



# **Input list 2019**

**for Demeter-International**

# Imprint

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Dear members of Demeter-International, dear partners,

This is the Demeter-International Input list of 2019. 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, the EU-Eco-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. "MAPAMA, 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.

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.

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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 effectiveness 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, February 2019

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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: <http://www.betriebsmittelliste.de/en/bml-registration.html>.

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  
<http://www.dlg.org/home-en.html>

DVG German associations of Veterinary Medicine  
<http://www.dvg.net>

VAH Association for Applied Hygiene  
<https://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 flüssig	Beckmann & Brehm	DM N	61 % 9 %	Vegetable protein <i>Organic N-liquid fertiliser of vegetable origin</i>
Aminofert N Pulver	Beckmann & Brehm	DM N	99,5 % 15 %	Vegetable protein <i>Organic N-liquid fertiliser of vegetable origin, the product is water soluble</i>
BF sheep wool pellets	Baltic Fert	DM N K2O	97,5 % 8,9 % 11,3 %	Sheep's wool, potassium
Bio-Alghum® 'Terratop® Golf 6'	aqua-terra	DM OS N P2O5 K2O CaO MgO Na	79 % 48 % 6,4 % 1,3 % 4,5 % 6,9 % 1 % 1,4 %	Organic fertiliser of vegetable origin, Bio-Alghum® "Bodengranulat plus" (soil granulate), diatomaceous earth, bentonite
Bio-NPK 10-3-5	Biovin	OS N P2O5 K2O	68 % 10 % 3 % 5 %	Hairmeal, vinasse potassium, rock phosphate, grape marc kompost, vinasse
Biorga Quick	Hauert Günther	DM OS N	95-98 % 80 % 12 %	Feather meal, horn meal, meat and bone meal, malt culm, vinasse
Biorganic N-Star	Hauert Günther	DM OS N P2O5 Mg	95 % 70 % 12 % 1 % 1,3 %	Feather meal, hornmeal, meat and bone meal, malt culm, dolomite limestone, vinasse <i>Natural N-focused lawn fertilizer.</i> <i>Application rate 50-80 g/m²</i>
Biostercus	M4 Bio	DM OS N P2O5 K2O	90 % 77 % 6,1 % 1,5 % 4,2 %	Vinasse, horse manure 5 kg bag, 12,5 kg bag, 25 kg bag and delivery as loose goods
DCM Eco-Mix 3	Deutsche Cuxin	DM OS N K2O Na S	90 % 80 % 12 % 3 % 0,8 % 3,2 %	Bristle meal, hoof meal, feather meal, vinasse extract, wheat gluten meal, cocoa husks, wet vinasse extract, grape seed meal
Diaglutin® N pellet	Biofa	DM OS N P2O5	94,78 % 82,57 % 12 % 2,4 %	Feather meal, vegetable raw materials
Gärtner's Hornmehl 1 kg, 2,5 kg	gpi green partners international	OS N S	95 % 14 % 2,6 %	Horn meal
Gärtner's Hornspäne 1 kg, 2,5 kg, 5 kg	gpi green partners international	OS N S	80 % 14 % 2 %	Horn shavings

Tradename	Company	Nutrient content		Composition, Remarks
GREENSTIM	Comercial Química Massó	N	12 %	Sugar beet extract (glycine-betaine)
GREENSTIM®	Biofa	N	12 %	Sugar beet extract (glycine-betaine)
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 %	
		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 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
MANNA BIO N 10-7-1	Wilhelm Haug	DM	90 %	Meat and bone meal, potato molasses
		OS	80 %	
		N	10 %	
		P2O5	7 %	
		K2O	1 %	
		CaO	7 %	
		MgO	0,2 %	
MANNA Fert V	Wilhelm Haug	DM	90 %	GMO-free residual material from bio ethanol production, cocoa husks
		OS	95 %	
		N	5 %	
		P2O5	2 %	
		K2O	2 %	
		CaO	0,2 %	
		MgO	0,5 %	
		S	0,2 %	
		B	0,0008 %	
		Cu	0,001 %	
		Fe	0,018 %	
		Mn	0,0009 %	
		Zn	0,01 %	
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 %	Hairmeal, 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 %	

Tradename	Company	Nutrient content		Composition, Remarks
Naturamin-WSP	DAYMSA	DM	95,9 %	Feather meal
		OS	90 %	<i>Promotes plant growth and plant yield with unfavourable conditions</i>
		N	12,8 %	
Oscorna-Hornspäne	Oscorna	OS	90 %	Horns and hoofs
		N	14 %	
		S	1,5 %	
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 2-1-7	Dacam	N	13 %	Fermented plant material
		P2O5	1,3 %	
		MgO	3 %	
Protamylasse-PPL-NPK 2-1-7	Dacam	N	2,4 %	Potato fruit water
		K2O	7,9 %	
Provita Haarmehl-Pellets	Beckmann & Brehm	DM	95 %	
		OS	98 %	
		N	14 %	<i>5 mm pellet, highly compatible and quickly available</i>
		P2O5	1 %	
		K2O	0,3 %	
		S	1,7 %	
		Zn	0,017 %	
Provita Horngrieß	Beckmann & Brehm	DM	95 %	Steamed and crushed bovine horns and hoofs
		OS	95 %	<i>Various sievings available</i>
		N	14 %	
		S	2 %	
Provita Horngrieß Gold	Beckmann & Brehm	DM	95 %	Horn, hoofs, Phytogran
		OS	97 %	<i>Organic N-fertiliser whose basic materials complement each other to a favorable N-release curve (view publication by H. Laber, 2013)</i>
		N	11,5 %	
		P2O5	1 %	
		K2O	1 %	
		S	1 %	
Provita Hornmehl	Beckmann & Brehm	N	13 %	<i>Horn, hoofs 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 %	
		OS	95 %	
		N	14 %	
		P2O5	0,5 %	
		K2O	0,3 %	
		S	2,2 %	

Tradename	Company	Nutrient content		Composition, Remarks
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 %	<i>Feather meal, soy grist, horn meal 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 %	
Sedumin® Manupur-N11	PBI Austria	DM	93 %	<i>Feather meal, soy grist, horn meal 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 %	<i>Feather meal, bristle meal, cocoa husks 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 %	
Siforga Bio 10-1-3	Klasmann-Deilmann	DM	90 %	<i>Feather meal, hair meal, molasses, vegetable materials from food-, beverage/tobacco- and feed production</i>
		OS	80 %	
		N	10 %	
		P2O5	1 %	
		K2O	3 %	
		CaO	2 %	
		MgO	0,5 %	
TERRAGON® Haarmehlpellets	hego	S	1,5 %	<i>Hair meal, pelletized</i>
		DM	90 %	
		OS	80 %	
		N	14 %	
		P2O5	0,6 %	
TERRAGON® Hornpellets	hego	DM	90 %	<i>Steamed horn semolina 0-3 mm, pelletized</i>
		OS	87 %	
		N	14 %	
		P2O5	0,5 %	
		CaO	1 %	
Witatrade Hornspäne	Witatrade	DM	mind. 88 %	<i>Hoof and horn 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 %	<i>Degelatinised bone meal, meat and bone meal, bone meal, cocoa husks</i>
		OS	34 %	
		N	4 %	
		P2O5	23 %	
DOLOPHOS 15	DüKa	P2O5	15 %	<i>Soft ground rock phosphate, calcium magnesium carbonate Granulated or milled</i>
		CaO	36 %	
		MgO	7 %	

Tradename	Company	Nutrient content		Composition, Remarks
DOLOPHOS 26	DüKa	P2O5	26 %	Soft ground rock phosphate
		CaO	10 %	<i>Granulate</i>
		MgO	3 %	
Humigras	Timac DE	P2O5	10 %	Calcium carbonate from the sea (shell limestone), soft ground rock phosphate
		CaO	29 %	
		MgO	7,5 %	
Litho-Physalg G 18	Timac DE	S	6 %	
		P2O5	18 %	Calcium carbonate from the sea (shell limestone), soft ground rock phosphate
		CaO	37 %	
P 26	Timac DE	MgO	5 %	
		P2O5	26 %	Rock phosphate
Physalg 25	Timac DE	P2O5	25 %	Soft ground rock phosphate
Physalg G 18	Timac DE	P2O5	18 %	Calcium carbonate, rock phosphate
		CaO	43,4 %	<i>Rock phosphate with calcium carbonate from the sea (shell limestone)</i>
		MgO	5 %	
Spower Bio3	Spower	DM	100 %	<i>Quickly available rock phosphate, kieserite, excello and 90 % reactive sea lime and finely ground elemental sulphur, grain size 3-5 mm, spreading width up to 36 m</i>
		P2O5	18 %	
		CaO	28 %	
		S	11 %	
		B	0,025 %	
		Cu	0,025 %	
		Mn	0,14 %	
		Zn	0,17 %	

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

Tradename	Company	Nutrient content		Composition, Remarks
Biorganic Kalimagnesia	Hauert Günther	DM	100 %	
		K2O	29 %	
		MgO	10 %	
DCM Vivikali	Deutsche Cuxin	DM	90 %	Vinasse extract, cocoa husks, soya oil
		OS	35 %	cake meal (non GMO), grapeseed oil
		N	2 %	cake meal, wet vinasse extract
		K2O	20 %	
		Na	3 %	
		S	9 %	
FLORAKAL WSM	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	2,0 (+/-1,0) %	
Gärtner's Patentkali® - Kalimagnesia 5 kg	gpi green partners international	S	10 (+/-2) %	
		K2O	30 %	Potassium sulphate and kieserite
		MgO	10 %	
HORTISUL	K+S KALI	S	17 %	
		K2O	52 %	Potassium sulphate
		S	18 %	<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>

Tradename	Company	Nutrient content		Composition, Remarks
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 KALI	K2O	50 %	Potassium sulphate
		S	18 %	<i>Natural potassium sulphate from crude salt</i>
KALISOP "Plus" gran max. 1,0 % Cl	K+S KALI	K2O	51 %	Potassium sulphate
		S	18 %	<i>Natural potassium sulphate from crude salt</i>
Organic Plant Feed (short OPF) pro 3-2-7	Yves Kessler	N	3 %	Fermented residuals from molasses
		P2O5	2 %	
		K2O	7 %	
Patentkali "gran"	K+S KALI	K2O	30 %	Potassium sulphate and kieserite (also known as 'potassium-magnesia')
		MgO	10 %	
		S	17 %	<i>The classic; for highest quality in the cultivation of potatoes, fruits and vegetables</i>
Patent-Kali 5 kg	gpi green partners international	K2O	30 %	Potassium sulphate and kieserite
		MgO	10 %	
		S	17 %	
PB Liquid 5-2-5	Dacam	N	5,2 %	Fermented plant material
		P2O5	2 %	
		K2O	5,1 %	
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 %	
SOP Solu-K	Salinen Austria	DM	99,9 %	Potassium sulphate
		K2O	52 %	
		S	18 %	
Spower Bio4	Spower	DM	100 %	Sea lime (90 % reactive sea lime)
		K2O	18 %	<i>Graining 3-5 mm, spreading width up to 36 m, 600 kg single-loop bigbag. Steady sulphur supply, improves water absorption and soil quality, potash</i>
		CaO	28 %	
		S	8 %	
Vinassee Extrakt 30	SF Soepenberg	DM	95 %	Vinassee potassium, calcium carbonate 85
		OS	15 %	
		K2O	30 %	
		S	12,5 %	
Vinassee-Kalisulfat	Prohama	DM	> 98 %	Vinassee 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
		MgO	5 %	
		SiO2	20 %	<i>Moistened calcium carbonate with magnesium</i>
Agrodünger 90	Schneider	CaO	45 %	Calcium carbonate, magnesium carbonate, silicon
		MgO	5 %	
		SiO2	10 %	<i>Lime meal, dry, for building stable matrasses and liquid manure</i>
Alginure® Anspritz-Fertig	Tilco	DM	81,7 %	Alginure® Bodengranulat 1 (soil granulate), bentonite, calcium carbonate, wheat starch, EPSO Top (epsom salt)
		OS	25,4 %	
		K2O	1,5 %	
		MgO	3 %	
		Na	1,5 %	
		S	1 %	
Alginure® Bodengranulat 1	Tilco	OS	33 %	Brown algae preparation, talc
		K2O	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 %	
		P2O5	0,1 %	
		K2O	2,5 %	
		MgO	4 %	
		S	3,5 %	
AMN Natural Activ® - Bio	Mack	OS	60 %	Cocoa husks, feathers, vinasse, bristles, meat and bone meal, hoofs, bonemeal, grape marc
		N	7 %	
		P2O5	3 %	
		K2O	7 %	<i>For all plants, healthy roots, improving growth through Mycorrhiza</i>
		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 Activ® - Bio	Mack	OS	60 %	Cocoa husks, vinasse, feathers, bristles, hoofs, grape marc
Bio		N	7 %	
		P2O5	3 %	
		K2O	7 %	
		CaO	4 %	
		MgO	1 %	
AMN® Natural Vegetal	Mack	N	6 %	<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	40,5 %	Vinasse, water, molasses			
		K2O	4,5 %				
		S	1,5 %				
AOC 60	AGRO INNOVATION	DM	85 %	Grape pulp			
		OS	60 %				
		N	1,9 %				
		P2O5	0,7 %				
	Progema	OS	60 %	Fungi substrate, feather meal, bone			
		N	7 %	meal, leather meal, vegetable			
		P2O5	3 %	substances, microorganisms ( <i>Bacillus</i>			
		K2O	10 %	<i>amyloliquefaciens</i> , <i>B. licheniformis</i> , <i>B.</i>			
		MgO	0,4 %	<i>megaterium</i> , <i>B. pumilus</i> , <i>Rhizophagus</i>			
		Na	2 %	<i>irregularis</i> , <i>ektomykorrhiza species</i> )			
		S	5 %				
		Fe	0,7 %				
Azet® PROFI RasenDünger	Progema	OS	70 %	Feather meal, fungi substrate, vegetable			
		N	9 %	substances, leather meal, bone meal,			
		P2O5	3 %	microorganisms ( <i>Bacillus</i>			
		K2O	5 %	<i>amyloliquefaciens</i> , <i>B. licheniformis</i> , <i>B.</i>			
		Na	1 %	<i>megaterium</i> , <i>B. pumilus</i> , <i>Rhizophagus</i>			
		S	3 %	<i>irregularis</i> , <i>Hymenoscyphus ericae</i> ,			
		Fe	0,2 %	<i>Oidiodendron spp.</i> )			
Azet® PROFI RhododendronDünger	Progema	OS	70 %	Bone meal, feather meal, fungi substrate,			
		N	7 %	vegetable substances, leather meal,			
		P2O5	3 %	microorganisms ( <i>Bacillus</i>			
		K2O	5 %	<i>amyloliquefaciens</i> , <i>B. licheniformis</i> , <i>B.</i>			
		Na	1,5 %	<i>megaterium</i> , <i>B. pumilus</i> , <i>Rhizophagus</i>			
		S	3 %	<i>irregularis</i> , <i>Hymenoscyphus ericae</i> ,			
		Fe	0,2 %	<i>Oidiodendron spp.</i> )			
Azet® PROFI RosenDünger	Progema	OS	63 %	Feather meal, bone meal, vegetable			
		N	7 %	substances, fungi substrate, leather			
		P2O5	7 %	meal, microorganisms ( <i>Bacillus</i>			
		K2O	5 %	<i>amyloliquefaciens</i> , <i>B. licheniformis</i> , <i>B.</i>			
		MgO	0,4 %	<i>megaterium</i> , <i>B. pumilus</i> , <i>Rhizophagus</i>			
		Na	2 %	<i>irregularis</i> )			
		S	3 %				
BED Bio Elite Dünger	BED	DM	50,4 %	Horse manure, wood chips, grass			
		OS	44 %	cuttings, sawdust, ground cereals,			
		N	1,38 %	fermented plant substances			
		P2O5	1,22 %				
		K2O	1,17 %				
		CaO	9,06 %				
BF sheep wool pellets	Baltic Fert	DM	97,5 %	Sheep's 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 Günther	DM	95 %	Dolomitic lime, maize protein, rapeseed			
		OS	60 %	cake meal, horn meal, herbal mixture,			
		N	9 %	meat and bone meal, vinasse potassium,			
		P2O5	2 %	mult culms			
		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	N	6 %	Distillers dried grains from ethanol production, residual molasses, potato nitrogen concentrate, Corn Steep Liquor
		P2O5	3 %	
		K2O	2 %	
BioAgenasol	Biofa	DM	90 %	Distillers dried grains from ethanol production, maize steeping liquor, residual molasses, Potato Nitrogen Concentrate
		OS	85 %	
		N	6 %	
		P2O5	3 %	
		K2O	2 %	
biofiMUM 80 plus	Schneider	CaO	40 %	Calcium carbonate, silicon content,
		MgO	5 %	magnesium carbonate
		SiO2	20 %	<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>
biofiMUM Schwefel 22	Schneider	DM	99,8 %	Sulphur, calcium carbonate
		S	22 %	<i>Water soluble calcium with sulphate sulphur available for all spread techniques and as foliar fertilizer; 25 kg sack</i>
bioGemüsedünger vegan	meinBiogarten	N	6 %	Vegetable substances from agriculture,
		P2O5	3 %	food and luxury food production,
		K2O	4,5 %	potassium and magnesium sulphate from natural crude salt, soft ground rock phosphate, microorganisms
				<i>Organic fertilizer - guaranteed without animal ingredients</i>
BioHealth® TH BS	Humintech	OS	49,8 %	Potassium humate, Trichoderma
		N	1,45 %	harzianum, Bacillus subtilis, algae
		K2O	12,1 %	extracts
		Na	0,88 %	
		Fe	0,79 %	
Bio-Kompost-Beschleuniger	gpi green partners international	OS	33 %	Horn meal, vinasse potassium,
		N	4 %	fermentation residues, karite, bone meal,
		P2O5	3 %	vinasse, primary rock meal, dejecta of
		K2O	3 %	worms (vermicompost)
		CaO	23 %	
		MgO	10 %	
		S	1,2 %	
Bio-Kraftdünger N-K 7-2	Biovin	N	7 %	<i>Made from plant-based material from food production. Without vinasse</i>
		K2O	2 %	
Bio-Langzeiddünger	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 NK flüssig	Hauert Günther	OS	300 g/l	Vinassee
		N	4,5 %	
		K2O	5,3 %	
Biorga Organos	Hauert Günther	DM	93 %	Horn meal, feather meal, meat and bone
		OS	62 %	meal, vinassee potassium, dolomitic lime,
		N	9,5 %	meal from rape cake, malt culms
		P2O5	2 %	
		K2O	4 %	
		MgO	1,6 %	
Biorga Plumas	Hauert Günther	DM	90 %	Feather meal, meat and bone meal, horn
		OS	75 %	meal, rapeseed cake meal
		N	12 %	
		P2O5	3 %	
Biorga Vegi	Hauert Günther	DM	95-98 %	Rapeseed oil, malt sprouted seeds,
		OS	70 %	vinasse potassium (ferm), corn gluten
		N	5 %	
		P2O5	1 %	
		K2O	5 %	
Biorga Vianos	Hauert Günther	DM	90 %	Meat and bone meal, feather meal,
		OS	70 %	vinasse potassium
		N	9 %	
		P2O5	9,5 %	
		K2O	0,6 %	
		CaO	12 %	
Biorga Vino	Hauert Günther	DM	89 %	Feather meal, meat and bone meal,
		OS	57 %	vinasse potassium, kieserite, horn meal,
		N	8,5 %	malt culms, dolomitic lime
		P2O5	3 %	
		K2O	6 %	
		MgO	2,5 %	
Biorganic Total	Hauert Günther	DM	95 %	Horn meal, feather meal, meat and bone
		OS	60 %	meal, leather meal, vinassee potassium,
		N	10 %	dolomite
		P2O5	2 %	
		K2O	4 %	
		CaO	4,8 %	
		S	1,9 %	
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 %	
Biota-NPK	Biota-Nutrients	N	3 %	Enzymatic hydrolysed plant material
		P2O5	3 %	
		K2O	3 %	

Tradename	Company	Nutrient content		Composition, Remarks
BLATTWERK Pure	Biofabrik	DM	30 %	Amino acids, carbonic acid, sugar,
		N	1,3 %	nitrogen, phosphorus, calcium
		P2O5	0,7 %	<i>Purely plant based product</i>
		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	
CarboDünger	EM Technologie-zentrum	DM	41,1 %	<i>Fertiliser containing active microorganisms and plant extracts</i>
		N	1,8 %	<b>The component 'vegetable carbon' is not considered compliant with the EC Eco-Regulation in every German federal state</b>
		P2O5	0,3 %	
		K2O	1,9 %	
		S	0,7 %	
		Cu	0,04 %	
		Zn	0,05 %	
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 %	
CombiPost BIO	COMEF	DM	88 %	Mushroom substrate
		N	2 %	
		P2O5	3,6 %	
dalcon	SAS	N	2,75 %	Molasses
DCM Eco-Plant 7	Deutsche Cuxin	DM	90 %	Meal from soya oil cake, wheat gluten meal, cocoa husks, rock phosphate, wet vinassee extract, meal from grapeseed oil cake, vinassee extract, Bacillus amyloliquefaciens
		OS	60 %	
		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, vinassee extract, plant extract (tanning agent), meal from oilcake (soya, non GMO), 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, vinassee extract, primary rock meal, wet vinassee extract, seaweed meal, meal from oil cake (grape seeds), meal from oil cake (soya, non GMO)
		OS	65 %	
		N	9 %	
		P2O5	4 %	
		K2O	3 %	

Tradename	Company	Nutrient content		Composition, Remarks
DCM ProLico 2	Deutsche Cuxin	N K2O	2,3 % 6 %	Vinasse
DCM Vivisol	Deutsche Cuxin	DM	90 %	Meal from oil cake (grape seeds), cake from grape seeds, cocoa husks,
		OS	70 %	green-lime, vinasse, meal from oil cake
		N	2,5 %	(soya), <i>Bacillus amyloliquefaciens</i>
		P2O5	1 %	
		K2O	4 %	
		MgO	2 %	
		S	2,1 %	
DCM Vivisol Minigran	Deutsche Cuxin	DM	90 %	Oil cake (grape seeds), cocoa husks,
		OS	70 %	green-lime, wet vinasse extract, meal
		N	2 %	from oilcake (soya, non GMO), <i>Bacillus amyloliquefaciens</i>
		P2O5	1 %	
		K2O	4 %	
		MgO	2 %	
		S	1,3 %	
DER WOLLDÜNGER	Rötberghof	DM	93,3 %	Raw sheep's 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,
		OS	62,2 %	bentonite, calcium carbonate,
		N	4 %	magnesium carbonate, potassium
		P2O5	2,2 %	sulphate, silicon, microorganisms
		K2O	2,8 %	<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>
		CaO	5,5 %	
		MgO	1,2 %	
EMIKO® EM5 Forte	EMIKO	S	1,4 %	
		OS	4 %	Water, sugar cane molasses,
		N	0,18 %	microorganisms
		K2O	0,27 %	
		MgO	0,09 %	
EMIKO® MikroDünger	EMIKO	S	0,1 %	
		OS	40 %	Vinasse, water, sugar cane molasses,
		N	4,4 %	brine, microorganisms
		P2O5	0,5 %	
		K2O	4,3 %	
		MgO	0,15 %	
Engelharts vegetarisch	Engelhart	S	0,4 %	
		DM	88,9 %	Feather meal, horn meal and horn flour,
		OS	77,3 %	grape marc, cocoa husks, vegetable
		N	7 %	potash, pressed grass juice
		P2O5	2 %	<i>Fast availability through fermentation</i>
		K2O	7 %	
		MgO	0,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
EPPINGER Biodünger	Eppinger	DM	100 %	Horn meal, primary rock powder, meat and bone meal, potassium from vinasse, fine kieserite, plant materials from food processing, endomycorrhizal fungi
		OS	50 %	
		N	6 %	
		P2O5	3 %	
		K2O	5 %	
		CaO	3,5 %	
		MgO	2 %	
		S	4,5 %	
ESL (Erbsen-Stickstoff-Lösung)	MZB	DM	23,3 %	Pea fruit water concentrate
		OS	22,7 %	
		N	1,3 %	
		NH4-N	0,05 %	
		P2O5	0,43 %	
		K2O	1,51 %	
		MgO	0,18 %	
		S	0,09 %	
explOrer 20	Olmix - PRP	DM	96 %	Calcium magnesium carbonate, sunflower cake oil, calcium carbonate, magnesium sulphate, lignosulfonate
		OS	26 %	from calcium, seaweed meal, potassium sulphate, iron sulphate
		N	1,5 %	
		P2O5	0,6 %	
		K2O	1,7 %	
		CaO	20 %	<i>Promoting root development, stimulation of mycorrhiza activity in the soil</i>
		MgO	11 %	
		Na	0,22 %	
		S	4,2 %	
		Fe	0,26 %	
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 material from food and feed processing, mikroorganisms
		OS	2 %	
		N	0,1 %	
		K2O	0,3 %	
Fertikal 10-2-2	Fertikal	DM	90 %	Feather meal, plant material, fermented molasses
		OS	74 %	
		N	10 %	<i>Slowly effective organic fertilizer with high N-content</i>
		P2O5	2 %	
		K2O	2 %	
		CaO	7,3 %	
		S	0,9 %	
Fertiplus 11-1-2	Ferm O Feed	DM	90 %	Feather meal, hair meal, malt germs, vinasse extract
		OS	80 %	
		N	11 %	
		P2O5	0,6 %	
		K2O	2,8 %	
Fertiplus 4-3-3	Ferm O Feed	DM	88 %	Chicken manure from free range
		OS	65 %	<i>Without the addition of foreign substances and binders</i>
		N	4,2 %	
		P2O5	3 %	
		K2O	2,8 %	
		CaO	9 %	
		MgO	1 %	

Tradename	Company	Nutrient content		Composition, Remarks
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 %	
fiwo plant NPK	ökohum GmbH	OS	89 %	
		N	6 %	Sheep's wool, post-extraction rapeseed meal, olive pomace, phyto meal, horn shavings, vinasse
		P2O5	3 %	
		K2O	7 %	
		CaO	4,2 %	
		MgO	1,7 %	
floraPell® - ökologischer Langzeitdünger	Düngepellet	S	3 %	
		OS	85 %	Sheep's wool
		N	10 %	
		K2O	5 %	
Gartenkrone® Universal Dünger Bio 2,5 kg	gpi green partners international	S	1,8 %	
		OS	60 %	Phyto meal, potassium sulphate, kieserite
		N	5 %	
		P2O5	4 %	
		K2O	8 %	
		MgO	3 %	
Gartenkrone® Universal Dünger Bio flüssig 1 L	gpi green partners international	S	4 %	
		DM	68 %	Vinasse
		OS	50 %	
		N	4,5 %	
		P2O5	0,2 %	
		K2O	6 %	
Gärtner's Bio Kräuter- und Tomatendünger 1 L	gpi green partners international	CaO	1-1,5 %	
		Na	2,5 %	
		S	1-2 %	
		DM	68 %	Sugar beet molasses
		OS	50 %	
		N	4,5 %	
Gärtner's Bio Rasendünger	gpi green partners international	P2O5	0,2 %	
		K2O	6 %	
		CaO	1-1,5 %	
		Na	2,5 %	
		S	1-2 %	
Gemüse- und Kräuter-Dünger für den Biogarten flüssig 1 L	gpi green partners international	OS	88 %	Horn meal, phyto meal, bone meal, Karite, fermentation residues, vinasse, primary rock meal
		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 %	
		P2O5	6 %	

Tradename	Company	Nutrient content		Composition, Remarks
Gemüsedünger	gpi green partners international	DM	95 %	Phyto meal, potassium sulphate,
		OS	55 %	kieserite
		N	5 %	
		P2O5	3 %	
		K2O	8 %	
		MgO	0,4 %	
Geohumus Phytopower BIO	Geohumus	S	4,3 %	
		DM	90 %	Cocoa husk meal, potato peelings, horn
		OS	69 %	meal, vinassee potassium
		N	5 %	
		P2O5	2,5 %	
		K2O	5 %	
GreatOrganics Bio	Greenduck	S	1,5 %	
		DM	98 %	Dry stillage (DDGS-corn) with residual
		OS	57 %	molasses, PNC, CSL, ground sea shell
		N	2,9 %	limestone, Perlhumus granulate, baked
		P2O5	1,2 %	clay granulate, zeolite granulate, compost
		K2O	1,6 %	tea
GreenFit Boden-BioAktiv	Yves Kessler	CaO	11 %	<i>A wide spectrum of concentrated, beneficial aerobic microbiology transforms nutrients in a plant-compatible form and loosens dense areas</i>
		DM	0,075 %	Pomace, fermented in phases
		N	0,29 %	
		P2O5	0,011 %	
GRENA LIFE	GRENA	K2O	0,032 %	
		DM	93 %	GRENA MATRIX (hydrolysed protein of animal origin), potassium sulphate, soft
		OS	39 %	ground rock phosphate
		N	4 %	<i>Organo-mineral biostimulant, naturally rich in amino acids and trace elements optimally soluble as micro pellet</i>
		P2O5	6 %	
		K2O	10 %	
Grüner Jan Naturdünger	gpi green partners international	MgO	2 %	
		OS	53 %	Karite, fermentation residues, horn meal,
		N	5 %	bone meal, dolomitic lime, vinassee
		P2O5	4 %	potassium, vinassee
		K2O	6 %	
		CaO	8 %	
HF-Natrel Comp	Wenz GmbH	MgO	2 %	
		S	3,5 %	
		Cu	2 %	<i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i>
		Fe	2 %	
Humeen Niem Dünger	Moser Niem-Handel	Mn	5 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		DM	92 %	Neem pressed cake, neem seeds
		OS	84 %	<i>Contains the entire range of properties of the Neem tree (Azadirachta indica) in a mixture of niem seeds and press cake</i>
		N	3,5 %	
		P2O5	1,5 %	
		K2O	2 %	
Humisol G	Agrostim	S	1 %	
		DM	0,5 %	Liquid humus concentrate
		OS	20 %	
		N	150 mg/l	
		P2O5	> 3 %	
		K2O	> 25 %	

Tradename	Company	Nutrient content		Composition, Remarks
HYDRACUP	BIAGRO	Cu	2 %	Copper and zinc fertilizer
		Zn	4 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
ILVERDE	ILSA S.p.A.			
ITALPOLLINA	Italpollina	DM	88 %	Chicken manure
		OS	70 %	<i>Without the addition of foreign substances and binders</i>
		N	4 %	
		P2O5	4 %	
		K2O	4 %	
		CaO	5 %	
		MgO	1 %	
KaliVinasse SF	SF Soopenberg	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 %	
KALVIN50	Nordzucker	OS	41 %	Vinasse, rich in potassium
		N	2,9 %	<i>Organic NPK fertiliser (Annex 1, Section 3, Fertiliser regulation, Germany) Vinasse from bioethanol production based on different sugar solutions of the sugar beet</i>
		P2O5	0,8 %	
		K2O	4 %	
		MgO	0,4 %	
KALVIN75	Nordzucker	OS	42 %	<i>Organic NPK fertilizer (Annex 1, Section 3, Fertilizer regulation, Germany), Vinasse from bioethanol production based on different sugar solutions of the sugar beet</i>
		N	2,9 %	
		P2O5	0,80 %	
		K2O	6,25 %	
		MgO	0,4 %	
		S	0,90 %	
KleePura Profi	grünerdüngen	DM	91 %	Organic clover pellets
		OS	90 %	<i>100 % of the components come from organic agriculture, ground and pelletized - mineralizes quickly</i>
		N	3,5 %	
		P2O5	0,8 %	
		K2O	3,4 %	
		CaO	1,70 %	
		MgO	0,49 %	
Maltaflor® BIO	Maltaflor	DM	90 %	Malt culms, vinasse potassium sulphate, vinasse
		OS	70 %	<i>With carbohydrates for soil stimulation</i>
		N	4 %	
		P2O5	1 %	
		K2O	5 %	
		S	1 %	
MANNA BIO N 10-7-1	Wilhelm Haug	DM	90 %	Meat and bone meal, potato molasses
		OS	80 %	
		N	10 %	
		P2O5	7 %	
		K2O	1 %	
		CaO	7 %	
		MgO	0,2 %	
MEERKALK S+	Hechenbichler	CaO	46 %	Lime carbonate, sulphur
		MgO	1 %	<i>Grained, 2-5 mm, low dust level, from high-quality, quickly effective chalk</i>
		S	9 %	

Tradename	Company	Nutrient content		Composition, Remarks
MikroVeda GARTENBOKASHI	MikroVeda	N	1,3 %	Grain bran and -husks, MikroVeda
		P2O5	1,75 %	Farming (microorganisms), calcium
		K2O	1,02 %	magnesium carbonate
MixProf Extra Substrate 3 NPK 9-3-3	Rendapart	DM	90 %	Vinassee extract, feather meal, cocoa
		N	9 %	husks, meat and bone meal, blood meal
		P2O5	3 %	
		K2O	3 %	
		OS	40 %	Meal of grapseseeds, cacao husks, meat
MixProf Extra Substrate Fertisoil	Rendapart	N	3 %	and bone meal, dried seaweed meal,
		P2O5	2 %	vinasse extract
		K2O	3	
		DM	90 %	Organic chicken manure
Monterra Bio Chicken 3,7-2,9-2,3	Klasmann- Deilmann	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,
		OS	70 %	hair meal, feather meal
		N	5 %	
		P2O5	1 %	
		K2O	5 %	
		MgO	0,5 %	
Montex G8 plus	MONTEX	S	4,5 %	
		DM	99 %	Soft ground rock phosphate, chalk lime,
		P2O5	8 %	natural gypsum, dolomite limestone
		CaO	40-45 %	
		MgO	1-1,5 %	
NATREL Com-Crop	AGREX	S	4-5 %	
		DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II)
		OS	60 %	-sulphate, Zn-sulphate, Cu-sulphate,
		N	2 %	water, sodium-molybdate
		S	7,3 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
Natura Bio Balkon- und Kübelpflanzendünger	MTD Products	Mo	0,03 %	
		Zn	3 %	
		DM	90 %	Soybean extraction meal, field bean meal
		N	5 %	<i>Purely vegetable, guaranteed without animal components</i>
Natura Bio Beerendünger	MTD Products	P2O5	2 %	
		K2O	6 %	
		DM	90 %	Soybean extraction meal, field bean meal
		N	4 %	<i>Purely vegetable, guaranteed without animal components</i>
Natura Bio Hochbeetdünger	MTD Products	P2O5	2 %	
		K2O	8 %	
		DM	90 %	Soybean extraction meal, field bean meal
		N	5 %	<i>Purely vegetable, guaranteed without animal components</i>
		P2O5	2 %	
		K2O	6 %	

Tradename	Company	Nutrient content		Composition, Remarks	
Natura Bio Rhododendrondünger	MTD Products	OS	60 %	Soybean extraction meal, vinasse,	
		N	4 %	Mykorrhiza	
		P2O5	2 %	<i>Purely vegetable, guaranteed without animal components</i>	
		K2O	8 %		
Natura Bio Rosendünger	MTD Products	DM	90 %	Soybean extraction meal, field bean meal	
		N	5 %	<i>Purely vegetable, guaranteed without animal components</i>	
		P2O5	2 %		
		K2O	6 %		
Natura Bio Staudendünger	MTD Products	DM	90 %	Soybean extraction meal, field bean meal	
		OS	60 %	<i>Purely vegetable, guaranteed without animal components</i>	
		N	4 %		
		P2O5	2 %		
		K2O	8 %		
Natura Bio Strauch- und Heckendünger	MTD Products	OS	60 %	Soybean extraction meal, vinasse,	
		N	4 %	Mykorrhiza	
		P2O5	2 %	<i>Purely vegetable, guaranteed without animal components</i>	
		K2O	8 %		
Natura Bio Tomatendünger	MTD Products	DM	90 %	Soybean extraction meal, field bean, vinasse	
		OS	65 %		
		N	5 %	<i>Purely vegetable, guaranteed without animal components</i>	
		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 %		
		MgO	0,5 %		
Natura Rasendünger Herbst	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 %		
Neem-Vital	Schacht	MgO	0,5 %		
		N	4 %	Field beans, soy extraction meal, vinasse,	
		P2O5	2 %	rape seed extraction meal, vegetable	
		K2O	8 %	residue from agricultural production, distillers dried grains from alcohol production, molasses	
Niem Presskuchen	Moser Niem-Handel	N	1,5 %	Neem pressed cake	
		P2O5	0,3 %	<i>100 % plant based (from deoiled Neem-seeds)</i>	
		K2O	2,2 %		
		DM	94 %	Neem pressed cake	
		OS	86 %	<i>The entire range of properties of the Indian Neem tree (Azadirachta indica), is used as an organic NPK-fertiliser</i>	
		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
		OS	75 %	phosphate, potassium sulphate
		N	6 %	
		P2O5	3 %	
		K2O	5 %	
		CaO	2,6 %	
		MgO	0,17 %	
OPF 7-0-2	Plant Health Cure	S	1,6 %	
		Fe	0,01 %	
OPF Granular 11-0-5	Plant Health Cure	DM	45,2 %	<i>Organic plant based fertiliser</i>
		OS	42,9 %	
	Yves Kessler	N	6,9 %	
		K2O	1,9 %	
OPF granular 11-5	Yves Kessler	N	11 %	Sugar cane extract
		OS	28 %	
		N	11 %	
		K2O	5 %	
Organischer N-P-K Dünger	LENATEC	DM	25,4 %	Whey stillage
		OS	18,5 %	
		N	0,63 %	
		P2O5	1,81 %	
		K2O	3,81 %	
Organischer NPK Dünger 5+3+8	ICL Deutschland	DM	93 %	Sugar beet pulp, vegetable residue from
		OS	75 %	agricultural production, molasses,
		N	5 %	vinasse, rape seed extraction meal
		P2O5	3 %	
		K2O	8 %	
Organischer NPK Dünger 6+3+4	ICL Deutschland	DM	94 %	Vinasse, vegetable residue form
		OS	75 %	agricultural production, beet pulp,
		N	6 %	molasses, rape seed extraction meal
		P2O5	3 %	
		K2O	4 %	
OrgaPur 6-2-6	ProGreen	DM	90 %	Vegetable substances, vinasse potash,
		OS	61 %	hair meal cat. III
		N	6 %	
		P2O5	2 %	
		K2O	6 %	
		CaO	4 %	
OrgaPur® 8-2-6	ProGreen	DM	95 %	Vegetable raw materials from the food
		OS	66 %	industry, hair meal, vinasse-potassium
		N	8 %	<i>With important trace elements, natural</i>
		P2O5	2 %	<i>long-term effect. Improving soil fertility by</i>
		K2O	6 %	<i>high nitrogen content</i>
OrgaPur® Myk 6-1-7	ProGreen	DM	94 %	Karite, vegetable materials from food-,
		OS	68 %	beverage/tobacco- and feed production,
		N	6 %	hair meal, vinasse-potassium, Mycorrhiza
		P2O5	1 %	
		K2O	7 %	

