

Product catalogue ORGANIC







In **DASA** we believe in sustainable and environmentally friendly agriculture. That is why we have developed our organic ELFER product line for organic fertilization, tailored to the nutritional needs of organic crops. We can adapt formulations to the needs of our clients from all over the world, according to the laws applicable in each country.

The **ELFER** product organic line is manufactured with top quality raw materials to provide the highest performance to your crops. They are certified through prestigious certifying entities such as BCS-OKO Garantie and CAAE. You can find additional information at www.dasaelfer.com or contact our Agronomic department for assistance.

We have a wide range of packaging formats and we adapt product orders to your needs. Do not hesitate to contact us!

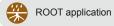








FOLIAR application







SOLID



NITRO Nitrogen fertilizer (16) of plant origin

N fertilizer (16-0-0) with amino acids from hydrolyzed vegetable protein origin highly absorbable by the plant. It enhances vegetative growth during the beginning of the crop cycle and improves the plant's defenses, protecting it from stressful situations

Free amino acids	12.40
Total nitrogen (N)	16.25
Total organic nitrogen (N)	15.00
Total nitrogen (N)	16.25

DOSE (Foliar) 150 - 500 g/hl

DOSE (Radicular)

10 - 20 kg/ha Fertilizer usable in organic plant production according to R (EU) 2018/848 in compliance with the UNE 142500 Standard.





Osmotic optimizer against abiotic stress

Vegetable concentrate based glycine betaine with an osmoprotective action that balances the water exchange between the plant and the environment. Increases resistance stress situations and favors the flowering and fruiting process.

COMPOSITION (/o W/ W)	
Glycine betaine	
Total organic matter	
Total nitrogen (N)	
Total organic nitrogen (N)	
Organic carbon (C)	57.0
C/Ñ ratio	5.0
DOSE (Foliar)	Formulation
200 - 400 g/hl	Solid
•	

CALE

Fertilizer usable in organic plant production according to R (EU) 2018/848 in compliance with the UNE 142500 Standard.



Soil health and structure regenerator

Exclusive organic amendment with organic acids of plant origin, which, applied to the soil improves its structure. It increases the water retention capacity of the soil, helps to unblock nutrients, improves their assimilation and increases the microbial population of the soil.

Composition (% w/w)

Total humic extract	
Humic acids	7.0
Fulvic acids	
Water-soluble potassium oxide (K,O)	5.0

DOSE (Radicular)

Formulation

0

accordance with regulation (EC) No. 2021/1165, Annex II (EU) and USDA/NOP-Final rule (EEUU) § 205.601()(3).





BIOROOT

Root system biostimulator

Concentrated biostimulant activator of the root, vegetative and fruit growth. Increases the plants own defenses against abiotic stress and increases the absorption capacity of nutrients.

absorption capacity of nutrients

Composition (% w/w)

Seaweed extract (Ascophyllum nodosum)

Free amino acids

Total nitrogen (N).

Total organic nitrogen (N).

Water-soluble boron (B).

Water-soluble iron (Fe).

Water-soluble iron (Fe).

Water-soluble iron (Fe).

Water-soluble iron (Fo).

Mannitol ...

Water-soluble iron (Fo). luble sulphur trioxide (SO.). DOSE (Radicular): Formulation

1.5 - 3 l/ha

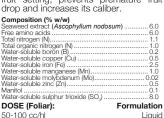




Concentrated biostimulant promotes flower buds growth, improves fruit setting, prevents premature fruit

Composition (% w/w)	
Seaweed extract (Ascophyllum nod	
Free amino acids	6.0
Total nitrogen (N)	1.1
Total organic nitrogen (N)	1.0
Water-soluble boron (B)	0.2
Water-soluble copper (Cu)	0.5
Water-soluble iron (Fe)	
Water-soluble manganese (Mn)	
Water-soluble molybdenum (Mo)	0.02
Water-soluble zinc (Zn)	0.5
Manitol	0.1
Water-soluble sulphur trioxide (SO ₂)	8.0
DOSE (Foliar):	Formulation

compari compatible for use in organic agriculture in accordance with regulation (EC) No. 2021/1165, Annex II (EU) and USDA/NOP-Final rule (EEUU) § 205.601()(1).





ALGAE

Ascophyllum nodosum 24% extract

Liquid algae extract with a high content of auxins and natural cytokinins that enhance fruit setting and cell division. It helps crops to overcome abiotic stress conditions and improves their metabolism.

