 045 7610100 +39 045 7610636	grena@grena.com www.grena.com
grünerdüngen	grünerdüngen GmbH Poetenweg 8 DE 01259 Dresden	+49 351 4076 2910	info@gruenerduengen.de www.kleepura.de
Grünkraft	Grünkraft-Pflanzenstärkungsmittel Hagenheimer Straße 2 DE 86641 Rain-Wallerdorf	+49 8276 767 +49 8276 519409	info@gruenkraft.eu www.gruenkraft.eu
Grupo Agrotecnología	GRUPO AGROTECNOLOGÍA SL Poligono Industrial Puente Alto, parcela 57 ES 03300 Orihuela - Alicante	+34 96 6738 232 +34 96 5302 115	info@agrotecnologia.net www.agrotecnologia.net
Gute Ernte	Gute Ernte Düsseldorfer Straße 68b DE 10719 Berlin	+49 177 3141414 +49 3221 3141414	info@guteernte.shop www.guteernte.shop
H. Wilhelm Schaumann	H. Wilhelm Schaumann GmbH An der Mühlenau 4 DE 25421 Pinneberg	+49 4101 218-2000 +49 4101 218-2299	info@schaumann.de
Hähnel & Möhlenkamp	Agro Team Hähnel & Möhlenkamp OHG Buchenweg 2 DE 49774 Lähden	+49 5964 9399993 +49 5964 1749	service@agroteam-ohg.de www.agroteam-ohg.de
Haifa North West	Haifa North West Europe bv Generaal de Wittelaan 17 BE 2800 Mechelen	+32 15 270811 +32 15 270815	regulatory.hnwe@haifa-group.com www.haifa-group.com
Hannß	Jörg Hannß Mikronährstoff-Fachberatung Abstatter Straße 9 DE 74199 Untergruppenbach	+49 713073-66 +49 713070-44	j.hannss@web.de
Hanse	Hanse Handelskontor Stralsund GmbH Lindenstraße 142 DE 18435 Stralsund	+49 3831 29746-0 +49 3831 29746-4	info@hhks.de www.hhks.de

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
Hanseplant	Hanseplant B.V. Mr. Adriaan Duycklaan 6 NL 2691 AD s-Gravenzande	+31 6226 92889 +49 4131 4006737	rolf.dunkelmann@hanseplant.com www.hanseplant.com
Harden GmbH	Heinrich Harden GmbH Norderquerweg 89 DE 21037 Hamburg	+49 407 233 001	info@harden-gmbh.de www.harden-gmbh.de
Hartsteinwerk Kitzbühel	Hartsteinwerk Kitzbühel GesmbH Franz Cervinka Weg 3 AT 6372 Oberndorf /Tirol	+43 5356 64333-39	info@biolit-natur.com www.biolit-natur.com
Hauert MANNA	Hauert MANNA Düngerwerke GmbH Hahnenbalz 35 DE 90411 Nürnberg	+49 911 9411818-0 +49 911 9411818-1	kontakt@hauert.com www.hauert.de
Hauri	Hans G. Hauri KG Mineralstoffwerke Bergstraße 114 DE 79268 Bötzingen	+49 7663 9390-0 +49 7663 9390-93	info@hauri.de www.hauri.de
HBCO	HBCO EURL 4 rue Commandant Martial Reynier FR 67250 Hunspach	+33 388 545 174	contact@hbco.fr www.hbco.fr
Hechenbichler	Hechenbichler Deutschland GmbH Stethaimerstraße 51 DE 84034 Landshut	+49 871 2054906-0 +49 871 2054906-9	office@amalgerol.com www.amalgerol.com
Heforma	Heforma GmbH Funnemannstraße 15 DE 59379 Selm	+49 2592 97703-0 +49 2592 97703-26	info@heforma.de www.heforma.de
hego	hego Düngemittelwerk GmbH Im Abel 24 DE 67578 Gimbsheim	+49 6249 4041 +49 6249 6288	info@hego-duenger.de www.hego-duenger.de
HeGo Biotec	HeGo Biotec GmbH Goerzallee 305b DE 14167 Berlin	+49 30 847185-50 +49 30 847185-60	info@hego-biotec.de www.hego-biotec.de
Heinr. Propfe	Heinr. Propfe chem. Fabrik GmbH Düsseldorferstraße 9-11 DE 68219 Mannheim	+49 621 895061 +49 621 891240	propfe-mannheim@t-online.de www.propfe-pflanzenpflege.de
Heisterner	Heisterner Handelsgesellschaft mbH Pierer Straße 2 DE 52379 Langerwehe	+49 24239 4230 +49 24239 42323	info@hack-duenger.de www.hack-duenger.de
hentschke + sawatzki	hentschke + sawatzki CHEMISCHE FABRIK GMBH Leinestraße 17 DE 24539 Neumünster	+49 4321 9872-0 +49 4321 9872-99	info@hentschke-sawatzki.de www.hentschke-sawatzki.de
HK-Enterprise	HK-Enterprise GmbH Ewald-Holt-Straße 8 DE 49716 Meppen	+49 5931 4962470	info@tiergesundheit-emsland.de www.tiergesundheit-emsland.de
Hofmann Nutrition	Hofmann Nutrition AG Industriestraße 27 CH 4922 Bützberg	+41 62 958 8080 +41 62 958 8096	info@hokovit.ch www.hokovit.ch
Höfter GmbH	Höfter GmbH Hauptstraße 2 DE 84106 Volkenschwand	+49 8754 236 +49 8754 292	gudrun@hoefter.de
Höltken	Höltken Solutions GmbH Am Stadtwalde 15 DE 48432 Rheine	+49 5971 9808 390 +49 5971 87000	info@hoeltkensolutions.com www.hoeltkensolutions.com

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
HRD	HRD GmbH Dingsfelder Weg 2 DE 26215 Wiefelstede	+49 4402 598-506 +49 4402 598-104	reinken.h@t-online.de www.happy-green.eu
Hufgard	Hufgard GmbH Antoniusstraße 2-4 DE 63768 Rottenberg	+49 6024 6739-0 +49 6024 6739-70	axel.trumpfheller@hufgard.de www.hufgard.de
Humintech	Humintech GmbH Am Pösenberg 9-13 DE 41517 Grevenbroich	+49 2181 70676-0 +49 2181 70676-22	info@humintech.com www.humintech.com
Iberlatyna Spain	Iberlatyna Spain S.L. Plaza de la Solidaridad 12 ES 29006 Málaga	+34 951 9417 17 +34 951 9417 00	info@iberlatyna.com www.iberlatyna.com
ICL Deutschland	ICL Deutschland Vertriebs GmbH Veldhauser Straße 197 DE 48527 Nordhorn	+49 5921 71359-0 +49 5921 71359-25	info.deutschland@icl-group.com www.icl-sf.com
ICL Fertilizers	ICL Fertilizers Deutschland GmbH Giulinistraße 2 DE 67065 Ludwigshafen	+49 621 5793745	verkauf@icl-group.com www.iclfertilizers.com
Idai	IDAI NATURE S.L. C/Moscú 10 ES 46185 La Pobla de Vallbona / Valencia	+34 96166 1414 +34 96 00 74166	info@idainature.com www.idainature.com
ILSA S.p.A.	ILSA S.p.A. Via Quinta Strada 28 IT 36071 Arzignano	+39 0444 452020 +39 0444 456864	ilsa@ilsagroup.com www.ilsagroup.com
Inferin	INFERIN S.L C/Sant Crist, 20, 2N, B ES 25600 Balaguer	+34 9734 51038 +34 9734 47369	inferin@inferin.com
Ingenieurbüro Lüdicke	Ingenieurbüro Hans-Ulrich Lüdicke Storkower Straße 158 DE 10407 Berlin	+49 30 9900 5187 +49 30 4195 4251	office@ecoengineering.berlin www.ecoengineering.berlin
Innovaciones Biológicas	Innovaciones Biológicas Gaspard Polanco N° 58 DO Bella Vista Santo Domingo	+1 809 958 9188	alopez@innovacionesbiologicas.com www.innovaciones
Inoq	Inoq GmbH Solkau 2 DE 29465 Schnega	+49 5842 981672 +49 5842 493	info@inoq.de www.inoq.de
Inter-Harz	Inter-Harz GmbH Rostock-Koppel 10 DE 25365 Klein Offenseth-Sparrieshoop	+49 4121 2608-0 +49 4121 2608-19	lb@interharz.de www.interharz.de
InterHygiene	InterHygiene GmbH Neufelder Straße 30 DE 27472 Cuxhaven	+49 4721 7340-0 +49 4721 7340-20	info@interhygiene.de www.interhygiene.de
Interlac	Interlac Germany GmbH Auenheimer Mühle DE 77694 Kehl	+49 7851 5072 +49 7851 5766	info@interlac.de www.interlac.de
INTERTIM	INTERTIM d.o.o. Alagovićeva 34 a HR 10000 Zagreb	+385 1 800 1000	info@intertim.hr www.intertim.hr

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
Intrachem	Intrachem Bio Deutschland GmbH & Co. KG Bahnhofstraße 52 DE 65520 Bad Camberg	+49 6434 905510-0 +49 6434 905510-99	info@intrachem-bio.de www.intrachem-bio.de
Inwa	IN-WA-QUARZ GmbH & Co. KG Katzien 1 DE 29571 Rosche	+49 5803 891 +49 5803 1540	info@inwaquarz.de www.inwaquarz.de
IPUS	IPUS Mineral- und Umwelttechnologie GmbH Werksgasse 281 AT 8786 Rottenmann	+43 3614 3133 +43 3614 3133-43	office@ipus.at www.ipus.at
Isagro	ISAGRO SPA Via Caldera 21 IT 20153 Milano	+39 02 40901-1 +39 02 40901-287	isagro@isagro.com www.isagro.com
Isola	Isola Vermiculite GmbH Poststraße 34 DE 45549 Sprockhövel-Hasslinghausen	+49 2339 7041 +49 2339 3308	info@isola-vermiculite.de www.isola-vermiculite.de
Italpollina	Italpollina Deutschland Sonnenwendstraße 16 DE 83229 Aschau im Chiemgau	+49 8052 711479-0 +49 8052 711479-1	info@italpollina.de www.italpollina.de
Jadis	Jadis Additiva Agri B.V. Schie 38 NL 3111 PN Schiedam	+31 1027 31789 +31 10246 0912	info@jadis-agri.com www.jadis-agri.com
jbs gmbh	joachim behrens scheeßel gmbh Celler Straße 60 DE 27374 Visselhövede	+49 4262 2074-0 +49 4262 2074-740	service@jbs.gmbh www.jbs.gmbh
Jost	JOST GmbH Giesestraße 4 DE 58636 Iserlohn	+49 2371 9485-0 +49 2371 9485-35	service@jost-group.com www.jost-group.com
K+S Minerals and Agriculture	K+S Minerals and Agriculture GmbH Bertha-von-Suttner-Straße 7 DE 34131 Kassel	+49 561 9301-2260 +49 561 9301-46906	Peter.Scheer@k-plus-s.com www.kpluss.com
Kalkwerk Hehlen	Kalkwerk Hehlen GmbH Hauptstraße 58 DE 37619 Hehlen	+49 5533 9731-0 +49 5533 9731-29	Verkauf@kalkwerk-hehlen.de www.kalkwerk-hehlen.de
Kanters	Kanters Special Products BV De Stater 32 NL 5737 RV Lieshout	+31 499 425600	info@kanters.nl www.kanters.nl
Karner	Karner Düngerproduktion GmbH Filderhauptstraße 78 DE 70599 Stuttgart	+49 711 945931-95 +49 711 945931-96	liebemann@duenger-akra.de www.duenger-akra.de
Kerbl	Albert Kerbl GmbH Felizenzell 9 DE 84428 Buchbach	+49 8086 933-100 +49 8086 933-500	info@kerbl.com www.kerbl.com
Kersia	Kersia Deutschland GmbH Oberbrühlstraße 16-18 DE 87700 Memmingen	+49 8331 8360-0 +49 8331 8360-50	markus.funk@kersia-group.com www.anti-germ.de

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Short form	Address	Telephone, Fax	E-Mail, Internet
KESLA PHARMA	KESLA PHARMA WOLFEN GMBH Keslastraße 1 DE 06803 Bitterfeld-Wolfen	+49 3494 6995-30 +49 3494 6995-29	info@kesla.de www.kesla.de
Keyzers	KEYZERS Pflanzen- und Blumenwelt GmbH Gocher Straße 89 DE 47589 Uedem	+49 2825 8296 +49 2825 6421	info@keyzers.de www.keyzers.de
Kimitec	Agroindustrial Kimitec S.L. Calle Santa Marta 13 ES 04740 Roquetas de Mar (Almería)	+34 950 341662 +34 950 551190	export@kimitec.es www.kimitec.es
Klasmann- Deilmann	Klasmann-Deilmann GmbH Georg-Klasmann-Straße 2-10 DE 49744 Geeste	+49 5937-310 +49 5937-279	info@klasmann-deilmann.com www.klasmann-deilmann.com
Kleeschulte	Kleeschulte Erden GmbH & Co. KG Briloner Straße 14 DE 59602 Rүthen	+49 2952 9726-0 +49 2952 9726-38	erden@kleeschulte.de www.kleeschulte.de
Klose	Klose GmbH Martinsbergstraße 3c DE 56626 Andernach	+49 2632 945972 +49 2632 946855	siegfried.klose@ klose-handel.de
Klose und Debus	eierschachteln.de Klose & Debus GbR Oelrother Straße 6 DE 53809 Ruppichterorth	+49 2293 81925-0	kontakt@eierschachteln.de www.eierschachteln.de
Knapkon	Knapkon Jochen Knappe Obere Straße 7/1 DE 72636 Frickenhausen	+49 7021 98014-0 +49 7021 98014-20	post@knapkon.de www.knapkon.de
Knauf Aquapanel	Knauf Performance Materials GmbH Kipperstraße 19 DE 44147 Dortmund	+49 231 9980-01 +49 231 9980-183	perlite.info@knauf.com www.perligran.com
Knoll	Anton Knoll GmbH & Co. KG Dorfstraße 1 DE 49744 Geeste	+49 5963 98292-11 +49 5963 98292-30	jk@anton-knoll.de www.anton-knoll.de
Kohaupt	Landhandel Ralf Kohaupt Im Tännle 17 DE 79848 Bonndorf	+49 7703 7083 +49 7703 932744	info@landhandel-ralf-kohaupt.de www.landhandel-ralf-kohaupt.de
Köhler Kalk	Köhler Kalk GmbH Steingasse 6 DE 37290 Meißner-Vockerode	+49 5657 91940	info@koehlerkalk.de www.koehlerkalk.de
Kompent Entsorgung	Kompent Entsorgung GmbH Zschettgauer Straße 3 DE 04838 Jesewitz	+49 34241 56900-0 +49 34241 56900-33	entsorgung@kompent.de www.kompent.de
Kompomo	Kompomo GmbH Buchli 176 CH 3176 Neuenegg	+31 741 22 37 +31 741 22 38	info@kompomo.ch www.kompomo.ch
Koppert	Koppert B.V. Veilingweg 14 NL 2651 BE Berkel en Rodenrijs	+31 10 5140444 +31 10 5115203	info@koppert.nl www.koppert.com

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
Kulms	Fa. Egon Kulms Ing., Inhaber Jürgen Pieles e.K. Handel & Vertrieb Bahnhofstraße 15 DE 37632 Eschershausen	+49 5534 94014 +49 5534 94015	info@kulms.com www.kulms.com
Laboratorios Econatur	Laboratorios Econatur S.L. Pol. Industrial Autovía Norte ES 14100 La Carlota	+34 95730 3013 +34 95730 2096	registros@econatur.net
Lallemand	Lallemand SAS Rue des Briquetiers 19 FR F-31702 Blagnac	+33 562 7455-18 / +49 172 1316780 (DE) +33 562 7455-00	larnaud@lallemand.com / cscheidemann@lallemand.com (DE) www.lallemandanimalnutrition.com/de
Lebosol	Lebosol Dünger GmbH Wiesengasse 28 DE 67471 Elmstein	+49 6328 98494-0 +49 6328 98494-90	info@lebosol.de www.lebosol.de
LEHNER	LEHNER Agrar GmbH Häuslesäcker 5-9 DE 89198 Westerstetten	+49 7348 9596-24 +49 7348 9596-40	landhandel@lehner.eu www.lehner-agrar.de
Leiber	Leiber GmbH Hafenstraße 24 DE 49565 Bramsche	+49 5461 93030 +49 5461 930329	info@leibergmbh.de www.leibergmbh.de
Lesaffre	Phileo by Lesaffre Animal Care, S.I. Lesaffre 137, rue Gabriel Péri FR 59700 Marcq-en-Baroeul		www.phileo-lesaffre.com
Lexa	Xaver Scheule GmbH Lexa®-Tierernährung Riedweg 12 DE 87757 Kirchheim	+49 8266 8625-0 +49 8266 8625-28	info@lexa-agrar.de www.lexa-agrar.de
LIDA	LIDA PLANT RESEARCH S.L. Granja-P.I.J.Carlos I ES 46440 Almussafes	+34 9617 67033 +34 9617 67032	www.lidaplantresearch.com
Lithos	Lithos Natural GmbH Wirtschaftspark Straße 2/8 AT 4482 Ennsdorf	+43 7223 86161-0 +43 7223 86161-15	office@lithosnatural.at www.lithosnatural.at
Lukeneder	Lukeneder GmbH Biogas & Tierhygiene Dr.-Friedrichs-Ring 41 DE 08056 Zwickau	+49 375 8739 979-0 +49 375 8739 979-9	info@lukeneder.de www.lukeneder.de
Lysoform Vetfarm	Lysoform Vetfarm GmbH Kaiser-Wilhelm-Straße 133 DE 12247 Berlin	+49 800 1011 765 +49 30 2349 3599	info@lysoform-vetfarm.de www.lysoform-vetfarm.de
M4 Bio	M4 Bio GmbH & Co. KG Dorfaue 59 DE 16727 Oberkrämer		reiling@m4bio.de
Mack	Mack bio-agrar GmbH Wiesenstraße 39 DE 73614 Schorndorf	+49 711 957949-11 +49 711 957949-81	verkauf@mack.bio-agrar.de www.mack.bio-agrar.de
Mairol	Mairol GmbH Bahnhof 5 DE 89547 Gussenstadt	+49 7323 9613-0 +49 7323 9613-13	info@mairol.de www.mairol.de



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Maltaflor	Maltaflor Europa GmbH Parkstraße 47 DE 56145 Boppard	+49 2632 9483-20 +49 2632 9483-21	info@maltaflor.de www.maltaflor.de
Maschinenring	Maschinenring Tuttlingen-Stockach GmbH Rudolf-Diesel-Straße 10 DE 78576 Emmingen-Liptingen	+49 7465 929677-0 +49 7465 929677-90	info@mr-tut-sto.de www.mr-tut-sto.de
Max F. Keller	Max F. Keller Chemikalien-großhandel GmbH Einsteinstraße 14a DE 68169 Mannheim	+49 621 32279-0 +49 621 32279-27	info@keller-mannheim.de www.keller-mannheim.de
meinBiogarten	meinBiogarten Gerhard Schumacher Nitzenweiler 17 DE 88079 Kressbronn	+49 7543 547 331	info@mein-biogarten.com www.mein-biogarten.com
Melotis	Melotis GmbH Grüner Weg 1 DE 21271 Asendorf	+49 4183 774484 +49 4183 774632	info@melotis.de www.melotis.de
Menno	MENNO CHEMIE-VERTRIEB GMBH Langer Kamp 104 DE 22850 Norderstedt	+49 40 5290667-0 +49 40 5290667-66	info@menno.de www.menno.de
Microsol	Microsol-Biozida Handels-GmbH Leinestraße 17 DE 24539 Neumünster	+49 4321 9838-0 +49 4321 9838-99	info@microsol-biozida.de www.microsol-biozida.de
MikroVeda	MikroVeda GmbH Im Kuckucksfeld 1 DE 47624 Kevelaer-Twisteden	+49 2832 9727810 +49 2832 9727869	KurtWalter.Lau@mikroveda.de www.mikroveda.eu
MONTEX	MONTEX GmbH Horber Gässle 7 DE 72186 Empfingen	+49 7485 99808-0 +49 7485 99808-8	montex@montex-gmbh.de www.montex-gmbh.de
Moser Niem-Handel	Niem-Handel Gerald Moser Waldstraße 3 DE 64579 Gernsheim	+49 6258 94955-5 +49 6258 94955-7	kontakt@niem-handel.de www.niem-handel.de
MSH Moderne Stallhygiene	MSH Moderne Stallhygiene oHG - Brandt & Korth Maybachstraße 38-42 DE 90441 Nürnberg	+49 911 1487 0474-0 +49 911 1487 0474-9	info@moderne-stallhygiene.de www.moderne-stallhygiene.de
MTD Products	MTD Products Aktiengesellschaft Industriestraße 23 DE 66129 Saarbrücken	+49 6805 79-0 +49 6805 79-442	mtd.deutschland@mtdproducts.com www.mtdproducts.eu
Mühdorfer Nutrition	Mühdorfer Nutrition AG Edisonstraße 11 DE 84453 Mühdorf	+49 8631 98822-0 +49 8631 98822-55	info@muehdorfer-ag.de www.muehdorfer-pferdefutter.de
Müllerkalk	Nikolaus Müller Kalkwerk-Natursteinwerke GmbH & Co. KG Industriestraße 6 DE 54579 Üxheim-Ahütte	+49 2696 9222-99 +49 2696 9222-42	info@muellerkalk.de www.muellerkalk.de
Multikraft	MULTIKRAFT Produktions- und HandelsgmbH Sulzbach 17 AT 4632 Pichl/Wels	+43 7247 50250-112 +43 7247 50250-912	info@multikraft.at www.multikraft.com

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
Mykonor	Mykonor UG (haftungsbeschränkt) Zur Siedlung 10 DE 04808 Lossatal-Falkenhain	+49 34262 448-55 +49 34262 448-65	kontakt@mykonor.de www.mykonor.de
nadicom	nadicom Gesellschaft für angewandte Mikrobiologie mbH Siemensstraße 23 DE 73066 Uhingen	+49 171 8112192	verkauf@rhizopower.com www.rhizopower.com
Naram	Naram e.K. Altvaterstraße 110 DE 93309 Kelheim	+49 163 3309492	naram@biohumax.de www.biohumax.de
NaturGleich	NaturGleich UG (haftungsbeschränkt) Tussenhausener Straße 26 DE 86874 Tussenhausen- Zaisertshofen	+49 8268 9087 495 +49 8268 9087 496	mail@naturgleich.de www.naturgleich.de
NaturRat	Karl-Rainer Figge e.K. Vilser Schulstraße 21 DE 27305 Bruchhausen-Vilsen	+49 4252 9099986 +49 4252 9099987	info@naturrat.de www.naturrat.de
naturesache	naturesache.de Eichamtstraße 1 DE 14776 Brandenburg an der Havel	+49 3381 347247	info@naturesache.de www.naturesache.de
NCH Agrobiz	NCH Agrobiz GmbH & Co KG Talstraße 51 DE 50170 Kerpen	+49 2275 919668 +49 2275 919669	info@nature-can-help.de
NEOVIA	NEOVIA GmbH & Co. KG Tobagostraße 5 DE 27356 Rotenburg-Wümme	+49 4261 67269-0 +49 4261 67269-29	michael.huckfeldt@neovia.de www.neovia.de
Neudorff	W. Neudorff GmbH KG An der Mühle 3 DE 31860 Emmerthal	+49 5155 6244-129 +49 5155 6244-139	b.utenwiehe@neudorff.de www.neudorff-handel.de
NORDOX	NORDOX A.S. Østensjøveien 13 NO 0661 Oslo	+47 2297 5000 +47 2264 1208	marketing@nordox.no www.nordox.no
Nordzucker	Nordzucker AG Postfach 49 21 DE 38039 Braunschweig	+49 5335 802-128 +49 5335 802-123	thilo.hahnkemeyer@nordzucker.com www.nordzucker.de
NOR-FEED	NOR-FEED SAS 3 rue Amedeo Avogadro FR 49070 Beaucouzé	+32 465 956676	contact@norfeed.net www.norfeed.net
NOVADAN	NOVADAN APS Platinvej 21 DK 6000 Kolding	+45 7634 8400	tlt@novadan.dk www.novadan.dk
Novagrar	Novagrar GmbH & Co. KG Lindenstraße 42 DE 27389 Stemmen	+49 170 217 2830	nottorf@novagrar.de www.novagrar.de
Novaprot	NOVAPROT GmbH Sonnenstraße 1A DE 84571 Reischach	+49 8670 986 836 +49 8670 986 938	info@novaprot.de www.novaprot.de

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NovoCarbo	NovoCarbo GmbH Trinkbornstraße 15-17 DE 56281 Dörth	+49 6747 9538 822-2 +49 6747 9538 822-9	info@novocarbo.com www.novocarbo.com
Novozymes	Novozymes France SAS 60, Route de Sartrouville, Bât. 6, Parc de Grillons FR 78230 Le Pecq	+33 13015 2840 +33 13015 1545	ordersnzb@novozymes.com www.novozymes.com
NSM Naturstein	NSM Natursteinwerk Mesenich GmbH & Co. KG Am Sportplatz 1 DE 54308 Langsur-Mesenich	+49 6501 6052-14 +49 6501 6053-24	m.luebbers@nsm-steinwerk.de www.nsm-steinwerk.de
Nuproxa	Nuproxa Switzerland Ltd. La Romanèche 2C CH 1163 Etoy VD	+41 2180 72428	info@nuproxa.ch www.nuproxa.ch
NutraPet Systems	NutraPet Systems Deutschland GmbH Nürtinger Straße 62 DE 72667 Schlaitdorf	+49 7127 960 77-0 +49 7127 960 77-20	info@nutrapet.de www.nutrapet.de
NUTRICROP	NutriCrop S.L. Austria 17 Bloque 2, 4C ES 04009 Almería	+34 6950 385 175 +34 350 611 332	info@nutricrop.es www.nutricrop.es
Oekotec	GERMAN OEKOTEC GmbH & CO. KG Osnabrücker Straße 133 DE 49324 Melle	+49 5422 91011-7 +49 5422 91011-99	post@german-oekotec.de www.german-oekotec.de
OFM	Organic Chemical Fertilizers of Macedonia S.A. Larissas National Rd (7th km) GR 60100 Katerini	+30 2351 020635 +30 2351 021387	lipasmata_makedonias@yahoo.gr www.ofm.gr
Oker	Rohstoffbetriebe Oker GmbH & Co. KG Harlingeroder Straße 4 DE 38644 Goslar	+49 5321 3356-0 +49 5321 3356-40	info@rohstoffbetriebe.de www.rohstoffbetriebe.de
ökohum GmbH	ökohum GmbH Obere Bergenstraße 8 DE 88518 Herbertingen	+49 7586 9212-0 +49 7586 9212-24	info@oekohum.de www.oekohum.de
Olmix GmbH	Olmix GmbH Am Staden 13 DE 66121 Saarbrücken	+49 5132 58944-14 +49 5132 58944-15	jtornau@olmix.com www.olmix.com
Olmix SA	Olmix SA ZA du Haut du Bois FR 56580 Bréhan	+33 297 388-103 +33 297 388-658	contact@olmix.com www.olmix.com
OmniCult	OmniCult FarmConcept GmbH Wiesletstraße 1 DE 65549 Limburg	+49 6431 2807560 +49 6431 2807561	info@omnicult.net www.omnicult.net
Omya	Omya GmbH Siegburger Straße 229 c DE 50679 Köln	+49 221 3775-0 +49 221 371864	www.omya.com

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Short form	Address	Telephone, Fax	E-Mail, Internet
Oreganofarm	Oreganofarm GmbH Luisenplatz 3c DE 14471 Potsdam	+49 177 7481 530	info@oreganofarm.de www.oreganofarm.de
Orffa B.V.	Orffa Additives B.V. Vierlinghstraat 51 NL 4251 LC Werkendam	+31 1834 4477-66	info@orffa.com www.orffa.com
Orgaeco	T.F. Orgaeco 2.010 SL Oporto 8 ES 30700 Torre Pacheco	+34 653 852001	tassonephilippe@hotmail.com www.jbtbio.com
ORGANICOS PEDRIN	ORGANICOS PEDRIN S.L. Paraje La Asomada, 20 pta. 358 ES 30550 Abarán	+34 9684 34253	calidad@organicospedrin.com
organics Gbr	organics Gbr. Eichenstraße 3 DE 89420 Höchstädt (Donau)	+49 9074 3208 +49 9074 922 0629	info@organics-int.net www.organics-int.net
Organika Nova	Organika Nova LTD Vasil Gjorgov 33-A/58 MK 1000 Skopje	+38 975 382 926	vuk@organikanova.com www.organikanova.com
Oro Agri	Oro Agri International Ltd. Bankastraat 75 NL 9715CJ Groningen	+31 50 820 0411	malazet@oroagri.com
Oscorna	OSCORNA-DÜNGER GmbH & Co. KG Erbacher Straße 41 DE 89079 Ulm	+49 731 94664-0 +49 731 481291	info@oscorna.de www.oscorna.de
OSENUM	OSENUM Ges. für Energie- und Umweltmanagement e.U. Sterngasse 3/2 AT 1010 Wien	+43 664 657 8031 +49 3212 1144 710	office@osenum.com www.osenum.com
Otterbein	Zement- und Kalkwerke Otterbein GmbH & Co. KG Hauptstraße 50 DE 36137 Großelnöder-Müs	+49 6648 68-0 +49 6648 68-400	info@zkw-otterbein.de www.zkw-otterbein.de
Palaterra	Palaterra Betriebs- und Beteiligungsgesellschaft mbH Hofstraße 5 DE 67822 Hengstbacherhof	+49 6362 9221-15 +49 6362 9221-29	anwendung@palaterra.eu www.palaterra.eu
PBI Austria	PBI Austria GmbH Fabriksplatz 1/22 AT 4662 Steyermühl	+43 676 4046400	office@pbi-austria.at www.pbi-austria.at
pemmiproducts	pemmiproducts Gerhart-Hauptmann-Straße 3 DE 52078 Aachen	+49 241 521460 +49 241 60849545	info@pemmi.de www.pemmi.de
Penergetic	Penergetic Vertrieb Deutschland e. K. Im Gröber 7 DE 88662 Überlingen	+49 7551 9478-41 +49 7551 9478-43	info@penergetic.de www.penergetic.de
Pevesa	PEVEsa Biotech S.A. Avenida de la industria S/N ES 41520 El viso del Alcor	+34 9559 46024	imielgo@pevesa.com www.pevesa.com
Pflanzen- und Bodenpflege	Pflanzen- und Bodenpflege Begnizweg 15 DE 97996 Niederstetten	+49 7932 60210	post@karl-sachsenheimer.de www.bodenundpflanzen.de

## Company addresses

Short form	Address	Telephone, Fax	E-Mail, Internet
Pflanzenkrafft	Pflanzenkrafft GmbH In den Büterbergen 2 DE 49577 Kettenkamp	+49 17033 73887	hans.wessels1@web.de www.pflanzenkrafft.de
Phytobiotics	Phytobiotics Futterzusatzstoffe GmbH / Senso Power Fürschlag 1 DE 91564 Neuendettelsau	+49 9874 504828-11 +49 9874 504828-29	a.konold@phytobiotics.com www.phytobiotics.com
Phytosolution	PHYTOsolution Werner Bannach Querfurter Straße 9 DE 06632 Freyburg	+49 34464 61044 +49 34464 61043	info@phytosolution.de www.phytosolution.de
Pireco	Pireco Productie B.V. Chroomstraat 8 B NL 8211 AS Lelystad	+31 320 233 572	w.vangarderen@pireco.nl www.pireco.eu
Plant Health Cure	Plant Health Cure BV Veldweg 7 NL 5061 KJ Oisterwijk	+31 7200 300	info@phc.eu www.phc.eu
Plantaflor	Plantaflor Humus Verkaufs-GmbH Oldenburger Straße 4 DE 49377 Vechta	+49 4441 9263-0 +49 4441 9263-44	info@plantaflor.de www.plantaflor.de
PlantResponse	PlantResponse Biotech S.L. Centro de Empresas Campus de Montegancedo ES 28223 Pozuelo de Alarcon / Madrid	+34 91 0679530	info@plantresponse.com www.plantresponse.com
Plantura	Plantura GmbH Lazarettstraße 4 (RG) DE 80636 München	+49 89 18937598	info@plantura.garden www.plantura.garden
Plasticos Multiform	Plasticos Multiform SAS PO Box 2403 Zona Industrial La Isabela DO Santo Doming Norte	+1 809 224 5284	javier@plasmultiform.com www.plasmultiform.com
PLYMAG	PLYMAG S.L. C/ Dénia 126 ES 03780 Pego (Alicante)	+34 965 570 992 +34 965 570 454	info@plymag.com www.plymag.com
ProFlora	ProFlora GmbH Beckerfelder Straße 96 DE 47269 Duisburg	+49 203 712 99 715 +49 203 713 5418	info@proflora.de www.proflora.de
Profuma	PROFUMA Spezialfutterwerke GmbH & Co. KG Siemensstraße 10 DE 41542 Dormagen	+49 2133 97877-0 +49 2133 97877-51	info@profuma.de www.profuma.de
Progema	Progema GmbH Blankschmiede 6 DE 31855 Aerzen	+49 5155 624 4129 +49 5155 624 4139	info@progema-pflanzenschutz.de www.progema-pflanzenschutz.de
ProGreen	ProGreen GmbH In der Lach 10 DE 66271 Kleinblittersdorf	+49 6805 61510-0 +49 6805 61510-1	info@pro-green.de www.pro-green.de
Progress Agrar	Progress Agrar Handelsges. mbH Am Toberbusch 7 DE 21255 Tostedt	+49 4182 9590-28 +49 4182 9590-29	info@progress-agrar.de

## Company addresses

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Prohama	PROHAMA Produkten-Handel GmbH Edinburger Weg 10 DE 67069 Ludwigshafen	+49 621 66943-0 +49 621 66943-11	prohama.eva@t-online.de www.vinasse.de
ProSAdom	Productos y Servicios Agropecuarios Dominicanos EIRL Avenida Estanislao Reyes '71 DO Mao 61000 Valverde	+1 829 639 6539	ventas@prosadom.com
Protan AG	Protan AG Runkelsstrasse 38 LI 9495 Triesen	+423 375 1525 +423 375 1526	welcome@bioprotan.com www.bioprotan.com
Provinzial Basalt- und Lavawerke	Rheinische Provinzial Basalt- und Lavawerke GmbH & Co. oHG Kölner Straße 22 DE 53489 Sinzig	+49 2642 401-119 +49 2642 401-195	info@rpbl.de www.rpbl.de
PureAg LLC	PureAg LLC 4045 South West Temple US Salt Lake City, Utah 84107	+1 801 651 3201	info@pureagproducts.com www.pureagproducts.com
QUIMETAL INDUSTRIAL	QUIMETAL INDUSTRIAL S.A. Los Yacimientos 1301 CL MAIPU 9260062	+56 2238 17000	www.quimetal.cl
R2 Agro	R2 Agro A/S Mimersvej 1 DK 8722 Hedensted	+45 7674 1200	info@r2agro.com www.r2agro.com
Ralinger Salz	Ralinger Salz Handels-GmbH Europa-Allee 8 DE 54343 Föhren	+49 6502 9393-10 +49 6502 9393-22	verwaltung@ralinger-salz.de www.ralinger-salz.de
Rasen Partner	Rasen Partner GmbH In Tetelrath 52 DE 41844 Wegberg	+49 2434 2403-92 +49 2434 2403-91	info@rasenpartner.de www.rasenpartner.de
Reinelt & Temp	Reinelt & Temp GmbH Daimlerstraße 12 DE 50354 Hürth	+49 2233 9783-22 +49 2233 9783-24	info@rtk-online.de www.rtk-online.de
Remmert	H & W Remmert GmbH Auf dem Anger 1 DE 31195 Lamspringe (OT Irmenseul)	+49 5183 957360 +49 5183 2349	thorsten.remmert@t-online.de
Rendapart	Rendapart NV Wijngaardveld 36 BE 9300 Aalst	+32 53780 574 +32 53785 735	peter.vanthomme@rendapart.com www.rendapart.com
Rettenmaier	J. Rettenmaier & Söhne GmbH + Co. KG Holzmühle 1 DE 73494 Rosenberg	+49 7967 152-690 +49 7967 152-601	info@jrs.de www.jrs.de
Rheinkalk Lhoist	Lhoist Germany Rheinkalk GmbH Am Kalkstein 1 DE 42489 Wülfrath	+49 2058 17279-0 +49 2058 17279-1	agriculture.de@lhoist.com www.lhoist-agriculture.de
RHIZO-MIC	RHIZO-MIC UG Auf dem Ewiger 15 DE 55578 Sankt Johann	+49 6701 901829 +49 6701 3519	sieverdinge@aol.com www.rhizo-mic.com
Rinagro	Rinagro B.V. Buren 4 NL 8756 JP Piaam	+31 515 232 724 +31 515 233 122	info@rinagro.nl www.rinagro.nl

## Company addresses

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RLP	RLP AgroScience GmbH Breitenweg 71 DE 67435 Neustadt/Weinstraße	+49 6321 671-285 +49 6321 671-424	roland.kubiak@agrosience.rlp.de www.agrosience.de
Rösl	Gerhard Rösl GmbH & Co. KG Lohackerstraße 19 DE 93051 Regensburg	+49 941 30761-0 +49 941 30761-23	info@roesl.de
Rötberghof	Rötberghof Klaus Mebus Hauptstraße 36 DE 74423 Obersontheim	+49 7973 910380 +49 7973 929681	info@roetberghof.de www.roetberghof.de
rotie-pharm	rotie-pharm GmbH & Co. KG Industriestraße 44 DE 49082 Osnabrück	+49 541 586535 +49 541 9580343	mail@rotiepharm.com www.rotiepharm.com
RT Chemtronics	RT Chemtronics GmbH Huysenallee 76 DE 45128 Essen	+49 201 245 310 +49 201 245 3150	rtc@rtchemtronics.de www.rtchemtronics.de
RT Recycling	RT Recycling- und Aufbereitungs-GmbH & Co. KG Thüringen Coburger Straße 35 DE 96253 Untersiemau	+49 9565 791-0 +49 9565 791-144	kontakt@amo-debus.de www.amo-debus.de
RWZ Rhein-Main	Raiffeisen Waren-Zentrale Rhein-Main eG Altenberger Straße 1a DE 50668 Köln	+49 221 1638-209 +49 221 1638-254	duengemittel@rwz.de www.rwz.de
S. ANDO Y CIA.	S. ANDO Y CIA. S.A.C.I.I.F. Defensa 540 AR 1065 Ciudad Autónoma de Buenos Aires	+54114342-4459 +54114331-9162	info@andoycia.com.ar www.andoycia.com.ar
Salinen Austria	Salinen Austria AG Steinkogelstraße 30 AT 4802 Ebensee am Traunsee	+43 6132 200-0 +43 6132 200-4100	office@salinen.com www.salinen.com
SaluVet	SaluVet GmbH Stahlstraße 5 DE 88339 Bad Waldsee	+49 7524 4015-0 +49 7524 4015-40	info@saluvet.de www.saluvet.de
SaM	SaM-Power Schmiedestraße 9 DE 27419 Lengenbostel	+49 4282 63499-0 +49 4282 63499-19	info@sam-power.de www.sam-agrar.de
Sanbos	Sanbos GmbH Geraer Straße 14 DE 06712 Gutenborn-Droßdorf	+49 3441 53987-3 +49 3441 53987-4	info@sanbio.eu www.sanbio.eu
Sanovita	Sanovita Produktions- und Vertriebs GmbH Bahnhofstraße 71 DE 78532 Tuttlingen	+49 7461 96645-0 +49 7461 96645-50	info@sanovita-gmbh.de www.sanovita-gmbh.de
Saphium	Saphium Biotechnology GmbH Kapfenstein 105 AT 8353 Kapfenstein	+43 664 4244 865	office@saphium.eu www.saphium.eu
Sapropeet	Sapropeet Deutschland Brockhausener Straße 70 DE 59227 Ahlen	+49 2382 86456 +49 2382 7041141	info@sapropeet-deutschland.de www.sapropeet-deutschland.de

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Saproplant	V. Golub - Saproplant Usedomstraße 1 DE 47167 Duisburg	+49 178 5531320 +49 203 3929 411	v.golub@saproplant.com www.saproplant.com
SAS	Sustainable Agro Solutions S.A. Ctra. N 240, km 110 ES 25100 Almacelles-Lleida	+34 973 740 400 +34 973 741 489	info@sas-agri.com www.sas-agri.com
Schacht	F. Schacht GmbH & Co. KG Bültenweg 48 DE 38106 Braunschweig	+49 531 23803-0 +49 531 23803-30	info@schacht.de www.schacht.de
Schädlings- bekämpfungs- Produkte	Schädlingsbekämpfungs-Produkte Heiko Rether Buchentwiete 44 DE 22846 Norderstedt	+49 40 3085937-3 +49 40 3085937-4	info@sbk-produkte.de www.sbk-produkte.de
Schaumann	Schaumann BioEnergy GmbH An der Mühlenau 4 DE 25421 Pinneberg	+49 4101 218-5400 +49 4101 218-5499	info@schaumann-bioenergy.eu www.schaumann-bioenergy.eu
Schicker	Hartsteinwerke Schicker OHG Rimlasgrund 36 DE 95460 Bad Berneck	+49 9273 997-31 +49 9273 997-70	b.herold@schicker-diabas.de www.schicker-diabas.de
Schippers	SchippersEurope B.V. Rond Deel 12 NL 5531 AH Bladel	+49 2833 92360 +49 2833 623611	verkauf@schippers.eu www.schippers-ms.de
Schneider	Schneider Verblasetechnik e.K. Im grünen Winkel 2 DE 79692 Kleines Wiesental-Wies	+49 7629 919165 +49 7629 919185	info@verblasetechnik.de www.verblasetechnik.de
Scholz	Clemens Scholz Schneeberger Straße 10 DE 12619 Berlin	+49 1737 024 885	clemensscholz@bioeffektory.de
Schön	Albert Schön GmbH Lerchenweg 9 DE 85411 Hohenkammer-Eglhausen	+49 8166 6554 +49 8166 5147	info@albert-schoen.de www.albert-schoen.de
Schopf	Arthur Schopf Hygiene GmbH & Co. KG Pfaffensteinstraße 1 DE 83115 Neubuern	+49 8035 9026-0 +49 8035 9026-900	info@schopf-hygiene.de www.schopf-hygiene.de
SCL Italia	SCL Italia Spa Via Fabio Filzi 25/A-20124 IT 20124 Milano	+39 02677 1681 +39 02677 16820	infoweb@scl.it www.scl.it
SDP	SDP SIÈGE 1 rue Quesnay FR 02000 Laon	+33 323 801018 +33 323 802166	sdp@s-d-p.fr www.s-d-p.fr
Seed and Technology	S & T Seed and Technology GmbH Bösendorfer Straße 1 AT 1010 Wien	+43 676 963 2578	spasha@seedandtech.at www.seedandtech.at
SeedForward	SeedForward GmbH Albert-Einstein-Straße 1 DE 49076 Osnabrück	+49 541 2028088-0	info@seedforward.de www.seedforward.de
SEIPASA	SEIPASA S.A. C/Almudévar, no. 2 ES 22240 Tardiente (Huesca)	+34 9625 41163 +34 9625 41633	pmora@seipasa.com



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Selko	Selko BV Jellinghausstraat 24 NL 5048 AZ Tilburg	+31 13 4680 333 +31 13 4671 698	info@selko.com www.selko.com
Servalesa	SERVALESA Ltd. Jerónimo Roure 45 ES 46520 Puerto de Sagunto, Valencia	+34 96296 1090	desarollo@servalesa.com www.servalesa.com
SF Soepenber	SF Soepenber GmbH Emil-Fischer-Straße 14 DE 46569 Hünxe	+49 281 47556 +49 281 47556-00	sales@soepenber.com www.soepenber.com
Sikma	Sikma D Vertriebs GmbH und Co KG Schürmannstraße 28 DE 48351 Everswinkel	+49 2582 6586-4 +49 2582 6586-5	sikma@gmx.net www.hs-sikma.de
Sipcam	SIPCAM IBERIA, S.L. Beltrán Báguena 5, 11° ES 46009 Valencia	+34 9634 83500 +34 9634 82721	eabril@sipcam.es www.sipcamiberia.es
Snoek GmbH	Snoek GmbH Tannenweg 10 DE 27356 Rotenburg	+49 4268 400 +49 4268 1313	info@snoek-naturprodukte.de www.snoek-naturprodukte.de
Sobac Deutschland	Sobac Deutschland GmbH Lichtestraße 4 DE 24118 Kiel	+49 431 887855-24 +49 431 887855-23	anne.von-muelmann@sobac.de www.sobac.de
Sodasan	Sodasan GmbH Rudolf-Diesel-Straße 19 DE 26670 Uplengen	+49 49564 072-14 +49 49564 072-99	jh@sodasan.com www.sodasan.com
SOJALL	SOJALL Pro Natur GmbH Salzburger Straße 19 AT 5110 Oberndorf	+43 6272 41470 +43 6272 41470-40	office@sojall-naturen.at www.sojall-naturen.at
Solbiosur	Solbiosur SLU C/Torrejón 52 ES 30850 Totana (Murcia)	+34 968 465377 +34 968 473455	cropinfoeurope@alltech.com www.alltech.com/spain
Solid'or	Solid'or B.V. Newtonweg 28 A NL 6101 WX Echt	+31 475 470652 +31 475 318809	wimwiertz@solidor.nl
Solvay	Solvay Chemicals International S.A. Rue de Ransbeek 310 BE 1120 Brüssel	+32 2264 2111	charles.geuens@solvay.com www.solvay.com
Solvoluta	Solvoluta GmbH Hansastraße 66 DE 24118 Kiel	+49 431 556 8299-1 +49 431 556 8299-9	info@solvoluta.de www.solvoluta.de
SONETT	SONETT GmbH Mistelweg 1 DE 88693 Deggenhausen	+49 7555 9295-0 +49 7555 9295-18	info@sonett.eu www.sonett.eu
SP Sourcon	SP SOURCON PADENA GMBH Sindelfinger Straße 3 DE 72070 Tübingen	+49 7071 97552-0 +49 7071 97552-50	info@sourcon-padena.de www.sourcon-padena.com
SPACHEM	SPACHEM S.L. San Roque 15 ES 12004 Castellón	+34 96 2293 093	spachem@spachem.es
Spower	Spower GmbH & Co. KG Tuchmacherstraße 16 DE 84367 Tann	+49 8572 9101-0 +49 8572 9101-2	info@spower-bio.de www.spower-bio.de

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Sters	Sters d. o.o. Prilipe 21d SI 8250 Brezice	+385 91 2400081	robert.stezinar@sters.eu
Stockmeier	Stockmeier Chemie GmbH & Co. KG Am Stadtholz 37 DE 33609 Bielefeld	+49 521 3037-0 +49 521 3037-159	info@stockmeier.de www.stockmeier.de
Stockton	Stockton (Israel) Ltd. Ha' Mefalsim 17 IL 4951447 Petach Tikva	+972 72 257000-0 +972 72 257000-1	info@stockton-ag.com www.stockton-ag.com
Stoller	STOLLER EUROPE S.L.U. P.I. Pla de la Vallonga, C/Alisios 24 ES 03006 Alicante	+34 96 5110522	info@stollereurope.com www.stollereurope.com
Südwestdeutsche Salzwerke AG	Südwestdeutsche Salzwerke AG Salzgrund 67 DE 74076 Heilbronn	+49 7131 959-0 +49 7131 959-177	info@salzwerke.de www.salzwerke.de
Südzucker	Südzucker AG Maximilianstraße 10 DE 68165 Mannheim	+49 621 421-584	info-carbokalk@suedzucker.de www.suedzucker.de; www.carbokalk.de
SUET GmbH	SUET Saat- und Erntetechnik GmbH Sudetenlandstraße 26 DE 37269 Eschwege	+49 5651 9275 +49 5651 927324	info@suet.de www.suet.de
Sumi Agro	Sumi Agro Limited - Deutschland Bürgermeister-Neumeyr-Straße 7 DE 85391 Allershausen	+49 8166-99823-0 +49 8166-99823-20	charlotte.friebe@sumiagro.com www.sumiagro.de
Sumitomo	Sumitomo Chemical Agro Europe SAS 10A rue de la Voie Lactée FR 69370 Saint Didier au Mont d'Or	+33 47864 3260 +33 47864 3260	contact@sumitomo-chem.fr www.sumitomo-chem-agro.com
SW-Düngesysteme	SW-Düngesysteme GmbH Am Exer 10b DE 38302 Wolfenbüttel	+49 5331 9031-11 +49 5331 9031-29	e.stalljann@sw-duenger.de www.sw-duenger.de
Syngenta	Syngenta Agro GmbH Am Technologiepark 1-5 DE 63477 Maintal	+49 6181 9081-0 +49 6181 9081-100	registrierung.deutschland@syngenta.com www.syngenta.de
Syngenta Espana	Syngenta Espana, S.A. Ribera del Loira 8-10 ES 28042 Madrid	+34 913 876410 +34 917 210296	syngenta.es
Techno-Service	Techno-Service GmbH Detmolder Straße 515 DE 33605 Bielefeld	+49 521 924440 +49 521 207432	verkauf@metaflux.de www.metaflux.de
Tectra	Tectra Consulting GmbH Storkower Straße 158 DE 10407 Berlin	+49 30 9900-5187 +49 30 41954-254	info@tectraconsulting.com www.tectraconsulting.com
Tekro	Tekro, spol. s r.o. Višňová 2/484 CZ Prague 4 14000	+420 241 022-111 +420 241 022-222	tekro@tekro.cz www.tekro.cz
terra fit	terra fit GmbH Don-Bosco-Allee 1 DE 96126 Maroldswiesach-Pfaffendorf	+49 9535 188107-0 +49 9535 188107-0	info@terrafit.de www.terrafit.de

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TerraVis	TerraVis GmbH Industrieweg 110 DE 48155 Münster	+49 251 682 2055 +49 251 682 4055	info@terravis-biogas.de www.terravis-biogas.de
Tessengerlo	Tessengerlo Kerley Inc. Troonstraat 130 BE 1050 Brussels	+32 1361 1860	jo.vandormael@tessengerlo.com
Texas	Texas Bio-Energie GmbH & Co. KG Werner-Baumbach-Straße 41 DE 49661 Cloppenburg	+49 4474 9495-0 +49 4474 9495-85	f.aumann@aumann-gruen.de www.texas-bioenergie.de
Thatchtec	Thatchtec BV Agro Business Park 10 NL 6708 PW Wageningen	+31 65315 7488 +31 31745 50189	feil@thatchtec.nl www.thatchtec.nl
THESEO	THESEO Deutschland GmbH Kolpingstraße 4 DE 49835 Wietmarschen	+49 5925 9933-0 +49 5925 1433	info@theseo-biosecurity.com de.theseo-biosecurity.com
Tilco	Tilco Alginure GmbH Holländerkoppel 1a DE 23858 Reinfeld	+49 4533 20800-0 +49 4533 20800-11	info@alginure.de www.alginure.de
TIMAB	TIMAB GmbH Speestraße 24 DE 53840 Troisdorf	+49 22419 25993 +49 22279 08288	khaoula.elabdi@roullier.com
Timac Agro	TIMAC AGRO España, S.A. Pol. Arazuri-Orcoyen c/c 32 ES 31160 Orcoyen	+34948324500 +34948324032	joaquin.segura@timacagro.es www.timacagro.es
Timac DE	TIMAC Agro Deutschland GmbH Speestraße 24 DE 53840 Troisdorf	+49 2241 9259-0 +49 2241 9259-59	info@timac.de www.timac.de
TNR	TNR GmbH Terra Natural Resources Am Langen Steg 4a DE 92637 Weiden i.d. Oberpfalz	+49 961 39035-0 +49 961 37445	info@alginet.com www.tn-resources.de
Torfwerk Moorkultur	Torfwerk Moorkultur Ramsloh Werner Koch GmbH & Co. KG Moorgutstraße 1 DE 26683 Saterland	+49 4498 641 +49 4498 643	torfwerk.moorkultur@ewetel.net www.moorkultur-ramsloh.de
Tremonis	TREMONIS GmbH Brauerei-Nebenerzeugnisse Westfälische Straße 251 DE 44309 Dortmund	+49 231 2506-0 +49 231 2506-39	info@tremonis.de www.tremonis.de
Tribodyn	Tribodyn AG Lange Lage 13 DE 37154 Northeim	+49 5551 98885-0	info@tribodyn.de www.tribodyn.de
Trifolio-M	Trifolio-M GmbH Dr.-Hans-Wilhelmi-Weg 1 DE 35633 Lahnau	+49 6441 20977-0 +49 6441 20977-50	info@trifolio-m.de www.trifolio-m.de
TVA	TVA - Produktions- & Vertriebs Ges.m.b.H. Dorf 156 AT 3343 Hollestein-Ybbs	+43 7445 5131 +43 7445 5131-14	tva@ke-lab.at www.ke-lab.at
UAB Biodinamika	UAB Biodinamika Vytenio g. 46 LT 03229 Vilnius	+370 620 88530	arturas@biodinamika.lt www.biodinamika.lt

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UAB Bioenergy	UAB Bioenergy LT Staniunu Straße 83 LT 36151 Panevėžys	+370 657 48008	info@bio-energy.lt www.bio-energy.lt
Uberto	Uberto GmbH Berger Straße 2 DE 59609 Anröchte	+49 2997 989-178 +49 2947 989-3339	elmar.heither@uberto.de www.provinea.de
UFA-Samen Nützlinge fenaco	fenaco Genossenschaft - UFA-Samen Nützlinge Nordring 2 CH 4147 Aesch	+41 58 434328-2 +41 58 434328-3	nuetzlinge@fenaco.com www.nuetzlinge.ch
Uni Sapon	Uni Sapon GmbH Albert-Schädler-Straße 7 AT 6800 Feldkirch	+43 5522 23440 30	office@uni-sapon.com www.uni-sapon.de
Uniferm	Uniferm GmbH & Co. KG Brede 4 DE 59368 Werne	+49 2389 7978-455 +49 2389 7978-280	hansmartin.schmitz@uniferm.de www.uniferm.de
unipoint	unipoint AG Gewerbestraße 2 CH 8475 Ossingen	+41 52 30520-41 +41 52 30520-42	info@unipoint.ch www.unipoint.ch
UPL	UPL Deutschland GmbH Kölnstraße 107 DE 50321 Brühl	+49 2232 569341-0 +49 2232 569341-9	UPGmbH@uniphos.com www.upldeutschland.de
USUM	USUM Grundstoffaufbereitung und Service GmbH Am alten Tagebau 1 DE 06268 Steigra	+49 34461 58210	s.heinisch@usum-gmbh.de
V Energy	V Energy S.A. Ave. Winston Churchill, Torre Acropolis piso 10 DO 01127 Santo Domingo	+18092274300 +180992274399	philippe.jaurrey@total.com.do www.total.com
Veganosol	Veganosol GmbH Gewerbering 14 DE 84359 Simbach/Inn	+49 8571 9131-33 +49 8571 9131-11	office@veganosol.com www.veganosol.com
Verdesian	Verdesian Life Science Europe Ltd 7 Rotherbrook Court Bedford Road GB Petersfield GU32 3QG	+44 1730 720100	sue.harris@vlsci.com www.vlsci.com
Vetro Star	Vetro Star GmbH Schäferberg 26 DE 89349 Burtenbach	+49 8285 99995 40 +49 8285 99995 41	info@vetro-star.de www.vetro-star.de
Victorian Chemical Comp.	Victorian Chemical Company Pty Ltd. 83 Maffra St. AU Coolaroo 3048/Victoria	+61 3930 17000 +61 3930 97966	peterjones@vicchem.com
Vitalin	Vitalin Pflanzengesundheit GmbH Pragelatostraße 113 DE 64372 Ober-Ramstadt	+49 6154 6238-30 +49 6154 6238-31	info@vitalin.de www.vitalin.de
VKD	Vereinigte Kreidewerke Dammann GmbH & Co. KG Hildesheimer Straße 3 DE 31185 Söhlde	+49 4828 69-0 +49 4828 69-41	info@dammann.de www.dammann.de
Vossen Laboratories	Vossen Laboratories Vertriebs GmbH Eginhardstraße 22 DE 10318 Berlin	+49 30 50 1544 66	info@vossenlaboratories.com www.vossenlaboratories.com

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VUXXX	VUXXX GmbH Friederikenstraße 11 DE 26871 Papenburg	+49 4961 98288-0 +49 4961 98288-24	office@vuxxx.eu www.vuxxx.eu
Waldmann	Waldmann GmbH Herbisried 9 B DE 87730 Bad Grönenbach	+49 8334 256 +49 8334 549	mail@waldmanngmbh.de
Wegscheider Farben	Wegscheider Farben GmbH & Co KG Löwenzahnweg 9 AT 4030 Linz	+43 7323 85080 +43 7323 86836	office@wefa.at www.wefa.at
Wenz GmbH	Friedrich Wenz GmbH Lehenstraße 7 DE 77963 Schwanau	+49 7824 3712 +49 7824 664 181	info@humusfarming.de www.humusfarming.de
WICHI Trade	WICHI Trade GmbH Lederstraße 17 DE 19306 Neustadt-Glewe	+49 38757 557994 +49 38757 557995	info@wichi-trade.de www.wichi-trade.de
WIGOL	WIGOL W. Stache GmbH Textorstraße 2 DE 67547 Worms	+49 6241 4141-0 +49 6241 4141-41	kontakt@wigol.de www.wigol.de
Witatrade	Witatrade GmbH Op'n Kamp 4 DE 21435 Stelle	+49 4174 598582-0 +49 4174 598582-2	info@witatrade.de www.witatrade.de
Witteler GmbH & Co. KG	Witteler GmbH & Co. KG Südring 1 DE 59609 Anröchte	+49 2947 29994-00 +49 2947 29994-99	marketing@witteler.com www.witteler.com
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