Tradename	Company	Nutrient content		Composition, Remarks
OrgaPur®/Captial 5-3,5-8 + 1	ProGreen	DM	92 %	Vegetable residual material from the food industry, vinasse-potassium, kiesirite
		OS	63 %	<i>With important trace elements, natural long-term effect, promoting soil life and humus formation, positive effect on chlorophyll due to MgO</i>
		N	5 %	
		P2O5	3,5 %	
		K2O	8 %	
		CaO	0,3 %	
		MgO	1 %	
Peletko	EKO STELA	S	5,8 %	
		DM	7,96 %	Bovine manure, horse manure
		OS	50,23 %	Product is marketed in Croatia
		N	1,80 %	
		P2O5	2,10 %	
		K2O	3,12 %	
		CaO	5,23 %	
penergetic b Boden Melasse	Penergetic	MgO	1,56 %	
		DM	72-76 %	Sugar beet molasses
		OS	84-88 %	<i>Article no. 300M4 = 10l; 300M1 = 1l</i>
Pflanzensegen	NaturRat	N	1,6 %	<i>Sugar beet molasses of Swiss origin, fodder molasses</i>
		DM	61,6 %	Organic soya-cake, organic granulated barley, organic bran, effective microorganisms, Perlhumus, organic
		OS	50 %	sugar cane molasses, organic malt
		N	2,82 %	culms, shell limestone, stone meal
		P2O5	0,87 %	diabas, zeolite
		K2O	1,8 %	<i>The plant nutrients are firmly bound in the organic matter and are not washed out. Plants grow with no nutrient losses</i>
Physio-Natur PKS 47	Timac DE	P2O5	13 %	Kieserite, soft ground rock phosphate,
		K2O	15 %	potash crude salt, calcium carbonate
		CaO	30 %	
		MgO	2 %	
		S	5 %	
Plan B.eet Bio Aufbausubstrat	Carbuna	OS	52 %	Vegetable carbon, vinasse, water,
		N	2,4 %	molasses, microorganisms
		P2O5	0,26 %	<b>The component 'vegetable carbon' is not considered compliant with the EC</b>
		K2O	3,4 %	<b>Eco-Regulation in every German federal state</b>
		S	0,5 %	
Plan B.eet Bio Blumendünger	Carbuna	OS	40,5 %	Vinasse, water, molasses,
		N	3,5 %	microorganisms
		P2O5	0,26 %	
		K2O	4,5 %	
		S	1,5 %	
Plan B.eet Bio Gemüsedünger	Carbuna	OS	40,5 %	Vinasse, water, molasses,
		N	3,5 %	microorganisms
		P2O5	0,26 %	
		K2O	4,5 %	
		S	1,5 %	
Plan B.eet Bio Grünfanzendünger	Carbuna	OS	40,5 %	Vinasse, water, molasses,
		N	3,5 %	microorganisms
		P2O5	0,26 %	
		K2O	4,5 %	
		S	1,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
Plan B.eet Bio Rosendünger	Carbuna	OS	40,5 %	Vinasse, water, molasses, microorganisms
		N	3,5 %	
		P2O5	0,26 %	
		K2O	4,5 %	
		S	1,5 %	
Plan B.eet Bio Tomatendünger	Carbuna	OS	40,5 %	Vinasse, water, molasses, microorganisms
		N	3,5 %	
		P2O5	0,26 %	
		K2O	4,5 %	
		S	1,5 %	
PPL Potato Protein Liquid	Bollmer	DM	44 %	PPL potato protein concentrate
		OS	29,6 %	<i>Organic fertiliser with multiple nutrients from potato protein concentrate</i>
		N	2,26-2,82 %	
		P2O5	1,2-1,6 %	
		K2O	7-9 %	
		MgO	0,57 %	
PPL Potato Protein liquid	Emsland-Stärke	S	0,4-0,7 %	
		DM	40 %	Water, organic matter, trace elements
		OS	29 %	<i>Organic multi nutrient fertiliser for all arable agricultural crops and in vegetable cultivation</i>
		N	2 %	
		P2O5	1,2 %	
		K2O	7 %	
PROFI Vital BodenAktivator	Progema	MgO	0,5 %	
		S	0,61 %	
		OS	55 %	Plant substances, mixed lime, rock flour
		N	2 %	<b>The component "charcoal" is not classified in all federal states as an EU-bio conformed product</b>
		P2O5	1,5 %	
		K2O	1,5 %	
ProGrow® 621	Progress Agrar	CaO	13 %	
		MgO	4,5 %	
		S	0,5 %	
		DM	96,94 %	Yeast extract, silica <i>For all agricultural and horticultural crops</i>
Provita Haarmehl- Kali-Pellets 11+7	Beckmann & Brehm	DM	95 %	Hair meal, potassium sulphate, vinasse
		OS	78 %	<i>NK-fertiliser, with fast N-effect, suitable especially for additional fertilisation or "potassium refreshment" on light soil.</i>
		N	11,8 %	<i>Emphasis on nitrogen</i>
		P2O5	0,5 %	
		K2O	7 %	
		Na	1 %	
		S	4,3 %	
Provita Haarmehl- Kali-Pellets 9+14	Beckmann & Brehm	DM	95 %	Hair meal, potassium sulphate
		OS	49 %	<i>NK-fertiliser, with fast N-effect, suitable especially for cultures preferring potassium. Emphasis on potassium</i>
		N	9 %	
		P2O5	0,2 %	
		K2O	14 %	
		Na	2,5 %	
		S	8,7 %	
Provita Pflanzfein	Beckmann & Brehm	DM	90 %	Fermented corn residue
		OS	80 %	<i>Well tolerated, even for seedlings</i>
		N	6 %	
		P2O5	4 %	
		K2O	1 %	
		MgO	0,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
Provita Pflanz-Kali-Pellets	Beckmann & Brehm	DM	95 %	<i>Whole fertilizer of vegetable origin</i>
		N	5 %	
		P2O5	3 %	
		K2O	8 %	
Provita Phytogran GOLD	Beckmann & Brehm	DM	90 %	Cereals, maize, sugar beet molasses, brewer's yeast <i>Also available as meal or pellets</i>
		OS	85 %	
		N	6 %	
		P2O5	3 %	
		K2O	2 %	
RecyKal SF	SF Soepenberg	DM	47,3 %	Potato protein concentrate - PPL
		N	2,5 %	
		P	1 %	
		K2O	8,5 %	
		MgO	0,7 %	
		S	0,7 %	
Riger 4-3-3	Ferm O Feed	DM	90 %	Chicken droppings from free-range husbandry <i>Without admixture of foreign substances and binders</i>
		OS	70 %	
		N	4,5 %	
		P2O5	3,2 %	
		K2O	3,2 %	
		CaO	9 %	
RoPro 13/20	Christoph Fischer	DM	98,16 %	Sweet whey powder, minerals, EM-Keramikpulver (ceramic powder) <i>Supporting the vitality of plants and for prevention and treatment of fungal diseases. Proven for all plants and shrubs</i>
		OS	44,83 %	
		N	1,09 %	
		K2O	1,54 %	
		CaO	2,16 %	
		MgO	2,85 %	
Saproplant	Saproplant	OS	21 %	Sapropropel (digested sludge) <i>Fertiliser and micro-nutrient, soil improving agent</i>
		N	1,1 %	
		P2O5	0,16 %	
		K2O	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 %	
		P2O5	3,2 %	
		K2O	2,4 %	
		CaO	0,2 %	
		MgO	0,94 %	
		S	0,38 %	
SERGOMAX	Servalesa	Cu	1,8 %	Copper sulphate, manganese sulphate, zinc sulphate
		Mn	0,8 %	
		Zn	0,5 %	
Siforga Bio V 4-1-8	Klasmann-Deilmann	DM	90 %	Vinassee, molasses, vegetable materials from food-, beverage/tobacco- and feed production <i>100 % vegetable</i>
		OS	75 %	
		N	4 %	
		P2O5	1 %	
		K2O	8 %	
		CaO	1 %	
		MgO	0,5 %	
		S	2,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
SNOEKs Meisterdünger	Snoek GmbH	DM	78,8 %	Humus from husks of pressed grapes,
		OS	34,7 %	marine algal lime, stone meal, horn
		N	1,96 %	meal, seaweed meal, quartz flour
		P2O5	0,55 %	
		K2O	2,24 %	
		CaO	8,3 %	
		MgO	1,7 %	
Spower Bio2	Spower	DM	100 %	Soft ground rock phosphate, potassium
		P2O5	10 %	sulphate, calcium magnese carbonate,
		K2O	16 %	elemental sulphur, mixture of trace
		CaO	26 %	elements
		S	9 %	
		B	0,075 %	
		Cu	0,05 %	
		Mn	0,21 %	
Spower BioLegu	Spower	DM	100 %	Sea lime
		P2O5	8 %	<i>Graining 3-5 mm, spreading width up to 36 m, 600 kg single-loop bigbag,</i>
		K2O	10 %	<i>Bacterium radicola Need (Mo) and (Co) for binding the atmospheric nitrogen</i>
		S	8 %	
Spower BioLife	Spower	DM	100 %	Sea lime
		OS	100 %	<i>Graining 3-5 mm, spreading width up to 36 m, 600 kg single-loop bigbag; steady sulphur supply</i>
		CaO	37 %	
Spower BioMais	Spower	DM	100 %	Elemental sulphur
		P2O5	14 %	<i>Graining 3-5 mm, spreading width up to 36 m, 600 kg single-loop bigbag; steady sulphur supply, phosphate finely ground; 300 g boron, 400 g zinc, 300 g manganese</i>
		K2O	8 %	
		CaO	17 %	
		S	10 %	
STALLGRENA	GRENA	DM	85 %	Poultry manure
		OS	60 %	
		N	2 %	
StyriaFert N+	Agro Power	OS	95,9 %	Feather meal, bristle meal
		N	13 %	<i>For short and long-term nitrogen supply</i>
		CaO	2 %	
StyriaFert NPK	Agro Power	OS	68 %	Meat and bone meal, Kalisop, blood meal
		N	8 %	<i>For short- and long-term multinutriant fertilization</i>
		P2O5	6 %	
		K2O	7 %	
StyriaFert Powerkorn	Agro Power	OS	70 %	Meat and bone meal, calcium carbonate
		N	7 %	<i>For short- and long-term multinutriant fertilization</i>
		P2O5	11 %	
		CaO	14 %	
StyriaFert Veggie Basis	Agro Power	OS	83,9 %	Residues from food and bioethanol production, cocoa husks
		N	5 %	
		P2O5	3 %	
		K2O	1 %	
StyriaFert Veggie eM	Agro Power	OS	83,9 %	Residual materials food production, cocoa husks, effective microorganisms
		N	5 %	(lactic acid and photosynthetic bacteria, yeasts, sugar cane molasses), humic acids
		P2O5	3 %	
		K2O	1 %	
				<i>Plant NPK fertilizer with effective microorganisms</i>

Tradename	Company	Nutrient content		Composition, Remarks
StyriaFert Veggie Plus P+S	Agro Power	OS	64 %	Residues from food production,
		N	3,5 %	hyperphosphate, elemental sulphur,
		P2O5	5 %	Patentkali
		K2O	2 %	<i>For short and long-term phosphorus and</i>
		S	5 %	<i>sulphur supply</i>
Team F	Uniform	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 %	
Terios Liquido	JAF ITEC	DM	1,15 %	Cactus juice
		OS	100 %	
		N	2 %	
		P2O5	5 %	
		K2O	3 %	
		CaO	3 %	
		MgO	1 %	
		Na	1 %	
		S	3 %	
TerraGold-Wurmkompost	natursache	DM	39 %	Dejecta of worms (vermicompost) from
		OS	58 %	cattle and horse manure
		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-,
		OS	70 %	beverage/tobacco- and feed production
		N	6 %	<i>4 mm-fertiliser-pellets; very good spread</i>
		P2O5	3 %	<i>pattern</i>
		K2O	1 %	
TERRAGON® Haarmehl-Kali-Pellets	hego	DM	90 %	Hair meal, vegetable materials from
		OS	50 %	food-, beverage/tobacco- and feed
		N	8 %	production
		K2O	15 %	
TERRAGON® Powerkorn	hego	DM	90 %	Process biomass from the food industry
		OS	40 %	based on vegetable materials
		N	5 %	
		P2O5	2,5 %	
		K2O	0,5 %	
		CaO	15 %	
		MgO	0,5 %	
		S	1 %	
		Zn	0,11 %	

Tradename	Company	Nutrient content		Composition, Remarks
TERRAmalz® Bio Perfekt	hego	DM	90 %	Malt culms, vegetable materials from food-, beverage/tobacco- and feed production, Dolomag, vinassee-potassium, wheat gluten
		OS	70 %	
		N	4 %	
		P2O5	1 %	
		K2O	6 %	
		CaO	3 %	
		MgO	1 %	
		S	3 %	
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 %	
TRIBÜ	Italpollina	DM	87,2 %	Cattle manure, horse manure
		OS	72,3 %	<i>Without the addition of foreign substances and binders</i>
		N	3,9 %	
		P2O5	2,9 %	
		K2O	3,4 %	
		MgO	1 %	
Veganosol	Veganosol	OS	90 %	Distillers dried grains, Corn Step Liquor, PNC
		N	5,5 %	
		P2O5	2,5 %	<i>Organic fertilizer, vegan, for all fields of application (fruit, vegetables, lawn, gardening and landscaping, agriculture, etc.)</i>
		K2O	1,5 %	
		MgO	0,6 %	
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 %	
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
		S	77 %	
		B	2 %	

## 1-5 Liquid fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
4Plants bio Humin-Plus	AGROsolution	DM	36 %	
		OS	22 %	
		MgO	5,2 %	
		S	3,6 %	
		SiO2	6,6 %	

Tradename	Company	Nutrient content		Composition, Remarks
AKRA Organischer Flüssigdünger	Karner	OS N P2O5 K2O MgO Cu Fe Mn Mo Zn	25 % 1,5 % 0,6 % 4,1 % 0,4 % 0,04 % 0,1 % 0,03 % 0,006 % 0,04 %	Organic residual potato fruit water concentrate, AKRA Azotobacter N-bacteria
Alginin Vital® Kalium20	Intrachem	DM OS K2O	60 % 42,8 % 21 %	Potassium salt, humic acids, algae concentrate, citric acid, vegetable amino acids <i>Effectively acting through new fertiliser technology (Amino-Humic-Citrate-Complex)</i>
Alginin Vital® Norg9	Intrachem	N	9 %	<i>Purely vegetable nitrogen. Especially effective through new fertiliser technology (Amino-Humic-Citrate-Complex)</i>
Alginin Vital® NPK 6-2-2	Intrachem	DM OS N P2O5 K2O	55,3 % 84,5 % 6 % 2 % 2 %	Vegetable amino acids, water, soft ground rock phosphate, potassium salt, humic acid, algae concentrate, citric acid <i>For absorption through leafs or roots</i>
Alginure®-Vital	Tilco	DM OS N K2O	16 % 13 % 0,8 % 1,4 %	Algae extract, vinasse, leonardite <i>Algae extract, humic acid and vegetable amino acids</i>
AMALGEROL ESSENCE	Hechenbichler	DM OS N K2O	50 % 83 % 2 % 3 %	Plant extracts, peptides, seaweed extract <i>Rich in anti-oxidants, for provision against and recovery of plant stress</i>
AMINOBETA	Heinr. Propfe	OS N MgO S	37 % 6 % 0,5 % 2,3 %	100 % vegetable material
Aminofert Kalium	Beckmann & Brehm	DM OS N K2O	72,3 % 42,8 0,15 % 20 %	Vegetable potassium <i>Organic potassium fertiliser solution with 20 % K2O of vegetable origin</i>
AMINOGLU	Heinr. Propfe	DM OS N S	53 % 42 % 4,8 % 1,3 %	100 % vegetable material <i>19,5 % amino acids, predominantly glutamine</i>
AMN Powerdünger®	Mack	N P2O5 K2O Fe	7 % 2 % 3 % 0,3 %	<i>100 % vegetable substances from food-, beverage/tobacco- and feed production.</i> <i>Activation of soil life, balancing deficiencies, nutrient supply</i>
AMN Verde®, Bio-Pflanzennahrung und Vitalisierung	Mack	N P2O5 K2O Fe	2,5 % 0,2 % 3 % 0,3 %	Sugar beet extract, bark extract from fir trees, grain extracts, natural acids <i>Organic liquid fertilizer, without animal components</i>

Tradename	Company	Nutrient content		Composition, Remarks
AMN® Rosenpracht	Mack	N	7 %	<i>100 % vegetable substances from food-, beverage/tobacco- and feed production. Activation of soil life, balancing deficiencies, nutrient supply</i>
		P2O5	2 %	
		K2O	3 %	
		Fe	0,3 %	
AMN® Stercus	Mack	N	6,75 %	<i>Vegetable substances from food-, beverage/tobacco- and feed production Nitrogen-based, purely vegetable liquid fertilizer without vinasse</i>
		P2O5	0,60 %	
		K2O	2,99 %	
Beiselen Top Bor 150	Lebosol	B	11 %	Boron
BIOCON	BIOCO	DM	48 %	<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 %	<i>Chloride &lt; 0,1 % 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	
Bio-Dünger (rein Organischer Flüssigdünger)	Keyzers	Zn	4,75 mg/kg	
		DM	60 %	Vinasse
		OS	40 %	
		N	3 %	
BIOMAX	Asburg	K2O	6 %	
		N	1,10 %	<i>Unchlorinated water, pH 6,5-7,2, organic humus</i>
		P2O5	1,14 %	
		K2O	1,04 %	
Biota-Calcium	Biota-Nutrients	CaO	8,2 %	Lignosulphonate
Biotrissol org. 4+2+5	Heinr. Propfe	DM	50 %	<i>Corn spring water, vinasse</i>
		OS	50 %	
		N	4 %	
		P2O5	2 %	
		K2O	5 %	
Biotrissol organisch mineralischer Dünger flüssig 4+1+5	Heinr. Propfe	DM	60 %	<i>Vinasse, rock phosphate</i>
		OS	45 %	
		N	4 %	
		P2O5	1 %	
		K2O	5 %	
		MgO	0,1 %	
CARBO-ECO Ca	Phytosolution	CaO	10 %	CaO
CARBO-ECO K	Phytosolution	K2O	20 %	<i>Potassium sulphate Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</i>
CARBO-ECO Mg	Phytosolution	MgO	5 %	
		S	4 %	
COACH	Green Seal	N_total	1,55 %	<i>Microorganisms</i>
		K2O	7,51	
		Na	1,90 %	
Diaglutin® N flüssig	Biofa	N	9 %	Vegetable protein hydrolysate
		P2O5	0,7 %	

Tradename	Company	Nutrient content		Composition, Remarks
Espartan	Kimitec	OS N P2O5 K2O CaO	30 % 3 % 3 % 3 % 0,7 %	Sugar beet molasses, water, saccharomyces
FERTIBIOL	Green Seal	OS N K2O	4,97 % 2,3 % 4,08 %	Microorganism
Fertileader Azur - Ca	Timac DE	CaCl	15 %	Solution of calcium chloride 15 % <b>Against bitter pip in apples</b>
FITOPOWER	Green Seal	OS N P2O5 K2O	5,07 % 2,5 % 2,5 % 2,9 %	Microorganisms
FLOWGREEN DESAROLLO Y ENGORDE	Laboratorios Econatur	N P2O5 K2O	3,5 % 2,5 % 6,5 %	
FOS-K	Green Seal	OS N P2O5 K2O MgO	6,14 2,12 % 11,43 % 7,6 % 18,31	Microorganisms
FUNIBIOL K	Green Seal	OS N K2O	8,4 % 2,6 % 2,2 %	Microorganisms, molasses
GREEN LIFE	Green Seal	K2O CaO MgO	8,28 % 5,12 % 1,16 %	Microorganisms
KUDERS BIO-AKTIV Dünger	Wilhelm Haug	OS N P2O5 K2O CaO MgO Na S	35 % 4 % 1 % 6 % 0,6 % 0,1 % 2 % 2 %	Vinasse, rock phosphate
Mairol BioGreen	Mairol	K2O CaO MgO SiO2 Al2O3	1,06 % 38,45 % 1,11 % 19,87 % 5,13 %	Calcium carbonate
MikroVeda TERRA	MikroVeda	N K2O	0,7 % 0,16 %	Microorganisms <i>Fermented plant extract that promotes soil organisms and improves plant resistance</i>
Mineral-Ful (MLG-50)	Aukštėja	DM OS N S	10 % 18 % 0,25 % 1,2 %	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>
Multisei	SEIPASA	OS N K2O	36,6 % 2,8 % 3,5 %	Vinasse

Tradename	Company	Nutrient content		Composition, Remarks
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 %	
ORGANIHUM PLUS	Laboratorios Econatur	N	1,6 %	Vegetables extract
		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 %	
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 %	<i>Suspension of micronised dolomite rock</i>
		CaO	18,5 %	
		MgO	12,5 %	
		SiO <sub>2</sub>	0,18 %	
Provita Bor	Beckmann & Brehm	B	11 %	Boron ethanolamine <i>Boron ethanolamine liquid</i>
Provita Calcium	Beckmann & Brehm	CaO	28 %	Micronised stone meal <i>Calcium fertiliser suspension with 28 % CaO</i>

Tradename	Company	Nutrient content		Composition, Remarks
Provita Molybdän	Beckmann & Brehm	Mo	16 %	Molybdenum <i>Molybdenum fertiliser solution</i>
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 %	
REGULSER ECO	Servalesa	Mn	1 %	Water, citric acid, zinc sulphate, manganese sulphate
		Zn	1 %	Product only available in Spain
Soil Roots	Croptivate	DM	40 %	Potato protein, zinc sulphate, manganese sulphate
		OS	26,5 %	
		N	2,8 %	
		K2O	4,3 %	
		S	4,6 %	
SULFOLAC 85 SC	Heinr. Propfe	DM	65 %	Sulphur
		S	58 %	
VITANAL NaturAktiv Gemüse	Dr. Rech's	DM	1,48 %	Grain ferments, active microorganisms
		OS	1,45 %	<i>Fertilization and soil improvement in one, yield increase, quality improvement, stress resistance</i>
		N	0,13 %	
		P2O5	0,01 %	
		K2O	0,01 %	
VITANAL NaturAktiv Kräuter	Dr. Rech's	DM	1,48 %	Grain ferments, active microorganisms
		OS	1,45 %	<i>Fertilization and soil improvement in one, yield increase, quality improvement, stress resistance</i>
		N	0,13 %	
		P2O5	0,01 %	
		K2O	0,01 %	
Vitanal NaturAktiv Universal	Dr. Rech's	DM	1,48 %	Grain ferment, NPK-fertiliser
		OS	1,45 %	<i>Universal fertiliser, grain ferment, liquid, for all plants inside and outside</i>
		N	0,13 %	
		P2O5	0,01 %	
		K2O	0,01 %	
Vitanal Professional Bodenaktivator	Dr. Rech's	DM	5,82 %	Grain ferments
		OS	5,73 %	<i>Soil fertilizer, liquid grain ferments, soil improvement</i>
		N	0,07 %	
		P2O5	0,02 %	
		K2O	0,02 %	
Vitanal Professional Rasen	Dr. Rech's	DM	3,5 %	Grain ferment
		OS	3,35 %	<i>Lawn fertilizer, liquid grain ferment, for sports and leisure lawns</i>
		N	0,07 %	
		P2O5	0,02 %	
		K2O	0,02 %	

Tradename	Company	Nutrient content		Composition, Remarks
Vitanal Professional Rosen	Dr. Rech's	DM	4,4 %	Grain ferment, NPK-fertilizer
		OS	4,37 %	<i>Fertilizer for roses, liquid grain ferment, reducing the soil fatigue</i>
		N	0,13 %	
		P2O5	0,02 %	
		K2O	0,02 %	
Vitanal Professional sauer/kombi	Dr. Rech's	DM	1,57 %	Grain ferment
		OS	1,54 %	<i>Foliar fertilizer, nutrient concentrate, grain ferment liquid</i>
		N	0,34 %	
		P2O5	0,02 %	
		K2O	0,01 %	
Vitanal Professional Wachstumsstarter	Dr. Rech's	DM	1,43 %	Grain ferment
		OS	1,4 %	<i>Soil fertilizer, liquid grain ferment, aid for root development</i>
		N	0,05 %	
		P2O5	0,005 %	
Vitanal Typ N	Dr. Rech's	DM	11,34 %	Grain ferment
		OS	10,68 %	<i>Plant fertilizer, liquid grain ferment, healthy plant nutrition</i>
		N	0,07 %	
		P2O5	0,01 %	
		K2O	0,02 %	
WUXAL® Multimicro	Aglukon	DM	34 %	Mixture of trace elements
		OS	9,5 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		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
		OS	75,9 %	<i>For organic fertilisation approx.</i>
		N	5,76 %	<i>1,500-2,500 kg/ha in spring and</i>
		K2O	10,47 %	<i>2,500-3,500 kg/h in autumn</i>
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 %	

#### 1-5-1 Liquid fertilizers rich in nitrogen

Tradename	Company	Nutrient content		Composition, Remarks
Bio-Plantsol	Phytosolution	OS	25 %	Vegetable protein hydrolysate
		N	4 %	
Biota-Amino	Biota-Nutrients	OS	59,43 %	Enzymatic hydrolysed plant extracts
		N	8,4 %	
BOMBARDIER	Kimitec	DM	67 %	Sugar beet molasses, wheat glucose
		OS	60,4 %	syrop, maize glucose syrop, rye glucose
		N	8,4 %	syrop, bacteria
		NH4-N	4 %	
		P2O5	0,55 %	

Tradename	Company	Nutrient content		Composition, Remarks
Crescal® Liquid Aminoplant	Aglukon	N	2 %	Corn seed extract
		P2O5	2 %	
		K2O	2 %	
Veganofluid	Veganosol	DM	48,4 %	Betaine, residual potato fruit water
		OS	89 %	<i>Liquid universal fertilizer for fruit- and vegetable cultivation, flowers, agriculture, green area, nurseries</i>
		N	4,8 %	
		K2O	0,7 %	
		Na2O	0,7 %	
Vinasse-Vinadax	Dacam	N	5,19 %	Vinasse
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
		K2O	2,9 %	and magnesium carbonate, calcium
		CaO	7,1 %	carbonate, zinc sulphate, manganese
		MgO	7,1 %	carbonate, potassium sulphate, sodium
		S	4,4 %	molybdate
		B	3,6 %	
BIO PROJECT MT 1.0 SOIL	BioKimia	Mn	2,9 %	
		N	1 %	Amino acids of vegetable origin from fluid
		Cu	1 %	yeast extract, amino acids from
		Fe	0,5 %	metabolites from four strains of <i>Bacillus</i>
		Mn	0,3 %	<i>subtilis</i> , brown algae cream, copper
		Zn	1,1 %	sulphate, zinc sulphate monohydrate, iron
CARBO-ECO Cu CARBO-ECO Fe CARBO-ECO Mn CARBO-ECO Zn codamin microradicular	Phytosolution	Cu	5 %	iron sulphate, manganese sulphate
		Fe	5 %	monohydrate
		Mn	5 %	<i>Fluid yeast extract with brown algae,</i>
		Zn	5 %	<i>obtained by extraction with water, copper salt (sulphate), iron salt (sulphate), manganese salt (sulphate) and zinc salt (sulphate)</i>
		SAS		
				Vegetal hydrolysate protein, mixture of trace elements
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			<i>Application in all cultures with respective nutrient requirements</i>
Herbagreen phosphor	Sanovita	DM	40,83 %	<i>Application in all cultures with respective nutrient requirements</i>
		N	1,73 %	
		K2O	4,28 %	
Microfert-Bor	AGREX	DM	86 %	Boron oxide
		B	17,5 %	<i>Trace element fertiliser for the prevention, respectively termination of boron deficiency; synonym orthoboric acid</i>
Nutrigeo	GAIAGO	B	1 %	Boron ethanolamines, manganese sulphate, lignosulfonates

Tradename	Company	Nutrient content		Composition, Remarks
PhytoGreen®-Bor	Phytosolution	B	11 %	Boron ethanalamine <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 fertilization</b>
PhytoGreen®-Molybdän	Phytosolution	Mo	15,6 %	Molybdenum
PhytoGreen®-Nährstoff Beize	Phytosolution	N P2O5 K2O Ca Mg S B Cu Mn Mo Zn	1-3,5 % 0,1 % 1-3 % 0-3,2 % 0-2 % 0,2-2 % 0,2-1,5 % 0-2 % 3-12 % 0,1-0,3 % 0-6 %	Vinasse, 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>
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
RHIZORG	Timac Agro	OS N K2O	40 % 2 % 5 %	Residues from alcohol distillation

## 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 CaO MgO	98 % 31 % 25 %	Dolomite meal
AKRA Magnesia +S	Karner	CaO MgO S	36 % 21 % 2,5 %	Dolomite, natural gypsum
Aktiv GRANUKAL / Baltic Aktiv GRANUKAL	VKD	CaO MgO	49 % 0,5 %	Calcium carbonate, magnesium carbonate <i>Granulated lime carbonate, about 2-5 mm</i>
Baltic GRADE III extra / OMYA MAGPRILL 90	VKD	CaO MgO	38 % 12 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated carbonate of magnesium lime, 2-5 mm</i>

Tradename	Company	Nutrient content		Composition, Remarks
biofiMUM 95	Schneider	DM	95 %	Limestone meal
		CaO	53 %	<i>For all cultures and spreading techniques, loose, in 25 kg sack or in 1000 kg bigbag</i>
		SiO2	5 %	
Calcifertil® - Kohlensaurer Kalk	Rheinkalk Lhoist	DM	92-98 %	Calcium carbonate, magnesium carbonate
		OS	< 1 %	
		CaCO3	75-95 %	<i>Sustainable lime effect, suitable for maintenance liming, healing liming, soil improving liming</i>
Calcifertil® - Kohlensaurer Magnesiumkalk	Rheinkalk Lhoist	MgCO3	bis 10 %	
		CaCO3	45-70 %	<i>Sustainable lime effect, suitable for maintenance liming, healing liming, soil improving liming</i>
CALCIKORN GS	DüKa	CaO	50 %	Calcium carbonate
		S	2 %	
Calcimer T400	Timac DE	CaO	40 %	Marine lime
		MgO	1 %	
CalciPlus 79 feucht	Fels-Werke	DM	90 %	Limestone
		CaCO3	79 %	
		CaO	49,2 %	
Camasil®	Witteler GmbH & Co. KG	DM	97 %	Calcium carbonate, primary rock flour, magnesium carbonate, silicon
		CaO	45 %	
		MgO	2,4 %	
		SiO2	6 %	
Carbokalk	Nordzucker	DM	68 %	Calcium carbonate, magnesium oxide
		P2O5	1,5 %	<i>Lime fertiliser from sugar production; 27 % alkaline effective ingredients (tried as CaO); reactivity 105 %</i>
		CaO	29 %	
CiniCal	DüKa	DM	92-96 %	Plant ash with an alkaline effect, lime-/dolomite stone
		P2O5	1 %	
		K2O	3 %	
		CaO	25 %	
		MgO	8 %	
Dolocal	Otterbein	CaO	42 %	Calcium and magnesium carbonate
		MgO	9 %	<i>EC fertilizer, mariner limestone - standard quality, reactivity &gt; 60 %</i>
DOLOKAL 75-95	MONTEX	DM	99 %	Limestone
		CaO	42-54 %	<i>Reactivity &gt; 80 %, easy to implement; DLG-certified</i>
DOLOKORN	DüKa	CaO	33,6 %	Carbonic magnesium lime
		MgO	14,3 %	<i>Granulate</i>
DOLOMIN	DüKa	DM	45 %	Lime, dolomite, clay, water
		CaO	15 %	Lime-clay suspension for liquid manure processing
		MgO	2 %	
		Fe	1 %	
		SiO2	10 %	
Dolomitkalk 10 kg, 25 kg	gpi green partners international	CaCO3	55 %	Calcium and magnesium carbonate
		MgCO3	35 %	
DOLOMIX Bio 4/2	DüKa	P2O5	4 %	Calcium magnesium carbonate, soft ground rock phosphate, calcium sulphate
		CaO	26 %	
		S	2 %	<i>Dry and moistened</i>
DüKa-Kohlensaurer Kalk	DüKa	CaO	45-53 %	Calcium carbonate <i>Dry and moistened</i>
DüKa-Kohlensaurer Kalk mit Calciumsulfat 80 + 2	DüKa	CaO	45 %	Calcium carbonate, calcium sulphate
		S	2 %	<i>Moistened</i>

Tradename	Company	Nutrient content		Composition, Remarks
DüKa-Kohlensaurer Magnesiumkalk	DüKa	CaO MgO	25-45 % 7-19 %	Calcium carbonate, magnesium carbonate <i>Dry and moistened</i>
DüKa-Kohlensaurer Magnesiumkalk mit Calciumsulfat 80 + 2	DüKa	CaO MgO S	25-34 % 9-16 % 2 %	Carbonic magnesium lime, calcium sulphate <i>Dry and moistened</i>
Düngekalk mit Phosphat und Kali	USUM	DM P2O5 K2O CaO	75 % 1 % 3 % 15 %	Ash from natural wood <i>Quickly and sustainably effective lime fertilizer with natural phosphate and potash, for a rounded basic fertilization and lime fertilization</i>
FITOSMART	Sters	DM CaO SiO2	99,96 % 52,9 % 1,75 %	Micronised calcite
Gartenkalk 20 kg	gpi green partners international	CaCO3 MgCO3	55 % 35 %	Calcium- and magnesium carbonate
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 MgCO3	55 % 35 %	Calcium- and magnesium carbonate
Geperlter Frühlings-Naturkalk 5 kg	gpi green partners international	CaCO3 MgCO3	82 % 11 %	Calcium- und magnesium carbonate 82 % CaCO3, 11 % MgCO3
Geperlter Herbst-Naturkalk 5 kg	gpi green partners international	CaCO3 MgCO3	80 % 10 %	Calcium- and magnesium carbonate
GRADE 0 extra / OMYA CALCIPRILL 110	VKD	CaO MgO	51,5 % 0,7 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated calcium carbonate, 2-5 mm</i>
GRADE I extra / OMYA CALCIPRILL 105	VKD	CaO MgO	49 % 2,4 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated calcium carbonate, containing magnesium, 2-5 mm, DLG-certified 148422L-04</i>
GRADE II extra / OMYA CALCIPRILL 100	VKD	CaO MgO	45,9 % 5,25 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated calcium carbonate, containing magnesium, 2-5 mm</i>
GRADE IV extra / OMYA MAGPRILL 80	VKD	CaO MgO	34 % 15 %	Calcium carbonate, magnesium carbonate, auxiliary agent for granulation <i>Granulated carbonic magnesium lime, 2-5 mm</i>
GRANUKAL 2 - 5 mm / Baltic GRANUKAL 2 - 5 mm	VKD	CaO MgO	46,5 % 2,4 %	Calcium carbonate, magnesium carbonate <i>Granulated calcium carbonate, containing magnesium; DLG-certified 148422L-01</i>
GreenFit CaCO3 92 %	Yves Kessler	CaO	52,2 %	Calcium carbonate
Harzer Magnesiumkalk 50/40	VKD	CaO MgO	28 % 21,5 %	Magnesium lime
Herbaland K	Sanovita	DM CaO MgO Fe	100 % 38,3 % 2,1 % 3,1 %	<i>Application as a soil additive in all crops with respective nutrient requirements</i>

Tradename	Company	Nutrient content		Composition, Remarks
HumiPlus Natur	Timac DE	CaO	30 %	Dolomitic limestone
		MgO	15 %	
		S	7,7 %	
JURAKALK 80-95	MONTEX	DM	96 %	Limestone
		CaO	45-53 %	<i>Long-term effect, levels dependent on the supplier</i>
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 % CaCO3 and 3 % MgCO3</i>
Kohlensaurer Düngekalk	Debus	CaCO3	78,8 %	Limestone meal
		CaO	43,3 %	<i>Reactivity &gt; 70 %</i>
		MgCO3	09,9 %	
Kohlensaurer Düngekalk	LEHNER	CaO	56,3 %	Calcium carbonate
Kohlensaurer Düngekalk	RT Recycling	CaCO3	70-82 %	Limestone meal
		CaO	40-50 %	
		MgCO3	3,5-6 %	
Kohlensaurer Düngekalk (auch magnesiumhaltig)	Kalkwerk Hehlen	CaO	31-46 %	Shell limestone
		MgO	1,4-12 %	<i>Reactivity 60 %, long term effect</i>
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 %	
		SiO2	9 %	
Kohlensaurer Kalk 91 fein	Schorr	DM	100 %	Calcium carbonate
		CaO	53 %	
		MgO	0,3 %	
Kohlensaurer Kalk 91 mikrofein	Schorr	DM	100 %	Calcium carbonate
		CaO	53 %	
		MgO	0,3 %	
Kohlensaurer Magnesiumkalk	Wünschendorfer	DM	92-97 %	Dolomitic limestone
		CaO	29,7 %	<i>Available as dry and moistened</i>
		MgO	17,7 %	
Kohlensaurer Magnesiumkalk 90	Otterbein	DM	99,5 %	Calcium carbonate, carbonic magnesium lime
		CaO	42 %	
		MgO	7,5 %	<i>Reactivity &gt; 80 %</i>
		SiO2	6,1 %	
Kohlensaurer Magnesiumkalk 91 fein	Schorr	DM	100 %	Calcium carbonate, magnesium carbonate
		CaO	31 %	
		MgO	18 %	
Kohlensaurer Magnesiumkalk 91 mikrofein	Schorr	DM	100 %	Calcium carbonate, magnesium carbonate
		CaO	31 %	
		MgO	18 %	
Kohlensaurer Magnesiumkalk mit Schwefel 80/2	Wünschendorfer	DM	92-97 %	Naturally occurring dolomite, natural gypsum
		CaO	26,3 %	
		MgO	15,8 %	<i>Moistened. Suitable for application by disc spreader</i>
		S	2 %	

Tradename	Company	Nutrient content		Composition, Remarks
Lithovit Boden -Tribodyn Bodendünger	Tribodyn	DM	99,84 %	Calcium carbonate
		CaCO <sub>3</sub>	79,03 %	<i>Tribodynamic activated and micronized, highly energized, increase of the enzyme activity</i>
		CaO	38,7 %	
		MgO	6,7 %	
		Fe	1,1 %	
		SiO <sub>2</sub>	13,4 %	
Lord Grow	Sters	DM	99,96 %	Micronized calcit
		CaO	52,9 %	<i>Micronized calcite of natural origin</i>
		SiO <sub>2</sub>	1,75 %	
Magnesiumfein 50-30	Witteler GmbH & Co. KG	CaO	28 %	Calcium carbonate, magnesium carbonate
		MgO	15 %	<i>Consists of 50 % calcium carbonate and 30 % magnesium carbonate</i>
Magnesiumfein 60-25	Witteler GmbH & Co. KG	CaO	34 %	Calcium carbonate, magnesium carbonate
		MgO	12 %	<i>Consists of 60 % calcium carbonate and 25 % magnesium carbonate</i>
Magnesiumfein 65-15	Witteler GmbH & Co. KG	CaO	36,5 %	Calcium carbonate, magnesium carbonate
		MgO	7 %	<i>Consists of 65 % calcium carbonate and 15 % magnesium carbonate</i>
Magnesiumfein 75-10	Witteler GmbH & Co. KG	CaO	42 %	Calcium carbonate
		MgO	4,7 %	<i>Consists of 75 % calcium carbonate and 10 % magnesium carbonate</i>
MEERKALK	Hechenbichler	CaO	51 %	Calcium carbonate
		MgO	1 %	<i>Grained, 2-5 mm, low dust level, from high-quality, quickly effective chalk</i>
Microcal 80 - Kohlensaurer Kalk 80, angefeuchtet	Otterbein	DM	90 %	Calcium carbonate
		CaO	42 %	<i>Reaktivität &gt; 95 %</i>
		MgO	1,3 %	<i>DLG quality certificate, premium level</i>
		SiO <sub>2</sub>	8 %	
MILLIGRAN 95	Schneider	DM	95 %	Calcium carbonate-granulate
		CaO	52 %	<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>
		MgO	1,5 %	
		SiO <sub>2</sub>	5 %	
MONTEX 80-90	MONTEX	DM	96 %	Dolomitic limestone
		CaO	28-45 %	<i>Long-term effect, levels dependent on the supplier; DLG-certified</i>
		MgO	3-20 %	
MONTEX Oeco-P 3-15	MONTEX	DM	96 %	Dolomitic limestone; apatite
		P2O <sub>5</sub>	3-15 %	<i>Long-term effect, levels dependent on the supplier, DLG-certified</i>
		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
		MgO	2,4 %	<i>Granulated calcium carbonate, containing magnesium; DLG-certified 148422L-01</i>
		P2O <sub>5</sub>	5 %	
		CaO	21 %	
ÖKOPHOS-PLUS	DüKa	MgO	7 %	<i>Carbonic magnesium lime, soft ground rock phosphate, calcium sulphate Granulate</i>
		S	4 %	