Composition (% w/w)	
Seaweed extract (Ascophyllum nodosum)2	
Alginic acid	
Mannitol	.0.

DOSE (Foliar)

Formulation Liauid

continuation tor use in organic agriculture accordance with regulation (EC) No. 2021/116 Annex II (EU) and USDA/NOP-Final rule (EEUU) 205.601((i)).





ALGAE PLUS

Ascophyllum nodosum 50% (w/v) extract High concentration seaweed extract

with growth-promoting phytohormones that boosts plant's defenses and stimulate its metabolism, improving flowering, fruit set and growth.

Composition (% w/w)
Seaweed extract (Ascophyllum nodosum)....40.5 Alginic acid...... Water-soluble potassium oxide (K,O)...

DOSE (Foliar)

Formulation

CALE

rentilizer usable in organic plant production according to R (EU) 2018/848 in compliance with the UNE 142500 Standard



PERCOL

Soil conditioner

Polymer of organic acids and calcium that improves the salts lixiviation and increases the drainage capacity of the soil. It favors the colloidal fraction of organic matter. It improves porosity in cracked or hardened soils, correcting the soil structure and improving aeration.

Composition (% w/w) Water-soluble calcium oxide (CaO)14.0

DOSE (Radicular)

Formulation Liquid





TSA Fe

Iron complexed by heptagluconic acid (HGA)

Easily assimilable complexed iron that increases the plant development. The iron participates in the synthesis of chlorophyll, and improves photosynthesis and vegetative growth, increasing the synthesis of photoassimilates.

Composition (% w/w)
Water-soluble iron (Fe)12.0
Total iron (Fe) complexed by HGA12.0

DOSE (Foliar) Formulation 100 - 150 g/hl

DOSE (Radicular) 1 - 3 kg/ha

compatible for use in organic agriculture in ice with regulation (EC) No. 2021/1165,



TSA Mn

Manganese complexed by heptagluconic acid (HGA)

Complexed manganese of high assimilation by the plant that promotes the growth of lateral roots and activates cell elongation. It improves the chlorophyll synthesis in the plant, as well as the growth of the pollen tube during flowering.

Composition (% w/w)	
Water-soluble manganese (Mn)	12.0
Manganese (Mn) complexed by HGA	120

DOSE (Foliar) Formulation

100 - 200 g/hl DOSE (Radicular)

1 - 3 kg/ha

mpatible for use in organic agriculture in with regulation (EC) No. 2021/1165,





TSA Zn

Zinc complexed by heptagluconic acid (HGA)

Complexed zinc of easy assimilation that promotes growth, flowering and fruit setting. Its use during flowering and fruit set is essential, and enhances the synthesis of auximation improves pollen for the state of the setting and the setting of t fertility and fruit setting success.

Composition (% w/w)	
Water-soluble zinc (Zn)14	
Total zinc (Zn) complexed by HGA14	.0

DOSE (Foliar) Formulation 75 - 100 g/hl

DOSE (Radicular) 1 - 3 kg/ha

compatible for use in organic agriculture in ce with regulation (EC) No. 2021/1165,





TSA Cu

Copper complexed by heptagluconic acid (HGA)

Copper complex that promotes the synthesis of phytoalexins and lignins. It stimulates the plants self-defense system protecting it from external

Composition (% w/w)		
Water-soluble copper (Cu)	.13.	.(
Total conner (Cu) complexed by HCA	12	1

DOSE (Foliar) Formulation

100 - 150 g/hl DOSE (Radicular) 1 - 1.5 kg/ha

compatible for use in organic agriculture in ice with regulation (EC) No. 2021/1165,





BIOFER

Iron chelate EDDHA - 4.8 o-o

High quality and soluble chelated iron. Formulated with EDDHA to protect iron in alkaline soils and/or waters and improve its assimilation by crops. Recommended to correct iron deficiencies in fruit trees and vegetables.

DOSE (Radicular)

Formulation 10 - 12 kg/ha

ompatible for use in organic agriculture in e with regulation (EC) No. 2021/1165, accordance Annex II (EU).