Tradename	Company	Nutrient content		Composition, Remarks
OmyaPro Calcium	Omya	CaO	50 %	Calcium carbonate <i>Foliar fertilizer from natural calcium carbonate</i>
optiflor 80/10	Hauri	CaO	52 %	Calcium carbonate, dolomite
		MgO	5 %	<i>Granulated and powder</i>
Physiomag	Timac DE	CaO	33,2 %	Magnesium carbonate (Dolomite), shell limestone
		MgO	11 %	
Physiomax	Timac DE	CaO	44 %	Calcium carbonate
		MgO	3 %	<i>Calcium carbonate from the sea (shell limestone)</i>
Phytosol	Phytosolution	CaO	27 %	Suspension of micronised CaCO3
		Fe	0,007 %	(calcium carbonate)
		SiO2	0,2 %	
ProGrow®-Plant KO 56	Progress Agrar	DM	99,1 %	Shell limestone from oysters
		CaO	62,67 %	<i>For all agricultural and horticultural crops</i>
Qualitätsmuschelkalk 75	Witteler GmbH & Co. KG	CaO	43 %	Calcium carbonate, magnesium carbonate
		MgO	1 %	<i>Natural lime with a calcium carbonate content of more than 75 %</i>
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	CaCO3	95 %	Calcium carbonate
RoPro-Startfit	Christoph Fischer	DM	100 %	Calcium carbonate
		OS	0,21 %	<i>Enhances photosynthesis performance and fruit development - decreases drought stress. Application starting at 3-leaf-state or at vegetation start</i>
		CaO	48 %	
Rothaarkalk® 90 + 2S	Witteler GmbH & Co. KG	CaO	51 %	'Rothaarkalk® 95', 'Casovit® '
		S	2 %	<i>Pure calcium carbonate with over 90 % CaCO3 and an addition of natural sulphur by admixing "Casovit®"</i>
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	97,78 %	Calcium carbonate
		CaO	54,07 %	<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>
RWZ-BasiMag	RWZ Rhein-Main	DM	97,97 %	Calcium carbonate, magnesium carbonate
		CaO	26,9 - 40,82 %	<i>Calcium carbonate, earth-moist, dry, grinding fineness: 0-0,05 mm / 0-0,09 mm / 0-2 mm</i>
		MgO	13,12 - 16,01 %	
Söka I	VKD	CaO	47,6 %	Chalk lime <i>Chalk lime &gt; 80 % reactivity</i>

Tradename	Company	Nutrient content		Composition, Remarks
Söka II	VKD	CaO	44,8 %	Chalk lime, dolime
		MgO	2,4 %	<i>Chalk lime 80 % reactivity</i>
Söka III	VKD	CaO	39,2 %	Chalk lime, dolime
		MgO	7,2 %	<i>Mixture of chalk lime and limestone</i>
Sulphacal Bio - Kohlensaurer Kalk 65 mit 2% Schwefel, angefeuchtet	Otterbein	DM	90 %	Calcium carbonate, calcium sulphate
		CaO	36 %	<i>Reactivity &gt; 40 %</i>
		S	2 %	
Tribocare-Calcite	Agrostim	DM	99,9 %	Calcite
		CaO	41,7 %	<i>Tribodynamic activated, highly energized</i>
		MgO	3 %	
		Fe	0,25 %	
		Mn	0,02 %	
		Zn	0,0026 %	
		SiO2	5 %	

#### 1-6-1-1 Limestone

Tradename	Company	Nutrient content		Composition, Remarks
Care Protector	JAF ITEC	DM	1,05 %	Calcite, limestone
		OS	10 %	
		N	0,5 %	
		P2O5	1,09 %	
		K2O	0,9 %	
		CaO	45 %	
		MgO	5,9 %	
		Na	0,5 %	
		S	3 %	
Care Protector Plus	JAF ITEC	DM	1,05 %	Calcite, limestone
		OS	10 %	<i>The calcite stone is mixed with dolomite stone and then ground</i>
		N	0,5 %	
		P2O5	1,1 %	
		K2O	1 %	
		CaO	48 %	
		MgO	7 %	
		Na	0,5 %	
		S	5 %	
RoPro-Startfit	Christoph Fischer	DM	100 %	Calcium carbonate
		OS	0,21 %	<i>Enhances photosynthesis performance and fruit development - decreases drought stress. Application starting at 3-leaf-state or at vegetation start</i>
		CaO	48 %	

#### 1-6-1-2 Calcified seaweed

Tradename	Company	Nutrient content		Composition, Remarks
Algen	Jadis	DM	99,5 %	Lithothamnium
		OS	7 %	<i>100 % lithothamnium</i>
		CaO	44,6 %	
		MgO	5,2 %	
Hasolit Kombi	Biolchim	CaO	35,8 %	Seaweed lime
		MgO	4,8 %	

Tradename	Company	Nutrient content		Composition, Remarks
IHO-AGRO	Industrias Bionaturales	DM	19-21 %	
		OS	12-13 %	Algae
		N	0,202 g/l	
		P2O5	0,35 g/l	
		K2O	4,83 g/l	
		CaO	17 %	
		MgO	0,285 %	
Spower Bio1	Spower	Cu	1,95 %	
		Fe	2,93 %	
		DM	100 %	
		CaO	37 %	<i>90 % reactive sea lime, Excello, kieserite and finely ground elemental sulphur,</i>
		MgO	5 %	<i>grain size 3-5 mm, spreading width up to 36 m</i>
		S	10 %	
Spower BioAktiv	Spower	Cu	0,05 %	
		Zn	0,05 %	
		DM	100 %	Sea lime
		CaO	41 %	<i>Graining 3-5 mm, spreading width up to 36 m, 600 kg single-loop bigbag. Steady sulphur supply, improves water absorption and soil quality</i>
<b>1-6-2 Magnesium carbonate</b>				

Tradename	Company	Nutrient content		Composition, Remarks
AlliumMag	Mack	DM	19,1 %	Garlic water extract, magnesium sulphate
		OS	7,21 %	<i>Vitalization, magnesium supply</i>
		MgO	4,78 %	
		S	3,55 %	
BioVit Mg	Mack	DM	19,1 %	Garlic water extract, magnesium sulphate
		OS	7,21 %	<i>Vitalization, magnesium supply</i>
		MgO	4,78 %	
		S	3,55 %	
Bittersalz 5 kg	gpi green partners international	MgO	16 %	Magnesium sulphate
		S	13 %	<i>Against needle blight</i>
CARBO-ECO Mg	Phytosolution	MgO	5 %	Magnesium sulphate
		S	4 %	
EPSO Combitop	K+S KALI	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 KALI	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 KALI	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>
ESTA Kieserit "fein"	K+S KALI	MgO	27 %	Kieserite
		S	22 %	<i>Natural magnesium sulphate</i>

Tradename	Company	Nutrient content		Composition, Remarks
ESTA Kieserit "gran"	K+S KALI	MgO S	25 % 20 %	Kieserite <i>Natural magnesium sulphate</i>
Gärtner's Bittersalz 2,5 kg, 5 kg, 10 kg	gpi green partners international	MgO S	16 % 13 %	Magnesium sulphate
Harzer Magnesiumkalk 50/40	VKD	CaO MgO	28 % 21,5 %	Magnesium lime
HumiPlus Natur	Timac DE	CaO MgO S	30 % 15 % 7,7 %	Dolomitic limestone
Physiomag	Timac DE	CaO MgO	33,2 % 11 %	Magnesium carbonate (Dolomite), shell limestone
Phytosol-Duo	Phytosolution	DM CaO MgO SiO2	59 % 18,5 % 12,5 % 0,18 %	<i>Suspension of micronised dolomite rock</i>
Rüdersdorfer Magnesiumkalk	VKD	CaO MgO	23 % 12 %	Magnesium lime
SANBIO® EPSOMIT	Sanbos	DM OS MgO S	63 % 21 % 16 % 13 %	Magnesium sulphate
SANBIO® PLANTA	Sanbos	DM OS N K2O MgO Na S	72 % 48 % 1,27 % 10,4 % 12,2 % 3,04 % 11,4 %	Epsom salt, extract from algae, bacterial solution
Wolf Trax Magnesium DDP 30%	VKD	MgO	50 %	Magnesium oxide, magnesium sulphate, magnesium carbonate <i>For fertilizer coating</i>

### 1-6-3 Sulphur

Tradename	Company	Nutrient content		Composition, Remarks
AktiCal-Oeco	MONTEX	DM Ca S	90,2 % 20 % 14 %	Calcium sulphate <i>Finely ground natural gypsum rock</i>
Casovit®	Witteler GmbH & Co. KG	CaO S	33 % 18 %	Calcium sulphate <i>Natural product consisting of calcium sulphate</i>
DüKa Bio-Gypsum	DüKa	DM Ca S	90-91 % 25 % 20 %	Calcium sulphate <i>Calcium sulphate (Anhydrite); product is not alkaline effective, but delivers water soluble sulphur and structurally effective calcium</i>
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
Erbers Schwebellinsen	ERBER AGRO	S	87 %	Elemental sulphur, bentonite
FARMSO4	Farmgreen	S	56 %	Elemental sulphur

Tradename	Company	Nutrient content		Composition, Remarks
GRADE S extra 14 plus / OMYA CALCIPRILL S 14	VKD	CaO S	45 % 14 %	Sulphur, calcium carbonate <i>Natural calcium- and sulphur fertiliser, granulated 2-5 mm</i>
GranuGips	GFR mbH	DM Ca S	100 % 28 % 20 %	Calcium sulphate <i>Natural calcium- and sulphur fertilizer, granulated</i>
Grinver Zolvo 87	Biolchim	S	87 %	Sulphur, bentonite
GÜLLESCHWEFEL+	Hechenbichler	S	96 %	Sulphur, sodium lauryl sulphate, base oil, silicon dioxide <i>Finely ground, low dust level, to stir in the manure</i>
HanseBiosulfur	Hanseplant	S	50 %	Natural elemental sulphur <i>The sulphur originates from a bacterial desulphurisation process</i>
Harzer Naturgips Anhydrit	Remmert	DM CaO S	99,3 % 39,2 % 28 %	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>
Harzer Naturgips Dihydrat	Remmert	CaO S	32,2 % 20 %	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>
Naturgips	GFR mbH	Ca S	21 % 15 %	Calcium sulphate-dihydrate, natural accompanying materials, free moisture <i>Natural calcium- and sulphur fertilizer, pit moist</i>
ÖKO Calciumsulfat Granulat S21+	Schneider	DM CaO S	99,8 % 0,9 % 22 %	Sulphur, calcium carbonate <i>26 % calcium + 22 % sulphur available as sulphate for fast and long-lasting supply of calcium and sulphur</i>
OmniCult Gütteschwefel	OmniCult	S	98,5 %	Elemental sulphur
OmniCult Schwefel flüssig	OmniCult	S	57 %	Elemental sulphur
OmniCult Schwefel-Linsen	OmniCult	S	90 %	Elemental sulphur, bentonite
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
Polysulfat	ICL Fertilizers	DM K2O CaO MgO Na S B	99,5 % 14 % 17 % 6 % 2 % 19 % 0,01 %	Calcium sulphate, potassium sulphate, magnesium sulphate, sodium chloride
SANBIO® EPSOMIT	Sanbos	DM OS MgO S	63 % 21 % 16 % 13 %	Magnesium sulphate

Tradename	Company	Nutrient content		Composition, Remarks
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 %	
SCHWEDOKAL 90 Granulat	BvG	S	11,4 %	Elemental sulfur, bentonite
		DM	100 %	
SCHWEFAL® flüssig	Intrachem	S	90 %	Elemental sulphur
		DM	46,1 %	
SCHWEFAL® Schwefel-Linsen	Intrachem	S	87 %	Elemental sulphur, bentonite <i>Granules for spreading</i>
		DM	87 %	
Schwefel gepresst	Biolchim	S	87 %	Sulphur, bentonite
Schwefellinsen	Biofa	S	88 %	Elemental sulphur, bentonite
		Fe	0,93 %	
Sulfogran	BvG	DM	100 %	Elemental sulphur, bentonite
		S	90 %	
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 %	
Sulfosoil	BvG	S	90 %	Elemental sulphur, bentonite
SulgranPlus®	Witt-Handels-vertretung	DM	95 %	Liquid sulphur, activated bentonite
		S	min. 90 %	
Veni Biosulfur	Koppert	S	50 %	Natural sulphur <i>Bacterial desulphurisation process</i>
Wigor S	AGREX	DM	99 %	Elemental sulphur
		S	90 %	
Wigor S + B; Düngemittelgranulat mit Schwefel, Bor und Bentonit	AGREX	DM	99 %	Elemental sulphur, borax pentahydrate
		S	77 %	
		B	2 %	

## 1-8 Foliar fertilizers and trace elements

Tradename	Company	Nutrient content		Composition, Remarks
AGROLINIJA-S	UAB Biodynamika	DM	5,6 %	Humic acids, compost from litter cattle manure
		OS	54 %	
		N	3,75 %	
		P2O5	1,95 %	
BED Kalkaktiv	BED	DM	85 %	Limestone meal, plant compost
		OS	0,5 %	
BED Vital	BED	DM	73,9 %	Stone meal, water
		K2O	1,62 %	
		CaO	30,3 %	
		MgO	0,54 %	
		Fe	0,58 %	
BetaB	Biolchim	DM	48 %	Sugar beet molasses, molasses contents, rich in betaine, extract from <i>Macrocystis integrifolia</i> <i>Amino acids of vegetal origin and molasses rich in betaines</i>
		OS	19 %	
		N	1,5 %	
		K2O	6,1 %	

Tradename	Company	Nutrient content		Composition, Remarks
BIO PROJECT ID 0.9	BioKimia	N Cu	1 % 3 %	Aminoacids of vegetable origin, brown algae cream, parts of yeast cell walls, copper sulphate 25 % <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>
BIO PROJECT MT 0.9	BioKimia	N Cu Fe Mn Zn	1 % 1 % 0,5 % 0,3 % 1,1 %	Amino acids of vegetable origin from fluid yeast extract, amino acids from metabolites from four different strains of <i>Bacillus subtilis</i> , 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>
Fulvital® Plus Liquid	Humintech	DM OS N Cu Fe Mn Zn	24,7 % 52,5 % 0,5 % 0,17 % 1,7 % 0,9 % 1,4 %	Sulphur, lignin sulphonlic acid, iron, zinc, manganese, copper
Fylloton	Biolchim	DM OS N	55,8 % 43,4 % 6 %	Plant amino acids, seaweed extract, water, beet molasses
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 Mn	3,3 % 4,9 %	Manganese nitrate, copper nitrate, algae extract <b>Only for single application on soils or in cultures with proven copper deficiency</b>
tribocare T3	Agrostim	DM Cu Mn Zn	99 % 4,1 % 25 % 12 %	Manganese(II) carbonate, zinc carbonate, copper(II) hydroxide carbonate <i>Includes activated carbonates of manganese, zinc and copper</i> <b>Only for single application on soils or in cultures with proven copper deficiency</b>

### 1-8-1 Foliar fertilizers

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 %	
ACTIVANE	LIDA	DM	2,3 %	
		N	2 %	Vegetable amino acids
AKRA Blatt	Karner	MgO	6 %	Sulphates - Fe, Cu, Zn, Mn, Mg
		S	12 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilisation</b>
		Cu	0,8 %	
		Fe	1,5 %	
		Mn	0,7 %	
Alginure®-Vital	Tilco	Zn	0,4 %	
		DM	16 %	Algae extract, vinasse, leonardite
		OS	13 %	<i>Algae extract, humic acid and vegetable amino acids</i>
		N	0,8 %	
Beiselen Top Mangan 150	Lebosol	K2O	1,4 %	
		S	6,37 %	Sulphur, manganese
		Mn	11 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
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	Phytosolution	MgO	5 %	Magnesium sulphate
		S	4 %	
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>
Düngal Calcium	Certis Europe Deutschland	CaO	17,5 %	Calcium chloride - solution <i>Prescribed purity according to the German Pharmacopoeia</i> <b>Against bitter pip in apples</b>

Tradename	Company	Nutrient content		Composition, Remarks
EPSO Combitop	K+S KALI	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 KALI	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 KALI	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>
Fertileader Opal	Timac DE	Mn	4,8 %	Manganese nitrate, zinc nitrate, molasses, algae extract
		Zn	3,5 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
Fulvital® Plus WSP	Humintech	OS	63 %	Zinc(II) sulphate monohydrate, copper(II)
		N	2,22 %	sulphate pentahydrate, manganese(II)
		K2O	0,87 %	sulphate monohydrate, iron(II) sulphate
		S	3,35 %	heptahydrate
		Cu	1,1 %	
		Fe	4,53 %	
		Mn	2,68 %	
		Zn	2,97 %	
Harzer Naturgips Anhydrit	Remmert	DM	99,3 %	Natural gypsum, crystal water
		CaO	39,2 %	<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	28 %	
Harzer Naturgips Dihydrat	Remmert	CaO	32,2 %	Natural gypsum-dihydrat, crystal water
		S	20 %	<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>
Herbagreen C/M	Sanovita	DM	99,4 %	<i>Organic foliar fertiliser for improving the plants calcium/magnesium supply via the leafs</i>
		CaO	41,3 %	
		MgO	12,75 %	
Herbagreen classic	Sanovita	DM	99 %	Calcite from natural deposits
		P2O5	0,1 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		K2O	0,1 %	
		CaO	38,3 %	
		MgO	2,1 %	
		Na	0,04 %	
		S	0,2 %	
		Fe	3,1 %	
		Mn	< 0,1 %	
		SiO2	14,3 %	

Tradename	Company	Nutrient content		Composition, Remarks
Herbagreen Z 20	Sanovita	DM	99 %	Calcite, zeolite
		P2O5	0,2 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		K2O	0,6 %	
		CaO	30,7 %	
		MgO	1,6 %	
		S	0,4 %	
		Fe	2,1 %	
		Mn	< 0,1 %	
		SiO2	27,8 %	
HORTISUL	K+S KALI	K2O	52 %	Potassium sulphate
		S	18 %	<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>
IPUSagro Quattro P 400	IPUS	DM	99,7 %	Ground calcium carbonate, ground limestone, clinoptilolite-zeolite
		OS	< 0,1 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		CaO	43,4 %	
		MgO	5,3 %	
IPUSagro Quattro P 500	IPUS	DM	> 97 %	Natural calcite, hyper phosphate, natural limestone, natural clinoptilolite
		OS	0,01 %	
		P2O5	1 %	
		CaO	39,9 %	
		MgO	7,4 %	
Jafgreen	JAF ITEC	DM	1,05 %	Limestone
		OS	5 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		N	0,5 %	
		P2O5	0,5 %	
		K2O	0,5 %	
		CaO	52 %	
		MgO	1 %	
		Na	0,2 %	
		SiO2	1 %	
LEBOSOL®- AqueBor SC (Mo)	Lebosol	B	9,5 %	Boron, disodium tetraborate, molybdenum
		Mo	0,75 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
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.</i> <i>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®- HeptaMangan	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.</i> <i>Do not exceed the recommended application rate</i>

Tradename	Company	Nutrient content		Composition, Remarks
LEBOSOL®- Kupfer 350 SC	Lebosol	Cu	24,2 %	Copper <b>Only for single application on soils or in cultures with proven copper deficiency</b>
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 Cu Mn Zn	19,4 % 5,1 % 8 % 6,4 %	Sulphur, manganese, copper, zinc <b>Only for single application on soils or in cultures with proven copper deficiency</b>
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	DM N P2O5 K2O CaO MgO	99 % 3,14 % 0,037 % 0,067 % 31,7 % 1,85 %	Calcium carbonate 80 with micronutrients, vegetable amino acids <i>Tribodynamic activated and micronized, highly energized</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
LITHOvit BORON 05 – TRIBODyn Foliar Fertilizer	Tribodyn	CaO MgCO3 B Fe Mn SiO2	33,8 % 4 % 5 % 0,23 % 0,02 % 5 %	Calcium carbonate 80 with micronutrients, boric acid <i>Tribodynamic activated and micronized, highly energized. Upon evidence of boron deficiency</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
LITHOvit FORTE – TRIBODyn Foliar Fertilizer	Tribodyn	DM CaO MgO SiO2	99,9 % 42,2 % 2,5 % 2,5 %	Calcium carbonate 80 with micronutrients <i>Double milled and thereby even better tribodynamic activated and micronized, highly energized</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
LITHOvit STANDARD – TRIBODyn Foliar Fertilizer	Tribodyn	CaCO3 CaO MgCO3 Fe Mn	75 % 42,2 % 5 % 0,25 % 0,02 %	Calcium carbonate 80 with micronutrients <i>Tribodynamic activated and micronized, highly energized</i> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>

Tradename	Company	Nutrient content		Composition, Remarks
Phytoamin®	Lebosol	DM	9 %	Sea algae extract with approx. 9 % dry matter
		OS	4,5 %	
		N	0,05 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		K2O	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 %	<i>Suspension of micronised dolomite rock</i>
		CaO	18,5 %	
		MgO	12,5 %	
		SiO <sub>2</sub>	0,18 %	
ProLiq® AminoCalcio	Belchim	DM	38,5 %	Water, protein hydrolysate, manganese chloride, zinc chloride
		Mn	0,5 %	
		Zn	0,5 %	<b>Against bitter pip in apples</b>
		CaCl	30 %	
ProLiq® Calcium LQ	Belchim	DM	36,6 %	Water, calcium chloride, potassium citrate
		CaCl	34,6 %	<b>Against bitter pip in apples</b>
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
		MgO	3,8 %	<i>Foliar fertilizer with micronized calcite in new liquid formulation</i>

### 1-8-2 Trace element fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
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
		Cu	0,5 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		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
		Cu	1,5 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		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
		Fe	0,4 %	<i>With Megatherium Phosphoricum bacteria</i>
		Mn	0,5 %	
		Mo	0,1 %	
		Zn	0,6 %	

Tradename	Company	Nutrient content		Composition, Remarks
ARBOM GERMA	Biodevas	DM	2,6 %	Plant extracts, manganese sulphate, zinc sulphate
		Mn	1 %	
		Zn	1 %	
BIOR PH 3,5	BIAGRO			Fulvic acids, trace elements
codacítricos	SAS	Fe	2 %	Trace elements
		Mn	1 %	
		Zn	1 %	
codaquel	SAS	Mn	3,5 %	Trace elements
		Zn	3,5 %	
Eisen(II)-Sulfat	AGREX	DM	54,6 %	Iron(II) sulphate
		Fe	19,5 %	<i>Trace element fertiliser for the prevention, respectively termination of iron deficiency</i>
ERNIA EVOLUTION	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	29,3 %	<b>CaO, MgO, Zn, Mn, Mo, Co, B</b> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		MgO	11,8 %	
		B	1 %	
		Co	0,003 %	
		Mn	3 %	
		Mo	0,005 %	
EXCELLO-Basis	Jost	Zn	3 %	
		CaO	31,2 %	<b>CaO, MgO, Cu, Zn, Mn, Fe, Mo, Co, B, Na</b> <b>For single use only on soil or crops with proven copper deficiency</b>
		MgO	10,2 %	
		Na	0,15 %	
		S	3 %	
		B	0,25 %	
		Co	0,001 %	
		Cu	2,5 %	
Fertileader Opal	Timac DE	Fe	0,25 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Mn	0,25 %	
		Zn	2,5 %	
FOLCROP COMBI	SAS	Mn	4,8 %	<b>Manganese nitrate, zinc nitrate, molasses, algae extract</b> <b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Zn	3,5 %	
		B	0,30 %	
		Cu	0,12 %	
		Fe	4 %	
		Mn	2 %	
FOLCROP Zn-Mn	SAS	Mo	0,08 %	<b>Mixture of trace elements</b>
		Zn	0,50 %	
Fulvital® Plus Liquid	Humintech	Mn	3,5 %	<b>Mixture of trace elements</b>
		Zn	3,5 %	
Fulvital® Plus Liquid	Humintech	DM	24,7 %	<b>Sulphur, lignin sulphonic acid, iron, zinc, manganese, copper</b>
		OS	52,5 %	
		N	0,5 %	
		Cu	0,17 %	
		Fe	1,7 %	
		Mn	0,9 %	
		Zn	1,4 %	

Tradename	Company	Nutrient content		Composition, Remarks
Fulvital® Plus WSP	Humintech	OS	63 %	Zinc(II) sulphate monohydrate, copper(II)
		N	2,22 %	sulphate pentahydrate, manganese(II)
		K2O	0,87 %	sulphate monohydrate, iron(II) sulphate
		S	3,35 %	heptahydrate
		Cu	1,1 %	
		Fe	4,53 %	
		Mn	2,68 %	
		Zn	2,97 %	
GREEN FORGE	Stoller	Mo	0,3 %	<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 %	<i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i>
		Fe	2 %	
		Mn	5 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
LARVASOIL LIQUIDE ORGANIC	Biodevas	DM	42,8 %	Manganese sulphate, zinc sulphate
		Mn	1 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Zn	1 %	
LARVASOIL MICROGRANULES ORGANIC	Biodevas	DM	64,6 %	Corn cobs, plant extracts, soya oil, zinc sulphate, manganese sulphate
		Mn	1 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		Zn	1 %	
MC BORON	Biodevas	DM	4 %	
		B	6 %	
Micromax® Premium	ICL Deutschland	MgO	12 %	Iron(II) sulphate monohydrate,
		S	16 %	magnesium carbonate, magnesium sulphate, manganese sulphate
		B	0,2 %	monohydrate, copper sulphate, zinc sulphate monohydrate, borax, sodium molybdate
		Cu	1 %	
		Fe	15 %	
		Mn	2,5 %	
		Mo	0,04 %	
		Zn	1 %	
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II)
		OS	60 %	-sulphate, Zn-sulphate, Cu-sulphate, water, sodium-molybdate
		N	2 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		S	7,3 %	
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	
NATURE	Stoller	Mn	0,5 %	<i>Fertilizer designed to be used by foliar applications on zinc and manganese deficiencies</i>
		Zn	1,5 %	
N-BALANCER	Stoller	B	9 %	Boric acid, water, sodic molybdate
		Mo	0,03 %	<i>Stimulates sugar transport to the main reserve organs so that the plant slows down its vegetative growth</i>
NBX CEREAL	Stoller	B	8 %	<i>Slows down vegetative growth. Stabilizes stalks, promotes root growth and ear weight. Used early, it promotes planting</i>

Tradename	Company	Nutrient content		Composition, Remarks
OMNIBOSCA	Biodevas	DM	2,1 %	Manganese sulphate, zinc sulphate
		Mn	1,3 %	
		Zn	1,3 %	
OMNIFOLIA	Biodevas	DM	2,1 %	Manganese sulphate, zinc sulphate
		Mn	1,3 %	
		Zn	1,3 %	
OMNIGAMBA	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 %	
PhytoGreen®-HopfenMix	Phytosolution	S	19 %	Manganese, boron (borethanolamine), sulphur, zinc
		B	2,5 %	
		Mn	3,2 %	<i>Highly concentrated nutrient mixture for leaf and soil fertilization of hop plants.</i>
		Zn	11,3 %	<i>Optimum composition for all growth stages</i>
PhytoGreen®-Nährstoff Beize	Phytosolution	N	1-3,5 %	Vinasse, manganese, molybdenum, zinc, calcium magnesium carbonate
		P2O5	0,1 %	
		K2O	1-3 %	<i>Available in different compositions for seed treatment of cereals, oilseed rape, maize, potatoes, grasses, legumes and pumpkin</i>
		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 %	
Profi Terra N+	GAIAGO	Mn	2 %	Manganese(II) sulphate, sodium molybdate, Azotobacter bacteria
		Mo	0,02 %	
Profi Terra P+	GAIAGO	Mn	2 %	Manganese(II) sulphate, sodium molybdate
		Mo	0,02 %	
Quentisan® BoS	Intrachem	S	14 %	Boron, elemental sulphur
		B	8 %	
Quentisan® CuS	Intrachem	S	34 %	Elemental sulphur, copper, zinc
		Cu	10 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		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 %	

Tradename	Company	Nutrient content		Composition, Remarks
Saproplant	Saproplant	OS	21 %	Sapropel (digested sludge)
		N	1,1 %	<i>Fertiliser and micro-nutrient, soil improving agent</i>
		P2O5	0,16 %	
		K2O	0,06 %	
		Mg	0,12 %	
		S	0,32 %	
		Fe	1,73 %	
SOLUM COMBI	SAS	Mn	0,02 %	
		B	0,2 %	mixed trace elements
		Cu	0,1 %	
		Fe	2 %	
		Mn	1 %	
		Mo	0,02 %	
Spower Bio3plus	Spower	Zn	1 %	
		DM	100 %	Elemental sulphur
		CaO	27 %	Graining 3-5 mm, spreading width up to
		MgO	5 %	36 m, 600 kg single-loop bigbag. Steady
STIMIX	Biodevas	S	8 %	sulphur supply, rock phosphate quickly
		DM	2,4 %	available, with boron, zinc, manganese,
		B	3 %	calcium
TOP FARM MnZn	Timac DE	Mn	4,8 %	Plant extracts, sodium borate
		Zn	3,5 %	Manganese nitrate, zinc nitrate, molasses, seaweed extract
<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>				
VITALoSol® GOLD SC	Lebosol	S	36,0 %	Sulphur, manganese, copper
		Cu	2,4 %	
		Mn	9,6 %	

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

Tradename	Company	Nutrient content		Composition, Remarks
Borsäure	AGREX	DM	86 %	Boron oxide
		B	17,5 %	<i>Trace element fertiliser for the prevention, respectively termination of boron deficiency; synonym orthoboric acid</i>
codamix	SAS	B	0,30 %	
		Cu	0,12 %	
		Fe	04 %	
		Mn	2 %	
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)
		N	2,22 %	sulphate pentahydrate, manganese(II)
		K2O	0,87 %	sulphate monohydrate, iron(II) sulphate
		S	3,35 %	heptahydrate
		Cu	1,1 %	
		Fe	4,53 %	
		Mn	2,68 %	
		Zn	2,97 %	

Tradename	Company	Nutrient content		Composition, Remarks
Kupfersulfat	AGREX	DM	61,5 %	Copper sulphate
		Cu	23-25,4 %	<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>
Mangansulfat	AGREX	DM	89 %	Manganese
		S	18,97 %	<i>Trace element fertiliser for the prevention, respectively termination of manganese deficiency</i>
		Mn	mind. 31 %	
Micromax® Premium	ICL Deutschland	MgO	12 %	Iron(II) sulphate monohydrate, magnesium carbonate, magnesium sulphate, manganese sulphate
		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, iron chelate
		B	0,6 %	
		Cu	1,5 %	
		Fe	2 %	<i>Micronutrient depot fertiliser. Special mixtures with different nutrient contents possible</i>
		Mn	1 %	
		Mo	0,8 %	
		Zn	0,5 %	<b>Only for surface fertilization of soils and substrates</b>
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
Borsäure	AGREX	DM	86 %	Boron oxide
		B	17,5 %	<i>Trace element fertiliser for the prevention, respectively termination of boron deficiency; synonym orthoboric acid</i>
BvG-Bor 17,4 G	BvG	DM	100 %	Boric acid
		B	17,4 %	
CaB	Stoller	CaO	12 %	<i>Supply of calcium and boron to ensure correct physiological development of flowering, fruit growth and fruit. Strengthens cell membranes</i>
		B	1 %	
DüKa-Bor 150 flüssig	DüKa	B	11 %	Boron ethanalamine
				<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>
HUMECFOL	LIDA	B	2 %	Boric acid
Innofert Bor flüssig	ADOB	B	11 %	Boric acid

Tradename	Company	Nutrient content		Composition, Remarks
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>
Microfert-Bor	AGREX	DM B	86 % 17,5 %	Boron oxide <i>Trace element fertiliser for the prevention, respectively termination of boron deficiency; synonym orthoboric acid</i>
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>
Quentisan® Bor 15 fl	Intrachem	B	11 %	Boron
Sedumin Bor-Vital B5	Wobecon	DM OS N P2O5 K2O B	95 % 45 % 2 % 1 % 1 % 5 %	<i>Slow release boron ground fertiliser, organic-mineral. Vegetable raw materials, earthworm humus, algae extract, calcium borate and zeolite</i>
TOP FARM B	Timac DE	B	6,5 %	Molasses, seaweed extract, boron ethanolamine
Wigor S + B; Düngemittelgranulat mit Schwefel, Bor und Bentonit	AGREX	DM S B	99 % 77 % 2 %	Elemental sulphur, borax pentahydrate
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 K2O CaO	36 % < 0,5 % 18 %	Water, calcium chloride <b>Against bitter pip in apples</b>
ADUR	Timac Agro	DM CaO	58 % 15 %	Calcium chloride <b>Against bitter pip in apples</b>
CARBO-ECO Ca	Phytosolution	CaO	10 %	CaO
CITOCALCIUM	Stoller	CaO	12 %	<i>Promotes cell division in all young cells. Increases flower quality, helps to maintain pollen fertility during high temperatures</i>

Tradename	Company	Nutrient content		Composition, Remarks
Düngal Calcium	Certis Europe Deutschland	CaO	17,5 %	Calcium chloride - solution <i>Prescribed purity according to the German Pharmacopoeia</i> <b>Against bitter pip in apples</b>
FLORACAL	PLYMAG	CaO	35 %	Calcium carbonate
Harzer Naturgips Anhydrit	Remmert	DM	99,3 %	Natural gypsum, crystal water
		CaO	39,2 %	Calcium- and sulphur fertiliser,
		S	28 %	pH-neutral, Ca++ for crumb formation, finely ground as foliar fertilizer with Ca++ and S directly for cell development
Harzer Naturgips Dihydrat	Remmert	CaO	32,2 %	Natural gypsum-dihydrat, crystal water
		S	20 %	Calcium- and sulphur fertiliser, pH-neutral, Ca++ for crumb formation, finely ground as foliar fertilizer with Ca++ and S directly for cell development
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>
ORGANIHUM CALPLUS 35	Laboratorios Econatur	CaO	35 %	Calcium carbonate <i>Liquid fertilizer especially indicated for the supply of calcium to the soil and the plant</i>
Phytosol	Phytosolution	CaO	27 %	Suspension of micronised CaCO3
		Fe	0,007 %	(calcium carbonate)
		SiO2	0,2 %	
Phytosol-Duo	Phytosolution	DM	59 %	<i>Suspension of micronised dolomite rock</i>
		CaO	18,5 %	
		MgO	12,5 %	
		SiO2	0,18 %	
Terios	JAF ITEC	DM	1,1 %	Sedimentary rock, organic vegetable substance
		OS	5 %	
		N	3 %	
		P2O5	10 %	
		K2O	5 %	
		CaO	35 %	
		MgO	3 %	
		Na	1 %	
		S	5 %	
		Fe	2 %	
		SiO2	0,5 %	
Ulmer Weiß	Wenz GmbH	CaO	55,55 %	Calcium carbonate
		MgO	0,336 %	

#### 1-8-5 Iron fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
AMN Optifer®	Mack	Fe	6 %	Water, fir trees bark extract <i>Optimal iron supply</i>
CARBO-ECO Fe	Phytosolution	Fe	5 %	Iron sulphate
Diaglutin® Fe flüssig	Biofa	N	1 %	Iron sulphate, vegetable protein hydrolysate, citric acid
		Fe	5 %	

Tradename	Company	Nutrient content		Composition, Remarks
Eisen(II)-Sulfat	AGREX	DM	54,6 %	Iron(II) sulphate
Fruitspeed Fe	ökohum GmbH	Fe	19,5 %	<i>Trace element fertiliser for the prevention, respectively termination of iron deficiency</i>
		OS	29 %	Iron sulphate, olive marc, ground clay,
		N	1,6 %	post-extraction rapeseed meal, Plantalg
		P2O5	0,8 %	Fe, phyto meal, cocoa husks
		K2O	1,3 %	
		CaO	0,3 %	
		MgO	0,3 %	
		S	11,2 %	
HF-Natrel Comp	Wenz GmbH	Fe	7,27 %	
		Cu	2 %	<i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i>
		Fe	2 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Mn	5 %	
Microfert-Eisen	AGREX	DM	54,6 %	Iron sulphate
		MgO	1,16 %	<i>trace element fertiliser for the prevention, respectively termination of iron deficiency</i>
		S	12,1 %	
		Fe	19,5 %	
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II)
		OS	60 %	-sulphate, Zn-sulphate, Cu-sulphate,
		N	2 %	water, sodium-molybdate
		S	7,3 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	

#### 1-8-6 Magnesium fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
Diaglutin® Mg flüssig	Biofa	N	1 %	Magnesium sulphate, vegetable protein
		Mg	5 %	hydrolysate
Spower Bio5	Spower	MgO	12 %	Elemental sulphur
		S	8 %	<i>Graining 3-5mm, spreading width up to 36m, 600kg single-loop bigbag, Steady sulphur supply, for Magnesium deficiency and better water quality</i>

#### 1-8-7 Manganese fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
AM-ECO	Agrometodos	Mn	3 %	Manganese sulphate monohydrate
CARBO-ECO Mn	Phytosolution	Mn	5 %	Manganese sulphate
HF-Natrel Comp	Wenz GmbH	Cu	2 %	<i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i>
		Fe	2 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Mn	5 %	
Mangansulfat	AGREX	DM	89 %	Manganese
		S	18,97 %	<i>Trace element fertiliser for the prevention, respectively termination of manganese deficiency</i>
		Mn	mind. 31 %	
MAN-TOP	agroplanta			Water-soluble manganese

Tradename	Company	Nutrient content		Composition, Remarks
Microfert-Mangan	AGREX	DM	89 %	Manganese sulphate
		Mn	32,23 %	<i>Trace element fertiliser for the prevention, respectively termination of manganese deficiency</i>
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II)
		OS	60 %	-sulphate, Zn-sulphate, Cu-sulphate, water, sodium-molybdate
		N	2 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		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 fertilization</b>
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>

#### 1-8-8 Molybdenum fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
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 %	<i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i>
		Fe	2 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Mn	5 %	
Microfert-Natrium-Molybdat	AGREX	DM	50,85 %	Sodium molybdate
		Mo	39,58 %	<i>Trace element fertiliser for the prevention, respectively termination of molybdenum deficiency</i>
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II)
		OS	60 %	-sulphate, Zn-sulphate, Cu-sulphate, water, sodium-molybdate
		N	2 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		S	7,3 %	
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	
Natrium Molybdat	AGREX	DM	50,85 %	Molybdenum
		Mo	39,58 %	<i>Trace element fertiliser for the prevention, respectively termination of molybdenum deficiency</i>
PhytoGreen®-Molybdän	Phytosolution	Mo	15,6 %	Molybdenum

### 1-8-9 Zinc fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
CARBO-ECO Zn	Phytosolution	Zn	5 %	Zinc sulphate
coda-Zn-L	SAS	Zn	8 %	Zinc sulphate
FOLCROP Zn	SAS	Zn	8 %	Lignin sulfonate, zinc
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>
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>

### 1-8-10 Copper fertilizers

Tradename	Company	Nutrient content		Composition, Remarks
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 %	<i>Micronutrient mixed fertilizer with copper, iron, molybdenum and zinc based on lignin sulphonate</i>
		Fe	2 %	
		Mn	5 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
Kupfer-Questuran flüssig	Certis Europe Deutschland	Cu	21,7 %	Copper hydroxide <b>Only for single application on soil or in cultures with proven copper deficiency</b>
Kupfersulfat	AGREX	DM	61,5 %	Copper sulphate
		Cu	23-25,4 %	<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>
Leaf Forte	Croptivate	DM	23 %	Copper sulphate
		OS	20 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	2 %	
MC COP	Biodevas	DM	2,5 %	Copper pidolate, plant extracts
		Cu	1,5 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>

Tradename	Company	Nutrient content		Composition, Remarks
Microfert-Kupfer	AGREX	DM	61,5 %	Copper sulphate
		Cu	23-25,4 %	<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>
NATREL Com-Crop	AGREX	DM	min. 93 %	Lignosulphonate, Mn-sulphate, Fe(II)
		OS	60 %	-sulphate, Zn-sulphate, Cu-sulphate,
		N	2 %	water, sodium-molybdate
		S	7,3 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
		Cu	2 %	
		Fe	2 %	
		Mn	5 %	
		Mo	0,03 %	
		Zn	3 %	
PHYTALEX BLUE	AGRIDAUS	Cu	2 %	Copper sulphate
		Mo	0,01 %	<b>Only for single application on soils or in cultures with proven copper deficiency</b>
PhytoGreen®-Cu256	Phytosolution	Cu	19,25 %	Copper oxychloride
				<b>Only for single application on soils or in cultures with proven copper deficiency</b>
Sergomil L60	Belchim	DM	45 %	Copper sulphate, sodium gluconate,
		OS	15 %	algae extracts
		Cu	5,5 %	<b>Only for single application on soil or in cultures with proven copper deficiency</b>
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>
Vitora Hydrocup 460 P	Genetti	Cu	46 %	Copper hydroxide
				<b>Only for single application on soils or in cultures with proven copper deficiency</b>
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

Tradename	Company	Nutrient content		Composition, Remarks
BED Bodenpille	BED	DM	95 %	Stone meal, water
		K2O	1,24 %	
		CaO	2,29 %	
		MgO	0,48 %	
		Fe	0,72 %	

### 1-9-1 Stone meal

Tradename	Company	Nutrient content		Composition, Remarks
Actimin-BT	Solid'or	P2O5 K2O CaO MgO Na Fe Mn Zn SiO2	0,69 % 1,93 % 7,5 % 3,73 % 3,03 % 7,56 % 0,13 % 0,01 % 33,69 %	Basalt <i>Basalt is finely ground</i>
agro-min B	Witteler GmbH & Co. KG	DM P2O5 K2O CaO MgO Na Fe SiO2	98,9 % 0,59 % 1,6 % 9,6 % 5,9 % 4,6 % 7,8 % 47 %	Stone meal basalt
agro-min D	Witteler GmbH & Co. KG	DM CaO MgO Fe SiO2	99,1 % 8 % 13 % 9,9 % 35 %	Stone meal diabas
agro-min G	Witteler GmbH & Co. KG	DM K2O CaO MgO Na Fe SiO2	100 % 2,4 % 7,5 % 3 % 4 % 5,8 % 50 %	Stone meal gabbro
Alginit aus Gérce	TNR	DM OS CaO MgO S Fe SiO2	60-98 % ca. 19,4 % 20,5 % 7,4 % 0,4 % 3 % 42 %	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>
BAT - Mineral P2	Hanse	DM SiO2	100 % 99,4 %	Quartz powder
Biodokal (granuliert)	DüKa	K2O CaO MgO SiO2	2,0 % 26 % 6 % 24 %	Ornatenton/dolomite
Biofermin Nathrolith-Phonolith®	Schön	DM K2O CaO MgO Na2O SiO2 Fe2O3	99 % 5,1 % 8,3 % 1 % 5,9 % 48,2 % 4,1 %	Natrolite-phonolite primary rock meal <i>Can also be used as a feed additive, GMP- and QS quality mark</i>
Biolit Diabas-Urgesteinsmehl	Hartsteinwerk Kitzbühel	SiO2	56,23 %	Diabas rock flour <i>Rock flour with high silicon content from diabase</i>

Tradename	Company	Nutrient content		Composition, Remarks
Biolit	Hartsteinwerk	SiO2	56,23 %	Diabas rock flour
Diabas-Urgesteinsmehl sandig	Kitzbühel			<i>Silicon containing rock flour from diabase - sandy</i>
Biolit	Hartsteinwerk	SiO2	56,23 %	Diabas rock flour
Diabas-Urgesteinsmehl ultrafein	Kitzbühel			<i>Silicon containing rock flour from diabase. Ultrafine - suitable for plant sprayers</i>
BioSi® Gesteinsmehl	Schweizer	P2O5	0,1 %	Diabase meal
		K2O	0,6 %	
		CaO	11,75 %	<i>Soil aid in agriculture (incl. fruit- and vegetable cultivation, viticulture) and in animal husbandry</i>
		MgO	10,5 %	
		Na	1,6 %	
		Fe	11,9 %	
		Mn	0,2 %	
Diabas Urgesteinsmehl	Schicker	P2O5	0,4 %	Diabase hard stone
		K2O	0,75 %	<i>Soil: soil activation, humus formation, with minerals and trace elements. Slurry: surface enlargement, ammonia binding, oxygen and rotting</i>
		CaO	15 %	
		MgO	3 %	
		Mg	1,8 %	
		S	0,3 %	
		Co	0,006 %	
Eifelgold Lava Gesteinsmehl	Provinzial Basalt- und Lavawerke	DM	> 99 %	100 % mineral lava stone meal
		OS	< 1 %	<i>Analysis of solid matter:</i>
		N	0,03 %	<i>SiO2 40-50 %</i>
		P2O5	0,455 %	<i>Al2O3 11-15 %</i>
		K2O	0,05 %	<i>K2O 3-4 %</i>
		CaO	1,51 %	<i>CaO 10-15 %</i>
		MgO	3,07 %	<i>MgO 6-8 %</i>
		S	0,011 %	<i>Fe2O3 10-12 %</i>
		Cu	35,4 mg/kg	
Eifelgold Urgesteinsmehl	Biofa	DM	100 %	Lava meal
		P2O5	0,6 %	<i>Specific surface 42 qm/g</i>
		K2O	4 %	
		CaO	12,5 %	
		MgO	5 %	
		Fe	7,7 %	
		SiO2	42,5 %	
Hersbrucker Gesteinsmehl	DüKa	K2O	2 %	Ornatenton/Dolomite
		CaO	26 %	
		MgO	6 %	
		SiO2	24 %	
IPUSagro B 100	IPUS	DM	96 %	Clinoptilolite
		OS	< 0,01 %	<i>Soil additive for strong plant growth, Migulator (mineral bioregulator) with grain size &lt; 0,3 mm</i>
		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
		OS	0,01 %	<i>Soil additive for strong plant growth,</i>
		K2O	2,5 %	<i>Migulator (mineral bioregulator) with grain size 0,3-1 mm</i>
		CaO	2,4 %	
		MgO	1,3 %	
		Na	1,1 %	
		Fe	0,9 %	
		SiO2	70 %	
IPUSagro B 120	IPUS	DM	96 %	Clinoptilolite
		OS	< 0,01 %	<i>Soil additive for strong plant growth,</i>
		K2O	2,5 %	<i>Migulator (mineral bioregulator) with grain size 1-2,5 mm</i>
		CaO	2,4 %	
		MgO	1,3 %	
		Na	1,1 %	
		Fe	0,9 %	
KlinoSpray	unipoint	DM	95 %	Clinoptilolite, aluminas, feldspar, mica
		K2O	2,1 %	
		CaO	3,4 %	
		Fe	1,5 %	
		SiO2	71 %	
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
		P2O5	0,4 %	<i>Primary rock meal, micro-finely ground</i>
		K2O	0,2 %	
		CaO	8 %	
		MgO	3,5 %	
		Na	3 %	
		Fe	5 %	
		SiO2	40 %	
penergetic b Boden	Penergetic	K2O	1,9 %	<i>Natural calcium bentonite ground ultra fine; montmorillonite content &gt; 90 %</i>
		CaO	2,5 %	
		MgO	5,3 %	
		SiO2	65 %	
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	Penergetic	K2O	1,9 %	Natural stone meal, natural calcium bentonite ground ultra fine;
		CaO	2,5 %	
		MgO	5,3 %	montmorillonite content > 90 %
		SiO2	65 %	
Penergetic-p Pflanzen	Penergetic	K2O	1,9 %	Natural stone meal, natural calcium bentonite, ground ultra fine;
		CaO	2,5 %	
		MgO	5,3 %	montmorillonite content > 90 %
		SiO2	65 %	

Tradename	Company	Nutrient content		Composition, Remarks
Provinea	Uberto	DM	99 %	Silicate stone meal
		P2O5	0,1-0,5 %	<i>Improved availability of nutrients, healthy plant growth, higher resistance to fungal attack, stronger tarnishing of intercropping</i>
		K2O	0,5-1 %	
		CaO	2-8 %	
		MgO	1-7 %	
		SiO2	50-60 %	
Provinea Vital	Uberto	DM	99 %	Silicate minerals
		CaO	10 %	<i>Silicate rock meal, higher resistance against fungi infestation, better start of temporary green cover</i>
		MgO	8,5 %	
		Fe	12 %	
TerraStrat	unipoint	DM	95 %	Clinoptilolite, alumina, feldspar, Mica
		P2O5	0,05 %	
		K2O	2,83 %	
		CaO	3,42 %	
		MgO	0,96 %	
		Fe	1,48 %	
		SiO2	70,06 %	
Transformer intense	AQUARIUS	P2O5	0,49 %	Stone meal
		K2O	0,92 %	<i>Activates the soil life towards a balancing and harmonizing direction</i>
		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
		K2O	5,1 %	<i>Finely ground stone meal with a high silicon content for the sustainable protection of soil fertility</i>
		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 %	

### 1-9-2 Soil additives

Tradename	Company	Nutrient content		Composition, Remarks
ABISAN	ABiTEP	DM	3,4 %	Bacillus spez.
		OS	93,1 %	
		N	0,29 %	
AGROMYC VITAL	AgroMyc-Merck	DM	> 80 %	
		OS	0,5 %	
AGROSTEMIN	Albert	DM	96 %	Agrostemma githago, Sisymbrium
		OS	4 %	sophia, Triticum vulgare, Glycine hispida, Medicago sativa
				<i>Contains natural nitrogen, organic acids and purine derivatives</i>

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
		OS	4 %	phosphate, zeolite, Azotobacter
		CaO	13 %	
		MgO	9 %	
		Fe	4 %	
AMN BonaVita®	Mack			Cereal extracts, nat. acids <i>All crops, root vitalization, balancing deficiency</i>
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
		OS	3 %	<i>Optimizes the N supply and the availability of nutrients, suppresses phytopathogenic microflora and improves soil structure</i>
Bactofert	Geofert	N	0,1 %	Leonardite, zeolite, microorganisms
		P2O5	0,11 %	(Lithobionten, Actinomyceten,
		K2O	0,64 %	Azotobacter)
		CaO	5,65 %	
		MgO	1,32 %	
BACTOFORCE®	UAB Bioenergy	DM	31,6 %	Microorganisms, fertile soil
		OS	68,4 %	<i>Bacillus subtilis</i> bacteria
BACTOLIVE SEED	RHIZO-MIC	DM	> 95 %	Seaweed extract, beneficial soil fungus,
		OS	27 %	beneficial soil bacteria ( <i>Bacillus</i> spp.)
BACTOLIVE TUBER	RHIZO-MIC	DM	> 95 %	Seaweed extract, beneficial soil bacteria
		OS	27 %	( <i>Bacillus</i> spp.), beneficial soil fungus ( <i>Trichoderma harzianum</i> )
BaktoN	agrowert			Beijerinckia fluminensis + NS
BaktoPK	agrowert			<i>Paenibacillus mucilaginosus</i> + NS
BAM BioAktive Mikroorganismen	Carbuna			Molasses, water
BAT - Mineral P2	Hanse	DM	100 %	Quartz powder
		SiO2	99,4 %	
BB Boden	Multikraft			Water, solution of microorganisms, sugar cane molasses
BB Saat	Multikraft			Water, microorganism solution, sugar cane molasses
BIO-AKTIV (Mykorrhiza)	Mykonor			Mycorrhiza fungi

Tradename	Company	Nutrient content		Composition, Remarks
BIODOZ® Soja	DE SANGOSSE			Microorganism preparation from <i>Bradyrhizobium japonicum</i> strain G49 <i>For the treatment of soybean seeds.</i> <i>Contains naturally occurring root bacteria, which ensure the nitrogen supply of the plant</i>
BioHumix	Fiterra	DM	1,31 %	Cattle manure, vermicompost
		N	0,03 %	
		K2O	0,2 %	
Biolit Diabas-Urgesteinsmehl	Hartsteinwerk Kitzbühel	SiO2	56,23 %	Diabas rock flour <i>Rock flour with high silicon content from diabase</i>
Biolit Diabas-Urgesteinsmehl sandig	Hartsteinwerk Kitzbühel	SiO2	56,23 %	Diabas rock flour <i>Silicon containing rock flour from diabase - sandy</i>
Biolit Diabas-Urgesteinsmehl ultrafein	Hartsteinwerk Kitzbühel	SiO2	56,23 %	Diabas rock flour <i>Silicon containing rock flour from diabase. Ultrafine - suitable for plant sprayers</i>
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 and plant growth promoting bacteria in granula</i>
BioMyPro-Agra-WS	BioMyPro	DM	95 %	Sillitin (silica of natural origin), arbuscular mycorrhizal fungi <i>Beneficial plant growth promoting mycorrhizal fungi in water soluble powder</i>
BioMyPro-Bac-GR	BioMyPro	DM	95 %	Clinoptilolite of natural origin, plant growth promoting bacteria
		OS	1 %	<i>Beneficial plant growth promoting bacteria in granula</i>
BioMyPro-Bac-WS	BioMyPro	DM	95 %	Sillitin (silica of natural origin), bacteria <i>Beneficial plant growth promoting bacteria in water soluble powder</i>
BioMyPro-Terra	BioMyPro	DM	95 %	Clinoptilolite of natural origin, arbuscular mycorrhizal fungi, plant growth promoting bacteria, saprotrophic fungi
		OS	1 %	<i>Beneficial mycorrhizal fungi and plant growth promoting bacteria for green manure crops in granula</i>
BIO-NPK	Mykonor			Preparation of microorganisms <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>
BioSi® Gesteinsmehl	Schweizer	P2O5	0,1 %	Diabase meal
		K2O	0,6 %	<i>Soil aid in agriculture (incl. fruit- and vegetable cultivation, viticulture) and in animal husbandry</i>
		CaO	11,75 %	
		MgO	10,5 %	
		Na	1,6 %	
		Fe	11,9 %	
		Mn	0,2 %	

Tradename	Company	Nutrient content		Composition, Remarks
BioSi® Humin	Schweizer	DM	65 %	Leonardite
		OS	50 %	<i>Increases and promotes buffer capacity, water-retention capacity, nutrient reservoir and content of stable humus, activator for roots</i>
BioTaurus® Balkonoase	Fritzmeier			Solution of microorganisms <i>Aqueous solution with selected pure cultures of microorganisms: <i>Bacillus subtilis</i></i>
BioTaurus® Ernteglück	Fritzmeier			Solution of microorganisms <i>Aqueous solution with selected microorganisms of the rhizosphere: <i>Bacillus subtilis</i>. Particularly suitable for nightshades (solanaceous plants) such as tomatoes and peppers</i>
BioTaurus® Keim Plus	Fritzmeier			<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, <i>Bacillus subtilis</i></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 (<i>Bacillus subtilis</i>) 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: <i>Bacillus subtilis</i>. Micronutrients specifically for roses</i>
BioTaurus® Zitruszauber	Fritzmeier			Solution of microorganisms <i>Aqueous solution with selected microorganisms of the rhizosphere: <i>Bacillus subtilis</i>, aluminosilicate</i>
Bodenaktivator	Pflanzen- und Bodenpflege			Sugar beet - feed molasses
Bodenverjünger	Christoph Fischer	DM	2,88 %	<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 %	

Tradename	Company	Nutrient content		Composition, Remarks
Diabas Urgesteinsmehl	Schicker	P2O5 K2O CaO MgO Mg S Co	0,4 % 0,75 % 15 % 3 % 1,8 % 0,3 % 0,006 %	Diabase hard stone <i>Soil: soil activation, humus formation, with minerals and trace elements. Slurry: surface enlargement, ammonia binding, oxygen and rotting</i>
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), yarrow (D8), horsetail (D8) <i>General fungal tolerance: tight tissue. Regulates protein and starch synthesis</i>
DIE LÖSUNG Winter	AGROTO			Rainwater, tourmaline <i>Health and regeneration: stimulates growth after hibernation, promotes the health of the next plant generation</i>
ECOMYC VITAL	AgroMyc-Merck	DM OS	> 80 % 0,5 %	Distilled expanded crushed porous clay (leca), arbuscular Mycorrhizas
ECOSUS® SFC-Mineral	Ecosus	DM OS CaO MgO S	65 % 28,8 % 8,7 % 1,2 % 3 %	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>
EM Keramikpulver	Multikraft	SiO2	67,5 %	Baked clay
EM-1®	EMIKO			Water, sugar cane molasses, cultures of microorganisms
EM-Aktiv	Christoph Fischer	DM OS	1,64 % 1,25 %	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>
EMIKO® Bodenaktivator	EMIKO			Water, sugar cane molasses, cultures of microorganisms
En-Crops® PowerSoil	En-Crops	DM OS	56 % 42 %	Equine manure, plant extracts, stone meal, vegetable substances from the wood industry
En-Crops® TopSoil	En-Crops	DM OS	75 % 57 %	Woodchips, stone meal, plant extracts
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 OS	2,7 % 55,8 %	Water, fertile soil, microorganisms <i>Bacillus megaterium var. phosphaticum dissolves phosphate</i>
Fulvagra 25	Humintech	DM OS	19,2 % 10,2 %	Drinking- and groundwater extract <i>Biostimulant based on fulvic acid</i>

Tradename	Company	Nutrient content		Composition, Remarks
Fulvic 25	Plant Health Cure	DM OS	19,2 % 10,2 %	<i>Fulvic acid and humic acid naturally extracted from soil water</i>
Gärtner's Urgesteinsmehl 10 kg	gpi green partners international	N K2O MgO	0,1 % 0,3 % 5,3 %	Stone meal
geO2	Olmix - PRP	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 OS P2O5 K2O CaO MgO Na	97,98 % 4,9 % 0,22 % 0,31 % 5,64 % 5,36 % 0,32 %	<i>Soil additive and aggregate during manufacture of compost</i>
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 OS	98 % 74 %	Humic acids, potassium, leonardite
Humusin	NaturGleich	DM OS	76 % 62 %	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>
Humuswasser	Aquatec Leipzig			Water, microorganisms <i>Converts the anaerobic digestion process of slurry into an aerobic rotting process</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>
Lignotiva Plus	Bactiva			Trichoderma, Penicillium, kaolin, Bacillus spp.
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
MikroVeda Farming PLUS STAMMLÖSUNG	MikroVeda			Solution of microorganisms

Tradename	Company	Nutrient content		Composition, Remarks
MikroVeda Farming STAMMLÖSUNG	MikroVeda			Solution of microorganisms
MikroVeda Farming SUPERAKTIVIERT	MikroVeda			Solution of microorganisms
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
MYC® 4000 - Endomykorrhiza Inokulum	Biofa	DM	91 %	Glomus intraradices
MycoZoom Mycorrhiza	aurea-systems	DM OS	99 % 1 %	Alumina, Mycorrhiza <i>Mycorrhiza forms a symbioses with the roots of the plant</i>
MycoZoom 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>
ökohum Nährhumus	ökohum GmbH	DM OS N P2O5 K2O	40 % 25 % 1,2 % 0,4 % 0,6 %	Bark compost, coconut, wood fiber, Rama Biodünger (organic fertiliser)
ökohum Rindenkompost	ökohum GmbH	DM OS N P2O5 K2O	40 % 26 % 0,56 % 0,18 % 0,38 %	Composted green waste, composted bark
PERLHUMUS®	Humintech	DM OS	70 % 49 %	Leonardite <i>Natural humic substances based on highly oxidized ortho-lignite (leonardite)</i>
Perligran Organic	Knauf Aquapanel	DM OS	86 % 2,7 %	Perlite, humic acid <i>Soil additive and substrate component specially for herb- and vegetable cultivation</i>
Phosphatovit	ACON	DM OS	3 % 3 %	Bacillus mucilaginosus <i>Improves the availability of nutrients, especially P/K, suppresses phytopathogenic microflora, improves the soil and accumulates humus</i>

Tradename	Company	Nutrient content		Composition, Remarks
Plan B.eet Bio Bodenverlebendiger	Carbuna	K2O	0,34 %	Water, molasses, microorganisms
Quaterma® Terra UAB	Sobac	DM	87 %	Cocoa husks, rape cake, calcium carbonate, plant compost, molasses, oil, water
	Deutschland	OS	51 %	
rhizo power®	nadicom	DM	6 %	Pseudomonas species, Bacillus species, rhizobia
		OS	6 %	<i>Rhizobia for nitrogen supply of fodder plants (legumes), plant associated bacteria to promote growth</i>
rhizo power® Erdbeere	nadicom	DM	6 %	Microorganisms
		N	0,2 %	<i>Root-associated soil bacteria to promote plant growth (liquid)</i>
rhizo power® Gemüse	nadicom	DM	6 %	Microorganisms
		OS	6 %	<i>Root-associated soil bacteria to promote plant growth (liquid)</i>
rhizo power® Volle Blüte	nadicom	DM	6 %	Microorganisms
		N	0,2 %	<i>Root-associated soil bacteria to promote plant growth (liquid)</i>
RhizoFert	ABiTEP	DM	3,45 %	Bacillus atrophaeus ABi05
		OS	93,1 %	
		Mn	0,001 %	
		Zn	0,0006 %	
RhizoFix®	Feldsaaten	OS	100 %	Rhizobia-solution <i>Liquid Rhizobium inoculant for direct inoculation of legume seeds</i>
RHIZO-MIC AGRO PLUS	RHIZO-MIC	DM	> 95 %	Seaweed extracts, stone meal, beneficial bacteria (Bacillus spp.), beneficial soil fungus (Trichoderma harzianum)
		OS	60 %	
RHIZO-VAM BASIC	RHIZO-MIC	DM	> 80 %	Distilled expanded crushed clay (leca), Arbuscular mycorrhizal fungi
Rizoliq Top S	DE SANGOSSE			<i>Liquid microorganism preparation from Bradyrhizobium japonicum strains Semia 5079 and 5080 for the treatment of soybean seeds</i>
RUINEX®	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>
Sapropeet	Sapropeet	DM	3,11 %	Sapropeet
SOJALL VITANAL	SOJALL			Lactic acid fermentation product from plant extracts, mix of molasses
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>

Tradename	Company	Nutrient content		Composition, Remarks
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

#### 1-9-5 Seaweed products

Tradename	Company	Nutrient content		Composition, Remarks
Bio Project SM TOP	BioKimia	OS	100 %	Fluid yeast extract with brown algae
		N	2 %	
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® '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			<i>Enzymatically hydrolyzed vegetable protein, in combination with seaweed juice</i>
Cremalga	Biolchim	OS	35 %	Seaweed cream (suspension), herbal extracts, water
		N	1 %	
Kelpak	Biolchim	DM	1,7 %	Seaweed extract
		OS	0,46 %	<i>Natural seaweed extract with high auxin content</i>

Tradename	Company	Nutrient content		Composition, Remarks
Kelpak	DAYMSA	DM	2,46 %	Water, Eklonia maxima
		OS	1 %	
		N	0,1 %	
		P2O5	0,021 %	
		K2O	0,57 %	
Meerwunder SEETANG GRANULAT	Snoek GmbH			<i>For soil improvement and revitalisation of nutrient-poor, overburdened soils, especially with regard to trace elements. For the enrichment of compost</i>
Microlife Bio	Australis	DM	2,5 %	Water, Lessonia nigrescens, Macrocytis integrifolia, Durvillea antarctica, Lessonia trabeculata
		OS	21,4-47,6 %	
		N	0,1 %	
		P2O5	0,1 %	
Phytoamin®	Lebosol	DM	9 %	Sea algae extract with approx. 9 % dry matter
		OS	4,5 %	
		N	0,05 %	<b>Only upon evidence of deficiency symptoms and after expert recommendation, otherwise preferably ground fertilization</b>
		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
		N	4 %	<i>Combi-product from sea algae and vegetable amino- and humic acids for healthy plants</i>
SM6	PLYMAG	pH	5	Ascophyllum Nodosum

#### 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 oil, sulphates - Fe, Cu, Zn, Mn, Na, Mo
		Fe	0,02 %	
		Mn	0,03 %	
		Mo	0,005 %	
		Zn	0,04 %	
AlgoVital® Plus	Biofa	OS	10 %	Brown seaweed extract (Ascophyllum nodosum)
		N	0,3 %	
		K2O	0,3 %	<i>Plant auxiliary agent for foliar application</i>
		S	0,3 %	
argentoVital	Bio-Gate	DM	0,2 %	Water, natural minerals, MicroSilver BG, activates the plant's own defences, improves root growth and increases vitality
BB Blatt	Multikraft			Water, sugar cane molasses, microorganisms solution, ceramic powder
BB Multical	Multikraft	CaCO3	99,5 %	Natural calcium carbonate
Biofusan	agrel	OS	4,7 %	Water, leonardite
BioMyc™ Vital	BioMyc	DM	> 85 %	Arbuscular mycorrhiza fungi, distilled expanded crushed clay (leca)
		OS	0,5 %	

Tradename	Company	Nutrient content		Composition, Remarks
BIO-NPK	Mykonor			Preparation of microorganisms <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
Brennnessel Extrakt Konzentrat	Multikraft			Water, dried nettle leaves, microorganism solution, sugar cane molasses
Brennnessel Extrakt Sprühlösung	Multikraft			Water, dried nettle leaves, microorganism solution, sugar cane molasses
DIE LÖSUNG Sommer	AGROTO			Rainwater, quarz (D7) <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
		K2O	0,44 %	<i>Biostimulator to increase vitality, stress tolerance and nutrient uptake. Application solid or liquid, also as root dip or seed coating</i>
eMB Urlösung	Multikraft			Water, bacteria solution, sugar cane molasses, ceramic powder
EMB-aktiv	Christoph Fischer	DM	2,3 %	Sugar cane molasses, eMB Urlösung (concentrate) with effective
		OS	1,8 %	microorganisms, Greengold, Kin-Mineral
				<i>For the optimisation of composting, water and sewage systems</i>
En-Crops® BlumenSchön	En-Crops	DM	3,2 %	Herbal extracts, resin and wax
		OS	2,6 %	substances, humic and tannic acids,
		N	0,05 %	stone meal
		K2O	0,15 %	
		S	0,21 %	
ENDOMYK PROF + TRI (PLUS)	terra fit			Endomycorrhizal fungi, soil bacteria <i>Biological plant and soil aid for mycorrhizal plants (contains: mycorrhizal spores/mycorrhizal root pieces; 400.000 spores/kg)</i>
EVR	Jadis	DM	24,4 %	Yucca schidigera
		OS	7 %	100 % Yucca schidigera (plant material)
		N	0,12 %	
		P2O5	< 1 %	
		K2O	0,38 %	
		CaO	0,13 %	
		MgO	0,1 %	
		S	< 0,2 %	
		Fe	0,1 %	
		Zn	< 1 %	

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>
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 N	0,32 % 0,04 %	Water, nettle, herbs <i>Herb liquid manure from wild herbs for the growth and health of plants. Improves soil activity</i>
GreenFit Pflanzen-BioAktiv	Yves Kessler	DM N P2O5 K2O	0,075 % 0,29 % 0,011 % 0,032 %	Eluate from grape marc fermented in stages
HanseForte	Hanseplant			Medicinal and spice plants, humic and fulvic acid
Happy Green Agro Getreide und Grünland Aktiv	HRD	N P2O5 K2O MgO	0,31 % < 0,02 % 0,08 % 0,03 %	Water, plant extracts, molasses
Happy Green Agro Obst und Gemüse Aktiv	HRD	N P2O5 K2O MgO	0,31 % < 0,02 % 0,08 % 0,03 %	Water, plant extracts, molasses
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 OS	0,5 % mind. 20 %	Liquid humic acid containing concentrate of dejecta of worms (vermicompost) <i>Improved resistance, quality and nutrient uptake</i>
Humulus TK42+	Biovin	DM N P2O5 K2O	0,075 % 0,57 % 0,011 % 0,032 %	Grape marc compost extract
Humuswasser	Aquatec Leipzig			Water, microorganisms <i>Converts the anaerobic digestion process of slurry into an aerobic rotting process</i>
Kelpak	Biolchim	DM OS	1,7 % 0,46 %	Seaweed extract <i>Natural seaweed extract with high auxin content</i>

Tradename	Company	Nutrient content		Composition, Remarks
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 salt, herbal essence
		OS	2 %	
MAXPROLIN™	UAB Bioenergy			fermented by-products of animal origin
mc Vigo	Seed and Technology			Chlorine free and vitalised water, Humibak stock solution (acc. to Regulation (EC) 834/2007 and 889/2008 for organic farming), organic sugar cane molasses, sea or stone salt
MikroVeda FOLIO	MikroVeda			Microorganisms <i>Fermented plant extracts</i>
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>Mykorrhizia, the primordial element from nature, together with zeolite and natural humic acids</i>
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>
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>

Tradename	Company	Nutrient content		Composition, Remarks
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 %	
PhytoGreen®-Algensaft	Phytosolution	K2O	1,8 %	Sea algae (brown algae Ascophyllum nodosum)
PhytoGreen®-HumusWP	Phytosolution	DM	85 %	Potassium humate, other nutrients, iron, nitrogen
		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/ultrafein	Seed and Technology			
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	1,94 %	Water, vinegar, effective microorganisms solution, sugar cane molasses, alcohol from local fruits, fruit of Sapindus saponaria, ginger, garlic, chili, pepper, picris extracts
		OS	1,64 %	<i>Supports plant vitality and insect repellent through the leaf</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., Mycorrhiza 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., Mycorrhiza propagules</i>
Silkaben Mineralpulver	Snoek GmbH			To prevent damage to field and garden plants. Hardens plant tissue and promotes sugar and aroma formation
SNOEKs Meeresalgen Suspension	Snoek GmbH			Used to stimulate germination, rooting, plant growth and plant health. For higher quality yields. For spraying or pouring

Tradename	Company	Nutrient content		Composition, Remarks
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 extract, alkyl polyglycosides, eucalyptus oil
TrichoVitis®	Intrachem			<i>Trichoderma tolerant to cold for robust plants; especially for growing together of grafting points and the growth in vine nurseries</i>
TriPROF	terra fit			<i>Trichoderma harzianum - german origin with a broad range of applications, for healthy root area, improved plant vitality, higher yields</i>
Vici Rhizo 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 Green	Seed and Technology			Water, Alphabak, organic sugar cane molasses, fruit vinegar, various plants, sea- or rock salt
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
		K	0,342 %	
VigoSol Blatt	Seed and Technology			Chlorine-free and vitalised water, organic sugar cane molasses, various plants, Alphabak, sea- or rock salt
VigoSol Plus	Seed and Technology			Chlorine-free and vitalised water, various plants, organic sugar cane molasses, Alphabak, sea- or rock salt

#### 1-9-20 Micro-organisms

Tradename	Company	Nutrient content		Composition, Remarks
ABIFERT	ABITEP	DM	91,73 %	Wheat bran, Bacillus spp.
		OS	93,1 %	
		P2O5	2,08 %	
		K2O	1,09 %	

Tradename	Company	Nutrient content		Composition, Remarks
ABISAN	ABiTEP	DM	3,4 %	Bacillus spez.
		OS	93,1 %	
		N	0,29 %	
AgriMestMix	Rinagro			Microorganisms <i>Fertilizer processing aid</i>
AKRA Azoarcus N-Bakterien	Karner	Cu	0,16 %	Azoarcus
		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 %	
AMN BonaVita® Bac	Mack			Grain extracts, microorganisms, natural acids <i>Vitalization of roots, strengthening against harmful fungi</i>
AMN Promot®	Mack			Silicon dioxide, Trichoderma harzianum, Trichoderma koningii
ANTYM SIMPLEX	AGRIDAEGUS	DM	2,8 %	Rhizospheric bacteria, mycorrhiza
		OS	6 %	
AquaClean ACF-32	BluePlanet			Rhodopseudomonas palustris, Nitrobacter winogradskyi, Nitrosomonas europaea, Bacillus subtilis, Bacillus licheniformis, Bacillus amyliquefaciens <i>AquaClean ACF-32 is certified for use in organic systems under the IOFGA Certified Products Scheme (Ireland)</i>
AquaClean ACF-SA	BluePlanet			Rhodopseudomonas palustris, Bacillus subtilis, Bacillus licheniformis, Bacillus amyliquefaciens, Bacteria <i>AquaClean ACF-SA is 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 amyliquefaciens, Nitrobacter winogradskyi, Nitrosomonas europaea <i>AquaClean ACF-SR is certified for use in organic systems under the IOFGA Certified Products Scheme (Ireland)</i>
AquaClean ACF-SR+	BluePlanet			Rhodopseudomonas palustris, Bacillus amyliquefaciens, Bacillus licheniformis, Bacillus subtilis, Bacteria <i>AquaClean ACF-SR+ is certified for use in organic systems under the IOFGA Certified Products Scheme (Ireland)</i>
AZOBAC	agrel	DM	80,4 %	Bacillus subtilis, Azobacter chroococcum, Acospirillum brasiliense, Bacillus megatherium, carrier materials
AZOBAC® GRANULAT	agrel			Diatomaceous earth, microorganisms <i>Soil inoculants</i>
AZOFIX®	UAB Bioenergy			<i>Nitrogen-fixing bacteria (Azotobacter vinelandii)</i>

Tradename	Company	Nutrient content		Composition, Remarks
Azotovit	ACON	DM	3 %	Beijerinckia fluminensis + NS
		OS	3 %	<i>Optimizes the N supply and the availability of nutrients, suppresses phytopathogenic microflora and improves soil structure</i>
Bactiva	Bactiva	DM	99 %	Kaolin, diatomaceous earth, seaweed extract, Rhizosphere bacteria,
		OS	5 %	Trichoderma spp., Gliocladium virens, Yucca extract
		N	0,1 %	
		K2O	0,7 %	
		SiO2	47 %	
BaktoN	agrowert			Beijerinckia fluminensis + NS
BaktoPK	agrowert			Paenibacillus mucilaginosus + NS
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>
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, diatomaceous earth, seaweed extract, Glomus intraradices,
		OS	5 %	Rhizosphere bacteria, starch, yucca extract
		SiO2	46 %	
Endo Drip	Bactiva	DM	99 %	Kaolin, diatomaceous earth, seaweed extract, Glomus intraradices,
		OS	5 %	Trichoderma spp., Gliocladium virens, Rhizosphere bacteria, yucca extract
		N	0,2 %	
		K2O	0,7 %	
		SiO2	46 %	
Endo Mais	Bactiva	DM	99 %	Stone meal, seaweed extract,
		OS	5 %	Rhizosphere bacteria, Glomus
		N	< 0,75 %	intraradices, starch, yucca extract, trace elements
		K2O	< 0,75 %	
		SiO2	46 %	
FZB24 fl	ABiTEP	DM	4-5 %	Biological sludge from Bacillus amyloliquefaciens
		OS	5 %	
FZB24 TB	ABiTEP	DM	99,5 %	Talcum, spores of Bacillus amyloliquefaciens FZB24
		OS	5 %	<i>Natural Bacillus strain on talcum</i>
FZB24 WG	ABiTEP	DM	90 %	Maize starch, spores of Bacillus amyloliquefaciens, skimmed-milk powder
		OS	95 %	<i>Natural Bacillus strain based on talcum</i>

Tradename	Company	Nutrient content		Composition, Remarks
Hansebac	Hanseplant			Microorganisms, algae extract, fulvic acids
Hansespor	Hanseplant			Microorganisms, algae extract, fulvic acids
HISTICK® Alfalfa	BASF SE			<i>Sinorhizobium meliloti</i> <i>For the inoculation of lucerne seeds</i>
HISTICK® L	BASF SE			<i>Bradyrhizobium sp. Lupini</i> <i>For the inoculation of lupine seeds</i>
HISTICK® Soy	BASF SE			<i>Bradyrhizobium japonicum</i> <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 OS N K2O SiO2	99 % 7 % 0,1 % 0,7 % 45 %	Kaolin, diatomaceous earth, Glomus intraradices, seaweed extract, rhizosphere bacteria, Trichoderma, Gliocladium, yucca extract, trace elements
LAC-CAS 290 P	CFR	DM OS N	88-96 % 98-99 % 0,1 %	Hardwood powder cellulose, spring water <i>Flowable granules L. casei with powdered cellulose</i>
Lentix	Koppert	DM OS	95,4 % 67,6 %	Trichoderma spp., Bacillus spp., Mycorrhiza
MY BIOTRESTER	CFR	DM OS N S SiO2	19-25 % 93-98 % 4,8 % 0,023 % ca. 1,4 %	Organic brewing pomace, microorganisms, leonardite <i>For cultivation- and potting soils, increasing mycorrhiza, plant aid, soil enhancer</i>
NODULATOR® FABABEAN	BASF SE			<i>Sinorhizobium meliloti</i> <i>For the inoculation of field bean seeds</i>
NovaFerm Multi	AGROsolution	DM OS	1,5 % 1,1 %	Bacteria bio mass
Phosphatovit	ACON	DM OS	3 % 3 %	Bacillus mucilaginosus <i>Improves the availability of nutrients, especially P/K, suppresses phytopathogenic microflora, improves the soil and accumulates humus</i>
PreVail for Alfalfa and True Clover – Combination	Verdesian			$1.0 \times 10^8$ CFU/g N2-fixing rhizobium bacteria
PreVail for Alfalfa and Sweet Clover	Verdesian			$1.0 \times 10^8$ CFU/g N2-fixing rhizobium bacteria
PreVail for True Clover	Verdesian			$1.0 \times 10^8$ CFU/g N2-fixing rhizobium bacteria
ProGrow® 385	Progress Agrar	DM N	95,21 % 2,05 %	Dextrose, Bacteria
Promot® Plus	Intrachem			Citric acid, Trichoderma spores, SiO2 <i>Increases vitality and improves growth, yield and flower formation</i>
Quaterna® Activa 500	Sobac Deutschland	DM	94 %	Calcium carbonates, plant compost
RADICIN	Jost			Microorganisms

Tradename	Company	Nutrient content		Composition, Remarks
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>
RhizoFert	ABiTEP	DM OS Mn Zn	3,45 % 93,1 % 0,001 % 0,0006 %	Bacillus atrophaeus ABi05
RhizoFix®	Feldsaaten	OS	100 %	Rhizobia-solution <i>Liquid Rhizobium inoculant for direct inoculation of legume seeds</i>
RhizoVital 42 fl., Sana Terra	ABiTEP	DM OS	5 % 5 %	Bacillus amyloliquefaciens FZB 42
RhizoVital 42 TB	ABiTEP	DM	99 %	Talcum, preparation of microorganisms FZB 42
RIZOKYL SIMPLEX	AGRIDAUS	DM OS	6 % 2,8 %	Rhizospheric bacteria, Mycorrhiza
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>
solufit FG Kompostextrakt	sansolum	DM N K2O	0,4 % 4,5 % 10 %	Composite extract of compost, algae extract and molasses <i>To strengthen the growth, health and resistance of field crops, fruits and vegetables</i>
solufit TG Kompostextrakt	sansolum	DM N K2O	0,4 % 4,5 % 10 %	Composite extract of compost, algae extract and molasses <i>To strengthen the growth, health and resistance of professionally used lawns (golf, polo) and ornamental plants</i>
TRICHO HAC G	CFR	DM OS N S SiO2	50-78 % 98-99 % 0,12 % 0,002 % ca. 0,2 %	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>
TRICHO VIC G	CFR	DM OS N SiO2	50-82 % 98-99 % 0,1 % ca. 0,2 %	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>
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>

Tradename	Company	Nutrient content			Composition, Remarks
TRICHO-VIC	CFR				Brewery spring water, potato fibre extract, pea peptone, dextrose, lyophilised <i>Trichoderma virens</i> <i>Sprayable liquid substrate containing Trichoderma virens, pure strain, conform to ACC-No. 9645, against fungi and nematodes; plant additive, soil improver</i>
VigoForte	Seed and Technology				
VigoSol	Seed and Technology				
Vitabac	Bactiva	DM	99 %	Stone meal, useful rhizosphere bacteria	
		OS	3 %		
		N	0,2 %		
		P2O5	0,1 %		
		K2O	0,1 %		
		SiO2	50 %		
Vitalbeize	WTZ GmbH				
Vitix	Koppert	DM	95,6 %	Trichoderma spp., Mycorrhiza, Bacillus spp.	
		OS	71,4 %		

#### 1-9-21 Soil inoculants

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 Optimizes the N supply and the availability of nutrients, suppresses phytopathogenic microflora and improves soil structure	
		OS	3 %		
BACTOLIVE® LEGUME (für Leguminosen)	RHIZO-MIC	DM	40 %	Water, black peat, nitrogen fixing bacteria	
		OS	86 %		
		N	< 1 %		
		P2O5	< 0,05 %		
		K2O	< 1 %		
BACTOLIVE® M-S-S-C	RHIZO-MIC	DM	95 %	Algae extracts, rock flours / bentonites, beneficial soil bacteria Organic agent based on algae extract and microorganisms (Bacillus spp., Pseudomonas, Azospirillum spp.) for application on medium sized seeds	
		OS	50 %		
BaktoN	agrowert				Beijerinckia fluminensis + NS
BaktoPK	agrowert				Paenibacillus mucilaginosus + NS
FUEGO	BIAGRO	N	0,9 %	Vegetal amino acids The product is based on whey (Lactobacillus) and vegetable amino acids	
FZB24 fl	ABiTEP	DM	4-5 %	Biological sludge from Bacillus amyloliquefaciens	
		OS	5 %		

Tradename	Company	Nutrient content		Composition, Remarks
FZB24 TB	ABiTEP	DM	99,5 %	Talcum, spores of <i>Bacillus amyloliquefaciens</i> FZB24
		OS	5 %	<i>Natural Bacillus strain on talcum</i>
FZB24 WG	ABiTEP	DM	90 %	Maize starch, spores of <i>Bacillus amyloliquefaciens</i> , skimmed-milk powder
		OS	95 %	<i>Natural Bacillus strain based on talcum</i>
Gaiasan	Agrostim	DM	3,1 %	Water, SBO, sea salt, organic molasses,
		OS	2,1 %	Humisol
INOQ Advantage	Inoq	DM	97,77 %	Root powder, Vermiculite / sand
		OS	7,1 %	
INOQ Agri	Inoq	N	0,06 %	Vermiculite, sand, root powder with mycorrhizal fungi
		P2O5	0,49 %	
		K2O	0,73 %	<i>Mycorrhizal fungi for symbiosis</i>
Phosphatovit	ACON	DM	3 %	Bacillus mucilaginosus
		OS	3 %	<i>Improves the availability of nutrients, especially P/K, suppresses phytopathogenic microflora, improves the soil and accumulates humus</i>
ProGrow® 570	Progress Agrar	DM	94,38 %	Microorganisms <i>For all agricultural and horticultural crops</i>
ProGrow® 620	Progress Agrar			
rhizo power®	nadicom	DM	6 %	Pseudomonas species, <i>Bacillus</i> species, rhizobia
		OS	6 %	<i>Rhizobia for nitrogen supply of fodder plants (legumes), plant associated bacteria to promote growth</i>
RhizoFert	ABiTEP	DM	3,45 %	<i>Bacillus atrophaeus</i> ABi05
		OS	93,1 %	
		Mn	0,001 %	
		Zn	0,0006 %	
RhizoVital 42 fl., Sana Terra	ABiTEP	DM	5 %	<i>Bacillus amyloliquefaciens</i> FZB 42
		OS	5 %	
RhizoVital 42 TB	ABiTEP	DM	99 %	Talcum, preparation of microorganisms FZB 42
SOLANOVA®	Intrachem			Whey powder, natural auxiliary materials, Mycorrhiza, <i>Bacillus</i> , <i>Pseudomonas</i> , <i>Streptomyces</i> , <i>Trichoderma</i> <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 <i>Trichoderma</i> <i>For perennial use from 2°C; for sowing, seedlings, vegetables, ornamental plants, fruits</i>

#### 1-9-40 Other Aids and Additives

Tradename	Company	Nutrient content	Composition, Remarks
Rotteförderung	Pflanzen- und Bodenpflege		Calcium carbonate

Tradename	Company	Nutrient content		Composition, Remarks
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
		CaO	43 %	<i>Clay meal - lime bath for poultry, odour binder for every stable, 20 kg sack or entire pallet</i>
		MgO	1 %	
		SiO <sub>2</sub>	24 %	
ECOSUS® SFC-Mineral	Ecosus	DM	65 %	Leonardite, calcium carbonate, bentonite, calcium sulphate, silicon, microorganisms
		OS	28,8 %	<i>Increases the fertilizer efficiency; increases the natural soil fertility and stress tolerance of all cultures, especially regarding drought and high salinity</i>
		CaO	8,7 %	
		MgO	1,2 %	
		S	3 %	
FARMSTABIL® FT + K	Farmgreen	DM	4 %	Component FT, component K
		OS	2 %	
		N	0,1 %	
		K <sub>2</sub> O	0,3 + 2,6 %	
		MgO	0,8 %	

### 1-12-1 Fertilizer additives

Tradename	Company	Nutrient content		Composition, Remarks
Diabas Urgesteinsmehl	Schicker	P <sub>2</sub> O <sub>5</sub>	0,4 %	Diabase hard stone
		K <sub>2</sub> O	0,75 %	<i>Soil: soil activation, humus formation, with minerals and trace elements. Slurry: surface enlargement, ammonia binding, oxygen and rotting</i>
		CaO	15 %	
		MgO	3 %	
		Mg	1,8 %	
		S	0,3 %	
		Co	0,006 %	
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
Actiglene	Timac DE			Calcium carbonate from the sea, bentonite, microorganisms <i>Improvement of the flow properties and of the fertilising value</i>
AgriMestMix	Rinagro			Microorganisms <i>Fertilizer processing aid</i>

Tradename	Company	Nutrient content		Composition, Remarks
BAT - Mineral RG	Hanse	DM	100 %	Quartz meal
		SiO2	99,2 %	
BioAktiv Professional Gülle	BioAktiv			
		<i>Calcium carbonate Removes sinking layers, reduces floating layers; facilitates the formation of a homogenous slurry. Promotes the growth of aerobic bacteria, reduces harmful gases</i>		
BioAktiv Professional Kompost	BioAktiv			
		<i>Calcium carbonate Promotes the growth of aerobic bacteria, accelerates the rotting process, reduces harmful gases</i>		
BIOCOSi	BIOCO			
		<i>Natural silicates, bacteria growing medium Ammonia binding; promotes desired bacteria</i>		
Biolit Diabas-Urgesteinsmehl	Hartsteinwerk Kitzbühel	SiO2	56,23 %	Diabas rock flour <i>Rock flour with high silicon content from diabase</i>
Biolit Diabas-Urgesteinsmehl sandig	Hartsteinwerk Kitzbühel	SiO2	56,23 %	Diabas rock flour <i>Silicon containing rock flour from diabase - sandy</i>
Biolit Diabas-Urgesteinsmehl ultrafein	Hartsteinwerk Kitzbühel	SiO2	56,23 %	Diabas rock flour <i>Silicon containing rock flour from diabase. Ultrafine - suitable for plant sprayers</i>
BIPLANTOL plus	Bioplant			
		<i>Homoeopathic complex 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			
DOLOTON plus	Klose	DM	100 %	Calcium carbonate, clay mineral
		OS	< 1 %	<i>Product produced by grinding together limestone and clay minerals</i>
		CaO	39 %	
		MgO	2,5 %	
		SiO2	22 %	
EMIKO® Güllezusatz	EMIKO			
		<i>Water, microorganisms, sugar cane molasses, brine</i>		
Erbers Gölleschwefel	ERBER AGRO	S	99,5 %	Elemental sulphur
Fermasan	Lexa	DM	99 %	Bentonite, calcareous marine algae, herb mixture, marine algae meal, rotting starter
Flinasan	Lexa	DM	99 %	Bentonite, mixture of herbs, calcareous marine alga, sea algae meal, rotting starter 25 kg sack
Güllehilfsmittel	Pflanzen- und Bodenpflege			
		<i>Calcium carbonate</i>		
Humuswasser	Aquatec Leipzig			
		<i>Water, microorganisms Converts the anaerobic digestion process of slurry into an aerobic rotting process</i>		
IN-WA-QUARZ G	Inwa			
		<i>Quartz, NaCl, informed water Substrate excipient for rotting; homoeopathically similarly prepared</i>		

Tradename	Company	Nutrient content		Composition, Remarks
IPUSagro L 900	IPUS	DM	96 %	Clinoptilolite
		OS	< 0,01 %	<i>For more flowable and homogeneous slurry (liquid manure)</i>
		K2O	2,5 %	
		CaO	2,4 %	
		MgO	1,3 %	
		Na	1,1 %	
		Fe	0,9 %	
		SiO2	70 %	
SANBIO® TERRA	Sanbos	DM	99 %	Calcium carbonate, solution of microorganisms
		OS	1 %	
SCHWEFAL® 99-GM	Intrachem	S	99,5 %	Elemental sulphur <i>For mixing in the slurry (liquid manure)</i>
Z fix	Olmix - PRP	DM	99 %	Calcium carbonate, magnesium carbonate, granulated auxiliary agent, sodium chloride, potassium sulphate, iron sulphate
		K2O	0,6 %	
		CaO	43 %	
		MgO	3,5 %	
		Na	3,8 %	<i>Homogenization of slurry (liquid manure), binding of ammonia</i>
		S	1,52 %	
		Fe	0,32 %	

### 1-12-3 Additives for digestion

Tradename	Company	Nutrient content		Composition, Remarks
BC.ATOX flüssig	Schaumann	DM	33,5 %	Iron(II) chloride
		Fe	13,8 %	<i>Iron product based on iron(II)chloride for hydrogen sulfide- and ammonia- precipitation and for supporting the biogas formation</i>
		Mn	0,1 %	
BC.ATOX Scon	Schaumann	DM	90 %	Iron hydroxide
		CaO	11,5 %	<i>Iron product for hydrogen sulfide precipitation and for supporting the biogas formation</i>
		MgO	0,8 %	
		Fe	35 %	
		Mn	0,45 %	
BERGOFERM® Absorb S	Bergophor	DM	90 %	Iron hydroxide, iron oxide
		Fe	44,5 %	<i>Iron hydroxide for the binding of hydrogen sulphide in biogas plants</i>
Deuto-Clear Sulfo	Lukeneder			Water, iron (II) chloride, hydrogen chloride, trace elements, minerals <i>Precipitation of sulphur for biogas process optimization</i>
Donau Bellamethan classic	Biogasberatung			Iron(II) chloride
Eisenhydroxid	BCD	Fe	39,1 %	Iron hydroxide <i>Iron hydroxide for elimination of hydrogen sulphur in biogas plants</i>
FermWell Eisenchlorid 28	FermWell	DM	45 %	<i>Effective substance 126 g/kg Fe(II)</i>
		Fe	12,6 %	
FermWell Eisenchlorid 40	FermWell	DM	45 %	<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 %	<i>Effective substance &gt; 500 g/kg Fe</i>
		MgO	0,7 %	
		Fe	54,6 %	
		Mn	1 %	

Tradename	Company	Nutrient content		Composition, Remarks
FermWell Zeolith 50	FermWell	DM	96 %	
		CaO	3,6 %	<i>Thermally activated, processed natural rock</i>
		MgO	0,9 %	
		Fe	1,3 %	
		Mn	1 %	
		SiO2	71 %	
GeoHumat Plus	Geofert	OS	5 %	Leonardite
		N	1,5 %	
		K2O	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
		OS	< 0,01 %	<i>Biogas-migulator (mineral bio-regulator) for the improvement of the biogas process</i>
		K2O	2,5 %	
		CaO	2,4 %	
		MgO	1,3 %	
		Na	1,1 %	
		Fe	0,9 %	
		SiO2	70 %	
Klinopmin	Zeolith GmbH	DM	90 %	Clinoptilolite
		K2O	2,9 %	
		MgO	0,9 %	
		Na	0,4 %	
		Fe	0,7 %	
		SiO2	68,2 %	
Schwefelwasserstoff- Binder 400	energie+agrar	DM	> 90 %	Iron hydroxide
		Fe	> 40 %	<i>Highly amorphous iron hydroxide, gently dried</i>

## 1-19 Farmyard 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	ORGANICOS	DM	55 %	Manure
Pedrin	PEDRIN	OS	4,50 %	Product available in Spain
		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	Kompetent	DM	65,7 % of FW	Garden and park waste, leonardite
	Entsorgung	OS	26 % of DW	Salt content (KCl): 2,09 g/l WM
		N_total	1,15 % of DW	pH-value (in H <sub>2</sub> O): 8,6
		P2O5	0,49 % of DW	<i>Humus fertiliser with approx. 35 % humic matter content</i>
		K2O	1,0 % of DW	
		CaO	2,8 % of DW	
		MgO	0,43 % 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 Phytoplan
		OS	59 % of DW	GOLD, Provita Pflanzfein, algal-based
		N_total	1 % of DW	trace element fertilizer, primary rock flour
		P2O5	0,22 % of DW	Salt content (KCl): 1 g/l
		K2O	0,22 % of DW	pH value (in CaCl <sub>2</sub> extract): 6,5
		CaO	4,2 % of DW	<i>Universally applicable soil improver as fit-maker for plants, produced with biodynamic compost preparations</i>
		MgO	0,22 % of DW	
Naturvigor-G	DAYMSA	DM	75-80 % of FW	Compost, leonardite
		OS	50 % of DW	<i>Granular consisting of 70 % compost and 30 % leonardite</i>
		N	1,7 % of DW	
		P2O5	1,7 % of DW	
		K2O	1,7 % of DW	
		Fe	1,5 % of DW	
Orgalife	Organika Nova	DM	2,18 % of FW	Trace elements
		OS	58,32 % of DW	pH-value (in H <sub>2</sub> O-extract): 7,3
		N_total	2,19 % of DW	<i>Organic microbiological fertilizer prepared from californian red worms casting base. Total bacteria 125.000.000/ml</i>
		P2O5	2,87 % of DW	
		K2O	1,60 % of DW	
		Ca	4,12 % of DW	

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

### 1-25-5 Diverse mulches

Tradename	Company	Nutrient content		Composition, Remarks
Lava Granulate	Provinzial			Lava rock
	Basalt- und			<i>Mineral coating layers. Substrate</i>
	Lavawerke			<i>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's wool, hemp fibre

## 1-28 Sowing aids and seed treatments

Tradename	Company	Nutrient content	Composition, Remarks
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>
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>
DynaSeed Plus 30	DSV		<i>Coating for lawn grasses, for safe sowing</i>
DynaSeed Plus 50	DSV		<i>Coating for lawn grasses, for safe sowing</i>
Dynaseed Power 30	DSV		<i>Coating for lawn grasses, for a quick start</i>
DynaSeed Power 50	DSV		<i>Coating for lawn grasses, for a quick start</i>
EKOseed TURF	SP Sourcon		Kaolin, Pseudomonas sp., Bacillus sp., Trichoderma harzianum, mycorrhiza Sale only to professional manufacturers
MASTERFIX L PREMIER	Stoller		<i>Bradyrhizobium japonicum, SEMIA 579, Bradyrhizobium elkanii, SEMIA 5019</i>
Rasenperlen	DSV		<i>Coating for lawn grasses</i>

Tradename	Company	Nutrient content		Composition, Remarks
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>
rhizo power® Gemüse	nadicom	DM OS	6 % 6 %	Microorganisms <i>Root-associated soil bacteria to promote plant growth (liquid)</i>
rhizo power® Volle Blüte	nadicom	DM N	6 % 0,2 %	Microorganisms <i>Root-associated soil bacteria to promote plant growth (liquid)</i>
RhizoFix®	Feldsaaten	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
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 herb Substrate 0	Plantaflor	N_total P2O5 K2O	70-170 mg/l 135-225 mg/l 390-650 mg/l	White peat, coconut paste, black peat, green waste compost, Perlit 2-6 mm, Planta Bio-Mix 8+2+7, Radigen Salt content (KCl): 1,0 g/l pH-value (in CaCl2-extract): 5,8

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

Tradename	Company	Nutrient content		Composition, Remarks
Bio Blumen- und Pflanzerde torffrei	Gramoflor	N_total NO3-N NH4-N P2O5 K2O	150 mg/l 45 mg/l 105 mg/l 350 mg/l 1500 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 CaCl2 extract): 6,3
Bio Kräuter- und Gemüseerde torffrei	Gramoflor	N_total NO3-N NH4-N P2O5 K2O	130 mg/l 30 mg/l 100 mg/l 300 mg/l 1250 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 CaCl2 extract): 6,2
corthum Bio-Regioerde	corthum	N_total K2O	102 mg/l 607 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>

Tradename	Company	Nutrient content			Composition, Remarks
Ingrina die Torffreie Aussaat- und Kräutererde	DIE TORFFRAU	N_total P2O5 K2O	50-100 mg/l 80-150 mg/l 200-300 mg/l	Oak-bark compost, substrate fibre mixture, bark humus, vermiculite Salt content (KCl): 0,8 g/l pH-value (in CaCl2 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>
INGRINA die Torffreie Rhododendron- und Moorbeeterde	DIE TORFFRAU	N_total NO3-N NH4-N P2O5 K2O	100-250 mg/l 50-125 mg/l 50-125 mg/l 100-150 mg/l 350-500 mg/l	Oak bark compost, pine bark, vermiculite, bark compost, woodcut Salt content (KCl): 0,8 g/l pH-value (in CaCl2 extract): 4,5 - 4,8	<i>Ready-to-use special soil for bog plants that require acidic soil</i>
Ingrina die Torffreie Topf- und Pflanzerde	DIE TORFFRAU	N_total NO3-N NH4-N P2O5 K2O	120-200 mg/l 50-100 mg/l 70-100 mg/l 100-150 mg/l 200-400 mg/l	Bark humus, oak bark compost, bio substrate fibre topora, Vermiculite 1-3 Salt content (KCl in CaSO4 extract): 1,3 g/l pH-value (in CaCl2 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>

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

Tradename	Company	Nutrient content			Composition, Remarks
Ingrina die Torffreie Aussaat- und Kräutererde	DIE TORFFRAU	N_total P2O5 K2O	50-100 mg/l 80-150 mg/l 200-300 mg/l	Oak-bark compost, substrate fibre mixture, bark humus, vermiculite Salt content (KCl): 0,8 g/l pH-value (in CaCl2 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>

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

Tradename	Company	Nutrient content			Composition, Remarks
Ingrina BIO TORIKO / Blumen- und Pflanzerde	DIE TORFFRAU	N_total P2O5 K2O	100-150 mg/l 80-150 mg/l 200-300 mg/l	Oak bark compost, Northern German raised bog sog peat, bio wood fibre topora, vermiculite 1-3 Peat content: 40 % Salt content (KCl in CaSO4 extract): 0,6 g/l pH-value (in CaCl2 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>
Ingrina BIO TORIKO Moorbeeterde	DIE TORFFRAU	N_total NO3-N NH4-N P2O5 K2O	60 mg/l 45 mg/l 15 mg/l 100 mg/l 270 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 CaCl2 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>

Tradename	Company	Nutrient content			Composition, Remarks
Plantaflor® Organic Container Substrate	Plantaflor	N_total	70-170 mg/l	P2O5	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 %
		K2O	540-900 mg/l		Salt content (KCl in CaSO4-extract): 1,3 g/l
					pH-value (in CaCl2-extract): 5,8
					<i>Container substrate for the cultivation of ornamental- and woody plants in containers</i>
Plantaflor® Organic Potting Substrate	Plantaflor	N_total	70-170 mg/l	P2O5	White peat, coconut pulp, Perlite 2-6 mm, black peat, green waste compost, horn semolina, Planta Bio-Mix 8+2+7, Radigen Peat content: 60 %
		K2O	540-900 mg/l		Salt content (KCl in CaSO4 extract): 1,3 g/l
					pH-value (in CaCl2 extract): 5,8
					<i>Potting substrate for the cultivation of ornamental- and vegetable plants</i>

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

Tradename	Company	Nutrient content			Composition, Remarks
Ingrina BIO TORIKO / Aussaat- und Anzuchterde	DIE TORFFRAU	N_total	45-100 mg/l	NO3-N	Northern German raised bog peat, Oak-bark compost, horn meal, algal lime, primary rock flour, algal-based trace element fertilizer
		NH4-N	30-74 mg/l	P2O5	Peat content: 50 %
		K2O	200-300 mg/l		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>

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

Tradename	Company	Nutrient content			Composition, Remarks
Klasmann Bio Kräutersubstrat	Klasmann-Deilmann	N_total	600 mg/l	P2O5	Raised bog peat, quality assured green compost, coconut pulp, fermented mixture of wood fibre/compost, horn shavings, calcium carbonate, trace element fertilizer
		K2O	300-400 mg/l	Mg	Peat content: 70 %
					Salt content (KCl): 1,0 - 1,5 g/l
					pH-value (in CaCl2 extract): 5,5
					<i>Compost treated with bio-dynamic compost preparations</i>
Schwarzerde für Beet- und Balkonblumen	Multikraft	N_total	910 mg/l	P2O5	White peat, wood fibre
		K2O	289 mg/l		Peat content: 65 %
					Salt content (KCl): 1,5 g/l
					pH-value (in CaCl2 extract): 6,0

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

Tradename	Company	Nutrient content		Composition, Remarks
Klasmann Bio Potgrond	Klasmann-Deilmann	N_total P2O5 K2O Mg	350-400 mg/l 250-450 mg/l 350-700 mg/l 100-200 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>

### 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 P2O5 K2O	< 1000 mg/l < 400 mg/l 24000 mg/l	Clinoptilolite
ökohum Steppensubstrat	ökohum GmbH	N_total P2O5 K2O	30 mg/l 20 mg/l 600 mg/l	Expanded shale, expanded clay-sand, brick chippings, bark compost, mixture of bricks and sand, ground clay Salt content (KCl): 2 g/l pH-value (in CaCl <sub>2</sub> extract): 8,5

### 1-31 Additives for potting mixes

Tradename	Company	Nutrient content		Composition, Remarks
TORBO HF Substratfaser	FireStixx			Spruce wood, leonardite

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

Tradename	Company	Nutrient content		Composition, Remarks
Herbaland Z	Sanovita			<i>Application as soil additive in all crops with respective nutrient requirements</i>
Perligran Classic 0-6	Knauf Aquapanel	K2O CaO MgO Na <sub>2</sub> O SiO <sub>2</sub> Al <sub>2</sub> O <sub>3</sub> Fe <sub>2</sub> O <sub>3</sub>	2-5 % 0-2 % 0-1 % 5-10 % 60-80 % 12-16 % 0-2,5 %	Expanded perlite <i>As aggregate for substrates, cultivation, pot cultivation, mineral soil conditioner, analyses according to Dutch RHP methods</i>
Perligran Extra	Knauf Aquapanel	K2O CaO MgO Na <sub>2</sub> O SiO <sub>2</sub> Al <sub>2</sub> O <sub>3</sub> Fe <sub>2</sub> O <sub>3</sub>	2-5 % 0-2 % 0-1 % 5-10 % 60-80 % 12-16 % 0-2,5 %	Expanded perlite <i>As aggregate for substrates, cultivation, pot cultivation, mineral soil conditioner, analyses according to Dutch RHP methods</i>
Perligran Medium	Knauf Aquapanel	K2O CaO MgO Na <sub>2</sub> O SiO <sub>2</sub> Al <sub>2</sub> O <sub>3</sub> Fe <sub>2</sub> O <sub>3</sub>	2-5 % 0-2 % 0-1 % 5-10 % 60-80 % 12-16 % 0-2,5 %	Expanded perlite <i>As aggregate for substrates, cultivation, pot cultivation, mineral soil conditioner, analyses according to Dutch RHP methods</i>

Tradename	Company	Nutrient content		Composition, Remarks
Perligran Organic	Knauf	DM	86 %	Perlite, humic acid
	Aquapanel	OS	2,7 %	<i>Soil additive and substrate component specially for herb- and vegetable cultivation</i>
Perligran Premium	Knauf	K2O	2-5 %	Expanded perlite
	Aquapanel	CaO	0-2 %	<i>As additive for substrates, cultivation, pottig cultures, mineral soil enhancer, analysis according to Dutch RHP-methods</i>
		MgO	0-1 %	
		Na2O	5-10 %	
		SiO2	60-80 %	
		Al2O3	12-16 %	
		Fe2O3	0-2,5 %	
Vermiculite Typ S / ...	Isola	P2O5	< 0,6 %	Vermiculite
		K2O	< 0,2 %	<i>Mineral aggregate for young plant breeding, soil loosener, absorbs water, strengthens seedlings and provides strong healthy cuttings</i>
		CaO	0,3-1 %	
		MgO	24-26 %	
		SiO2	36-39 %	

### 1-31-2 Organic additives for potting mixes

Tradename	Company	Nutrient content		Composition, Remarks
ARBOCEL ADSORB 2	Rettenmaier			<i>Cellulose dextrose derivative for the rewettability of soils and substrates</i>
ARBOCEL® FT 400	Rettenmaier			Cellulose <i>Cellulose-based substrate</i>
BioSi® KompMix+Herbs	Schweizer	DM	67,6 % of FW	<i>For the preparation of effective microorganisms incl. humic acids and trace elements for the vitalization of the soil</i>
		OS	54,1 % of DW	
		N_total	0,45 % of DW	
		P2O5	0,29 % of DW	
		K2O	0,23 % of DW	<b>The component 'vegetable carbon' is not considered compliant with the EC Eco-Regulation in every German federal state</b>
		MgO	2,72 % of DW	
Florafibre	Torfwerk	N_total	7 mg/l	Wood shavings
	Moorkultur	P2O5	20 mg/l	Salt content (KCl): 0,1 g/l
		K2O	55 mg/l	pH-value (in CaCl2 extract): 5
Kleeschulte Substratfaser topora®-bio	Kleeschulte	DM	49,4 % of FW	Coniferous wood chips, organic fertilizer of animal origin
		OS	99,5 % of DW	Salt content (KCl): ≤ 1,0 g/l of FM
		N_total	5 % of DW	pH-value (in CaCl2 extract): 5,5
		N_charge able	0,32 % of DW	
		P2O5	0,05 % of DW	
		MgO	0,02 % of DW	
Lava Granulate	Provinzial Basalt- und Lavawerke			Lava rock <i>Mineral coating layers. Substrate aggregate for roof greening</i>
LIGNOCEL® PF	Rettenmaier			
<i>Softwood fibre Delivery only to professional manufacturers of soil and substrates. Follow instructions for user protection (respiratory mask) Substrate fibre for air void content and water retention capacity</i>				
VIVAPUR MCG 30 F	Rettenmaier	<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
AMYLO-X-WG	CERTIS Europe Spanien	<b>Pome fruits:</b> Bacterial blight, stemphylium, monilia <b>Stone fruits:</b> Monilia <b>Berries:</b> Botrytis, powdery mildew <b>Vine:</b> Powdery mildew <b>Vegetables:</b> Botrytis, powdery mildew, sclerotinia Bacillus amyloliquefaciens subsp. plantarum 5 x 10 <sup>10</sup> CFU/g Approval number: ES-00346 (MAPAMA, Spain)
AQ 10® WG	e-nema	<b>Aubergine, vegetable peppers, pumpkin, pumpkin hybrids, tomato, zucchini, cucumber, strawberry, melon:</b> Powdery mildew Ampelomyces quisqualis 5 billion spores/g Approval number: 006391-00
Armicarb	CERTIS Europe Spanien	<b>Vegetables, stone fruits, berries, vine, ornamental plants, tropical fruits:</b> Powdery mildew, Monilia, Botrytis Potassium hydrogen carbonate 85 % Approval number: 25.697 (MAPAMA, Spain)
AUSOIL 23 EC	AUSOIL PTY LTD	<b>Bananas:</b> Black Sigatoka (Mycosphaerella fijiensis) <b>Brocoli:</b> Alternaria <b>Rice:</b> Rhizoctonia <b>Roses:</b> Botrytis, powdery mildew Tea tree oil 230 g/l REACH No. 01-2120743651-57-0022
Bafex-N®	Bio Insumos	<b>Grapevine:</b> Meloidogyne sp., Xiphinema sp., Criconemella sp. <b>Tomato:</b> Meloidogyne incognita Bacillus cereus (strain Bromelia) 3 x 3 10 <sup>7</sup> CFU/g, Bacillus thuringiensis (strain Anemófila) 3 x 3 10 <sup>7</sup> CFU/g, Bacillus vereaus (strain Peuma) 3 x 3 10 <sup>7</sup> CFU/g Approval number: 1824 (SAG, Chile)
BANAFORCE 24 EC	Iberlatyna Spain	Sigatoka control Tea tree oil (Melaleuca alternifolia) 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 Aureobasidium pullulans 5 <sup>9</sup> CFU/g Approval number: 007416-00
Botector®	bio-ferm	<b>Himbeerartiges Beerenobst, Johannisbeerartiges Beerenobst:</b> Botrytis cinerea <b>Table and wine grapes:</b> Botrytis (Botrytis cinerea) <b>Erdbeere:</b> Botrytis cinerea Aureobasidium pullulans 5 <sup>9</sup> CFU/g Approval number: 007417-00
Cedomon	Koppert	<b>Rye:</b> Fusarium <b>Triticale:</b> Pyrenophora teres <b>Wheat:</b> Tilletia caries Pseudomonas chlororaphis MA 342 12 % Approval number: 005921-00
Cerall	Koppert	<b>Roggen, Triticale, Weizen:</b> Fusarium, Septoria, Tilletia caries Pseudomonas chlorophyillis MA 342 20 % Approval number: 005922-00

Tradename	Company	Application areas, Comments
COBRE NORDOX 75 WG	Comercial Química Massó	<p><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, Stigmina, Monilia, Phomopsis, endophytic fungi, Plasmopara, Alternaria, Colletotrichum, Mildew, Phytophthora, Pseudoperonospora, Rust Cuprous oxide 88,24 %</p> <p>Approval number: 22560 (MAPAMA, Spain)</p> <p><b>Application only in fruit, wine and hop production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b></p>
Contans WG	Bayer AG	<p><b>Cultivation of crops, vegetables and ornamental plants:</b></p> <p>Sclerotinia sclerotiorum und S. minor</p> <p>Coniothyrium minitans at least 1 billion spores/g</p> <p>Approval number: 024346-00</p>
Cuproxit	Biofa	<p><b>Vine:</b> Downy mildew (Plasmopara viticola)</p> <p>Copper sulphate, tribasic 345 g/l</p> <p>Approval number: 033775-00</p> <p><b>Application only in wine. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b></p>
Cuprozin progress	Certis Europe Deutschland	<p><b>Pome fruit:</b> Scab (Venturia spp.), Fruit tree canker (Nectria galligena)</p> <p><b>Stone fruit:</b> Fungal leaf spot pathogen</p> <p><b>Asparagus:</b> Leaf spot disease (Stemphylium botryosum)</p> <p><b>Carrots:</b> Blight of carrot (Alternaria dauci)</p> <p><b>Cucumber:</b> Downy mildew (Pseudoperonospora cubensis)</p> <p><b>Onions:</b> Downy mildew of onion (Peronospora destructor)</p> <p><b>Potatoes:</b> Late blight of potato (Phytophthora infestans), Black leg of potato (Erwinia carotovora)</p> <p><b>Ornamental plants:</b> Bacterial leaf spot</p> <p><b>Hop:</b> Downy mildew (Pseudoperonospora humuli)</p> <p><b>Vines:</b> Downy mildew (Plasmopara viticola)</p> <p>Copper hydroxide (equivalent to 250g copper/l) 383,8 g/l</p> <p>Approval number: 006895-00</p> <p><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></p> <p><b>Application only in fruit, wine and hop production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b></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)</p> <p>Citrus seed, skin, pulp and juice extract (Citric acid) 28,7 %</p> <p>Approval number: 5305 (Dominican Republic)</p> <p><i>EKO POSTFORTE 32.7 SL is a systemic and contact fungicide-bactericide allowed to be used in postharverst treatments</i></p>
Funguran	Certis Europe Deutschland	<p><b>Pome fruit and strawberries:</b> Various fungal pathogens</p> <p>Copper oxychloride (copper content 450 g/kg) 756 g/kg</p> <p>Approval number: 050723-00</p> <p><i>Please pay attention to the instructions for use</i></p> <p><b>Application only in pome fruit production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b></p>

Tradename	Company	Application areas, Comments
Funguran progress	Certis Europe Deutschland	<p><b>Pome fruit:</b> Scab (<i>Venturia spp.</i>), Fruit tree canker (<i>Nectria galligena</i>)</p> <p><b>Stone fruit:</b> Fungal leaf spot pathogen</p> <p><b>Potatoes:</b> Late blight of potato (<i>Phytophthora infestans</i>), black leg of potato (<i>Erwinia carotovora</i>)</p> <p><b>Ornamental trees:</b> Bacterial leaf spot</p> <p><b>Hop:</b> Downy mildew (<i>Pseudoperonospora humuli</i>)</p> <p><b>Vines:</b> Downy mildew (<i>Plasmopara viticola</i>)</p> <p>Copper hydroxide (equivalent to 35 % copper) 53,7 %</p> <p>Approval number: 006896-00</p> <p><i>Please pay attention to the instructions for use</i></p> <p><b>Application only in fruit, wine and hop production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years.</b></p>
FUNIBIOL 45 SL	Green Seal	<p><b>Banana:</b> Sigatoka negra, mycosphaerella fijensis</p> <p><b>Reis, Früchte, Gemüse:</b> Gaeumannomyces graminis, Sclerotina 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>
HELIOSUFRE	ACTION PIN	Sulphur 52,4 %
HIDRO-CUP ® WG	QUIMETAL INDUSTRIAL	<p><b>Arable- / Vegetable crops and fruits:</b> Xanthomonas sp., Pseudomonas syringae sp., Phytophthora sp., Nectria sp.</p> <p>Copper hydroxide 81,3 %</p> <p><b>Application only in fruit, wine and hop production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b></p>
Kumar	Certis Europe Deutschland	<p><b>Apples:</b> Scab (<i>Venturia spp.</i>)</p> <p><b>Gravevine (vine- and table grapes):</b> Powdery mildew (<i>Uncinula necator</i>)</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>
Kumulus WG	BASF SE	<p><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</p> <p>Sulphur 800 g/kg</p> <p>Approval number: 052273-00</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>
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>

Tradename	Company	Application areas, Comments
Netzschwefel Stulln	agrostulln	<b>Wine, fruit, vegetable cultivation:</b> Powdery mildew, reduction of spider mites (fruit cultivation) Sulphur 800 g/kg Approval number: 050006-00
NORDOX 75 WG	NORDOX	<b>Banana:</b> Black Sigatoka ( <i>Mycosphaerella</i> ) <b>Citrus plants:</b> Citrus canker ( <i>Xanthomonas axonopodis</i> ) <b>Avocado:</b> Anthracnose ( <i>Colletotrichum gloeosporioides</i> ) <b>Vegetables:</b> Mildew, Alternaria, Cercospora, <i>Xanthomonas</i> , <i>Erwinia</i> , Septoria <b>Cocoa:</b> Black pod disease ( <i>Phytophthora</i> ) <b>Coffee:</b> Coffee leaf rust ( <i>H. vastatrix</i> , <i>Pseudomonas syringae</i> ) 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>
PRESTOP	Comercial Química Massó	<b>Cucumber:</b> <i>Didymella bryoniae</i> <b>Tomato, pepper, cucumber, seedbeds, ornamental plants:</b> <i>Botrytis</i> , <i>Fusarium</i> , <i>Phytophthora</i> , <i>Phythium</i> , <i>Rhizoctonia</i> <b>Aromatic herbs:</b> <i>Fusarium</i> , <i>Phytophthora</i> , <i>Phythium</i> , <i>Rhizoctonia</i> <i>Gliocladium catenulatum</i> 32 % Approval number: 25.736 (MAPAMA, Spain)
Prestop	Biofa	<b>Fruit vegetable crops:</b> <i>Pythium</i> species ( <i>Pythium</i> spp.), <i>Rhizoctonia</i> spp., <i>Fusarium</i> species, Stem rot of tomato ( <i>Didymella lycopersici</i> ), <i>Botrytis cinerea</i> , <i>Phytophthora</i> species <b>Leaf vegetables, fresh herbs, cabbage vegetables, vegetable crops:</b> <i>Pythium</i> species ( <i>Pythium</i> spp.), <i>Rhizoctonia</i> spp., <i>Fusarium</i> species <b>Ornamental plants:</b> <i>Pythium</i> species ( <i>Pythium</i> spp.), <i>Rhizoctonia</i> spp., <i>Fusarium</i> species, <i>Phytophthora</i> species, <i>Botrytis cinerea</i> <i>Gliocladium catenulatum</i> strain (J1446 100,000,000 CFU/kg) 320 g/kg Approval number: 007495-00
Proradix	SP Sourcon	Fungicide against root killer disease for the reduction of infestation of potatoes <i>Pseudomonas</i> sp. (DSMZ 13134) 5,35 % Approval number: 008952-00
Serenade ASO	Bayer AG	<b>Carrots:</b> <i>Alternaria dauci</i> , <i>Erysiphe heraclei</i> <b>Solanaceae, strawberry, lettuce:</b> <i>Botrytis cinerea</i>  Approval number: 007918-00
Serifel	BASF SE	In arable farming, cultivation of vegetables and fruits (grapes, banana, melon etc.) as fungicide <i>Bacillus amyloliquefaciens</i> 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 ( <i>Mycosphaerella fijiensis</i> ) <b>Avocado:</b> Anthracnose ( <i>Colletotrichum gloeosporioides</i> ), <i>Mycosphaerella Scab</i> <b>Seed crops:</b> <i>Leveillula taurica</i> , <i>Phytophtera infestans</i> <b>Ornamental plants:</b> <i>Oidium neolyopersici</i> , <i>Oidiopsis taurica</i> , <i>Uncinula necator</i> , <i>Erysiphe cichoracearum</i> and <i>E. cichoracearum</i> , <i>Sphaerotilis</i> spp. <b>Arable crops, vegetables, fruits:</b> Downy and powdery mildew and rust Bacteria 97,74 %
		<b>Application only in EU-third countries</b>

Tradename	Company	Application areas, Comments
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)
THIOVIT JET	Syngenta	<b>Fruit cultivation:</b> Scab and powdery mildew fungi, with a reducing effect on spider mites <b>Gooseberry:</b> American powdery mildew of gooseberry ( <i>Sphaerotheca mors-uvae</i> ) <b>Table and wine grapes:</b> Powdery mildew of grapevine ( <i>Uncinula necator</i> ) <b>Pea, cucumber:</b> Powdery mildew ( <i>Erysiphe pisi</i> , <i>Erysiphe cichoracearum</i> , <i>Sphaerotheca fuliginea</i> ) <b>Root and tuber vegetables (outdoor):</b> Powdery mildew fungi <b>Wheat, rye, barley:</b> Powdery mildew of cereals ( <i>Erysiphe graminis</i> ) <b>Outdoor ornamental plants:</b> Powdery mildew fungi <b>Hop:</b> Powdery mildew of hop ( <i>Sphaerotheca macularis</i> ) <b>Oak (seedlings, young plants, forestry):</b> Powdery mildew of oak ( <i>Mycosphaera alphitoides</i> ) Sulphur 800 g/kg Approval number: 050498-00
Trichonativa	Bio Insumos	<b>Citrus, papaya, kiwi:</b> Phytophthora cactorum, <i>P. citrica</i> , <i>P. dreschieri</i> , <i>P. megasperma</i> , <i>P. citrophthora</i> , <i>P. cinnamomi</i> , <i>P. nicotianae</i> , <i>P. cryptogea</i> , <i>P. capsici</i> , <i>P. ,</i> <b>Pome fruit:</b> <i>Botrytis cinerea</i> , <i>Alternaria alternata</i> , <i>Venturia inaequalis</i> <b>Olive, avocado:</b> Phytophthora cactorum, <i>P. citrica</i> , <i>P. dreschieri</i> , <i>P. megasperma</i> , <i>P. citrophthora</i> , <i>P. cinnamomi</i> , <i>P. nicotianae</i> , <i>P. cryptogea</i> <b>Berries:</b> <i>Botrytis cinerea</i> , <i>Phytophthora fragariae</i> , <i>P. citricola</i> , <i>P. citrophthora</i> , <i>P. megasperma</i> , <i>P. cryptogea</i> , <i>P. cactorum</i> , <i>Amillaria mellea</i> <b>Grapevine:</b> <i>Botrytis cinerea</i> , <i>Verticillium albostratum</i> , <i>Chondrostereum purpureum</i> <b>Salad, pepper, chili, tomato:</b> <i>Phytopora capsici</i> , <i>Phytium spp.</i> , <i>Rhizitonia solani</i> , <i>Scierotinia scierotorum</i> , <i>Phytophthora crytoga</i> , <i>P. cinnamoni</i> , <i>Botrytis cinerea</i> <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
VitiSan®	Biofa	<b>Lamb's lettuce, endives, grape vine (use as table and wine grape):</b> Powdery mildew of grapevine ( <i>Uncinula necator</i> ), Powdery mildew fungi Potassium hydrogen carbonate 994,9 g/kg Approval number: 007593-00
WINNER 25 SL	Green Seal	<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 ( <i>Allium sativum</i> ) 10 %, Sugar cane extract 15 % Approval number: 7067 (Ministry of Agriculture, Food and Fisheries, Dom. Rep.)

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

Tradename	Company	Application areas, Comments
EKO POSTFORTE 32.7SL	Iberlatyna Spain	<p>Sigatoka Control, postharvest treatment. Systemic and contact fungicide that increases the formation of phytoalexins (natural defense mechanism)</p> <p>Citrus seed, skin, pulp and juice extract (Citric acid) 28,7 %</p> <p>Approval number: 5305 (Dominican Republic)</p> <p><i>EKO POSTFORTE 32.7 SL is a systemic and contact fungicide-bactericide allowed to be used in postharvest treatments</i></p>
NICATE GOLD 22.3 EC	CELAGRI	<p><b>Banana:</b> Black Sigatoka</p> <p><b>Aubergine, Cucumber, Tomato, Onion, Lettuce:</b> Powdery Mildew, Downy Mildew, Gray Mold, White mold</p> <p><b>Coffee (Coffea arabica):</b> Coffee Rust (<i>Hemileia vastatrix</i>), Rooster's Eye (<i>Mycena citricolor</i>)</p> <p>Tea tree oil (<i>Melaleuca alternifolia</i>) 22,3 %</p> <p>Registered in Spain, applicable in Dominican Republic and Nicaragua</p>

## 2-1-1-10 Sunflower oil

Tradename	Company	Application areas, Comments
greenline 88	organics Gbr	<p><b>Cultivation of vegetables and fruits:</b> Delia spp., thrips, red spider, white fly, rapeseed beetle, <i>ahis gossypi</i>, apple moth, apple lice (<i>Eriosoma lanigerum</i>), weevil, potato beetle, spider mite, aphids, miner fly, eggs and larvae of biting and sucking insects</p> <p><b>Elderberry:</b> Aphids, spider mites, red spider, white fly</p> <p><b>Viticulture:</b> Mites, gall mites, red spiders, eggs and larvae of biting and sucking insects, aphids, white fly</p> <p><b>Crop cultivation:</b> Aphids, white fly, potato beetles, spider mites, red spiders, eggs and larvae of biting and sucking insects</p> <p><b>Ornamental plants:</b> Mealy bugs, scale insects. Eggs and larvae of biting and sucking insects</p> <p>Sonnenblumenöl</p>

## 2-1-2 Copper-based products

Tradename	Company	Application areas, Comments
KOCIDE OPTI	CERTIS Europe Spanien	<p><b>Stone fruits:</b> Bacteriosis</p> <p><b>Apple:</b> Bacteriosis, Monilia</p> <p><b>Cucumber:</b> Bacteriosis</p> <p><b>Eggplant:</b> Alternaria, Anthracnose</p> <p><b>Melon:</b> Alternaria, Anthracnose, Bacteriosis</p> <p><b>Tomato:</b> Alternaria, Anthracnose, Bacteriosis</p> <p><b>Salad:</b> Alternaria, Anthracnose, Bacteriosis</p> <p>Copper hydroxide 30 %</p> <p>Approval number: 23436 (MAPAMA, Spain)</p> <p><b>Application only in pome fruit and stone fruit. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b></p>

## 2-1-2-1 Copper hydroxide

Tradename	Company	Application areas, Comments
KDOS	CERTIS Europe Spanien	<p><b>Citrus, stone fruit, pome fruit, olive:</b> Mildew, <i>Taphrina deformans</i>, Bacteriosis, Monilia, <i>Stigmina C.</i>, Scab, Endophytes fungi, Phytophthora</p> <p>Copper hydroxide 35 %</p> <p>Approval number: 22002 (MAPAMA, Spain)</p> <p><b>Application only in fruit, wine and hop production. Quantity limitations 3 kg Cu/ha on the average of the last 5 years</b></p>

## 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)
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

## 2-1-4 Micro-organisms

Tradename	Company	Application areas, Comments
Mamull	Bio Insumos	<b>Apple, pear, grapevine, cherry, plum, 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
PMV-01	DCM	<b>Tomato:</b> Pepino Mosaic Virus Pepino mosaic virus (Strain CH 2) $5 \times 10^5$ / $\mu\text{L}$ Approval number: 008887-00

## 2-2 Insecticides and acaricides

Tradename	Company	Application areas, Comments
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>
ALIGN	Sipcam	<b>Apple tree, citrus plants, pome fruits:</b> Mites, fruit flies, mealy bugs, aphids, caterpillars, philaenus spumarius <b>Vegetables:</b> Mites, fruit flies, mealy bugs, aphids, caterpillars, moths, white flies <b>Ornamental plants:</b> Mealy bugs, caterpillars, fruit flies, white flies, philaenus spumarius Azadirachtin 3,2 % Approval number: 23291 (MAPAMA, Spanien)

Tradename	Company	Application areas, Comments
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)
BETK-03	Bio Insumos	<b>Apple, pear:</b> Cydia pamonella <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 thruringiensis 1,81 % Product available in Chile
Botanigarid	CERTIS Europe Spanien	<b>Strawberry:</b> Spider mite <b>Cucurbits, vegetables:</b> Whilte fly <b>Lettuce:</b> Blattläuse Beauveria bassiana 10,7 % Approval number: 22648 (MAPAMA, Spain)
BREAKER MAX	CERTIS Europe Spanien	<b>Cucurbits, fruiting vegetables:</b> White fly <b>Stone fruits, Lettuce, Escarole:</b> Aphids Pyrethrins 4 % Approval number: ES-00242 (MAPAMA, Spain)
Capex® 2	Biofa	<b>Fruit cultivation / pome fruit:</b> Summer Fruit Tortrix Fruit tree tortrix-Granulovirus 5 g/l Approval number: 034149-00
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 (MAPAMA, 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
HELICOVEX	Andermatt	<b>Vegetables, maize, tobacco, ornamental plants, minor crops:</b> Cotton bollworm ( <i>Helioverpa armigera</i> ) <i>Helicoverpa armigera</i> nucleopolyhedrovirus (HearNPV-BV0003) 7,5x10 <sup>12</sup> OB/L Approval number: ES-00181 MAPAMA (ESP), 14428 salute.gov. (ITA), 2140094 ANSES (FRA), 14362 minagric (GRC), (BGR)
IVENOL	Comercial Quimica Massó	<b>Citrus:</b> Aphids, scales, mites <b>Pome trees, stone fruits:</b> Mites Paraffin oil 79 % Approval number: 13.847 (MAPAMA, Spain)
KENPHYR	BIAGRO	<b>Horticulture, herbs:</b> Insects, ants Pyrethrin 4 % Approval number: 25.297 (MAPAMA, Spain)
KENPYR	BIAGRO	<b>Tomato, Aubergine, Pepper:</b> White fly, aphids Pyrethrin 2,14 %, Soybean oil 78,72 % Approved in Spain, Italy, France, Cyprus

Tradename	Company	Application areas, Comments
Lepinox Plus	e-nema	<p><b>Apple, pear:</b> Sommer fruit tortrix (<i>Adoxophyes orana</i>), Brown fruit tree tortrix (<i>Archips podana</i>)</p> <p><b>Strawberry:</b> Owlet moths</p> <p><b>Wine grape:</b> Vine moth and European grapevine moth (1st. and 2nd. generation)</p> <p><b>Turnip, broccoli, cabbages:</b> Diamondback moth, owlet moth, cabbage white butterfly</p> <p><b>Bush beans, peas, summer- and cultivated squash, calabash, zucchini, celeriac, celery, mangold, chicory, fennel, root parsley, spinach, salad-species, tomato:</b> Owlet moths</p> <p><b>Hop:</b> European corn borer</p> <p>Bacillus thuringiensis kurstaki (Strain EG 2348) 15 %</p> <p>Approval number: 008449-00</p> <p><i>Further recommendations for use on the company website. No waiting period</i></p>
MADEX TOP	Andermatt	<p><b>Pome fruit:</b> Codling moth (<i>Cydia pomonella</i>)</p> <p><i>Cydia pomonella</i> Granulovirus (DSMZ GV0013) 3 x 10<sup>13</sup> OB/L</p> <p>Approval number: AT, CZ, FR, GR, IT, NL, PT, SK, ES, UK</p>
MADEX TWIN	Andermatt	<p><b>Pome fruit:</b> Codling Moth (<i>Cydia pomonella</i>), Oriental Fruit Moth (<i>Grapholita molesta</i>)</p> <p><b>Stone fruit:</b> Oriental fruit moth (<i>Grapholita molesta</i>)</p> <p><i>Cydia pomonella</i> Granulovirus (DSMZ GV0014) 3 x 10<sup>13</sup> OB/L</p> <p>Approval number: FR, AT, IT, ES</p>
Madex® MAX	Biofa	<p><b>Fruit cultivation, pome fruit:</b> Codling moth</p> <p>Codling moth - Granulovirus Isolate GV-0006 6,24 g/l</p> <p>Approval number: 006903-00</p>
Met52® Granulat	Novozymes	<p><b>Berries, ornamental plants:</b> Vine beetle (<i>Otiorhynchus sulcatus</i>)</p> <p><i>Metarhizium anisopliae</i> var. <i>anisopliae</i> (Strain F52) 2 %</p> <p>Approval number: 007460-00</p> <p><i>Active agents with a minimum content of 9 x 10<sup>11</sup> CFU/kg</i></p>
Naturalis®	e-nema	<p><b>Aubergine, fruit vegetables under glass, vegetable paprika, cucumber, tomato, ornamental plants:</b> White fly</p> <p><i>Beauveria bassiana</i> strain (ATCC 74040) 23 million spores/ml</p> <p>Approval number: 007198-00</p>
Neem Plus Schädlingsfrei	Neudorff	<p><b>Ornamental plants in green houses, offices, rooms and on balconies:</b> Aphids, scale-species, spider mites (Tetranychide), thrips, white flies</p> <p>Azadirachtin 0,127 %, Rapsöl 94,152 %</p> <p>Approval number: 006892-00</p>
NeemAzal®-T/S	Trifolio-M	<p><b>Cultivation of field crops, fruits, vine, vegetables and ornamental plants:</b> Sucking, biting and leaf-mining insects</p> <p>Azadirachtin A 1 %</p> <p>Approval number: 024436-00</p>
NeemPro@tect	Trifolio-M	<p><b>Oak trees:</b> Oak processionary moth (<i>Thaumetopoea processionea</i> L.)</p> <p>Margosa-Extract</p> <p>BAuA-No.: DE-0011980-18 (Biocide)</p> <p><i>Biocide of the product group 18 for the prevention of health hazards on public and/or private grounds</i></p>
Neudosan Neu	Progema	<p><b>Cultivation of vegetables, fruits and ornamental plants:</b> Sucking insects, aphids, white flies, spider mites</p> <p>Potash soap of natural fatty acids 515 g/l</p> <p>Approval number: 024207-60</p>
NITRUR FRUTAGEN	S. ANDO Y CIA.	<p>Bacillus thuringiensis var <i>Aizawai</i> 3 %</p> <p>Approval number: 36.099 (SENASA, Argentina)</p>

Tradename	Company	Application areas, Comments
Novodor® FC	Biofa	<b>Crop cultivation:</b> Potato beetle Bacillus thuringiensis subsp. tenebrionis 20 g/kg Approval number: 033972-00
OLEAT BIO	Tratamientos Bio-Ecologicos	<b>Citrus, olive, vine, vegetable:</b> Aphids, white fly, spider mites Potassium soap 26 % Approval number: 22.814 (MAPAMA, Spain)
PIRECRIS	SEIPASA	<b>Lettuce:</b> Nasonovia Ribisnigri, Myzus Persicae Hyperomyzus <b>Spinach:</b> Aphis Fabae <b>Tomato, aubergine:</b> Bermisa tabaci, trialeurodes vaporariorum <b>Pepper:</b> Mycus Persicae, Aphis Gossypii Pyrethrum extract 4 % Approval number: ES00225 MAPAMA (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) 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. Highly effective insecticide</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 8,0 g/l Approval number: 006408-62 <i>Insecticide for the control of adult moths</i>
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
TRIAC	Servalesa	<b>Fruit trees:</b> Aphids, white fly, thrips <b>Vegetables:</b> Aphids, white fly, thrips Pyrethrin 4 % Approval number: 25.297/19 (MAPAMA, Spain)
Turex	Certis Europe Deutschland	<b>Vegetables and ornamental plants:</b> Freely eating butterfly caterpillars Bacillus thuringiensis ssp. aizawai 50 % Approval number: 007638-00

Tradename	Company	Application areas, Comments
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
ZENITH	Sipcam	Azadirachtin 3,2 % Approval number: 24676 (MAPAMA, Spain)

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

### 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 (MAPAMA, Spain)

## 2-2-4 Micro-organisms

Tradename	Company	Application areas, Comments
Coraza	Bio Insumos	<b>Tomato, apple, cherry, blueberries, kiwi, grapevine:</b> Stimulates plant growth and builds a barrier against cuts Bacillus licheniformis 3,3 x 10 <sup>7</sup> CFU/ml, Bionectria ochroleuca 3,3 x 10 <sup>7</sup> CFU/ml, Hypocrea virens 3,3 x 10 <sup>7</sup> CFU/ml Product available in Chile

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

Tradename	Company	Application areas, Comments
DELFIN	CERTIS Europe Spanien	<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 85 % Approval number: 19.159 (MAPAMA, Spain)

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

Tradename	Company	Application areas, Comments
TUREX	CERTIS Europe Spanien	<b>Vine:</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 (MAPAMA, Spain)
TUREX 50 WG	CERTIS Europe Spanien	<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 (MAPAMA, 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 Spanien	<b>Forest and not fruit-bearing shrubs, herbaceous plants, trees:</b> Slugs and snails Iron(III) phosphate 2,97 % Approval number: 25696 (MAPAMA, Spain)
Sluxx® HP	Progema	<b>Arable cultures, vegetables, hop, fruit, vine, ornamental plants:</b> Slugs Iron(III) phosphate 2,97 % Approval number: 006683-00

## 2-4 Trapping and mating disruption systems

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

### 2-4-1 Traps and accessories

Tradename	Company	Application areas, Comments
Baumleimring	Aeroxon	<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	Aeroxon	<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

## 2-5 Other products

Tradename	Company	Application areas, Comments
Grisamethrin PYRETHRUM	Schädlingsbekämpfungsprodukte	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
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	<p><b>Orcharding and forestry (hard- and coniferous wood):</b> Repellent against red deer, fallow deer and sika deer</p> <p><b>Orcharding, ornamental plant cultivation and forestry (hard- and coniferous wood):</b> Repellent against beaver, hare and wild rabbit</p> <p>Quartz sand</p> <p>Approval number: 043444-60</p>
Wöbra	Flügel	<p><b>Fruit trees:</b> Red-, fallow- and sika deer</p> <p><b>Ornamental plants:</b> Beaver, wild rabbit, hare</p> <p><b>Ornamental conifers- and deciduous plants, coniferous- and deciduous trees:</b> Red-, fallow- and sika deer, beaver</p> <p>Quartz sand 48 %</p> <p>Approval number: 043444-00</p> <p><i>Against stripping damage through red-, fallow- and sika deer, or stripping- and gnawing damage through beavers on coniferous- and hard wood</i></p>

### 2-5-4 Other repellents

Tradename	Company	Application areas, Comments
Schnexagon®	Solvoluta	<p>Against terrestrial snails, especially spanish slug (<i>Arion lusitanicus</i>). Control by a coat on vertical barriers</p> <p><i>Only surfactants (and concentrations) approved by the cosmetic sector and ecologically harmless are used</i></p>
SURROUND WP CROP PROTECTANT	Tessenderlo	<p><b>Apple, plum, cherry, peaches, pear:</b> Psylla pyrie, Dysaphis plantaginea, Myzus persicae, Myzus verasi, Brachycaudus helichrysi</p> <p><b>Citrus fruits:</b> Ceratitis capitata</p> <p><b>Olive:</b> Dacus oleae, Prays oleae</p> <p><b>Grapevine:</b> Frankliniella occidentalis</p> <p>Aluminium silicate (kaolin) 950 g/kg</p> <p><i>The product contains 95% of calcined kaolin and 5% of food additive</i></p>

### 2-5-7 Protection of stored products

Tradename	Company	Application areas, Comments
Aco.fog PY BIO	acotec	<p><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 Pyrethrum (25 %) 32 g/l BAuA-No.: N-39256 (Biocide)</p>
Aco.mat PY BIO 300	acotec	<p><b>Storage and processing rooms; for void spaces treatment:</b> Self-nebulizer (spray can) for combating flying and crawling harmful insects such as moths, beetles, flies, cockroaches Pyrethrum (25 %) 63 g/l BAuA-No.: N-35418 (Biocide)</p>
Aco.sol PY BIO	acotec	<p><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 Pyrethrum (25 %) 16 g/l BAuA-No: N-13638 (Biocide)</p>

Tradename	Company	Application areas, Comments
BraconTop® Bracon hebetor (Habrobracon hebetor), Mehlmottenschlupfwespe, Brackwespen	AMW	<b>Stock and harvested goods, warehouse, void space:</b> Stock damaging moths such as dried fruit moths, flour moth i.a., wax moths in beehives and bumble bee nests
Cephalonomia tarsalis Schlupfwespen; Getreide-Plattkäfer-Ameisenwespchen	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Sawtoothed grain beetle ( <i>Oryzaephilus surinamensis</i> ) 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 CEPHITOP Cephalonomia tarsalis
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 m<sup>2</sup> 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 8,0 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 Natural pyrethrins (25 %) 16 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 m<sup>2</sup> 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> Grain- and bean weevil, bread beetle i.a. and harmful beetles such as spider- and golden spider beetles (half-timbered houses etc.)
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

Tradename	Company	Application areas, Comments
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. Natural pyrethrins 4 g/l BAuA-No.: N-10865 (Biocide)
PISTAL	ARIES	<b>Storage room; for void space treatment:</b> Flying and crawling harmful insects Pyrethrum (50%) 1,4 % BAuA-No.: N-18667 (Biocide)
Pyredi® Insektenkiller Diagnosespray	Reinelt & Temp	<b>Storage room; for void space treatment:</b> Flying and crawling harmful insects Natural pyrethrum (50%) 22,5 g/l BAuA-No.: N-15401 (Biocide) <i>Application: aerosol can / non-combustible propellant gas</i>
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 dried fruit moths, grain moths, 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, dried fruit moths, mediterranea 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 ( <i>Mycosphaerella fijiensis</i> ) Cinnamon oil 30 % <i>Protection against black sigatoka in banana</i>
BANADAK	SAS	<b>Banana:</b> Black Sigatoka ( <i>Mycosphaerella Fijensis</i> ) 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>

Tradename	Company	Application areas, Comments
BREAK-THRU® eco	Evonik	<b>Arable farming, cultivation of fruits and vegetables:</b> In combination with plant protection agents Mixture of fatty acid esters Approval number: A137-00 <i>Additive for better distribution and use of plant protection products and foliar fertilisers</i>
BREAK-THRU® SP 133	Evonik	<b>Arable farming, cultivation of fruits and vegetables:</b> In combination with plant protection agents Mixture of fatty acid esters Approval number: 8399-00 <i>Additive for better distribution and use of plant protection products and foliar fertilisers</i>
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 (<i>Erwinia amylovora</i>)</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-protec	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>
Flavonin® Agro Wet 50	Clean Nature	Wetting and adhesive agent for all cultures Pflanzenöle < 15 %, Polyphenole < 5 %, Tenside < 10 % Approval number: 8955-00
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	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

Tradename	Company	Application areas, Comments
Retenol	DAYMSA	For all cultures. Improves the effectiveness of treatments Pine oil <i>Retenol enhances the quality and effectiveness of foliar 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 ( <i>Bacillus thuringiensis</i> ), 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 spreading on the plant Fatty alcohol ethoxylate 8,1 % Approval number: 6217-00

#### 2-5-10 Basic substances

Tradename	Company	Application areas, Comments
MILES	Servalesa	<b>Fruit:</b> Venturia inaequalis, Powdery mildew, Podosphaera leucotricha, Taphrina deformans <b>Vine:</b> Downy mildews, powdery mildews, Erysiphe necator <b>Cucumber:</b> Powdery mildews, root fungi <b>Tomatoes:</b> Alternaria solani, Septoria lycopersici <i>Equisetum Arvense L.</i> 2 % Product available in Spain

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

Tradename	Company	Application areas, Comments
Milagrum Plus	GRUPO AGROTECNOLOGÍA	<b>Fruit trees, grapevine, vegetables:</b> Mildew, Downy mildew Soybean extract

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

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

## 2-6 Beneficials

Tradename	Company	Application areas, Comments
LARIO/ANISOP-Mix	AMW	<b>Stock and harvested goods, warehouse, void space treatment:</b> Protection of stock- and harvested goods in the warehouse, void spaces (grain- and bean weevil, bread beetle i.a.) and harmful beetles such as spider- and golden spider beetles (half-timbered houses etc.) <i>Lariophagus distinguendus / Anisopteromalus calandrae</i>
Optibox	UFA-Samen Nützlinge fenaco	<b>Maize:</b> Combat of european corn borer in crop cultivation Trichogramma brassicae > 200.000/ha / 2000/Optibox
Optikugel	UFA-Samen Nützlinge fenaco	<b>Maize:</b> Combat of european corn borer in crop cultivation Trichogramma brassicae > 200.000/ha / 1000/Optikugel
TrichoKarte® / TrichoKugel® MAIS	AMW	<b>Maize, sweetcorn, pepper:</b> European corn borer Trichogramma brassicae <i>For the biological control of the european corn borer</i>
TrichoKarte® Gewächshaus	AMW	<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 Trichogramma brassicae, dendrolimi, cacoeciae
TRICHOSAFE Anhänger	BIOCARE	<b>Maize, pepper:</b> European corn borer, parasitisation of the eggs, application: once or twice. Appointment shall be determined by the official consultancy services Trichogramma brassicae 220 tsd/ha
TRICHOSAFE Kugel	BIOCARE	<b>Maize, pepper:</b> European corn borer, parasitisation of the eggs, application: once or twice. Appointment shall be determined by the official consultancy services Trichogramma brassicae 220 tsd/ha

### 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 Steinerinema carpocapsae, entomopathogenic nematodes <i>Packages with 10, 50, 250 and 500 million nematodes</i>
Nemasys® F	BASF SE	<b>Ornamental plants:</b> Fungus gnats ( <i>Bradysia</i> spp.), western flower thrips ( <i>Frankliniella occidentalis</i> ), miner moths <b>Mushroom production:</b> Fungus gnats ( <i>Lycoriella</i> spp.) Steinerinema felatiae 90 % <i>Useful nematodes for controlling harmful insects in the production of ornamental plants and mushrooms</i>
Nematode S	Dudutech	Phasmarhabditis hermaphrodita 1 % <i>Nematode S is a 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> Otiorhynchus larvae Heterorhabditis bacteriophora, entomopathogenic nematodes <i>Packages with 10, 50, 250 and 500 million nematodes</i>

## 2-6-6 Parasitic wasps

Tradename	Company	Application areas, Comments
Cephalonomia tarsalis Schlupfwespen; Getreide-Plattkäfer-Ameisenwespchen	Biologische Beratung	<b>Stock and harvested goods, warehouse, void space:</b> Sawtoothed grain beetle ( <i>Oryzaephilus surinamensis</i> ) Cephalonomia tarsalis <i>One unit for 10 m<sup>2</sup> of empty space or one unit for 15 t poured grain</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>

## 2-6-6-6 Trichogramma species

Tradename	Company	Application areas, Comments
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>

### 3 Plant strengtheners

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

Tradename	Company	Composition	Applications, Comments
Bio-Pflanzenspray für pilz-anfällige Pflanzen	Schacht	Potassium silicate preparation	Fruit trees, wine, other perennial woods: For health preservation of plants sensitive to fungi  listing number: 026737-00/00
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
Mineral™ Green	AS AN	Sea water, well water	Dilute mineral in water: Concentration 4 %. Absorption through the roots  listing number: 008236-00/00
Mineral™ Red	AS AN	Sea water, well water	Dilute mineral in water: Concentration 6 %. Spray on leafs. Absorption through the leafs. Blossoms can be sprayed as well  listing number: 008238-00/00
Mineral™ Yellow	AS AN	Sea water, well water	Dilute mineral in water: Concentration 6 %. Spray on leafs. Absorption through the leafs. Blossoms can be sprayed as well  listing number: 008237-00/00
Myco-Sin®	Biofa	Stone meal-plant extract-preparation	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	Stone meal-plant extract-preparation	Viticulture: Prevention of downy mildew (Peronospora), red fire disease and black spot disease  listing number: 005658-00/00
PottaSol	Biofa	Potassium silicate	Viticulture: For more resistant leafs 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>

Tradename	Company	Composition	Applications, Comments
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
<b>3-2 Plant strengtheners on organic basis</b>			

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
<b>Alginure Amin</b>			
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>
<b>Aminosol-PS®</b>			
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
<b>Aromatische Pflanzenpflege® Dr. Gümbel - BLATTPFLEGE</b>			
Aromatische Pflanzenpflege® Dr. Gümbel - BLÄTTERPFLEGE	BIO-COSMETIC S	Ethanol, water, blend of essential oils	All cultures: Depending on culture 150-300 ml/ha in 1000-fold dilution with water  listing number: 024945-00/00 <i>For strengthening the leaf function in vegetable- and fruit cultivation, viticulture, arable farming and of ornamental plants</i>
<b>Aromatische Pflanzenpflege® Dr. Gümbel - BLÜTENPFLEGE</b>			
Aromatische Pflanzenpflege® Dr. Gümbel - BLÜTENPFLEGE	BIO-COSMETIC S	Ethanol, water, blend of essential oils	All cultures: Depending on culture 150-300 ml/ha in 1000-fold dilution with water  listing number: 025070-00/00 <i>For strengthening the blossom function of vegetable- and fruit cultivation, viticulture, arable farming and of ornamental plants</i>
<b>Aromatische Pflanzenpflege® Dr. Gümbel - WURZELPFLEGE</b>			
Aromatische Pflanzenpflege® Dr. Gümbel - WURZELPFLEGE	BIO-COSMETIC S	Ethanol, water, blend of essential oils	All cultures: Depending on culture 150-300 ml/ha in 1000-fold dilution with water  listing number: 025069-00/00 <i>For strengthening the root function in vegetable- and fruit cultivation, viticulture, arable farming and of ornamental plants</i>
<b>Baumharz warmflüssig</b>			
Baumharz warmflüssig	Nenninger	Resin	Fruit- and ornamental trees: Wound closure  listing number: 007984-00/00
<b>Baum-Pflaster</b>			
Baum-Pflaster	Schacht	Resin	Fruit- and ornamental trees: Wound closure  listing number: 026553-00/00

Tradename	Company	Composition	Applications, Comments
Baumwachs Brunonia	Schacht	Resin	Fruit- and ornamental trees: Wound closure and grafting  listing number: 007771-00/00
Baumwachs-Sprüh-Verband	Schacht	Resin	Fruit- and ornamental trees: Wound closure and grafting  listing number: 036552-00/00
Bio-Pflanzenspray mit Rainfarn & Wermut, Stärkungsmittel-Konzentrat	Schacht	Extract from tansy and wormwood	listing number: 007994-00/00 <i>For health preservation of plants susceptible to pests</i>
Bio-Pflanzenspray mit Schachtelhalm & Hafer, Stärkungsmittel-Konzentrat	Schacht	Extract from common horsetail and oat	listing number: 007995-00/00 <i>For health preservation of plants susceptible to powdery mildew</i>
Bio-Pflanzenspray Zimmerpflanzen	Schacht	Aqueous extract from horseraddish and oat	Indoor plants: For health preservation of plants susceptible to pests and fungi  listing number: 008223-00/00
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	Plant extract preparation	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
Herbagreen 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	Eggplant, berry, salad, tomato: Elevation of yield and quality  listing number: 026804-00/00
Kanne Bio Brottrunk für Pflanzen	Kanne	Water, organic wheat, organic rye, organic oat	Fruit cultivation, vegetable cultivation, viticulture  listing number: 025232-00/00
Kanne Bio Fermentgetreide flüssig für Pflanzen	Kanne	Water, organic rye, organic wheat, organic oat	Cultivation of crops and cereals, flowers, soil treatment, cultivation of vegetables  listing number: 025231-00/00

Tradename	Company	Composition	Applications, Comments
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: 0125102-00/00
mOlnasa®	Hannß	Whey powder for spraying, naturally sour	Plant strengthening for all cultures  listing number: 025267-00/00
Myco-Sin® VIN	Biofa	Stone meal-plant extract-preparation	Viticulture: Prevention of downy mildew (Peronospora), red fire disease and black spot disease  listing number: 005658-00/00
SOJALL VITANA	SOJALL	Lactic Acid, hydrogen peroxide < 5 %, sorbic acid, silicon dioxide	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)
Trimona Baumwachs	Schacht	Resin	Fruit- and ornamental trees: Wound closure and grafting  listing number: 007896-00/00
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
Bioplantol 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
Bioplantol H forte NT	Bioplant	Homoeopathic preparation	Hops: For general health preservation, regeneration and strengthening of hops against fungal diseases  listing number: 024742-00/00

Tradename	Company	Composition	Applications, Comments
Biplantol mykos v forte	Bioplant	Homoeopathic preparation	All crops, e.g. fruits, vegetables (potatoes, tomatos, 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 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
Greengold	Phytosolution	D30 from Ca, K, Mg, B, Se, Co, Cu, Mn, Mo, Fe, Zn, germanium, silica, glucuronic - and gray humic acids, polysaccharides, glucanes, xylose, olivine, worm humus and diverse plant extracts	All cultures, soil, manure, compost: Health preservation of the plants (in combination with VigoSol). For augmentation and activation of microbe preparations (VigoSol), improvement of the soil structure  listing number: 024955-00/00
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
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
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
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
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
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
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

#### 4-1-1 Acidic products

Tradename	Company	Applications	Composition, Comments
ANTI-GERM® REMINOX	Kersia	Cleaning agent for the milk- and food processing industry (milking mashines, milking plants); 0,5 %, 40-60°C	Peracetic acid 1,8 % certified by DLG BAuA-No.: N-73402
BioProNatur Reinigung	BioPro Natur	Cleaning of floors, tiles, machines, equipment, facilities in animal husbandry. 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>
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
Diemolan sauer	Diemer	Acidic cleaning agent for milking plants	Acetic acid 20 %, Citric acid 5 %
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
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 REACH: 17-2120084337-51-0000 <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 % certified by DLG REACH: 17-2120084337-51-0000
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
eimü® TecSolution-Des	Eimermacher	Intermediate milking cluster disinfection based on lactic acid	L-(+)-lactic acid 76,2 % BAuA-No.: N-68225
Ökoron® 18	FINK TEC	Milking plants and milking equipment	Nitric acid 8 %, Peracetic acid 2,5 % BAuA-No.: N-73111, N-73934

Tradename	Company	Applications	Composition, Comments
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 %
Bio Tec Öko MS	Bio Tec	For acidic cleaning of milking systems. Suitable for rinsing mashines, milking pipelines, milk cooling tanks and for manual cleaning	Formic acid 0,085 %, Glycolic acid 0,06 %, Lactic acid 1 %, Sulphuric acid 28,8 % <i>Acidic surfactant containing liquid concentrate to use as milking system cleaner</i>
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 %
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>
Purin ST	DeLaval GmbH	Acidic cleaning agent for milking equipment and cooling tanks. For professional use only	Nitric acid (40-50 %) 88,2 %
Wofasteril® MZ	KESLA PHARMA	Cleaning agent for rinsing milking equipment	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG REACH: 17-2120084337-51-0000

#### 4-1-2 Alkaline products

Tradename	Company	Applications	Composition, Comments
alcapur® E Premium	KESLA PHARMA	Buffer additive for odourless and material-saving Wofasteril Premium application (Wofasteril Premium-Kombiverfahren)	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 - also suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 10,5 % <i>Alkaline liquid concentrate for cleaning milking machines and collection containers</i>
CircoPure AFM	GEA Farm Technologies	Chlorine- and QAC-free detergent for CIP-cleaning and milk tanks	Sodium hydroxide < 30 %
DeLaval Chlorine free detergent 25	DeLaval GmbH	For alkaline cleaning of milking machines and milk tanks	Sodium hydroxide 15-30 %
Diemolan alkalisch	Diemer	Alkaline detergent for milking plants	Potash lye 28,5 %

Tradename	Company	Applications	Composition, Comments
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 %
FT 72 CIP	FINK TEC	Cleaning agent for milking equipment: Application concentration 0,5-2 %	Sodium hydroxide 20-30 %
neomoscan FA 28	Dr. Weigert	For cleaning milking machines and milk tanks	Potassium hydroxide 10-20 %, Sodium hydroxide 1-10 %
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
ASIRAL Melkperfekt Bio-A	ASIRAL	For alkaline cleaning of milking plants, milk tanks and milk cooling systems	Caustic soda 65 %
Careox Eiweißlöser	Oekotec	Alkaline cleaner for installations and equipment. Surface cleaning in cheese factories, slaughterhouses, cutting plants and milk plants	Fully decalcified water > 94 %, 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 %
eimü® Alkalit OC	Eimermacher	Liquid detergent for daily cleaning of milking machines and milk cooling tanks	Sodium hydroxide 33 %
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>
Melklauge - Alkalischer ökologischer Reiniger für die Biomilcherzeugung	Christoph Fischer	For the cleaning of milking plants and milk dishes, CIP and cycle cleaning, also as alkaline special cleaner. Dissolves protein, fat and other dirt residues. Application concentration of 0.5 %-1 % at 50-75°C	Methylglycinediacetic acid, Potassium hydroxide, Sodium silicate <i>Alkaline, biodegradable cleaning agent for the dairy industry. Suitable for daily cleaning, high material protection</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>

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

Tradename	Company	Applications	Composition, Comments
AGACLEAN NS	Kersia	Is 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 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 no foam is wanted)</i>
ALDEKOL DES® AKTIV	THESEO	Acidic disinfection agent for surfaces with a great range of activity and strong penetration	Peracetic acid 15,39 % listed by DVG, IHO-listing BAuA-No.: N-12944
AMPHOKAL nicht schäumend	THESEO	System cleaner for livestock watering systems and liquid feeding systems	Potassium hydroxide 50 %
ANTI-KEIM 50	NEOVIA	Disinfection of the stables	Hydrogen peroxide 25-50 % certified by DLG, listed by DVG BAuA-No.: N-61272
BioProNatur Reinigung	BioPro Natur	Cleaning of floors, tiles, machines, equipment, facilities in animal husbandry. 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>
Bonimal H Hydrocare	BayWa	Cleaning and disinfecting agents for drinking systems	Hydrogen peroxide 49,4 % BAuA-No.: N-75535
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 sterizid AS	Calvatis	Surface disinfectant. Disinfection agent for buildings and installations for livestock production	Formic acid 65 % IHO-listing BAuA-No.: N-75057
calgonit sterizid 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 2000	CID LINES	Disinfectant and pH-regulating additive for drinking water	Hydrogen peroxide ca. 20 %, Peracetic acid ca. 5 % BAuA-No.: N-18068, N-60976
CID CLEAN	CID LINES	Disinfectant and system cleaner for common watering systems in the animal production	Hydrogen peroxide ca. 50 % BAuA-No.: N-18070, N-60979

Tradename	Company	Applications	Composition, Comments
DeLaval PeraDis	DeLaval GmbH	Intermediate milking cluster disinfection, disinfection of stables, disinfection of milking plants, 30-100 ml/10 l, ph 0,5 (100 %)	Acetic acid 5-10 %, Hydrogen peroxide 20-30 %, Peracetic acid 5-10 % 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-70458
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>
INDU 5000	THESEO	Cleaning of drinking water systems / drinking lines	Peracetic acid 56 g/l
INTERCLEAN®TW	InterHygiene	Cleaning and disinfection of drinking water systems	Hydrogen peroxide 49,9 % BAuA-No.: N-15948, N-15946
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
Intra Hydrocare	Behn-Meyer	Cleaning and disinfection agent for trough water systems	Hydrogen peroxide 49,4 % BAuA-No.: N-72635
Lerasept® Aktiv	Stockmeier	Cleaning and disinfecting agent for stable surfaces	Peracetic acid 4,94 % IHO-listing BAuA-No.: N-70323
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
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® 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	Molke > 95 % EU Ecolabel tested
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>

Tradename	Company	Applications	Composition, Comments
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
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

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

Tradename	Company	Applications	Composition, Comments
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
Careox Eiweißlöser	Oekotec	Alkaline cleaner for installations and equipment. Surface cleaning in cheese factories, slaughterhouses, cutting plants and milk plants	Fully decalcified water > 94 %, 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
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
Envikal Green	Envisal	Cleaning agent for stables	Lye, Needle soap
MS Foam ECO	Schippers	Cleaning agent	Liquid coco soap 7,5 %
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
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

Tradename	Company	Applications	Composition, Comments
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
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
BTS 9010	Bio Tec	Acid foam cleaner concentrate. Also suitable for the food industry	Lactic acid 5,6 % BAuA-No.: N-76471 <i>Acid foam cleaner with disinfection</i>
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>
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>
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>
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, food- and beverage processing; 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
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 % listed by DVG BAuA-No.: N-58365 <i>Acidic surface disinfection concentrate based on hydrogen peroxide and peracetic acid</i>

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

Tradename	Company	Applications	Composition, Comments
BTS 8000	Bio Tec	Alkaline liquid concentrate for foam cleaning. Also suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %
BTS 9000	Bio Tec	Acid foam cleaner concentrate. Also suitable for the food industry	Citric acid 15-30 %
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>
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>

#### 4-3 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 surfaces 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 AHS Animal House 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
calgosec Stalleinstreu	Calvatis	Stable bedding	Essential oils 0,4 %, Stone meal 99,6 %
Diatomin Streugranulat	Agrinova	Bedding as drying agent in animal stables, granulated; can be applied in combination with other bedding materials. Binds odours	Diatomaceous earth, calcined 65 %, Montmorillonite, calcined 35 % <i>Natural bedding granulate with high absorbency to bind moisture and unpleasant odours. Suitable for all types of animals</i>
DOLOMAG® beach	Rheinkalk Lhoist	For producing a lime-straw-mattress. High lying comfort contributes to the protection of joints and hoofs. Prolongs the stay in cubicles	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	Clinotilolite-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>
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 %
Rakonit ultra	Kohaupt	Stable bedding; can also be used as plumage bath	Bentonite 10 %, Calcium carbonate 90 %

#### 4-3-2 Hygiene 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>1+1 Wofasteril SC super is a two-components-product, consisting of the component Wofasteril SC super and the component alcapur/alcapur E</i>
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 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 no foam is wanted)</i>
alcapur® E Premium	KESLA PHARMA	Buffer additive for odourless and material-saving Wofasteril Premium application (Wofasteril Premium-Kombiverfahren)	Sodium hydroxide 5-25 % <i>Wetting agent free buffer additive for Wofasteril Premium Combi process</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 % BAuA-No.: N-38286
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
biofilMUM S 87	Schneider	Hygienic lime for the animals' staying area	Anhydrite 91 %, Calcium hydroxide 9 % <i>Can be applied in liquid or dry form</i>
BioProNatur Reinigung	BioPro Natur	Cleaning of floors, tiles, machines, equipment, facilities in animal husbandry. 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>
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>

Tradename	Company	Applications	Composition, Comments
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, Hygienekalk für die Tierhaltung	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 Soepenbergs	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>Natural amorphous 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, other odours are neutralized, pH 4,5	Diatomaceous earth
Eucanel®	SaluVet	Hygienisation and improvement of the stable air	Blend of essential oils
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>Bedding lime for all animal species. 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

Tradename	Company	Applications	Composition, Comments
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 and contains calcium and magnesium. 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 %
PigTorf®	Agromed	Soil for rooting for piglets - promotes the natural instinct of piglets to root	Peat 100 %
PiP Water Plus	MSH Moderne Stallhygiene	Super concentrate as drinking water additive for keeping clean water pipes and the permanent removal of a biofilm. Pathogenic germs are repressed	Probiotic Bacillus ferment 100 %

Tradename	Company	Applications	Composition, Comments
Saniblanc® H 15	Rheinkalk Lhoist	For the production of a comfortable and at the same time hygienically active lime-straw-mattress. The hygienic effectiveness was confirmed in the laboratory	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)
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 REACH: 17-2120084337-51-0000 <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>
Z dry	Olmix - PRP	Germ-inhibiting and drying bedding powder to scatter the lying- and walking areas of the livestock. Non-irritant, binds ammonia	CaCO3, MgCO3 32,5 %, Dried plant powder 0,1 %, Sawdust 15,98 %, Sepiolite, montmorillonite 46,9 %
ZeoDry	Remmert	Drying of bedding, germ suppression, adsorption of toxins and pollutants, ammonia reduction	<i>The product, which is suitable as a feed additive, is to be marketed under the name ZeoDry for all animal species, in particular poultry, which keep bedding dry</i>
ZGOptiDes	ZG Raiffeisen	Bedding lime for dairy cattle husbandry	Calcium carbonate < 90 %, Calcium hydroxide >10 % BAuA-No.: N-74562
ZorbisanPlus	GEA Farm Technologies	Bedding product	Diatomaceous earth 100 %

#### 4-4 Animal care products

Tradename	Company	Applications	Composition, Comments
BLACKJELLY	Hechenbichler	Gel, tends to cracks, open areas of skin (inner thighs)	Emulgator Lecithin 4 %, Essential oils 3 %, Rock oil 7 %, Verdickungsmittel Xanthan 6 %
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

Tradename	Company	Applications	Composition, Comments
CalciDry	Fels-Werke	Stroh-Liegebox (Tiefbox)	Calciumcarbonat 79 %, Siliciumdioxid 10,3 %
Calzeo Kalk-Tonmineral	Calzeo	Straw bed box	Calcium magnesium carbonate 62-86 %, Silicon and aluminium oxide 8-26 %
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
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
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	
BLACKJELLY	Hechenbichler	Gel to support the veterinary treatment, softens hardend 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
calgodip D 5000	Calvatis	Udder dip- and care product, contains iodine	Iodine 0,5 % IHO-listing BAuA-No.: N-31266 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>

Tradename	Company	Applications	Composition, Comments
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>
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.: N-54669
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 7,8 %
Qusan	Diemer	Udder care / skin protection	Calendula extract 1 %, Dinkula 35 %, Lavender extract 1 %, Organic apple vinegar 40 %, Propolis extract 1 %

#### 4-5-1 Teat dips

Tradename	Company	Applications	Composition, Comments
AloeDipp Bio	EM Technologie-zentrum	Teat dip for teat and skin care	<i>Top 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 medicine	Iodine 0,25 % 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	Calvatis	Udder dip- and care product, iodine-free	Lactic acid 1,2 % IHO-listing BAuA-No.: N-26542
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

Tradename	Company	Applications	Composition, Comments
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
calgodip D 3000	Calvatis	Teat dip	iodine 0,3 % IHO-listing BAuA-No.: N-28225 <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 <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
cdDipp forte	cd Vet	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>
DeLaval Prima	DeLaval GmbH	Teat care product for dipping or spraying for the application after milking, pH 3,5	Hydrogen peroxide (30%) 1,667 %, Lactic acid (80%) 0,4 %, Salicylic acid 0,175 % certified by DLG BAuA-No.: N-67688
DermaPré F	GEA Farm Technologies	Foaming udder dip product for cleaning and care of the teats before milking	Lactic acid 2,4 %
DESINTEC® MH-LactiFilm	AGRAVIS	Disinfecting barrier dip product. Contains protection from flies and valuable care components. Forms a long lasting protective film	Lactic acid 2,06 % certified by DLG BAuA-No.: N-23207
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® Barriere-Dip	Eimermacher	Solution to immerse teats, ready for use	Calendula extract < 1 %, Glycerin < 1 %, L-(+)-lactic acid 1-5 %, Polyvinyl alcohol < 1 %
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>

Tradename	Company	Applications	Composition, Comments
eimü® Doppeldip 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® Dry-Dip	Eimermacher	External teat sealer for protection during the non-lactating period. The film holds on for 3 to 7 days	Ethyl acetate 7,5 %, L-(+)-lactic acid 0,1 %
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® Prema-Clean	Eimermacher	Intensive cleaning and care of the teats before milking. Increases udder stimulation	Lactic acid 5 % BAuA-No.: N-62852
FINK - Hexi Dip 50	FINK TEC	Dipping agent based on chlorhexidine digluconate for disinfection after milking	Chlorhexidine digluconate 0,5 % BAuA-No.: N-50259
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 - Io 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 - Io 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 - Io 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>

Tradename	Company	Applications	Composition, Comments
FINK - Io 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 %
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
HM VIR BLAU	Kersia	Teat disinfection after milking	L-(+)-Lactic acid 2 %, Salicylic acid 0,099 %  BAuA-No.: N-41271, N-41270
HM VIR FILM	Kersia	Teat disinfection after milking	L-(+)-Lactic acid 2 %, Salicylic acid 0,099 % certified by DLG BAuA-No.: N-27464
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>
Io-Shield® D	Ecolab	Disinfecting barrier dip for the application after milking	PVP-iodine 0,14 % certified by DLG BAuA-No.: N-29548  <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.: N-55050  <i>The product has bactericide and yeasticidal effect. Can be used as a teatdip for all milking animals after milking</i>

Tradename	Company	Applications	Composition, Comments
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 disinfection agent and barrier dip product for the application after milking. Special care properties, pH 3,5	Allantoin < 1 %, Lactic acid 3,5 %, Lanolin 4 %, Sorbitol 8 % BAuA-No.: N-46501
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>
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>

Tradename	Company	Applications	Composition, Comments
MS UdderCare Magenta	Schippers	Teat disinfectant	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.: N-45618 <i>Has bactericide and yeasticidal effect; is used as dip or spray after milking</i>
Oxy-Foam© D	Ecolab	Active foam for precleaning the udder and teats	Lactic acid 1,49 %  BAuA-No.: N-45450
PREFOAM+	Kersia	Teat disinfection before milking	Lactic acid 2 %, Salicylic acid 0,099 %  BAuA-No.: N-40008
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 % 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
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: Dipp-Film forms a caring and protecting film on the teat, undiluted application after every milking	Aloe vera 0,01 %, Dexpanthenol 0,7 %, Glycerol (85%) 5 %, natural film forming agent 1 %, PEG Lanolin 0,5 %, Xanthangummi 0,075 %, α-oligoglucane / prebiotic 0,1 % certified by DLG
Sprüh-Lacta-Dipp®	SaluVet	Disinfection of the teats after milking: For application by immersion or spraying, suitable for spraying systems. Ready for use solution	Aloe Vera Powder 0,01 %, anionic polysaccharides 0,5 %, Glycerol 4,9 %, Lactic acid (90 %) 5,4 %, α-Oligoglucan 0,125 % certified by DLG BAuA-No.: N-58019

Tradename	Company	Applications	Composition, Comments
Tri-Fender	DeLaval GmbH	Udder hygiene product for the application after milking. Especially suitable for automatic milking systems with spraying devices	Iodine 0,25 % 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>
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® D	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 D	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
AMACOOL	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>
cdDipp forte	cd Vet	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
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® Hama-Melkfett	Eimermacher	Soothes strained and cracked skin of teats and udder	Hamamelis 0,4 % <i>Is perfectly suited for care of the teats after milking and has proven its value for almost 100 years</i>
eimü® Hygiena-Melksalbe	Eimermacher	Intensive care of the teats. Promotes the regeneration process of skin lesions	Allantoin < 1 %, Petroleum jelly > 94 %
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	cd Vet	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	cd Vet	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

#### 4-10 Other products for cleaning, disinfection and hygiene

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 %
BLI-DES SR Saurer Reiniger	Blidor	Cleaning by hand	Lemon oil, Lemongrass oil
Lerasept® Spezial SR 415	Stockmeier	Surface disinfection by foaming, disinfection of boots and tires	Peracetic acid 1,23 % IHO-listing BAuA-No.: N-70325
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

Tradename	Company	Applications	Composition, Comments
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 %
<b>4-10-1 Other disinfectants</b>			
Tradename	Company	Applications	Composition, Comments
ANTI-GERM® DES ALC	Kersia	Alcoholic, bactericidal and fungicidal disinfectant for rapid disinfection of equipment and surfaces	Ethanol 26 %, n-Propanol 35 % BAuA-No.: N-52883
BTS 9010	Bio Tec	Acid foam cleaner concentrate. Also suitable for the food industry	Lactic acid 5,6 % BAuA-No.: N-76471 <i>Acid foam cleaner with disinfection</i>
DEPTACID 2D	Kersia	Food industry: a non-foaming cleaning agent that removes lime and lime scale and works antibacterial against gram-positive and gram-negative bacteria	Lactic acid 1,6 % Contains nitric acid IHO-listing BAuA-No.: N-18964
DEPTIL BC MAX	Kersia	Non-foaming disinfection agent based on amine for pipes in the food industry. For dipping the equipment	N-(3-aminopropyl)-N-dodecyl-propane-1,3-amine 2,4 % IHO-listing BAuA-No.: N-56384
DEPTIL HDS	Kersia	For all branches of industry. Surface disinfection by spraying, equipment disinfection by dipping	Ethanol 70,4 % IHO-listing BAuA-No.: N-41007
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>
eimü® Jod-Lösung	Eimermacher	Skin-, navel- and wound disinfection. Approved veterinary medicinal product, freely marketed	Iodine 2,5 % BVL approval number: 2359.99.99  <b>Application only after vets recommendation, if other listed iodine-free products are not estimated as sufficient</b>
Huwa-San 50 FOOD	NEOVIA	Disinfection of surfaces and belts, equipment and systems, cooling circuit systems. Application also in fruit and vegetable processing	Hydrogen peroxide 49,0 - 49,9 % certified by DLG, listed by DVG BAuA-No.: N-70457
MS Oxy Clean plus	Schippers		Hydrogen peroxide 23 %, Peracetic acid 4,9 %  BAuA-No.: N-68463
MS Oxy-Clean 1.0	Schippers	Drinking water systems disinfection	Hydrogen peroxide 49,5 % BAuA-No.: N-68519

#### 4-10-2 Other cleaning agents

Tradename	Company	Applications	Composition, Comments
Bio Tec Öko MS	Bio Tec	For acidic cleaning of milking systems. Suitable for rinsing mashines, milking pipelines, milk cooling tanks and for manual cleaning	Formic acid 0,085 %, Glycolic acid 0,06 %, Lactic acid 1 %, Sulphuric acid 28,8 % <i>Acidic surfactant containing liquid concentrate to use as milking system cleaner</i>
BTS 7020	Bio Tec	Milking plants, collecting tanks - also suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 10,5 % <i>Alkaline liquid concentrate for cleaning milking machines and collection containers</i>
BTS 8000	Bio Tec	Alkaline liquid concentrate for foam cleaning. Also suitable for the food industry	Potassium hydroxide 1 %, Sodium hydroxide 8,25 %
BTS 9000	Bio Tec	Acid foam cleaner concentrate. Also suitable for the food industry	Citric acid 15-30 %
Careox Eiweißlöser	Oekotec	Alkaline cleaner for installations and equipment. Surface cleaning in cheese factories, slaughterhouses, cutting plants and milk plants	Fully decalcified water > 94 %, 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 Spülmaschinenreiniger	Oekotec	Alkaline cleaner for dishwasher cleaning	Fully decalcified water > 94 %, Organic plant soap < 5 %, Sodium hydroxide < 1 %
Careox ZK3	Oekotec	Acidic cleaner for plastic boxes, additive for box-washing plants	Citric acid 5-15 %, Fully decalcified water > 80 %, Magnesium sulphate < 5 %, Sodium hydroxide < 1 %
Careox ZK3-NFK3	Oekotec	Acidic cleaner for plastic boxes, additive for box-washing plants. Reduces foam formation	Citric acid 5-15 %, Fully decalcified water > 80 %, Magnesium sulphate < 5 %, Natural esters (100 % vegetable) < 1 %, Sodium hydroxide < 1 %
DEPTAL CS	Kersia	CIP-cleaning in the dairy industry, food industry	Sodium hydroxide 50 %
DEPTIL POH	Kersia	Cleaning additive for pipes and containers, cheese plants. Cleaning additive for acidic and alkaline solutions to improve the effect of the cleaning	Hydrogen peroxide 35 %
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 agriculture and food production</i>
FADEX Rapid	Menno	Cleans, removes organic and inorganic contaminants as well as contamination by washing procedures	<i>Ready-to-use liquid product for hygienic purposes, personal hygiene, hand hygiene and for surfaces</i>

Tradename	Company	Applications	Composition, Comments
Fuerza3	Fuerza 3 Renovables	Cleaning and disinfectant system, ph reductor in agricultural drip irrigation systems	Citric acid 25 %, Osmotized water 75 % <i>Reduction of pH value of soil and irrigation water. Cleaner for agricultural drip irrigation systems</i>

MS Foam ECO	Schippers	Cleaning agent	Liquid coco soap 7,5 %
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#### 4-10-3 Other hygiene products

Tradename	Company	Applications	Composition, Comments
GOOD BEE LIFE Stabilizer	Grüske	For stabilizing the natural microflora in the prey breeding room. Natural displacement of pathogenic germs. Bees become more vital and resilient	Probiotic Bacillus Ferment 100 % <i>The product is designed for beekeeping as a 1-litre and 5-litre container</i>
GOOD BEE LIFE Water	Grüske	For use in liquid or solid supplementary feeding. Natural displacement of pathogenic germs in water or on food surfaces	Bacillus ferment 100 % <i>The product is designed for beekeeping as a 1-litre and 5-litre container</i>
Greenec Handwaschlotion	Oekotec	Hygiene of the hands	Fully decalcified water 35-40 %, Organic plant soap 60-65 %, Sodium hydroxide < 0,1 %

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

Tradename	Company	Applications	Composition, Comments
A-QUASAN	Menno	Disinfectant (liquid concentrate) bactericide, fungicide, viricide, for surface disinfection in vegetable food production	Benzoic acid 9 %, Formic acid 4 % BAuA-No.: N-61090, N-61091
BIOSID IndustrieReiniger	BIOSID	Applicable in high pressure-, steam- and other cleaning systems. Suitable for the use in food industry	Organic polymer < 5 %
BIOSID IntensivReiniger AGRAR	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 %
ENNO® RAPID	Menno	Ready for use cleaning- and decontamination agent for personal hygiene; for professional horticulture	Ethanol 65-70 %
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
MENNO Florades	Menno	Cultivation of arable crops, vegetable and ornamental plants: bactericidal, fungicidal, virucidal	Benzoic acid 9 % BVL approval number: 034407-00
Reinigungsbasis PE	WIGOL	For cleaning irrigation hoses, pots, equipment, glass walls- and ceilings in the cultivation of vegetables and plants	Acetic acid 15-30 %, Hydrogen peroxide 15-30 %, Peroxyacetic acid 5-15 %

Tradename	Company	Applications	Composition, Comments
VENNO DERM	Menno	Ready for use cleaning- and decontamination agent for personal hygiene	Propane-1-ol 30-40 %, Propane-2-ol 10-20 %
<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 %
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 agriculture and food production</i>
FADEX Rapid	Menno	Cleans, removes organic and inorganic contaminants as well as contamination by washing procedures	<i>Ready-to-use liquid product for hygienic purposes, personal hygiene, hand hygiene and for surfaces</i>

## 5 Products for parasite control

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

#### 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
Glue Flytrap	Schippers		Glue tape to hang in the stable, fly control
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
Stall-Fliegenfänger	Aeroxon		<i>Glue trap without any insecticides, with optical decoying effects, especially for fly control in horse stables, cowbarns und pigsties</i>

#### 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. BIOCOPAT</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
Diatomin Pyrethrum	Agrinova	Natural diatomaceous earth (amorphous) 150 g/l, natural pyrethrum 64 g/l	BAuA-No.: N-62603 <i>Against lice, fleas, mites, and other pests</i>
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-Nr.: 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>

Tradename	Company	Composition	Applications, Comments
InsectoSec®	Biofa	Diatomaceous earth 1.000 g/kg	BAuA-No.: N-16171 Red mite, other crawling pests: particularly suitable for poultry farming
InsectoSec® Insektenspray	Biofa	Diatomaceous earth 7,2 %	BAuA-No.: N-57563 Red mite, other crawling pests: particularly suitable for poultry farming
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 ( <i>Alphitobius diaperinus</i> ), 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 %	
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 S	rotie-pharm	Silicon dioxide (diatomaceous earth) 100 %	BAU-A-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 %	BAU-A-No.: N-68813 <i>Against red bird mite and other crawling pests. Particularly suitable for poultry farming. No resistances known</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 Eco	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

Tradename	Company	Composition	Applications, Comments
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>Professional moth control for areas where foodstuff is produced, manufactured or stored</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	Pyrethrum 2,5 %	BAuA-No.: N-79119

### 5-2-2 Repellents against ectoparasites

Tradename	Company	Composition	Applications, Comments
BremsenFrei	SaluVet	Geraniol, lavender oil	BAuA-No.: N-65745 Repellent: Protection against flies, mosquitos, horseflies <i>Auxiliary agents: natural essential oils and glycerin</i>
HS Miteless	Sikma	Potassium soap 60 %, sodium soaps from feed fatty acids	Against red bird mite <i>The treatment can be done in the occupied stable. Especially against bird mites (red mites)</i>
MilbiZid®	SaluVet	Extract from chrysanthemum cinerariaefolium 0,96 g/l	BAuA-No.: N-36276 For infestation by lice, fleas, mites and other pests <i>Insecticidal detergent for animals; concentrate</i>

## 5-3 Products for beekeeping

Tradename	Company	Composition	Applications, Comments
Bienenstockreiniger (BSR)	Hanse	Lactic acid bacteria $10^7$ / 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>
Olmix	MT.X+	crude protein: 3,8 %, crude fat: 1 %, crude ash: 72 %  Bentonite, diatomaceous earth, yeast	FR-BIO-10 BUREAU VERITAS

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

Company	Tradename	Content, Composition	Animal species, Comments
Nutrilac	Hepaclean	crude protein: 12,5 %, crude fibre: 14,1 %, crude ash: 2,2 %  Milk thistle seed, sunflower meal	FR-BIO-01 ECOCERT
Nutrilac	Paraclean Pellets	crude protein: 16,1 %, crude fat: 7,3 %, crude ash: 3,2 %  Rye flour, sunflower meal, fenugreek seed	FR-BIO-01 ECOCERT
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 10^11 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 10^9 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

Company	Tradename	Content, Composition	Animal species, Comments
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>

#### 6-1-4 Compound animal feedstuff for sheep and goats

Company	Tradename	Content, Composition	Animal species, Comments
Nutrilac	Hepaclean	crude protein: 12,5 %, crude fibre: 14,1 %, crude ash: 2,2 %  Milk thistle seed, sunflower meal	FR-BIO-01 ECOCERT
Nutrilac	Paraclean Pellets	crude protein: 16,1 %, crude fat: 7,3 %, crude ash: 3,2 %  Rye flour, sunflower meal, fenugreek seed	FR-BIO-01 ECOCERT

#### 6-1-5 Compound animal feedstuff for horses

Company	Tradename	Content, Composition	Animal species, Comments
Nutrilac	Hepaclean	crude protein: 12,5 %, crude fibre: 14,1 %, crude ash: 2,2 %  Milk thistle seed, sunflower meal	FR-BIO-01 ECOCERT

#### 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 10^9 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

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

Company	Tradename	Content, Composition	Animal species, Comments
Mühlendorfer Nutrition	Mühlendorfer My Little Farm Bio-Legemehl	crude protein: 16,51 %, crude fat: 49,4 g/kg, crude fibre: 37,2 g/kg  Organic wheat, organic corn, organic soya cake	DE-ÖKO-006 ABCERT 1,75 kg, 15 kg
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 lick for cattle, 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 protein: 4,3 %, crude fat: 1,5 %, 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: 6,1 %, Mg: 0,3 %, Na: 2,2 %, crude ash: 77 %  Diatomaceous earth, algae lime, fruit vinegar, rock salt raw	DE-ÖKO-037 ÖKOP 25 kg sack, fine granulate
Calzeo	Fir humic clay		88 % ash insoluble in hydrochloric acid (E 559 = kaolinite clay)
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
Olmix	MMi.S	crude protein: 4 %, crude ash: 71 %  Sugar cane molasses, algae, bentonite, diatomaceous earth	
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>

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

Company	Tradename	Content, Composition	Animal species, Comments
Südwestdeutsche Salzwerke AG	Salec Mineral-Leckstein eco	Ca: 0,2 %, Mg: 0,15 %, Na: 38 %  FeCO3: 100 mg/kg, MnO: 445 mg/kg, ZnO: 445 mg/kg, Ca(IO3)2: 27,5 mg/kg, CoCO3: 10,0 mg/kg, Na2SeO3: 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 %  FeCO3: 200 mg/kg, MnO: 910 mg/kg, ZnO: 890 mg/kg, Ca(IO3)2: 55 mg/kg, CoCO3: 20 mg/kg, Na2SeO3: 11 mg/kg, Sodium chloride, calcium carbonate, magnesium oxide, additive premix	DE-ÖKO-001 BCS 10 kg licking stone

Company	Tradename	Content, Composition	Animal species, Comments
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(IO3)2: 100 mg/kg, Na2SeO3: 30 mg/kg, CoCO3: 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(IO3)2: 120 mg/kg, Na2SeO3: 30 mg/kg, CoCO3: 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
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	<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	<i>Energy-rich complementary feed for licking. To increase the basic feed intake while covering mineral requirements</i>
esco	SOLSEL® Mineralleckstein mit Kupfer	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, E8 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, E8 sodium selenite, 3b101 iron (III) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone

Company	Tradename	Content, Composition	Animal species, Comments
esco	SOLSEL® Mineralleckstein Xtra 1/3	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-(III) -carbonate, 3b202 calcium iodate, E8 sodium selenite	DE-ÖKO-039 GfRS 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, wheat middlings, sugar cane molasses	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 %, Mg: 3,9 %, Na: 8,3 %, Cu: 2.250 mg/kg, vit. A: 800 * 1000 IU/kg, vit. D: 130 * 1000 IU/kg, vit. E: 1.500 mg/kg	DE-ÖKO-006 ABCERT 20 kg sack: 500 kg bigbag
Lexa	Ö-Lexalin 1:1	Monocalcium phosphate, sodium chloride, Ca-Mg-carbonate, sodium bicarbonate, magnesium oxide, trace and vitamin premixing, wheat middlings, 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 %, Mg: 5 %, Na: 9 %, Cu: 2.250 mg/kg, vit. A: 800 * 1000 IU/kg, vit. D: 130 * 1000 IU/kg, vit. E: 1.500 mg/kg	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg big bag; 1.000 kg big bag
Lexa	Ö-TMR 15	P: 7 %, Ca: 5,1 %, Mg: 14,5 %, Na: 12,7 %, Cu: 2.250 mg/kg, vit. A: 800 * 1000 IU/kg, vit. D: 130 * 1000 IU/kg, vit. E: 2.000 mg/kg	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg big bag; 1.000 kg big bag <i>Suitable also for dry cattle</i>
Lexa	Ö-TMR 6000	Ca-Mg-carbonate, sodium chloride, calcium carbonate, monocalcium phosphate, magnesium oxide, trace and vitamin premixing, magnesium sulphate, sugar cane molasses	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg big bag; 1.000 kg big bag
Nutrilac	TOPLICK Natur Trockensteher	P: 5 %, Ca: 5 %, Mg: 6 %, Na: 4 %  Turnip molasses, sodium chloride, organic wheat bran	FR-BIO-01 ECOCERT
Nutrilac	TOPLICK Natur Universal	P: 5 %, Ca: 15 %, Mg: 5 %, Na: 3 %  Vitamin D3: 20*1000 IU/kg, turnip molasses, calcium carbonate	FR-BIO-01 ECOCERT
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>

Company	Tradename	Content, Composition	Animal species, Comments
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>
Timac DE	Calseanature+	P: 4 %, Ca: 12 %, Mg: 2 %, Na: 19 %, Cu: 200 mg/kg	DE-ÖKO-006 ABCERT 15 kg licking stone

#### 6-3-4 Mineral feed for sheep and goats

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
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	<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	<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, E8 sodium selenite, 3b101 iron (III) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone
Nutrilac	TOPLICK Natur Universal	P: 5 %, Ca: 15 %, Mg: 5 %, Na: 3 %  Vitamin D3: 20*1000 IU/kg, turnip molasses, calcium carbonate	FR-BIO-01 ECOCERT

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

Company	Tradename	Content, Composition	Animal species, Comments
Nutrilac	TOPLICK Natur Trockensteher	P: 5 %, Ca: 5 %, Mg: 6 %, Na: 4 %  Turnip molasses, sodium chloride, organic wheat bran	FR-BIO-01 ECOCERT

Company	Tradename	Content, Composition	Animal species, Comments
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 mit Kupfer	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, E8 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, E8 sodium selenite, 3b101 iron (III) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone
esco	SOLSEL® Mineralleckstein Xtra 1/3	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-(III)-carbonate, 3b202 calcium iodate, E8 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
Lexa	Ö-Pferdemineral	Wheat middlings, calcareous marine algae, monocalcium phosphate, 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
Mühlendorfer 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, 20 mg selenium, 12 mg cobalt	DE-ÖKO-006 ABCERT 3 kg, 10 kg, 25 kg
Timac DE	Calseanature+	P: 4 %, Ca: 12 %, Mg: 2 %, Na: 19 %, Cu: 200 mg/kg	DE-ÖKO-006 ABCERT 15 kg licking stone

### 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 mit Kupfer	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, E8 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, E8 sodium selenite, 3b101 iron (III) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone
esco	SOLSEL® Mineralleckstein Xtra 1/3	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-(III) -carbonate, 3b202 calcium iodate, E8 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
esco	SOLSEL® Wildleckstein	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
esco	SOLSEL® Mineralleckstein mit Kupfer	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, E8 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, E8 sodium selenite, 3b101 iron (III) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone

Company	Tradename	Content, Composition	Animal species, Comments
esco	SOLSEL® Mineralleckstein Xtra 1/3	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-(III) -carbonate, 3b202 calcium iodate, E8 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
Lexa	Ö-MF für Schweine	P: 4 %, Ca: 24,2 %, Mg: 1,5 %, Na: 6 %, Cu: 560 mg/kg, vit. A: 200 * 1000 IU/kg, vit. D: 60 * 1000 IU/kg, vit. E: 2.000 mg/kg	DE-ÖKO-006 ABCERT 25 kg sack; 500 kg big bag; 1.000 kg big bag
Olmix	Ecopiglet	Ca: 4 %, crude ash: 89 %  Bentonite, algae, rape seed oil	

### 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
esco	SOLSEL® Mineralleckstein mit Kupfer	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, E8 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, E8 sodium selenite, 3b101 iron (III) carbonate	DE-ÖKO-039 GfRS 5 kg, 10 kg licking stone
esco	SOLSEL® Mineralleckstein Xtra 1/3	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-(III) -carbonate, 3b202 calcium iodate, E8 sodium selenite	DE-ÖKO-039 GfRS 10 kg licking stone
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	MTB OP™	crude protein: 22 %, crude fibre: 0,9 % Calcium carbonate, bentonite	25 kg sacks
BEWITAL	BEWI-SAN Bewilyt GREEN		DE-ÖKO-003 Lacon <i>For the stabilization of water and electrolyte balance</i>
BEWITAL	BEWI-SAN Dairlylyt 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), dextrose	<i>For breeding sows and piglets. Binds harmful substances, promotes fertility, enhances intestinal stability, improves immunity and cell regeneration</i>
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
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>PROPELLER® Calcium drink. 1 pack = 4 bags</i>

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

Company	Tradename	Content, Composition	Animal species, Comments
AGRAR-Vertrieb	POW-MIN	P: 0,60 %, Ca: 0,12 %, Mg: 0,10 %, Na: 0,50 %  Fermented herbs, monosodium phosphate, calcium gluconate, magnesium chloride	QS and A-feed (certified quality - Bavaria) certified by QAL

Company	Tradename	Content, Composition	Animal species, Comments
Christoph Fischer	Chiemgauer Fermentierter Kräuterextrakt (CFKE)	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	<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 Technologie-zentrum	CarboSan		DE-ÖKO-003 Lacon <i>Complementary feed with original effective microorganisms</i>
Hofmann	IMMUGUARD	DM: 93 %, crude protein: 46,6 %, crude fat: 1,9 %, crude fibre: 2 %, starch: 14,73 %  brewer's yeast, yeast extract	CH-BIO-006 biolinspecta
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 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, bio-lactose powder	AT-BIO-301 ABG <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 8 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 %  Organic wheat bran, organic spelt, sugar cane molasses, calcareous marine algae, organic sunflower oil	AT-BIO-301 ABG 20 kg <i>Complementary feed to increase appetite</i>
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
Biodevas	PARASYNE SL	crude protein: < 1 %, crude fat: < 1 %, crude fibre: < 1 %, Mg: < 0,5 %, Na: 0,02 %  Magnesium chloride, mixture of natural, aromatic substances, 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

#### 6-4-3 Complementary feed for cattle

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 %  Alcohol, 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
cd Vet	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>
cd Vet	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>
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	<i>Energy-rich complementary feed for licking, garlic components support the natural defence against flying insects</i>

Company	Tradename	Content, Composition	Animal species, Comments
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	<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
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, bio-lactose powder	AT-BIO-301 ABG <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 8 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 %  Organic wheat bran, organic spelt, sugar cane molasses, calcareous marine algae, 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>
Nutrilac	MILCH'STOP NATUR	crude protein: 0,2 %, Na: < 0,3 %  Magnesium chloride	FR-BIO-01 ECOCERT
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	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	<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	<i>Energy-rich complementary feed for licking. To increase the basic feed intake while covering mineral requirements</i>
Mühlendorfer Nutrition	Mühlendorfer My Little Farm Bio-Schaf- und Lämmermüsli	crude protein: 9,38 %, crude fat: 63 g/kg, crude fibre: 54 g/kg  Organic oat, organic barley	DE-ÖKO-006 ABCERT 1,25 kg, 15 kg
Mühlendorfer Nutrition	Mühlendorfer My Little Farm Bio-Ziegenmüsli	crude protein: 7,5 %, crude fat: 54 g/kg, crude fibre: 57 g/kg  Organic barley, organic oat peel bran pellets, organic corn	DE-ÖKO-006 ABCERT 1,25 kg, 15 kg
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, bio-lactose powder	AT-BIO-301 ABG  <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 8 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 %  Organic wheat bran, organic spelt, sugar cane molasses, calcareous marine algae, organic sunflower oil	AT-BIO-301 ABG 20 kg  <i>Complementary feed to increase appetite</i>
Nutrilac	MILCH'STOP NATUR Szs	crude protein: 0,6 %  Magnesium chloride	FR-BIO-01 ECOCERT

#### 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
cd Vet	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
cd Vet	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>
cd Vet	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, bio-lactose powder	AT-BIO-301 ABG <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 8 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 %  Organic wheat bran, organic spelt, sugar cane molasses, calcareous marine algae, organic sunflower oil	AT-BIO-301 ABG 20 kg <i>Complementary feed to increase appetite</i>
Nutrilac	MILCH'STOP NATUR SZS	crude protein: 0,6 %  Magnesium chloride	FR-BIO-01 ECOCERT
Schippers	MS Goldfeed Welfare		

#### 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 %  Lithotham, 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
cd Vet	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
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, bio-lactose powder	AT-BIO-301 ABG <i>Complementary feed to increase appetite</i>
Multikraft	Topdress	crude protein: 8 %, crude fat: 2 %, crude fibre: 8 %, crude ash: 4,7 %  Organic wheat bran, organic spelt, sugar cane molasses, calcareous marine algae, 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>
Schippers	MS Goldfeed Welfare		
Schippers	MS Mite Extract org	crude protein: 0,31 %, crude fibre: 0,10 %, crude ash: 0,5 %  Sodium chloride, sodium bicarbonate, mixture of flavouring compounds	

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

Company	Tradename	Content, Composition	Animal species, Comments
Deutsche Vilomix	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>

Company	Tradename	Content, Composition	Animal species, Comments
Freriks	PFP Mite Control		<i>Supplementary feed for laying hens against mites</i>
<b>6-4-11 Complementary feed for fish</b>			
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

Company	Tradename	Content, Composition	Animal species, Comments
BIOCO	BIOCO-Dur	crude protein: 4,9 %, crude fat: 3,0 %, crude fibre: 16,4 %, sugar: 24,5 %, K: 0,6 %, Na: 2,0 %, Cl: 3,9 %, crude ash: 8,5 %	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>
cd Vet	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>Ö-Lexavit Kälber-Spezial 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 after flour, 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>Ö-Profi-Trank promotes the development of villi in the rumen and intestine and in this way ensures an earlier roughage uptake and improved digestion</i>

<b>6-5 Single feed</b>			
Company	Tradename	Content, Composition	Animal species, Comments
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 Big bag 1.000 kg or loose in the train silo

Company	Tradename	Content, Composition	Animal species, Comments
VUXXX	pH-PILL	Na: 25 % Sodium bicarbonate	pH-PILL. The first bicarbonate pill for cows. 1 pack = 4 pills
VUXXX	P-PILL	P: 15 %, Na: 11 % Monosodium phosphate	P-PILL. The first phosphorus pill. 1 pack = 4 pills

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

Company	Tradename	Content, Composition	Animal species, Comments
Otterbein	Subacal	Ca: 36 % Calcium carbonate	Carbonic acid feed lime, fine-ground or fine-grained
Ralinger Salz	Natureiner Salzkristall, gesackt 25 und 50 kg	Na: 39,15 % Sodium chloride	DE-ÖKO-006 ABCERT
Ralinger Salz	Natureines Steinsalz	Ca: 0,5 %, Na: 39,15 % Sodium chloride, calcium	DE-ÖKO-006 ABCERT
Ralinger Salz	Natursalz Brocken (Bergkern), gesackt	Na: 39,15 % Sodium chloride	DE-ÖKO-006 ABCERT
Ralinger Salz	Raiffeisen Salzleckstein	Na: 39,15 % Sodium chloride	DE-ÖKO-006 ABCERT
Ralinger Salz	Ralinger Salzleckstein	Na: 39,15 % Sodium chloride	DE-ÖKO-006 ABCERT
Ralinger Salz	Viehsalz, gesackt 25 und 50 kg	Na: 39,15 % Sodium chloride	DE-ÖKO-006 ABCERT
Schön	Dolomitmehl Ultra	CaO: 30,8 %, MgO: 21,5 %	
VKD	Hefezellwände	crude protein: < 35 % Yeast cell walls	25 kg, 600 kg For all animal species

#### 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 % Cattle salt	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

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

Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz NATUR	Na: 39 % Cattle salt	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

### 6-5-5 Single feed for horses

Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz NATUR	Na: 39 % Cattle salt	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
Mühlendorfer Nutrition	Bio-Heucobs	crude protein: 10,7 %, crude fat: 1,4 %, crude fibre: 29,8 %	DE-ÖKO-006 ABCERT 20 kg container and 600 kg big bag

### 6-5-8 Single feed for game

Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz NATUR	Na: 39 % Cattle salt	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

### 6-5-10 Single feed for poultry

Company	Tradename	Content, Composition	Animal species, Comments
Klose und Debus	eivolution Kalkgrit Futterkalk für Geflügel	Ca: 39,0 % Calcium carbonate	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)
Klose und Debus	eivolution Magenkiesel Magensteine für Geflügel	Quartz pebbles	Unbroken, acid-insoluble quartz pebbles (washed, dried in a hot-air oven) for the natural support of feed conversion
Rheinkalk Lhoist	Faunacal®	Ca: 32-38 % Calcium carbonate	

Company	Tradename	Content, Composition	Animal species, Comments
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>

#### 6-5-20 Single feed for other animals

Company	Tradename	Content, Composition	Animal species, Comments
esco	esco Viehsalz NATUR	Na: 39 % Cattle salt	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

#### 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® Eko	Preparation of microorganisms	<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>
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>
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>
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	<b>For silage: permitted only if adequate fermentation is not possible due to weather conditions</b>
Bergophor	BERGO Lactosil fresh	Lactobacillus buchneri	Microorganism preparation for improving fermentation quality and aerobic stability  <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>

Company	Tradename	Content, Composition	Animal species, Comments
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>
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: 39,0 % 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>

## 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>Bi-PILL. 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
BioAktiv	BioAktiv Professional Salis Geflügel	Pure sodium chloride	1 kg, 5 kg, 25 kg <i>Improves feed conversion; improves animal health; fewer losses; decrease of the ammonia content of the stable air</i>
BioAktiv	BioAktiv Professional Salis Rind	Pure sodium choride	1 kg, 5 kg, 25 kg <i>Improves feed conversion; higher flowability of the liquid manure; decrease of the ammonia content of the stable air</i>
BioAktiv	BioAktiv Professional Salis Schaf/Ziege	Pure sodium chloride	1 kg, 5 kg, 25 kg <i>Improves feed conversion; quiet and well-balanced animals; better results in the fattening process; decrease of the ammonia content of the stable air</i>

Company	Tradename	Content, Composition	Animal species, Comments
BioAktiv	BioAktiv Professional Salis Schwein	Pure sodium chloride	1 kg, 5 kg, 25 kg <i>Improves feed conversion; higher flowability of the liquid manure; decrease of the ammonia content of the stable air</i>
BioAktiv	BioAktiv Professional Salis Schwein +	Pure sodium chloride	1 kg, 5 kg, 25 kg <i>Increases animal health; fewer losses</i>
esco	esco Viehsalz NATUR	Na: 39 % Cattle salt	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; improves animal health; fewer losses; decrease of the ammonia content of the stable air</i>
BioAktiv	BioAktiv Professional Tierfutter Rind	Pure calcium carbonate	1 kg, 5 kg, 20 kg <i>Improves feed conversion; higher flowability of the liquid manure; decrease of the ammonia content of the stable air</i>
BioAktiv	BioAktiv Professional Tierfutter Schaf/Ziege	Pure calcium carbonate	1 kg, 5 kg, 20 kg <i>Improves feed conversion; quiet and well-balanced animals; better results in the fattening process; decrease of the ammonia content of the stable air</i>
BioAktiv	BioAktiv Professional Tierfutter Schwein	Pure calcium carbonate	1 kg, 5 kg, 20 kg <i>Improves feed conversion; higher flowability of the liquid manure; decrease of the ammonia content of the stable air</i>
BioAktiv	BioAktiv Professional Tierfutter Schwein +	Pure calcium carbonate	1 kg, 5 kg, 20 kg <i>Improves animal health, fewer losses</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-Magnesium-carbonat	Ca: 21-31 %, Mg: 4-12 % Calcium magnesium carbonate	
Penergetic	Penergetic-t Tiere	CaCO3: 97 %	ISO 22000 certified, FAMI-QS certified

### 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	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	crude protein: 22 %, crude fat: 13 g/kg, crude fibre: 250 g/kg	25 kg
Lallemand	Agrimos	crude protein: 25 %, crude fibre: < 3 %, starch and sugar: 50 %	<i>Agrimos is a specific combination of mannan-oligosaccharides (MOS) and glucans 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 % <i>Brewer's yeast autolysat</i>	<i>Brewer's yeast</i>
Lesaffre	Selsaf	Selenised yeast, inactivated	
Tremonis	BIERHEFE, getrocknet, vollwertig, unextrahiert	100 % Brewer's yeast, dried	25 kg sack or 1.000 kg big bag

### 6-9 Additives for feedstuff products

Company	Tradename	Content, Composition	Animal species, Comments
Agromed	FRA® Force L221 Bio Liquid		

Company	Tradename	Content, Composition	Animal species, Comments
Alltech Deutschland	SEL-PLEX® 2300		25 kg sacks
DELA CON	BIOSTRONG® 510 OFC	Mixture of flavouring agents, bio-wheat bran	AT-BIO-301 ABG
EM Technologie-zentrum	EM-Süd 7-Tage Darmkur	Clinoptilolite, effective microorganisms	<i>For horses</i>
EM Technologie-zentrum	EM-Süd Vulkan-Mineral	Clinoptilolite, effective microorganisms	<i>For all livestock</i>
Tribodyn	Zeoactiv	K2O: 2,8 %, CaO: 2,09 %, MgO: 0,72 %, SiO2: 67,07 %, Al2O3: 12,40 %  Clinoptilolite 87 %	<i>Approved for all animal species</i>
Vetro Star	Ökuh-Lacsan		DE-ÖKO-006 ABCERT <i>For the natural acidification of feed milk</i>
VKD	NAT-MIN 9000		

#### 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
Alltech Deutschland	YEA-SACC® TS	Living yeast <i>Saccharomyces cerevisiae</i> CBS 493.94	20 kg vacuum bag
Lallemand	Bactocell PA 10MD mit Calciumcarbonat	Pediococcus acidilactici 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	Bactocell PA 10MD mit Saccharose	Pediococcus acidilactici 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> boulardii CNCM I-1079	<i>Approved for sows, weaned piglets, 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	Selenised yeast inactivated	
Orffa B.V.	Calsporin	Calcium carbonate, preparation of <i>Bacillus subtilis</i> C-3102 (DSM 15544)	<i>piglets, pigs and sows, poultry, ornamental fish and birds</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 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
BED	BED Futterzusatz	Natural clinoptilolite - zeolite	
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	Montmorillonite and illite	<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)	DE-ÖKO-006 ABCERT 25 kg <i>Premix for addmixing in feed for farmed animals</i>
DOSTOFARM	DOSTO® Sun 4Green	Essential oregano oil (flavouring substance), bio-sunflower oil (feed material)	DE-ÖKO-006 ABCERT 5 l <i>Premix for addmixing 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>

## 6-10 Special products for animal husbandry

### 6-10-1 Products for the promotion of animal activity

Company	Tradename	Content, Composition	Animal species, Comments
Witteler GmbH & Co. KG	PickMe	Micro-mineral	<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
Huwa-San VET 50	NEOVIA	Disinfection of humidification systems and surfaces	Hydrogen peroxide 49 - 49,9 % certified by DLG BAuA-No.: N-70458

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

Tradename	Company	Applications	Composition, Comments
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15,0 %
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 %
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 %
Ökoron® SR	FINK TEC	Ecological, foamable cleaning agent concentrate based on whey for all washable surfaces	Whey > 95 % EU Ecolabel tested
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 %

#### 4-20-3 Products for disinfection of food processing and storage rooms

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	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-61272
FINK - Antisept E	FINK TEC	Alcoholic surface disinfection agent	2-Propanol 35 %, Ethanol 25 % BAuA-No.: N-62458, N-62457
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

Tradename	Company	Applications	Composition, Comments
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 % VAH listing  BAuA-No.: N-44229

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

Tradename	Company	Applications	Composition, Comments
liquid sensitive	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % VAH listing  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 %

### 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
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15,0 %

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

Tradename	Company	Applications	Composition, Comments
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	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-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-61272
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44229
<b>4-21-5 Products for hand hygiene in the dairy industry</b>			

Tradename	Company	Applications	Composition, Comments
liquid sensitive	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44228
<b>4-21-7 Additives for the dairy industry</b>			

Tradename	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: 5.0 - 7.0 %	Alkyl polyglucosides 15-30 %

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

<b>4-22 Products for cleaning and disinfection for juice and wine processing</b>			
Tradename	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 Container size: 25 kg
Microl SR 020	WIGOL	Mixture of organic acids free of phosphates, for the cleaning and passivation of filter systems and membrane plants	Citric acid 15-30 %, Lactic acid 15-30 % Container size: 25 kg
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 % Container size: 25 kg
Weinsteinlöser P extra stark	WIGOL	For removing potassium bitartrate in tank plants in the wine industry	Sodium hydroxide > 50 % Container size: 25 kg

#### **4-22-1 Acidic cleaning agents for juice and wine processing**

Tradename	Company	Applications	Composition, Comments
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15,0 %
Microl SR 020	WIGOL	Mixture of organic acids free of phosphates, for the cleaning and passivation of filter systems and membrane plants	Citric acid 15-30 %, Lactic acid 15-30 % Container size: 25 kg

#### **4-22-2 Alcaline cleaning agents for juice and wine processing**

Tradename	Company	Applications	Composition, Comments
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 %
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 % Container size: 25 kg
Weinsteinlöser P extra stark	WIGOL	For removing potassium bitartrate in tank plants in the wine industry	Sodium hydroxide > 50 % Container size: 25 kg

#### **4-22-4 Disinfectants for juice and wine processing**

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	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-61272
Füllersteril PPP	WIGOL	Alcoholic disinfection agent	Isopropanol 70 % BAuA-No.: N-14786 Container size: 25 kg
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
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 % IHO-listing BAuA-No.: N-70313
Lerasept® FP 408	Stockmeier	Surface disinfection	Ethanol 25 %, Propan-1-ol 35 % IHO-listing BAuA-No.: N-24578

Tradename	Company	Applications	Composition, Comments
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % VAH listing
BAuA-No.: N-44229			

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

Tradename	Company	Applications	Composition, Comments
liquid sensitive	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % VAH listing
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: 5.0 - 7.0 %	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 %

### 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
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15,0 %

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

Tradename	Company	Applications	Composition, Comments
Schaumreiniger alkalisches	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	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-61272
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
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44229

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

Tradename	Company	Applications	Composition, Comments
liquid sensitive	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44228

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

Tradename	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: 5.0 - 7.0 %	Alkyl polyglucosides 15-30 %

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

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

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

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

Tradename	Company	Applications	Composition, Comments
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15,0 %

#### **4-24-3 Products for disinfection in the meat 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	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-61272
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
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44229

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

Tradename	Company	Applications	Composition, Comments
liquid sensitive	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44228

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

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

### **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
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15,0 %

#### **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	Hydrogen peroxide 8-35 %, Peroxyacetic acid 10-25 % certified by DLG, listed by DVG, IHO-listing BAuA-No.: N-43208

Tradename	Company	Applications	Composition, Comments
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-61272
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
Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44229

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

Tradename	Company	Applications	Composition, Comments
liquid sensitive	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44228

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

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

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

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

Tradename	Company	Applications	Composition, Comments
Essigreiniger	Sodasan	Intensive cleaning in kitchen and bathroom	Non-ionic surfactant 2,97 %, Organic vinegar > 15,0 %

#### 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	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-61272

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

Sodasan Flächendesinfektionsmittel	Sodasan	Hygienic surface disinfection for disinfecting smooth surfaces	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44229
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#### **4-26-4 Products for hand hygiene in professional kitchens**

Tradename	Company	Applications	Composition, Comments
liquid sensitive	Sodasan	Liquid hand washing soap	Potassium soap 27,1 %
Sodasan Händedesinfektionsmittel	Sodasan	Hygienic hand disinfection for rubbing the hands	Bio-ethanol (96%) 72,3 % VAH listing  BAuA-No.: N-44228

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

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

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aurea-systems	aurea-systems GmbH Pöllinger Hauptstraße 15 DE 92318 Neumarkt	+49 9181 53090-00 +49 9181 53090-50	<a href="mailto:office@aurea-sys.com">office@aurea-sys.com</a> <a href="http://www.aurea-sys.com">www.aurea-sys.com</a>

## Company addresses

Short form	Address	Telephone, Fax	E-mail, Internet
AUSOIL PTY LTD	AUSOIL PTY LTD. 386 North Creek Road AU NSW 2478 Lennox Head	+61 266 874162 +61 285 69 0611	sales@ausoil.com.au
Australis	Australis Ecosciences S.A. Parcelación El Tata No. 13 CL Codegua VI Región	+56 9 81588999	mjleiva@inversioneseyr.cl
Bactiva	Bactiva GmbH Herongerstraße 2 DE 47638 Straelen	+49 2834 70330-6 +49 2834 70330-7	info@bactiva.de www.bactiva.de
Baltic Fert	Baltic Fert UAB I.Kanto g. 18 LT 44296 Kaunas	+37 0686 95895	gintas@balticfert.lv
BASF SE	BASF SE Speyerer Straße 2 DE 67117 Limburgerhof	+49 1805 115656 +49 1805 114343	serviceland@basf.com www.agrar.bASF.de
Bayer AG	Bayer AG, Division Crop Science Matthias von Erffa Alfred-Nobel-Straße 50 DE 40789 Monheim	+49 3841 2296-317 +49 3841 2296-347	matthias.vonerffa@bayer.com
BayWa	BayWa AG, Abt. Futtermittel Arabellastraße 4 DE 81925 München	+49 89 9222-2860 +49 89 9212-2860	stefan.mast@baywa.de www.baywa.de
BCD	BCD Chemie GmbH Kohlgartenstraße 15 DE 04315 Leipzig	+49 341 6597-0018 +49 341 6597-0040	mathias.liebing@bcd-chemie.de
Beckmann & Brehm	BECKMANN & BREHM GmbH Hauptstraße 4 DE 27243 Beckeln	+49 4244 9274-0 +49 4244 9274-11	info@beckhorn.de www.beckhorn.de
BED	BED Bio Elite Dünger e.K. Rosenthalweg 5 DE 08340 Schwarzenberg	+49 3774 1512-30 +49 3774 1512-45	info@bio-elite-duenger.de www.bio-elite-duenger.de
Behn-Meyer	Behn Meyer Europe GmbH Ballindamm 1 DE 20095 Hamburg	+49 40 30299-301 +49 40 30299-300	m.wetzel@behnmeYER.de www.behnmeYER.com
Belchim	Belchim Crop Protection Deutschland GmbH Wollenweberstraße 22 DE 31303 Burgdorf	+49 5136 92038-40 +49 5136 92038-50	info-de@belchim.com www.belchim-agro.de
Bergophor	Bergophor Futtermittelfabrik Dr. Berger GmbH & Co. KG Kronacher Straße 13 DE 95326 Kulmbach	+49 9221 806-0 +49 9221 806-198	service@bergophor.de www.bergophor.de
BEWITAL	BEWITAL agri GmbH & Co. KG Industriestraße 10 DE 46354 Südlohn-Oeding	+49 2862 581-600 +49 2862 581-36	agri@bewital.de www.bewital-agri.de
BIAGRO	BIOESTIMULANTES AGRICOLAS S.L. (BIAGRO S.L.) Pol. Ind. Mediterraneo C/Jaime I,8 ES 46560 Massalfassar/Valencia	+34 9614 17069 +34 9614 01059	ncoltell@biagro.es www.biagro.es
Bio Insumos	Bio Insumos Nativa SpA Parcela Altilhue, Lote 4B2 CL 3450000 Maulé	+56 71 297 0696	edonoso@bionativa.cl

## Company addresses

Short form	Address	Telephone, Fax	E-mail, Internet
Bio Tec	Bio Tec Reinigungsmittel und Zubehör Vertriebs GmbH Zum Uhlenmoor 2 DE 49439 Steinfeld	+49 54 9241778-0 +49 54 9241778-48	<a href="http://www.bio-tec-steinfeld.de">www.bio-tec-steinfeld.de</a>
BioAktiv	BioAktiv-Pulver Produktions- und Vertriebs GmbH Bockwitzer Straße 80 DE 06712 Zeitz-Würchwitz	+49 34426 210-0 +49 34426 210-10	<a href="mailto:info@bioaktiv.com">info@bioaktiv.com</a> <a href="http://www.bioaktiv.com">www.bioaktiv.com</a>
BIOCARE	BIOCARE Gesellschaft für biologische Schutzmittel mbH Dorfstraße 4 DE 37574 Einbeck	+49 5562 950578-0 +49 5562 950578-9	<a href="mailto:info@biocare.de">info@biocare.de</a> <a href="http://www.biocare.de">www.biocare.de</a>
BIOCO	BIOCO GmbH Robert-Bosch-Straße 9 DE 88677 Markdorf	+49 7544 1444 +49 7544 1411	<a href="mailto:info@bioco.de">info@bioco.de</a> <a href="http://www.bioco.de">www.bioco.de</a>
BIO-COSMETICS	BIO-COSMETICS SARL 10 rue A. Schweitzer FR 68140 Gunsbach	+33 3897 70724	<a href="mailto:dr.guembel@wanadoo.fr">dr.guembel@wanadoo.fr</a> <a href="http://www.sinnenwohl.de">www.sinnenwohl.de</a>
Biodevas	Biodevas Laboratoires Sarl Z.A. de l'Epine FR 72460 Savigné l'Evêque	+33 243 277272 +33 243 276135	<a href="mailto:contact@biodevas.fr">contact@biodevas.fr</a> <a href="http://www.biodevas.fr">www.biodevas.fr</a>
Biofa	Biofa AG Rudolf-Diesel-Straße 2 DE 72525 Münsingen	+49 7381 9354-0 +49 7381 9354-54	<a href="mailto:contact@biofa-profi.de">contact@biofa-profi.de</a> <a href="http://www.biofa-profi.de">www.biofa-profi.de</a>
Biofabrik	Biofabrik Green Refinery GmbH Rossendorfer Ring 6 DE 01328 Dresden	+49 351 3162 8888 +49 351 7979007	<a href="mailto:info@biofabrik.com">info@biofabrik.com</a> <a href="http://www.biofabrik.com/green-refinery">www.biofabrik.com/green-refinery</a>
bio-ferm	bio-ferm Biotechnologische Entwicklung und Produktion GmbH Technopark 1 AT 3430 Tulln	+43 2272 66089-0 +43 2272 66089-13611	<a href="mailto:office@bio-ferm.com">office@bio-ferm.com</a> <a href="http://www.bio-ferm.com">www.bio-ferm.com</a>
Biogasberatung	Biogasberatung UG Sepp Lausch Petzenbichl 1 DE 83019 Großkarolinenfeld	+49 806788 1833 +49 806788 3716	<a href="mailto:sepplausch@web.de">sepplausch@web.de</a> <a href="http://www.biogasberater.com">www.biogasberater.com</a>
Bio-Gate	Bio-Gate AG Neumeyerstraße 28-34 DE 90411 Nürnberg	+49 911 477523-100 +49 911 477523-101	<a href="mailto:info@bio-gate.de">info@bio-gate.de</a> <a href="http://www.bio-gate.de">www.bio-gate.de</a>
BioKimia	BioKimia International S.r.l. Via degli Artigiani 130, Zona Industriale Cà Bianca IT 40024 Castel San Pietro Terme (Bologna)	+39 051 944 177 +39 051 940 953	<a href="mailto:exportdivision@biokimia.it">exportdivision@biokimia.it</a> <a href="http://www.biokimia.it">www.biokimia.it</a>
Biolchim	Biolchim Deutschland GmbH Rendsburger Straße 5 DE 30659 Hannover	+49 511 6466649-0 +49 511 6466649-9	<a href="mailto:info@biolchim.de">info@biolchim.de</a> <a href="http://www.biolchim.de">www.biolchim.de</a>
Biologische Beratung	Biologische Beratung Prozell und Schöller GmbH Storkower Straße 55a DE 10409 Berlin	+49 30 42859-585 +49 30 42859-586	<a href="mailto:bip@biologische-beratung.de">bip@biologische-beratung.de</a> <a href="http://www.biologische-beratung.de">www.biologische-beratung.de</a>
BioMyc	BioMyc Environment GmbH Bauhofstraße 6 DE 14776 Brandenburg	+49 3381 2125-87 +49 3381 2125-33	<a href="mailto:info@biomyc.de">info@biomyc.de</a> <a href="http://www.biomyc.de">www.biomyc.de</a>

## Company addresses

Short form	Address	Telephone, Fax	E-mail, Internet
BioMyCel	BioMyCel UG Gewerbepark West II Nr. 5 DE 76863 Herxheim	+49 7276 96670-57	info@fioran.de www.fioran.de
BioMyPro	BioMyPro b.v. Bosweg 1b NL 6881 KH Velp	+31 6 83190634	info@biomypro.com www.biomypro.com
Biopacks	Biopacks GmbH Großenhainer Straße 8 DE 01561 Thiendorf-Sacka	+49 35240 766383 +49 35240 778897	info@biopacks.de www.biopacks.de
Bioplant	Bioplant Naturverfahren GmbH Carl-Benz-Straße 4 DE 78467 Konstanz	+49 7531 60473 +49 7531 52240	info@biplantol.com www.biplantol.com
BioPro Natur	BioPro Natur GmbH Gewerbepark Kaserne 5 DE 83278 Traunstein	+49 861 70696-110 +49 861 70696-111	f.fiedler@bv-h.de www.biopronatur.de
BIOSID	BIOSID Deutschland GmbH Bertolt-Brecht-Platz 3 DE 10117 Berlin	+49 32 22 10920-60 +49 32 22 10920-59	info@biosid.com www.biosid.com
Biota-Nutrients	Biota-Nutrients B.V. Hoefweg 156 NL 2665 LD Bleiswijk	+31 6541 31472	info@biota.nu www.biota.nu
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
Blidor	Blidor International GmbH Kirchstraße 2 DE 79798 Jestetten		peter.villiger@blidor.ch www.blidor-industrie.ch
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	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

## Company addresses

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Buchrucker Hygiene	Laboratorium Buchrucker Hygiene GmbH Aschacherstraße 1 AT 4100 Ottensheim	+43 7234 83304 +43 7234 83306	labor@buchrucker-hygiene.at www.buchrucker-hygiene.at/de
Buhck	Buhck GmbH & Co. KG Rappenberg 1 DE 21502 Wiershop	+49 415 2802 120 +49 415 2802 551	buhck@buhck.de www.buhck.de
BvG	BvG Bodenverbesserungs-GmbH Albrechtstraße 22 DE 86641 Rain am Lech	+49 9090 4006 +49 9090 4744	info@bvg-rain.de www.bvg-rain.de
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
Carbuna	CARBUNA AG Mendelssohnstraße 2 DE 87700 Memmingen	+49 7303 40600-00 +49 7303 42933-52	info@carbuna.com www.carbuna.com
Casanova	Casanova Biotech GmbH Zugerstraße 35 CH 6318 Walchwil	+41 413 7749-69	casanova.biotech@bluewin.ch
cd Vet	cd Vet 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 Deutschland	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
CERTIS Europe Spanien	CERTIS EUROPE B.V. Sucursal en Espana Bulevar Parque C/Severo Ochoa, 18 2º ES 03203 Elche	+34 96665 107-7 +34 96665 107-6	marin@certiseurope.com www.certiseurope.es
CFR	CFR Biologicals Rosenberg GmbH / Ralf Recknagel Am Sandberg 4 DE 73494 Rosenberg	+49 7967 2909884	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

## Company addresses

Short form	Address	Telephone, Fax	E-mail, Internet
CID LINES	CID LINES NV Waterpoortstraat 2 BE 8900 Ieper	+32 5721 7877 +32 5721 7879	regulatory.affairs@cidlines.com www.cidlines.com
Clean Nature	Clean Nature Solutions GmbH Kamptalstraße 66 AT 3550 Langenlois	+43 2734 32610 +43 2734 32610-20	office@cns-world.com www.cns-world.com
COMEFA	COMEFA Sarl 38 Rue de la Haye FR 67300 Schiltigheim	+31 620 171 222	info@hemat.nl
Comercial Química Massó	COMERCIAL QUÍMICA MASSÓ S.A. Viladomat 321 5° ES 08029 Barcelona	+34 9349 52500 +34 9349 52502	masso@cqmasso.com www.massoagro.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 Lede	+32 5380 9222 +32 5380 9230	c.daem@daemeco.be
DAYMSA	DAYMSA S.A. Camino de Enmedio 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 Bonnel - CS 10005 FR 47480 Pont du Casse	+33 55369 3630 +33 55366 3065	belinm@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
DELA CON	Delacon Biotechnik GmbH Weissenwolffstraße 14 AT 4221 Steyregg	+43 732 640531 +43 732 640533	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

## Company addresses

Short form	Address	Telephone, Fax	E-mail, Internet
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	Deutsche Vilomix Tierernährung GmbH Bahnhofstraße 30 DE 49434 Neuenkirchen-Vörden	+49 5493 9870-0 +49 5493 9870-0	info@vilomix.de www.vilomix.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@vitanal.net www.vitanal.de
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
DSV	Deutsche Saatveredelung AG Weissenburger Straße 5 DE 59557 Lippstadt	+49 2941 296-0 +49 2941 296-100	info@dsv-saaten.de www.dsv-saaten.de
Dudutech	Dudutech IPM Solutions Moi South Lake Road, Kingfisher farm KE 20117 Naivasha	+254 50202 1167	info@dudutech.com
DüKa	DüKa Düngekalkgesellschaft mbH Fraunhoferstraße 2 DE 93092 Barbing	+49 9401 9299-0 +49 9401 9299-50	dueka@dueka.de www.dueka.de
Düngepellet	Düngepellet Produkt und Vertriebs GmbH Finsterwalder Straße 57 DE 01979 Lauchhammer	+49 3574 7671-50 +49 3574 7671-25	webshop@florapell.de www.florapell.de
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

## Company addresses

Short form	Address	Telephone, Fax	E-mail, Internet
EKO STELA	EKO STELA GmbH Stjepana Radica 64, Reka HR 48000 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 Technologiezentrum	EM Technologiezentrum Süd GmbH Ellenberg 111a DE 87499 Wilpoldsried	+49 8304 929696 +49 8304 929698	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-Stärkw	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 9936011 +49 5221 9936013	info@en-crops.de www.en-crops.de
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	energiePLUSagrар GmbH Gerokweg 13 DE 73457 Essingen	+49 7365 41 700 70	heribert.schaedel@energiePLUSagrар.de www.energiePLUSagrар.de
Engelhart	Ludwig Engelhart - Organische Düngemittel Schloßgut Erching DE 85399 Hallbergmoos	+49 811 1737 +49 811 1604	info@ludwig-engelhart.de www.ludwig-engelhart.de
Envital	Envital GmbH Eulenbusch 10 A DE 21391 Reppenstedt	+49 4131 68406-0 +49 4131 68406-20	info@envital.com www.envital.com
Eppinger	Eppinger Lebhafte 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 Obergrößau 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	+49 511 85030-125 +49 511 85030-112	f.martinaugusto@esco-salt.com www.esco-salt.com
Evonik	Evonik Nutrition & Care GmbH Goldschmidtstraße 100 DE 45127 Essen	+49 201 173-3025 +49 201 173-1889	www.break-thru.com
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 91692 +49 7582 91691	info@farmworker.de www.farmworker.de

## Company addresses

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Feldsaaten	Feldsaaten Freudenberg GmbH & Co. KG Magdeburger Straße 2 DE 47800 Krefeld	+49 2151 4417-0 +49 21514417-433	info@freudenberg.net www.freudenberg.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	sales@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
Fertikal	Fertikal N.V. Molenweg Haven 1938 BE 9130 Kallo	+32 3570 0180 +32 3575 8615	vle@fertikal.be www.fertikal.be
FINK TEC	FINK TEC GmbH Oberster Kamp 23 DE 59069 Hamm	+49 2385 730 +49 2385 73349	info@finktec.com www.finktec.com
FireStixx	FireStixx GmbH & Co KG Siemensstraße 1 a DE 84051 Essenbach/Altheim	+49 8703 905880 +49 8703 90588-59	stefan.kaess@firestixx.org www.firestixx.org
Fiterra	Fiterra GmbH Friedrichstraße 88 DE 10117 Berlin	+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
Fuerza 3 Renovables	Fuerza 3 Renovables SL Industrial Park La Merced, # 10-11 ES 11408 Jerez de la Frontera (Cadiz)	+34 681 688995	fuerza3renovables@gmail.com www.fuerza3.es
Futerri	Futerri GmbH Binger Straße 6 DE 55435 Gau-Algesheim	+49 171 101 5528	arnim.weyrich@gmx.de
GAIAGO	GAIAGO SAS ZA Sortoire FR 35560 Saint Remy du Plain	+33 299 887391	samuel.marquet@gaiago.eu www.gaiago.eu
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

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Geofert	GeoFert Germany GmbH Koppelbergstraße 4 DE 17166 Teterow	+49 3996 1578 763 +49 3996 1578 764	info@geofert.de www.geofert.de
Geohumus	Geohumus GmbH Alt-Fechenheim 34 DE 60386 Frankfurt	+49 69 4786948-0 +49 69 4786948-13	info@geohumus.com www.geohumus.com
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
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	bestellungen@gruenkraft.eu www.gruenkraft.eu
GRUPO AGROTECNOL OGÍA	GRUPO AGROTECNOLOGÍA SL Polígono Industrial Puente Alto, parcela 57 ES 03300 Orihuela - Alicante	+34 96 6738 232 +34 96 5302 115	info@agrotecnologia.net www.agrotecnologia.net
Grüske	Gebrüder Grüske GmbH Erfurter Ring 11 DE 90765 Fürth	+49 911 527899-10 +49 911 527899-07	grueske@g-bakterien.de www.g-bakterien.de

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Hähnel & Möhlenkamp	Agro Team Hähnel & Möhlenkamp OHG Buchenweg 2 DE 49774 Löhden	+49 5964 9399993 +49 5964 1749	service@agroteam-ohg.de www.agroteam-ohg.de
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
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
Hartsteinwerk Kitzbühel	Hartsteinwerk Kitzbühel GesmbH Franz Cervinka Weg 3 AT 6372 Oberndorf /Tirol	+43 5356 64333-0 +43 5356 64333-5028	info@hwk.at www.hwk.at
Hauert Günther	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 du Commandant Reynier FR 67250 Hunspach	+33 388 545 174	contact@hbco.fr http://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
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
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	+4959314962470	info@tiergesundheit-emsland.de www.tiergesundheit-emsland.de
Hofmann	Hofmann Nutrition AG Industriestraße 27 CH 4922 Bützberg	+41 62 958 8080 +41 62 958 8096	info@hokovit.ch www.hokovit.ch

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HRD	HRD GmbH Dingsfelder Weg 2 DE 26215 Wiefelstede	+49 4402 598506 +49 4402 598104	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	Frank.Blecher@desical.de www.desical.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 5793756	info.fertilizers.de@icl-group.com www.iclfertilizers.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
Industrias Bionaturales	Industrias y Manufacturas Bionaturales S.A. Calle Principal, Casa 126 PA Buena Vista Colon	+1 416 854 2433	ioan.hossu@ihoagro.com www.ihoagro.com
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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
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

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Italpollina	Italpollina Deutschland Sonnwendstraße 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
JAF ITEC	JAF ITEC GROUP Gluckstraße 57 DE 22081 Hamburg	+49 40 88174535 +49 40 53026030	info@itecglobalgroup.com www.itecglobalgroup.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 KALI	K+S KALI GmbH Bertha-von-Suttner-Straße 7 DE 34131 Kassel	+49 561 9301-2260 +49 561 9301-46906	Peter.Scheer@k-plus-s.com www.kali-gmbh.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
Kanne	Kanne Brottrunk GmbH & Co. KG Bahnhofstraße 68 DE 59379 Selm-Bork	+49 2592 97400 +49 2592 61370	Tobias.Boehnke@kanne-brottrunk.de www.kanne-brottrunk.de
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	info@anti-germ.de www.anti-germ.de
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

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Kleeschulte	Kleeschulte Erden GmbH & Co. KG Briloner Straße 14 DE 59602 Rüthen	+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 Schönthal 10 DE 51588 Nürnbrecht	+49 2293 81925-0	kontakt@eierschachteln.de www.eierschachteln.de
Knauf Aquapanel	Knauf Aquapanel GmbH Kipperstraße 19 DE 44147 Dortmund	+49 231 9980-01 +49 231 9980-183	perlite.info@knauf.com www.knauf-aquapanel.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
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
Koppert	Koppert B.V. Veilingweg 14 NL 2651 BE Berkel en Rodenrijs	+31 10 5140444 +31 10 5115203	info@koppert.nl www.koppert.com
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 Crtá. de la paz / km 1 ES 14100 La Carlota (Córdoba)	+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
LENATEC	LENATEC GmbH, Cunnersdorf Horkaer Straße 1B DE 01920 Räckelwitz-Neudörfel	+49 35796 8859-88 +49 35796 8859-77	fabig@lenatec.de

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Lexa	Xaver Scheule GmbH Lexa@-Tierernährung Riedweg 12 DE 87757 Kirchheim	+49 8266 8625-0 +49 8266 8625-28	<a href="mailto:info@lexa-agrar.de">info@lexa-agrar.de</a> <a href="http://www.lexa-agrar.de">www.lexa-agrar.de</a>
LIDA	LIDA PLANT RESEARCH C/Granja, 12 ES 46440 Almussafes/Valencia	+34 9617 67033 +34 9617 67032	<a href="http://www.lidaplantresearch.com">www.lidaplantresearch.com</a>
Lithos	LITHOS Natural GmbH Wirtschaftspark Straße 2/8 AT 4482 Ennsdorf	+43 7223 86161-0 +43 7223 86161-15	<a href="mailto:office@lithosnatural.at">office@lithosnatural.at</a> <a href="http://www.lithosnatural.at">www.lithosnatural.at</a>
Lukeneder	Lukeneder GmbH Lindenplatz 2 DE 08058 Zwickau	+49 37604 7488-0 +49 37604 7488-29	<a href="mailto:info@lukeneder.de">info@lukeneder.de</a> <a href="http://www.lukeneder.de">www.lukeneder.de</a>
Lysoform Vetfarm	Lysoform Vetfarm GmbH Kaiser-Wilhelm-Straße 133 DE 12247 Berlin	+49 800 1011 765 +49 30 2349 3599	<a href="mailto:info@lysoform-vetfarm.de">info@lysoform-vetfarm.de</a> <a href="http://www.lysoform-vetfarm.de">www.lysoform-vetfarm.de</a>
M4 Bio	M4 Bio GmbH & Co. KG Dorfau 59 DE 16727 Oberkrämer		<a href="mailto:reiling@m4bio.de">reiling@m4bio.de</a>
Mack	Mack bio-agrar GmbH Wiesenstraße 39 DE 73614 Schorndorf	+49 711 957949-11 +49 711 957949-81	<a href="mailto:verkauf@mack.bio-agrar.de">verkauf@mack.bio-agrar.de</a> <a href="http://www.mack.bio-agrar.de">www.mack.bio-agrar.de</a>
Mairol	Mairol GmbH Bahnhof 5 DE 89547 Gussenstadt	+49 7323 9613-0 +49 7323 9613-13	<a href="mailto:info@mairol.de">info@mairol.de</a> <a href="http://www.mairol.de">www.mairol.de</a>
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Maschinenring	Maschinenring Tuttlingen- Stockach GmbH Rudolf-Diesel-Straße 10 DE 78576 Emmingen-Liptingen	+49 7465 929677-0 +49 7465 929677-90	<a href="mailto:info@mr-tut-sto.de">info@mr-tut-sto.de</a> <a href="http://www.mr-tut-sto.de">www.mr-tut-sto.de</a>
Max F. Keller	Max F. Keller Chemikalien- großhandel GmbH Einsteinstraße 14a DE 68169 Mannheim	+49 621 32279-0 +49 621 32279-27	<a href="mailto:info@keller-mannheim.de">info@keller-mannheim.de</a> <a href="http://www.keller-mannheim.de">www.keller-mannheim.de</a>
meinBiogarten	meinBiogarten Gerhard Schumacher Nitzenweiler 17 DE 88079 Kressbronn	+49 7543 547 331	<a href="mailto:info@mein-biogarten.com">info@mein-biogarten.com</a> <a href="http://www.mein-biogarten.com">www.mein-biogarten.com</a>
Melotis	Melotis GmbH Grüner Weg 1 DE 21271 Asendorf	+49 4183 774484 +49 4183 774632	<a href="mailto:info@melotis.de">info@melotis.de</a> <a href="http://www.melotis.de">www.melotis.de</a>
Menno	MENNO CHEMIE-VERTRIEB GMBH Langer Kamp 104 DE 22850 Norderstedt	+49 40 5290667-0 +49 40 5290667-66	<a href="mailto:info@menno.de">info@menno.de</a> <a href="http://www.menno.de">www.menno.de</a>
Microsol	Microsol-Biozida Handels-GmbH Leinestraße 17 DE 24539 Neumünster	+49 4321 9838-0 +49 4321 9838-99	<a href="mailto:info@microsol-biozida.de">info@microsol-biozida.de</a> <a href="http://www.microsol-biozida.de">www.microsol-biozida.de</a>

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MONTEX	MONTEX GmbH Horber Gäßle 7 DE 72186 Empfingen	+49 7485 998080 +49 7485 998088	montex@montex-gmbh.de www.montex-gmbh.de
Moser Niem-Handel	Niem-Handel Gerald Moser Waldstraße 3 DE 64579 Gernsheim	+49 6258 949555 +49 6258 949557	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
Mühldorfer Nutrition	Mühldorfer Nutrition AG Edisonstraße 11 DE 84453 Mühldorf	+49 8631 98822-0 +49 8631 98822-55	info@muehldorfer-ag.de www.muehldorfer-pferdefutter.de
Multikraft	MULTIKRAFT Produktions- und HandelsgmbH Sulzbach 17 AT 4632 Pichl/Wels	+43 7247 50250-112 +43 7247 50250-912	sabine.fruehauf@multikraft.at www.multikraft.com
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MZB	MZB GmbH Landhandel u. Spedition Striekelner Straße 8 DE 49577 Eggermühlen	+49 5439 8080821 +49 5439 8080888	info@mzb-transporte.de www.fluessigfutter.de
nadicom	nadicom Gesellschaft für angewandte Mikrobiologie mbH Siemensstraße 23 DE 73066 Uhingen	+49 171 8112192	verkauf@rhizopower.com rhizopower.com
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
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natursache	natursache.de Eichamtstraße 1 DE 14776 Brandenburg an der Havel	+49 3381 347247	info@natursache.de www.natursache.de
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NORDOX	NORDOX A.S. Østensjøveien 13 NO 0661 Oslo	+47 2297 5000 +47 2264 1208	marketing@nodox.no www.nodox.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
NOVADAN	NOVADAN APS Platinvej 21 DK 6000 Kolding	+45 7634 8400	tit@novadan.dk www.novadan.dk
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
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
Nutrilac	Nutrilac SAS Rue de la Laiterie FR 62180 Verdon	+33 321843434	contact@nutrilac.fr www.nutrilac.fr
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
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	Olmix SA ZA du Haut du Bois FR 56580 Bréhan	+33 297 388-103 +33 297 388-658	contact@olmix.com www.olmix.com
Olmix - PRP	Olmix Group - PRP GmbH Am Staden 13 DE 66121 Saarbrücken	+49 5132 58944-14 +49 5132 58944-15	jturnau@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
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

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ORGANICOS PEDRIN	ORGANICOS PEDRIN S.L. Paraje La Aomada, 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	dirk.osada@osenum.com www.osenum.com
Otterbein	Zement- und Kalkwerke Otterbein GmbH & Co. KG Hauptstraße 50 DE 36137 Großenlüder-Müs	+49 6648 68-0 +49 6648 68-400	info@zkw-otterbein.de www.zkw-otterbein.de
PBI Austria	PBI Austria GmbH Fabriksplatz 1/22 AT 4662 Steyrermühl	+43 676 4046400	office@pbi-austria.at www.pbi-austria.at
Penergetic	Penergetic Vertrieb Deutschland e. K. Im Grüber 7 DE 88662 Überlingen	+49 7551 9478-41 +49 7551 9478-43	info@penergetic.de www.penergetic.de
Pflanzen- und Bodenpflege	Pflanzen- und Bodenpflege Begnizweg 15 DE 97996 Niederstetten	+49 7932 60210	post@karl-sachsenheimer.de www.bodenundpflanzen.de
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
PLYMAG	PLYMAG S.L. Pol. Ind. Sector 2 C/ Dénia No 126 ES 03780 Pego (Alicante)	+34 965 570 454	+34 965 570 992 www.plymag.com
PLYMAG	PLYMAG S.L. Pol. Ind. Sector 2 C/ Dénia No 126 ES 03780 Pego (Alicante)	+34 965 570 454	info@plymag.com www.plymag.com

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proflora	proflora GmbH Beckerfelder Straße 96 DE 47269 Duisburg	+49 203 712 99 715 +49 203 713 5418	info@proflora.de www.proflora.de
Progema	Progema GmbH Blankschmiede 6 DE 31855 Aerzen	+49 5154 7056-0 +49 5154 7056-299	info@progema-pflanzenschutz.de www.prgema-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
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
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	chughes04@gmail.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
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.co m 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

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Rinagro	Rinagro B.V. Buren 4 NL 8756 JP Piaam	+31 515 232 724 +31 515 233 122	info@rinagro.nl www.rinagro.nl
RLP	RLP AgroScience GmbH Breitenweg 71 DE 67435 Neustadt/Weinstraße	+49 6321 671-285 +49 6321 671-424	roland.kubiak@agroscience.rlp.de www.agroscience.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 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@andocia.com.ar www.andocia.com.ar
Salinen Austria	Salinen Austria AG Steinkogelstraße 30 AT 4802 Ebensee	+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
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 9335-0 +49 7461 9335-44	info@sanovita-gmbh.de www.sanovita-gmbh.de
sansolum	sansolum GmbH & Co. KG Rösnerstraße 26 DE 83052 Bruckmühl	+49 8062 70199-31 +49 8062 70199-28	info@sansolum.de www.sansolum.de
Sapropeet	Sapropeet Deutschland Brockhausener Straße 70 DE 59227 Ahlen	+49 2382 86456 +49 2382 7041141	info@sapropeet-deutschland.de www.sapropeet-deutschland.de
Saproplant	V. Golub - Saproplant Usedomstraße 1 DE 47167 Duisburg	+49 178 5531320 +49 203 3929 411	v.golub@saproplant.com

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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 Büttenweg 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
Schön	Albert Schön GmbH Lerchenweg 9 DE 85411 Hohenkammer-Eglhausen	+49 8166 6554 +49 8166 5147	info@albert-schoen.de www.albert-schoen.de
Schorr	Andreas Schorr GmbH & Co. KG, Dolomit- und Kalkwerk Stufenburgstraße 22 DE 98148 Baunach	+49 9544 6006 +49 9544 2102	info@andreasschorr.de www.andreasschorr.de
Schweizer	Schweizer ideen-Werkstatt Westerbachstraße 3 DE 61476 Kronberg	+49 6173 96562-93 +49 6173 96562-95	info@iris-schweizer.de www.iris-schweizer.de
Seed and Technology	S & T Seed and Technology GmbH Bösendorfer Straße 1 AT 1010 Wien	+43 676 963 2578	spasha@seedandtech.at
SEIPASA	SEIPASA S.A. C/Almudévar, no. 2 ES 22240 Tardiente (Huesca)	+34 9625 41163 +34 9625 41633	pmora@seipasa.com
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 Soepenberg	SF Soepenberg GmbH Emil-Fischer-Straße 14 DE 46569 Hünxe	+49 281 47556 +49 281 47556-00	sales@soepenberg.com
Sikma	Sikma D Vertriebs GmbH und Co KG Schürmannstraße 28 DE 48351 Everswinkel	+49 2582 65864 +49 2582 65865	sikma@gmx.net www.hs-sikma.de

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Sipcam	SIPCAM IBERIA S.L. Beltrán Báguena 5, 11° ES 46009 Valencia	+34 9634 83500 +34 9634 82721	dmulas@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
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
Spower	Spower GmbH & Co. KG Tuchmacherstraße 16 DE 84367 Tann	+49 8572 91010 +49 8572 91012	info@spower-bio.de www.spower-bio.de
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
Stoller	STOLLER EUROPE S.L.U. P.I. Pla de 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
SUET GmbH	SUET Saat- und Erntetechnik GmbH Sudetenlandstraße 26 DE 37269 Eschwege	+49 5651 9275 +49 5651 927324	info@suet.de www.suet.de

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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
Tekro	Tekro, spol. s r.o. Višňová 2/484 CZ Prague 4, 140 00	+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 Maroldsweisach-Pfaffendorf	+49 9535 188107-0 +49 9535 188107-0	info@terrafit.de www.terrafit.de
Tessenderlo	Tessenderlo Kerley Inc. Troonstraat 130 BE 1050 Brussels	+32 1361 1860	jo.vandormael@tessenderlo.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
THESEO	THESEO Deutschland GmbH Kolpingstraße 4 DE 49835 Wietmarschen	+49 5925 9933-0 +49 5925 1433	info@ewabo.de www.ewabo.de
Tilco	Tilco Alginure GmbH Holländerkoppel 1a DE 23858 Reinfeld	+49 4533 20800-0 +49 4533 20800-11	info@alginure.de www.alginure.de
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@alginit.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
Tratamientos Bio-Ecologicos	Tratamientos Bio-Ecologicos S.A. Calle Sierra de la Pila 11 ES 30730 San Javier / Murcia	+34 96857 2004 +34 9681 92251	pcx@trabe.net www.trabe.net
Tremonis	TREMONIS 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

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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 Str. 46 LT 03229 Vilnius	+370 620 88530	arturas@biodinamika.lt www.biodinamika.lt
UAB Bioenergy	UAB Bioenergy LT Staniunu Str. 83 LT 36151 Panevėžys	+370 657 86421	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
Uni Sapon	Uni Sapon GmbH Albert-Schädler-Straße 7 AT 6800 Feldkirch	+43 5522 23440 30	tobias@uni-sapon.com www.uni-sapon.de
Uniform	Uniform GmbH & Co. KG Brede 4 DE 59368 Werne	+49 2389 7978-455 +49 2389 7978-280	hansmartin.schmitz@uniform.de www.uniform.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
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 E&S GmbH Schäferberg 26 DE 89349 Burtenbach	+49 8285 99995 40 +49 8285 99995 41	info@vetro-star.de www.vetro-star.de
Vitalin	Vitalin Pflanzengesundheit GmbH Pragelatostraße 113 DE 64372 Ober-Ramstadt	+49 6154 6254-0 +49 6154 6254-30	info@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
VUXXX	VUXXX GmbH Friederikenstraße 11 DE 26871 Papenburg	+49 4961 98288-0 +49 4961 98288-24	office@vuxxx.eu www.vuxxx.eu

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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 Friedhofsweg 2 DE 19372 Herzfeld	+49 38 7528898-40 +49 38 7528898-46	wichi-trade@web.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
Wilhelm Haug	Wilhelm Haug GmbH & Co. KG Heerdter Landstraße 199 DE 40549 Düsseldorf	+49 211 5064-255 +49 211 5064-102	duengerprofi@manna.de www.manna.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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