GREENFIELDS

Iron chelate EDDHA - 3.5 o-o

High quality soluble iron chelate. Formulated with EDDHA to correct iron deficiencies and increase its stability in alkaline soils and/or waters. Recommended to prevent iron chlorosis, especially in horticultural crops.

copositing in the treatment of ope.
Composition (% w/w)
Water-soluble iron (Fe)6.0
Iron (Fe) chelated by (o-o) EDDHA3.5

DOSE (Radicular)

10 - 12 kg/ha

Formulation

compatible for use in organic agriculture in ce with regulation (EC) No. 2021/1165,





Solid mixture of **EDTA/HGA** micronutrients

Highly soluble multiple deficiency corrector that stimulates vegetative growth and increases the metabolic and enzymatic activity of the plant. It is stable in a wide pH range (2-12) and can be easily absorved via radicular or foliar application.

Composition (% w/w)	
Water-soluble boron (B)	0.7
Copper (Cu) EDTA/HGA	0.3
Iron (Fe) EDTA/HGA	7.5
Manganese (Mn) EDTA/HGA	3.3
Water-soluble molybdenum (Mo)	0.1
Zinc (Zn) EDTA/HGA	0.6
DOSE (Foliar)	Formulation

100 - 300 a/hl DOSE (Radicular)

1.5 - 3 kg/ha

Fertilizer compatible for use in organic agriculture in accordance with regulation (EC) No. 2021/1165, Annex II (EU).





Micronutrients mix for fruit trees

Liquid mixture specifically formulated to maintain the optimal level of micronutrients in fruit trees. It prevents and corrects nutritional deficiencies, thus increasing crop production.

Composition (% w/w)	
Water-soluble boron (B)	0.5
Water-soluble iron (Fe)	2.5
Water-soluble manganese (Mn)	2.5
Water-soluble molybdenum (Mo).	0.02
14/-4	4 -

Water-soluble zinc (Zn) DOSE (Foliar) Formulation

DOSE (Radicular)

Fertilizer compatible for use in organic agriculture in accordance with regulation (EC) No. 2021/1165, Annex II (EU).





LVATE

Calcium complexed by lignosulfonate (LS)

Ilgnosulfonate (LS)
Calcium solution complexed by lignosulfonate (LS) and designed to increase the efficient assimilation of calcium. Its formulation improves the calcium mobility inside the plant, increasing the plant and fruit firmness. Specially recommended for thin-skinned fruits.

Composition (% w/w) Water-soluble calcium oxide (CaO)11.0 Calcium oxide (CaO) complexed by LS ...11.0

DOSE (Foliar) 200 - 300 g/hl

DOSE (Radicular) 5 - 25 l/ha

Fertilizer compatible for use in organic agriculture in accordance with regulation (EC) No. 2021/1165, Annex II (EU).



Formulation



Magnesium complexed by lignosulfonate (LS)

Magnesium solution complexed by lignosulfonate (LS) designed to efficiently assimilate the nutrients via foliar, correct assimilate the future its via foliar, correct magnesium deficiencies and boost the crop yield. It activates the plant's metabolism and promotes the transport and accumulation of sugar in the fruits.

Composition (% w/w)
Water-soluble magnesium oxide (MgO)6.5
Magnesium (MgO) complexed by LS.......6.5

DOSE (Foliar) 200 - 300 g/hl

DOSE (Radicular)

CC issued by KIWA BCS, product compatible with NOP regulation for use in organic crops as



Formulation

Liquid



BORO

Concentrate boron solution

solution Concentrate of boron complexed with ethanolamine, specially designed for the prevention and correction of boron deficiency in crops. It improves the calcium transport, pollen germination and fruit setting.

Composition (% w/w) Water-soluble boron (B). 11.0

DOSE (Foliar)

Formulation

Fertilizer compatible for use in organic agriculture in accordance with regulation (EC) No. 2021/1165, Annex II (EU).





T34 Biocontrol

Trichoderma (1x10¹² UFC*/kg)
Innovative and highly concentrated biofungicide which controls crop diseases and protects plants from pathogens. It also produces antifungal compounds that act against fungal diseases and the parasitic contential in permatorial acceptantial in permatorial acceptance acceptantial acceptantia potential in nematodes, accelerating the development of the root system.

Composition (% w/w)
Trichoderma asperellum strain T34

1012 colony forming units per kg of dry weight

DOSE (Foliar) 50 - 150 g/hl DOSE (Radicular)

500 g/ha

Formulation







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Our quality and environmental management systems are annualy certified by:

