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We are... **Pioneers in biostimulation and plant nutrition**

Milagro's story starts in 1988 in Italy and, in a very short time, the company becomes a pioneer and a leader in the production of innovative biostimulants and nutritional solutions. Research has been our main guiding principle ever since. Our product portfolio is the result of continuous R&D activity, both in our internal department and in association with universities and international research institutes. Our aim is to meet the needs of the modern agricultural markets, which requires more sustainable crop productions and yields.



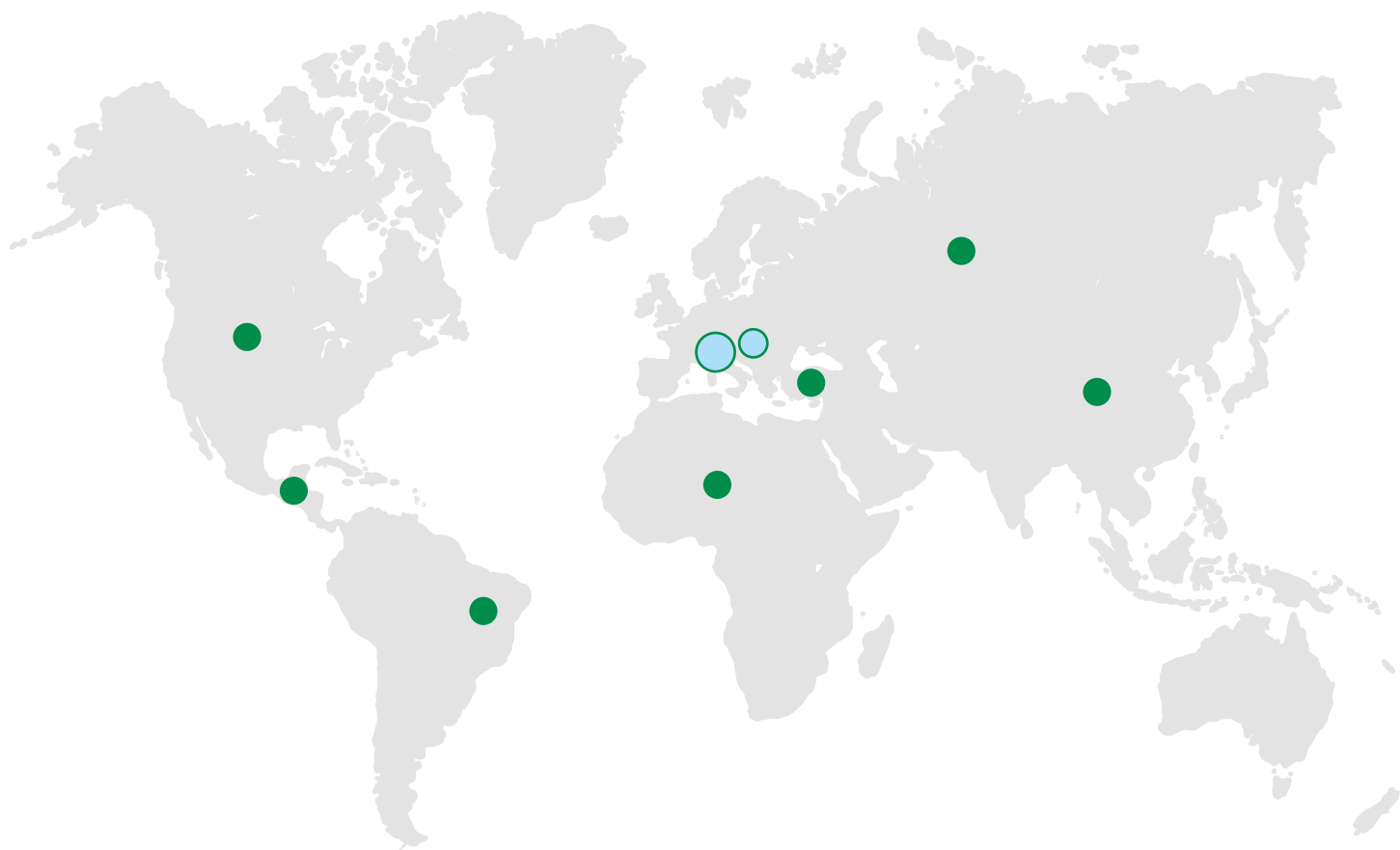
We are... **“The Italian Fertilizer Loved Worldwide”**

Brand identity plays a key role in differentiating Alba Milagro from its competitors and is, in fact, expressed in its payoff *“The Italian Fertilizer Loved Worldwide”*. Milagro's fertilizers are 100% made in Italy and their quality is recognized at global level. Milagro can rely on a strong network of local partners whose cooperation is crucial to generate new business opportunities.

We are... International

Over the years, Milagro has developed a distribution network that today covers more than 50 countries in Central and South America, Africa, China, Far East, the Mediterranean basin and the main Arab countries.

In 2018, we also opened a subsidiary in Hungary, Alba Milagro Hungary Kft., which consolidated our presence in Eastern Europe. It was an important step for Milagro's growth in this area.



We are... Certified

Thanks to its continuous commitment, Milagro gained the UNI EN ISO 9001 certification in 2013. This means that the company has implemented and maintains a quality management system which complies with ISO standards for the following activities: *“Research and development, production and sale of liquid and powder fertilizers for agriculture”*.



We are... Excellent products

Our extensive knowledge in crop nutrition, together with our experience in the manufacturing process and the excellent quality of technologies and products make us a reliable, professional partner in the world of plant nutrition.

We are... Service & Support

For decades, we have been assisting our clients on a daily basis: Milagro is by their side in developing the ideal nutritional strategy for every crop, so as to provide them with the most effective solutions. Our products are designed to improve the biological efficiency of nutritional components and promote the natural growth of plants.



We are... Organic

We care for the environment. In fact, many Milagro products can be used in organic farming (EU Regulation 2018/848 and 1165/2021) and are an important base for this rapidly evolving market. Milagro produces sustainable fertilizers which respect natural resources (water, soils and air) and biodiversity, according to the highest technological standards.





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● *PRODUCT ALLOWED
IN ORGANIC FARMING*



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Selected and tested in our labs, these products have been used in a vast array of agricultural contexts. These high yield nutritional supplements provide crops with greater stress resistance and maintain optimal rates of growth, even in difficult conditions.



- Antistress action against drought, soil salinity and temperature excursions
- Antioxidant & detoxifying agent
- When mixed with Plant Protection Products, ACTIFOL reduces possible negative side effects on plants

CHARACTERISTICS

ACTIFOL is an exclusive Milagro specialty based on AATC (N-acetyl-thiazolidine-4-carboxylic acid) and Folic Acid. AATC is the precursor of Proline (anti-stress amino acid) & Cystine (metabolism activator). Folic Acid stimulates cell division and protein synthesis improving the metabolism of the plant.

RESULTS

ACTIFOL keeps the plant fit to fight against abiotic and biotic stresses. Greater resistance to stresses and improved efficiency of physiological activities can be obtained by applying ACTIFOL, resulting in higher yields and higher quality of the production.



CONTROL

ACTIFOL



APPLICATION RATE

Crop	Foliar spray (L/ha)	N° of applications	Timing of applications
cereals & industrial crops	0,5 - 1*	1 - 3	with herbicides or pesticides
fruit trees	0,5 - 1*	3	every 7 - 10 days from complete petal fall
vegetables	0,5 - 1*	3	every 7 - 10 days from complete petal fall

*Or 100-250 ml/100 L water

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	15,0	16,8
- Ureic nitrogen (N-NH ₂)	15,0	16,8
Biuret	< 0,4	< 0,45
AATC (N-acetyl-thiazolidine-4-carboxylic acid)	5,0	5,6
Folic Acid	0,1	0,11

APPEARANCE	Liquid
COLOUR	Yellow
pH	7,0÷8,0 at 20 °C
DENSITY	1110÷1130 g/L at 20 °C
PACKAGING	1L (1Lx16)





- Starter effect
- Overcomes transplanting stress
- Balances roots and vegetative growth

CHARACTERISTICS

ACTIVA is a special activator rich in Nitrogen and Phosphorus, enriched with Zinc, seaweed extracts and amino acids. **ACTIVA** promotes the roots development and the biological activity of the soil microorganisms.

RESULTS

ACTIVA is the perfect fertilizer to be applied shortly before/after transplanting as it releases gradually the proper quantity of Nitrogen and Phosphorus needed by the plant in the first growth stages. The amino acids stimulate the activity of the soil microorganisms and the natural fertility; the seaweed extracts rich in natural phytohormones and organic compounds will stimulate and regulate a uniform plant growth even in the presence of abiotic stress conditions.



APPLICATION RATE

Crop	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
cereals and industrial crops	1 - 2		1 - 2	mixed with pesticides or herbicides in early stages
fruit trees, grape, olive trees	2 - 4	10 - 20	1 - 2	during early vegetative development
vegetables and ornamental crops	2 - 4	10 - 20	2 - 3	after transplanting during the vegetative development
greenhouse crops		10 - 20	2 - 3	after transplanting during the vegetative development

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	10,2	12,1
- Organic nitrogen (N-CO)	0,8	0,9
- Ammoniacal nitrogen (N-NH ₄)	3,0	3,6
- Ureic nitrogen (N-NH ₂)	6,4	7,6
Biuret	< 0,17	< 0,20
Phosphorus pentoxide (P ₂ O ₅) water soluble	10,2	12,1
Organic carbon (C)	3,1	3,7
Zinc (Zn) water soluble, chelated by EDTA	0,15	0,18
Vegetal extracts	3,2	3,8
Proteins	3,3	3,9

APPEARANCE	Liquid
COLOUR	Brown
pH	6,0÷8,0 at 20 °C
DENSITY	1180÷1200 g/L at 20 °C
PACKAGING	6L (6Lx2); 20L





- Improves photosynthesis
- Increases resistance to abiotic stress
- Works as carrier/chelating agent
- Promotes protein biosynthesis & phytohormones biosynthesis
- Improves microbial balance and activity in the soil

CHARACTERISTICS

AMINOTON is a strong energizer with high Nitrogen and Organic Carbon content composed by a balanced mixture of amino acids and peptides of natural origin. If applied by foliar spray, **AMINOTON** allows to obtain an intense acceleration of vegetative development. If applied by drip irrigation, **AMINOTON** stimulates microorganism biochemical activities.

RESULTS

Thanks to the balanced content of free amino acids and peptides, **AMINOTON** permits to obtain a harmonious growth of plants and higher yields, overcoming periods of vegetative stasis/abiotic stresses. Moreover, **AMINOTON** strengthens the effects of Plant Protection Products and microelements because it works as chelating/carrier agent.

When applied by drip irrigation, **AMINOTON** strongly enhances the availability and absorption of nutritional elements because of an improvement of metabolic processes of telluric flora.



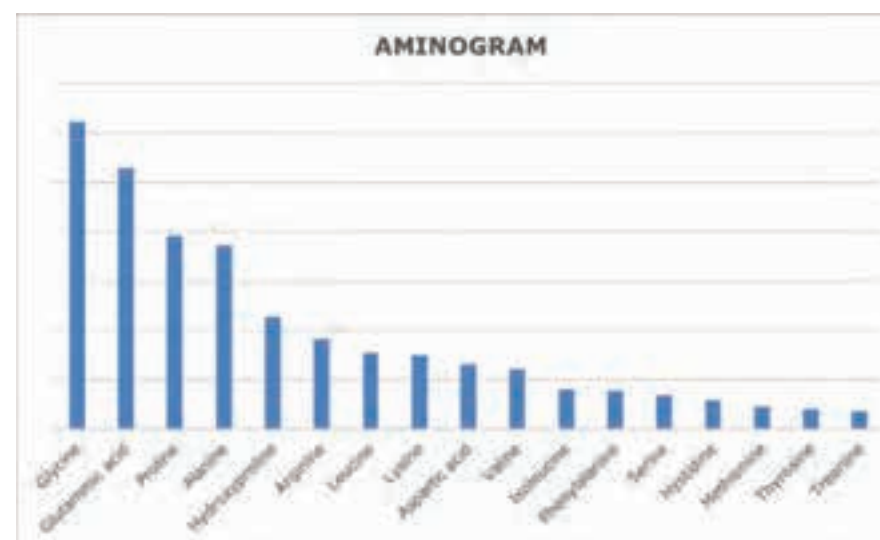
APPLICATION RATE

Crop	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
cereals and industrial crops	2 - 6		1	in combination with Plant Protection Products
fruit trees, grape, olive trees	4 - 6	10 - 20	1 - 3	from vegetative development to fruit development
vegetables and ornamental crops	4 - 6	10 - 20	2 - 3	from transplanting to fruit ripening
greenhouse crops	4 - 6	10 - 20	2 - 3	from transplanting to harvest

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	7,8	9,8
- Ammoniacal nitrogen (N-NH ₄)	0,9	1,1
- Organic nitrogen (N-CO)	6,9	8,7
Organic carbon (C)	28,0	35,0
Total amino acids	32,9	41,1

APPEARANCE	Liquid
COLOUR	Brown
pH	5,5÷7,0 at 20 °C
DENSITY	1230÷1270 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L





ASKAN Stimulates rooting, growth and yield
ASKAN VEG Biostimulant, phytoelicitor activity and evokes phythormonal responses

CHARACTERISTICS & RESULTS

ASKAN line is composed by two products which support the crop in the greatest moments of energy demand, keeping the plants in healthy conditions.

As a result, **ASKAN** and **ASKAN VEG** can be used to obtain better roots formation, balanced vegetative growth, better sprouting, improvement of fruit size/uniformity optimizing the production targets.

ASKAN is a complete special activator based on vegetal extracts (seaweed and glycine betaine), organic acids, humic & fulvic acids, animal amino acids and chelated microelements.

These components perform the following actions:

- vegetal extracts: against abiotic stresses
- organic acids: rooting effect, carrier agent for Potassium, lower the pH, chelate Iron and solubilize Phosphorus
- humic & fulvic acids: improve soil characteristics (CEC: cation exchange capacity)
- amino acids: carrier agent, antistress and growth stimulator
- chelated microelements: improve the enzymatic processes.

ASKAN VEG is an innovative biostimulant, 100% of vegetal origin and allowed in organic farming.

It is manufactured using three main components:

- alfalfa extract: the presence of triacontanol regulates developmental processes in crops and helps to cope salinity stress
- seaweed extract: guarantees phytostimulatory properties (vegetative development and yield), phytoelicitor activity (biosynthesis of natural components against biotic stresses) and evokes phytohormonal responses (GA, IAA and CK)
- molasses: promotes growth and yield.

FOCUS ASKAN



FOCUS ASKAN VEG

TRIACONTANOL: a natural plant growth regulator

Effects of Triacontanol on the plant:

- it is a natural plant growth regulator by acting on developmental processes in crops;
- it helps cope with salinity stress by improving plant growth parameters.

Salinity stress

Reduced plant growth and development

Triacontanol application

- Improved plant growth characteristics
- Physiological attributes
- Biochemical parameters
- Molecular aspects



APPLICATION RATE

Products	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
ASKAN	2 - 4	6 - 12	2 - 4	during the vegetative development, after flowering
ASKAN VEG	2 - 4	-	2 - 4	during the vegetative development, after flowering

Do not apply with Copper, Sulphur, strong acidic and basic pH solutions.

COMPOSITION (% w/w)

	ASKAN	ASKAN VEG
Total nitrogen (N)	6,2	2,5
- Organic nitrogen (N)	2,8	2,5
- Ureic nitrogen (N-NH ₂)	3,4	-
Potassium oxide (K ₂ O) water soluble	6,0	6,0
Organic carbon (C)	10,3	14,0
Boron (B) water soluble	0,1	-
Copper (Cu) water soluble, chelated by EDTA	0,03	-
Iron (Fe) water soluble, chelated by EDTA	0,1	-
Manganese (Mn) water soluble, chelated by EDTA	0,03	-
Zinc (Zn) water soluble, chelated by EDTA	0,08	-
Total Aminoacids	12,0	-
Betaine	-	5,3
pH at 20 °C	5,5÷6,5	6,0÷7,0
Density (g/L at 20 °C)	1190÷1210	1240÷1260
Packaging	1L (1Lx16); 6L (6Lx2); 20L	



ASKAN VEG



BETACROP PLUS

Osmoprotectant for hot & dry conditions



- Increases the natural osmotic regulation
- Improves resistance to high temperatures & salinity stress
- Increases cell membrane plasticity and resistance

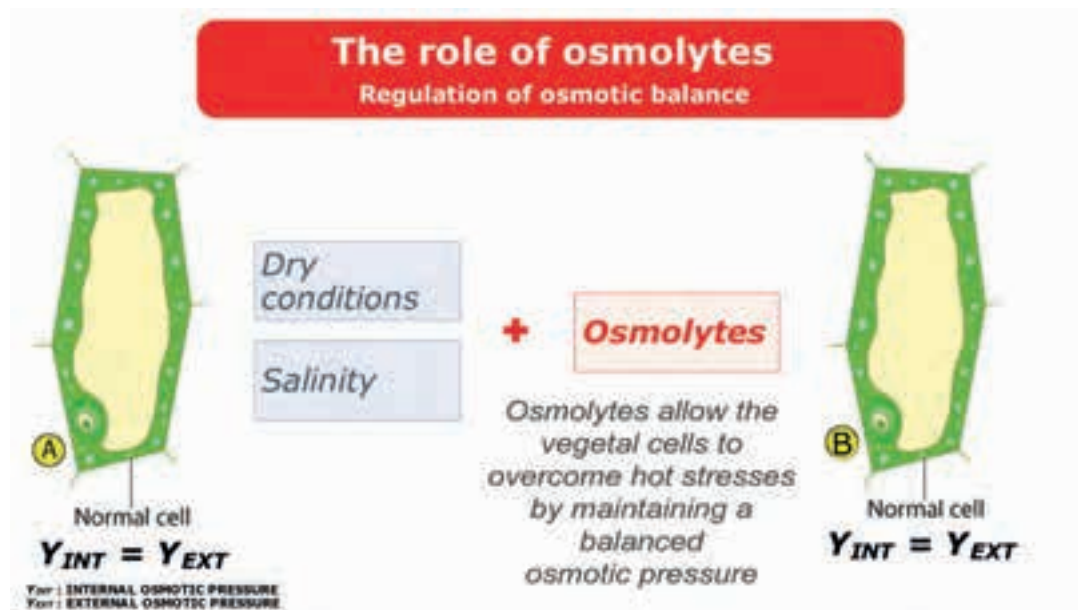
CHARACTERISTICS

BETACROP PLUS is an exclusive formulation based on osmolytes, 100% derived from vegetal extracts and amino acids of vegetal origin. **BETACROP PLUS** helps the plants to self-regulate the metabolism during abiotic stress conditions and to keep the main physiological functions active.

RESULTS

BETACROP PLUS improves crop performance, photosynthesis and yields even under conditions of abiotic stress (heat, drought, salinity).

BETACROP PLUS rapidly increases the osmolytes content in the cytoplasm which regulates cells osmotic pressure, structure and plasticity. Therefore, **BETACROP PLUS** shows positive effects for preventing fruit cracking in most fruit trees (especially cherry, apricot, peach) and horticultural crops in the presence of long-lasting rainfalls and during fruit size increase/ripening.



BETACROP PLUS

Osmoprotectant for hot & dry conditions



APPLICATION RATE

Crop	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
cereals and industrial crops	4 - 6		1 - 2	in combination with Plant Protection Products
fruit trees, grape, olive trees	4 - 6	6 - 12	2 - 4	interval of 7 - 15 days
vegetables and ornamental crops	4 - 6	6 - 12	2 - 4	starting with transplanting every 15 days
greenhouse crops	4 - 6	6 - 12	2 - 4	starting with transplanting every 15 days

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	5,0	5,9
- Organic nitrogen (N-CO)	5,0	5,9
Organic carbon (C)	14,0	16,4
Glycine betaine	32,4	37,9
Seaweeds extract	2,0	2,3

APPEARANCE	Liquid
COLOUR	Brown
pH	6,0÷8,0 at 20 °C
DENSITY	1160÷1180 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L





- It induces the natural self-defence of plants
- Absorbed very quickly by leaves and roots
- Complete systemic translocation inside the plant

CHARACTERISTICS & RESULTS

KALEX line is composed by four products, three based on Phosphite plus one innovative formulation Phosphite-free. All the products can stimulate the production of Phytoalexins inside the plant. Phytoalexins give signals that trigger an endogenous defence response that allow the plant to obtain a systemic resistance.

KALEX line products have a great systemic xylematic and phloematic translocation inside the plant (both upward and downward in the plants vascular system); for this reason, they may be applied successfully by foliar spray, by drench or by drip irrigation, moving quickly from the roots to the leaves.

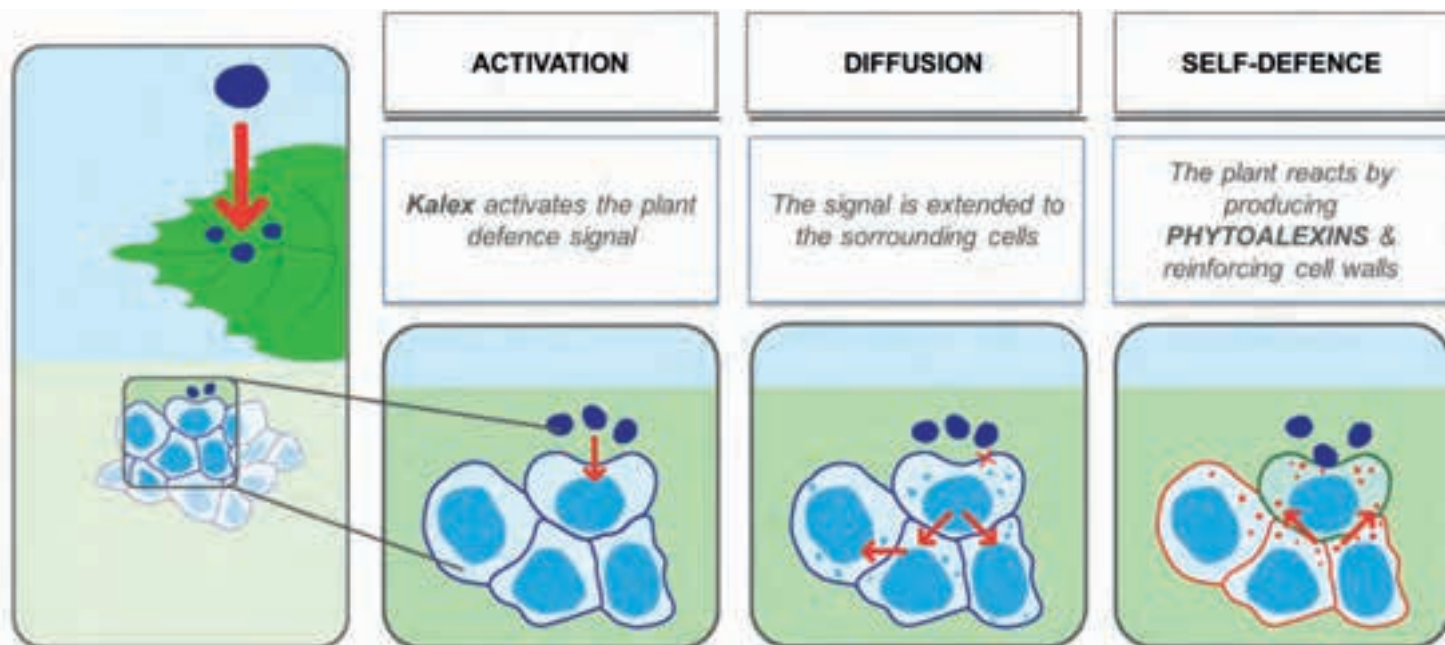
KALEX contains high % of K-Phosphite which acts as resistance inductor. **KALEX** allows to obtain a greater bio-fortification of the plant by strengthening its immune system.

KALEX Cu is a special formulation containing Cu-Phosphite which acts as resistance inductor. Copper will be active both by systemic and by contact thus granting a protection and resistance against a wider range of biotic stresses.

KALEX Zn contains Zn-Phosphite which acts as resistance inductor. **KALEX Zn** is strongly indicated for crops which suffer Zinc deficiency symptoms. **KALEX Zn** promotes root development and blooming thanks the important role of Zinc for auxins synthesis.

KALEX EVO is a new formulation phosphite-free based on carbohydrates, vegetal extracts, carboxylic acids and Copper. These natural components together with the synergic action of Copper determines an induction resistance against biotic stresses.

The defence effect is mainly due to the antioxidant effect of the organic compounds contained in **KALEX EVO** (they enhance the secondary metabolism stress response).



APPLICATION RATE

Products	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
KALEX	2 - 4	6 - 12	2 - 4	every 10 - 15 days
KALEX Cu	0,5 - 1	4 - 8	1 - 4	every 10 - 15 days
KALEX Zn	1 - 4	6 - 12	1 - 4	every 10 - 15 days
KALEX EVO	1 - 2	4 - 8	1 - 4	every 10 - 15 days

Do not apply with Copper, Sulphur, strong acidic and basic pH solutions.

COMPOSITION (% w/w)

	KALEX	KALEX Cu	KALEX Zn	KALEX EVO
Total nitrogen (N)	-	9,0	4,0	-
- Ureic nitrogen (N-NH ₂)	-	-	4,0	-
Phosphorus pentoxide (P ₂ O ₅) water soluble	30,0	21,0	28,0	-
Potassium oxide (K ₂ O) water soluble	20,0	-	1,6	-
Boron (B) water soluble	-	0,13	-	-
Copper (Cu) water soluble	-	4,0	-	4,1
Zinc (Zn) water soluble, chelated by EDTA	-	0,12	-	-
Zinc (Zn) water soluble	-	-	8,0	-
Molybdenum (Mo) water soluble	-	-	-	0,03
pH at 20 °C	4,0÷5,0	6,0÷7,0	1,0÷2,0	4,5÷5,5
Density (g/L at 20 °C)	1390÷1410	1390÷1410	1350÷1370	1200÷1220
Packaging	1L (1Lx16); 6L (6Lx2); 20L			

KALEX EVO



LONITE 80 SP

Nutrients uptake improver



- Increases the growth and yield of crops thanks to a better uptake of nutrients
- Increases the cation exchange capacity of the soil favoring a higher availability of nutrients
- Has a positive effect on microorganisms present in the soil, on seed germination and on root growth
- Binds the heavy metals of the soil making them inactive
- High solubility

CHARACTERISTICS

LONITE 80 SP is a new innovative activator (Leonardite humic extract), characterized by a high content of Humic and Fulvic Acids. Humic extracts contained in **LONITE 80 SP** allow to improve: nutrient uptake efficiency, soil structure, plant metabolism and telluric flora biochemical processes.

RESULTS

Field trials have shown that **LONITE 80 SP** boosts root growth, vegetative development, bud differentiation, flowering and early fruit setting. **LONITE 80 SP** also plays an important role for the aggregation of soil structure, reducing the phenomenon of bottom soil and stratification.

Lonite 80 SP: field trials – evaluation on Root Growth

Crop: strawberry – in greenhouse; Year: 2015



High solubility



LONITE 80 SP

Nutrients uptake improver

APPLICATION RATE

Crop	Drip irrigation (kg/ha)	N° of applications	Timing of applications
fruit trees, citrus	2 - 5	2 - 4	after bud bursting, every 15 - 20 days
fruit vegetables	2 - 5	2 - 3	after transplanting, every 15 - 20 days
leafy vegetables, strawberries	2 - 5	1 - 2	from 15 days after transplanting
ornamental plant nurseries	2 - 5	1 - 2	during the early stages of growth

COMPOSITION

	% w/w
Organic matter (OM)	64,6
Organic matter (OM) on dry matter	69,5
Organic matter (OM) humified on dry matter	59,0
Organic nitrogen (N) on dry matter	0,51
Humified organic matter (from Fulvic acids and Humic acids) / Total organic matter	84
Humic acids	55,1
Fulvic acids	8,6
Potassium oxide (K ₂ O) water soluble	10,0

- APPEARANCE** Powder
- COLOUR** Black
- pH (10% sol.)** 8,0÷10,0 at 20 °C
- SOLUBILITY** >97%
- PACKAGING** 1kg (1kgx10)



MILABRIX-K

Sugar & color



- Highly increases the sugar content in fruits
- Improves the fruits color
- Improves the crunchiness of the pulp
- Increases the yield

CHARACTERISTICS

MILABRIX-K is the Milagro solution composed by a complexed form of Potassium, a blend of Organic Acids, Polysaccharides and Ureic Nitrogen. MILABRIX-K favors the increase of the brix degree and promotes a more vivid and uniform color of fruits of some species of plant.

RESULTS

Recent field trials showed that the application of MILABRIX-K enhances the sugar content, pulp firmness (crispier texture) and skin color of fruits.

MILABRIX-K: field trials – evaluation on sugar content & color RESULTS

RESULTS - 1st
measurement
(May 24, 2020)

Control Thesis

6,5 °Brix

Milagro Thesis
(MILABRIX-K)

9 °Brix



CONTROL MILABRIX-K

RESULTS - 2nd
measurement
(May 30, 2020)

Control Thesis

11 - 11,5 °Brix

Milagro Thesis
(MILABRIX-K)

12 - 13,5 °Brix



MILABRIX-K CONTROL



MILABRIX-K

Sugar & color

APPLICATION RATE

Crop	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
cereals and industrial crops	4 - 6	6 - 12	1 - 2	during late stage
fruit trees, grape, olive trees	4 - 6	6 - 12	2 - 4	every 15 - 20 days starting from fruit formation until the final growth stages
vegetables and ornamental crops	4 - 6	6 - 12	2 - 4	every 15 - 20 days starting from fruit formation until the final growth stages
greenhouse crops	4 - 6	6 - 12	2 - 4	every 15 - 20 days starting from fruit formation until the final growth stages

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	3,0	4,2
- Ureic nitrogen (N-NH ₂)	3,0	4,2
Potassium oxide (K ₂ O) water soluble	20,0	27,8
Polysaccharides, Carboxylic acids, Activators	31,5	44,8

APPEARANCE	Liquid
COLOUR	Colourless
pH	6,5÷7,5 at 20 °C
DENSITY	1380÷1400 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L



PROMET line

Plant metabolism & health activator



CHARACTERISTICS

PROMET line is composed by two liquid products based on Cu/Zn complexed with amino acids. The amino acids favor the penetration of the microelement into the cells, giving the product a high biological efficacy.

PROMET Cu can stimulate the synthesis of proteins which help to keep plants healthier (anti-stress and bio-fortification action against biotic stresses).

PROMET Zn fosters secondary root emission and promotes biochemical flowering processes.

RESULTS

PROMET line facilitates the absorption of Cu/Zn within plants thanks to the increased permeability induced by amino acids.

PROMET Cu prevents and quickly fights Copper deficiencies.

If applied by foliar spray, **PROMET Zn** allows to obtain better budding and more uniform flowering. If applied by drip irrigation, **PROMET Zn** promotes the development of secondary roots.



PROMET line

Promet Cu and Promet Zn

APPLICATION RATE

Products	Foliar spray (L/ha)	Foliar spray (ml/100L)	Drip irrigation (L/ha)	N° of applications	Timing of applications
PROMET Cu	0,5 - 1	50 - 120	4 - 6	1 - 3	every 7 - 10 days or in case of need
PROMET Zn	1 - 3		4 - 6	1 - 3	in early vegetative stages; before and after flowering; in post-harvest

Do not apply **PROMET Cu** on stone fruits and other crops sensitive to Copper (during vegetative development); avoid mixing with carrier agent products.

For cereal crops it is suggested to apply **PROMET Cu** before tillering (1 application - foliar spray).

For cereal crops it is suggested to apply **PROMET Zn** with pesticides (1 application - foliar spray).

COMPOSITION (% w/w)

	PROMET Cu	PROMET Zn
Total nitrogen (N)	3,8	3,3
- Ammoniacal nitrogen (N-NH ₄)	0,5	0,3
- Organic nitrogen (N-CO)	3,3	3,0
Copper (Cu) water soluble	6,4	-
Organic carbon (C)	10,2	9,7
Sulphur trioxide (SO ₃) water soluble	8,2	-
Zinc (Zn) water soluble	-	8,0
Total amino acids	20,4	17,5
pH at 20 °C	2,0÷3,5	3,5÷4,5
Density (g/L at 20 °C)	1260÷1280	1240÷1260
Packaging	1L (1Lx16); 6L (6Lx2)	





- Improves fruit dimension
- Regulates size caliber
- Enhances bunch elongation

CHARACTERISTICS

REDGAIN is a special liquid activator based on macronutrients and a specific pool of vegetal extracts. Thanks to the presence of amino acids and natural components substances, **REDGAIN** acts as precursor of the biosynthesis of auxins and cytokinins.

RESULTS

REDGAIN stimulates cell division and cell extension in fruits. As a result, **REDGAIN** allows to obtain a uniform harvest with products of greater weight and caliber.

APPLICATION RATE

Crop	Type of application	Dose	Time and number of applications	Note
Zucchini Melon Water Melon Cucumber	Foliar	300 ml/100 L	2 - 3 treatments during the fruit setting. Repeat the treatment after 7 - 9 days	
Strawberry	Fertirrigation	3-4 L/ha	15 days after transplanting	
	Foliar	200 ml/hl	2 - 3 treatments every 12 days starting after flowering	
Potato	Fertirrigation	4 L/ha	2 treatments: 1 st treatment 20 - 30 days after rooting 2 nd treatment 20 - 30 days later	To increase the number of tubers. Suitable for early varieties
Apple and Pear	Foliar	2 L/ha	3 treatments: 1 st treatments before flowering 2 nd treatment during the early fruit development stage 3 rd treatment 20 - 30 days later	Add 6 L of CALCIBOR
Stone fruits	Foliar	2 L/ha	3 treatments: 1 st treatments before flowering 2 nd treatment during the early fruit development stage 3 rd treatment 20 - 30 days later	Add 6-10 L of APICAL
Table grapes	Foliar	2 L/ha	3 treatments: 1 st treatments before flowering 2 nd treatment 2 - 3 weeks after petal fall 3 rd treatment 18 - 20 days later	Add 1 L/ha of ASKAN and 6 L/ha of CALCIBOR
Citrus	Foliar	3-4 L/ha	2 treatments: 1 st treatment after petal fall 2 nd treatment 15 - 20 days later	Add 6 L/ha of CALCIBOR and 3 L/ha of BETACROP PLUS; (possible combination with Gibberellic Acids)
Olive tree	Foliar	3 L/ha	1 treatment after flowering	During flowering apply 1 L/ha of METONIC



COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	6,3	7,6
- Organic nitrogen (N-CO)	1,0	1,2
- Nitric nitrogen (N-NO ₃)	1,0	1,2
- Ammoniacal nitrogen (N-NH ₄)	1,7	2,1
- Ureic nitrogen (N-NH ₂)	2,6	3,1
Phosphorous pentoxide (P ₂ O ₅) water soluble	8,6	10,3
Potassium oxide (K ₂ O) water soluble	5,0	6,0
Organic carbon (C)	3,1	3,7

Proteins	6,4	7,7
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APPEARANCE	Liquid
COLOUR	Brown
pH	5,0÷6,0 at 20 °C
DENSITY	1190÷1210 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2)





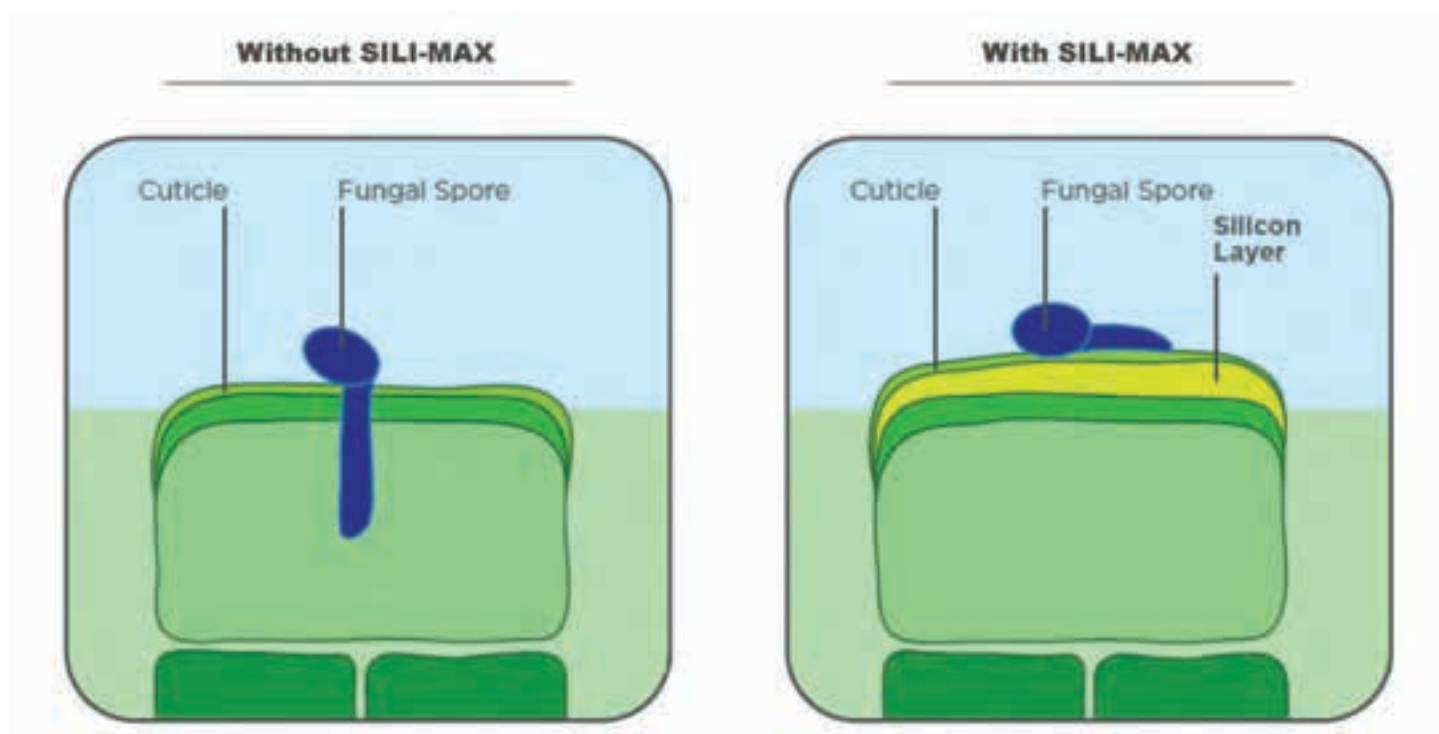
- Improves the natural and mechanical plant resistance
- Strengthens and protects plants from the inside out
- Improves resistance to heat
- Improves postharvest shelf life

CHARACTERISTICS

SILI-MAX is a special activator based on Potassium silicate which improve the capability of maintaining yields, the mechanical resistance of fruits and vegetal tissues and, in general, the resistance of the plant against biotic and abiotic stress conditions. **SILI-MAX** also improves the nutritional balance of the plant.

RESULTS

SILI-MAX will improve the following parameters: increasing tissues and membranes firmness; increasing of the resistance to fruit cracking in the most susceptible crops (Cherry, Peach, Apricot, Citrus); increasing the resistance to abiotic and biotic stress. The above benefits are caused by an increase of the tissue resistance, by a better resistance to drought and by an enhancement of the natural defences system of the plant. The final result is the achievement of more healthy yields with a better shelf life.



APPLICATION RATE

Crop	Foliar spray (L/ha)	N° of applications	Timing of applications
fruit trees, grape, olive trees	3 - 6	2 - 4	applications during the vegetative growth, every 3 - 4 weeks
vegetables and ornamental crops	3 - 6	2 - 4	starting 2 weeks after transplanting with minimum 21 days interval
greenhouse crops	3 - 6	2 - 4	starting 2 weeks after transplanting with minimum 21 days interval

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	3,0	4,1
- Ureic nitrogen (N-NH ₂)	3,0	4,1
Potassium oxide (K ₂ O) water soluble	12,0	16,3
Silicon dioxide (SiO ₂) water soluble	22,4	30,5

APPEARANCE	Liquid
COLOUR	Colourless
pH	11,5÷12,5 at 20 °C
DENSITY	1350÷1370 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2)





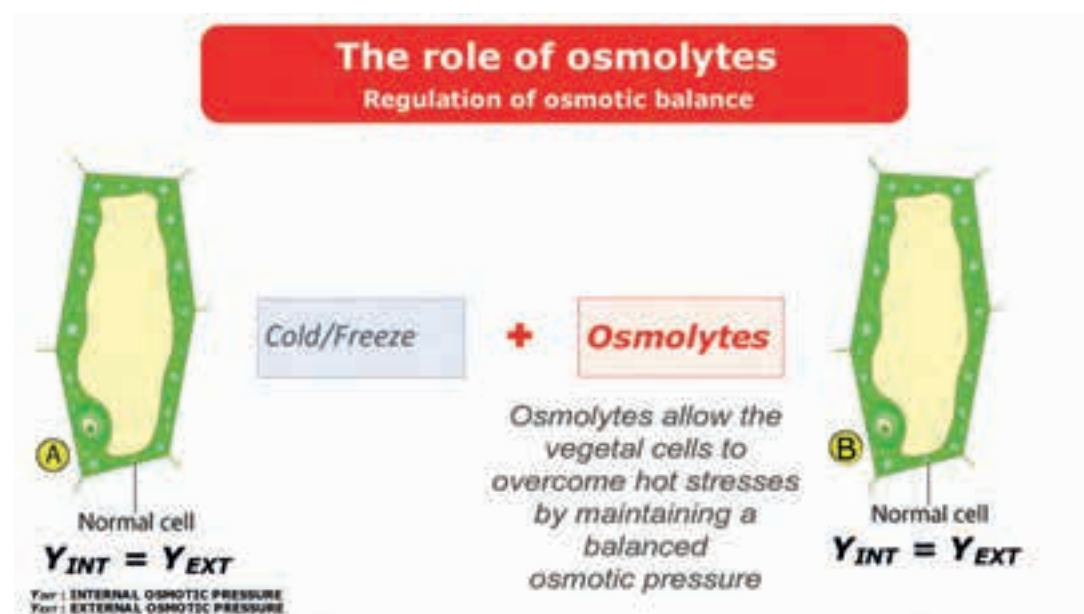
- Improves the plant tolerance to freeze and cold atmospheric conditions
- Uniforms buds opening in case of low temperature

CHARACTERISTICS

STAYGREEN is a special activator based on a blend of specific osmolytes, polyethylene glycol (POE), micronutrients and seaweed extracts. **STAYGREEN** reinforces the membrane structure and regulates the osmotic pressure. Thanks to the application of **STAYGREEN**, the crop is strongly protected against late frost, cold weather and abiotic stresses.

RESULTS

STAYGREEN has a cryoprotective action on plants, increasing resistance to possible late Spring frost and/or sudden temperature drop down. On fruit trees and grapes, **STAYGREEN** may be used to uniform buds opening and twigs development. Before transplanting, if used in drench on horticultural young plants, **STAYGREEN** will improve a fast recover and a uniform growth.



APPLICATION RATE

Crop	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
fruit trees, grape, olive trees	3 - 6		1 - 3*	1 st treatment 1 week before low T 2 nd treatment 3 days before low T
vegetables and ornamental crops	3 - 6	6 - 12	1 - 3	1 st treatment 1 week before low T 2 nd treatment 3 days before low T
greenhouse crops	3 - 6	6 - 12	1 - 3	1 st treatment 1 week before low T 2 nd treatment 3 days before low T

* For orchards: never apply Staygreen during flowering; it is recommended to apply Staygreen before flowering.

COMPOSITION

	% w/w	% w/v
Copper (Cu) water soluble, chelated by EDTA	0,2	0,23
Manganese (Mn) water soluble, chelated by EDTA	1,0	1,14
Zinc (Zn) water soluble, chelated by EDTA	1,0	1,14
Osmolytes (POE, seaweeds extract and other components)	17,0	19,4

APPEARANCE	Liquid
COLOUR	Brown
pH	7,0÷8,0 at 20 °C
DENSITY	1130÷1150 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2)



STIMCROP

Natural growth promoter & anti-stress



- Stimulates uniform growth and production
- Regulates the hormonal balance of the plant
- Improves the mineral fertilizer uptake and treatments with Plant Protection Products
- Helps recovering from abiotic stress and biotic stresses
- Increases fruit set
- 100% seaweed extract

CHARACTERISTICS

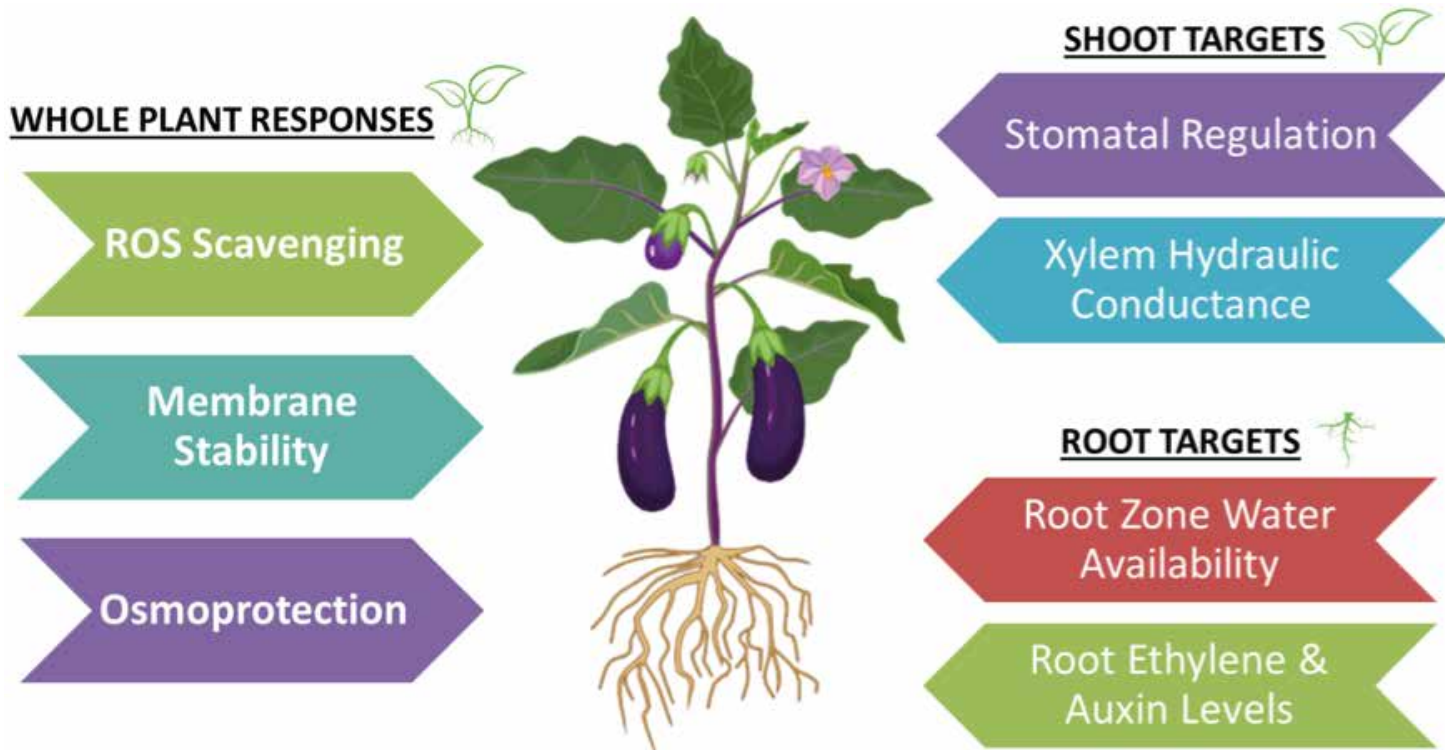
STIMCROP is a special seaweed extract (*Ascophyllum nodosum*) rich in organic compounds (mannitol, betaine). **STIMCROP** has a powerful biostimulant effect that promotes vegetative development. Moreover, **STIMCROP** performs a revitalizing action against stresses of various kinds.

RESULTS

STIMCROP allows to obtain higher yield and more uniform production. Thanks to the high content of natural phytohormones (cytokinins), **STIMCROP** promotes a fast and balanced vegetative growth. In case of abiotic and biotic stresses, **STIMCROP** helps to overcome the period of vegetative stasis (the pool of vegetable substances acts as ROS scavenging and regulates membrane stability, osmoprotection, stomata openings, xylem hydraulic conductance). **STIMCROP** also improves the nutrients uptake and effects of Plant Protection Products (carrier agent).



WHOLE PLANT RESPONSES



STIMCROP

Natural growth promoter & anti-stress



APPLICATION RATE

Crop	Foliar spray (kg/ha)	Drip irrigation (kg/ha)	N° of applications	Timing of applications
fruit trees, grape, olive trees	1 - 2	2 - 4	1 - 3	during vegetative development
vegetables and ornamental crops	1 - 2	2 - 4	1 - 3	after transplanting
greenhouse crops	1 - 2	2 - 4	1 - 4	after transplanting

Do not apply with Copper and Sulphur.

COMPOSITION

	% w/w
Total nitrogen (N)	1,0
- Organic nitrogen (N-CO)	1,0
Potassium oxide (K ₂ O) water soluble	19,0
Organic carbon (C)	27,0
Mannitol	4,0
Betaine	0,1

APPEARANCE	Flakes
COLOUR	Brownish-black
pH (1% sol.)	7,5÷9,5 at 20 °C
DENSITY	280÷300 g/L at 20 °C
MOISTURE	≤ 5,0 %
PACKAGING	1kg (1kgx8)





- Stronger roots allow to obtain a more homogeneous and uniform production
- Healthier roots promote a rapid vegetative development
- High vigor of the roots promotes resistance to stressful conditions

CHARACTERISTICS

X-ROOT is a new Milagro specialty based on a pool of specific vegetal compound extracts (polyphenols) and microelements. **X-ROOT** has been designed by Alba Milagro to facilitate the overcoming of root stresses.

RESULTS

X-ROOT favors the best and rapid reinforcement of plant roots, even in soils without ideal abiotic & biotic conditions. Indeed, field tests with **X-ROOT** applications showed very effective results both in quantity and weight of the harvested fruits.



APPLICATION RATE

Type of soil*	Drip irrigation (L/ha)	N° of applications	Timing of applications
exhausted/sandy soil	20**	2 - 3***	1 st treatment 3 - 4 days after transplanting 2 nd - 3 rd treatment with an interval of 15 days

* X-Root can be used for all types of crops

** in greenhouse: 2 - 3 L/1000m²

*** more than three treatments in case of need

COMPOSITION

	% w/w	% w/v
Copper (Cu) water soluble, complexed by LS	0,8	0,98
Manganese (Mn) water soluble, complexed by LS	0,7	0,86
Zinc (Zn) water soluble, complexed by LS	0,8	0,98
Sulphur trioxide (SO ₃) water soluble	3,1	3,8
Vegetable extracts	17,0	20,7

APPEARANCE	Liquid
COLOUR	Brown
pH (100%)	2,5÷3,5 at 20 °C
DENSITY	1210÷1230 g/L at 20 °C
PACKAGING	10L; 20L





This product range includes chelated/complexed Microelements and Secondary Nutrients. These specialties have been studied to satisfy all crop nutritional needs and to prevent/cure specific deficiencies.

BORON based

Plant nutritional supplement



BORAMIDE Pollen fertility and sugar translocation
CALCIBOR Fruit set, stronger fruits and tissues
MOLBOR Speed up the Nitrogen metabolism
TWIN Flowering uniformity and setting

CHARACTERISTICS & RESULTS

Milagro has developed during the years a special line of **Boron based** liquid fertilizers. In this line of products, Boron, alone or with other nutrients, is present under organic chemical structure. In this form, the nutrients are easily translocated and assimilated by the plant, granting outstanding agronomical benefits and results.

THE IMPORTANCE OF BORON

Boron is a microelement essential for the growth of plants; it plays an important role in the metabolism and in the translocation of sugars, in the synthesis of proteins, pectins (cell walls) and lipids (oils). Boron is essential to maintain the structural integrity of the plant membranes and to ensure proper development and rapid growth of the meristematic tissues (of roots and shoots). Boron is also involved in pollen fertility, flowering, fruit setting and fruit development. Boron increases the Calcium availability inside the plant. Boron also influences crop quality by allowing a better sugar translocation to fruits or tubers.

BORAMIDE is based on a Milagro European REACH Registered compound. Thanks to this particular form, Boron is easily assimilated by the plant tissues (high mobility and high biological efficacy). **BORAMIDE** improves the pollen fertility and promotes a greater accumulation of carbohydrates and lipids in the organs.

CALCIBOR contains Calcium with Boron complexed with a organic compound. It stimulates the growth of the plant, improves the root mass, enhances the tissue thickness of the leaf and stem, extends the life of flowers and the setting, strengthens the peduncle, reduces fruits abortion, improves the consistence of the fruits pulp and the postharvest shelf life.

MOLBOR contains Boron with Molybdenum. The product has a strong functional activity on most legume crops as well as in fruit trees and fruit vegetables. In legume crops enhances nodulation and pod yield. It is essential for Nitrogen metabolism and assimilation. It is required for the synthesis and activity of the Nitrate Reductase enzyme. Moreover, it stimulates the activity and function of the Rhizobium bacteria. Finally, **MOLBOR** also promotes an intensive and uniform flowering and fructification.

TWIN contains Zinc with Boron. It accelerates the meristem functionality speeding up the plant structure formation, potentiates the flower induction, increases the number of flowers per plant and the flowers fertility.

BORON based

Boramide, Calcibor, Molbor and Twin



APPLICATION RATE

Products	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
BORAMIDE	1 - 3	3 - 6	1 - 3	from vegetative development until flowering
CALCIBOR	4 - 6	6 - 12	1 - 4	from vegetative development until the harvest
MOLBOR	1 - 3		1 - 2	before flowering; before harvesting
TWIN	2 - 4	6 - 8	1 - 3	pre-flowering; post-flowering; post-harvest

Do not exceed the application rate.

For cereal crops, it is suggested to apply **BORAMIDE/MOLBOR/TWIN** in combination with Plant Protection Products (1 - 2 applications - foliar spray).

For orchards, it is suggested to apply **CALCIBOR** from pre flowering to fruit enlargement (1 - 2 applications - foliar spray or drip irrigation).

COMPOSITION (% w/w)

	BORAMIDE	CALCIBOR	MOLBOR	TWIN
Boron (B) water soluble	11,0	2,0	4,4	2,0
Calcium oxide (CaO) water soluble	-	10,0	-	-
Zinc (Zn) water soluble, chelated by EDTA	-	0,2	0,4	-
Zinc (Zn) water soluble	-	-	-	8,0
Molybdenum (Mo) water soluble	-	-	1,7	-
pH at 20 °C	7,0÷8,0	5,5÷6,5	7,5÷8,5	7,0÷8,0
Density (g/L at 20 °C)	1350÷1370	1280÷1300	1190÷1210	1390÷1410
Packaging	1L (1Lx16); 6L (6Lx2); 20L			



SECONDARY NUTRIENTS

Plant nutritional supplements



APICAL
CAL-BRIK
CALCITEK
TOPCAL

For balanced roots and vegetative growth
Fruit quality and shelf life, against physiological disorders
Faster growth
Stronger cell walls

CHARACTERISTICS & RESULTS

All the Milagro products included into this range contain high quantity of Calcium, one of the most important nutritional elements of the soil, and Magnesium, fully soluble and available for immediate crop uptake. This range of products can cover all the nutritional needs of several crops through the entire crop cycle, helping farmers to achieve the highest quality standards of production. Applying these products will result in healthier plants, higher yields but also firmer tissues and longer post harvest shelf life.

APICAL, with the simultaneous and balanced presence of Calcium, Magnesium and Nitric Nitrogen, gives prompt and efficient results. The three elements work together to improve roots and vegetal development.

CAL-BRIK is a perfect combination between Calcium and Magnesium, that guarantees better fruit quality reducing physiological disorder in the fruit (desiccation, rolling-up, apical rotting, bitter pit, phylloptosis and desiccation of rachis, fruit cracking). It guarantees an excellent post harvest quality.

CALCITEK contains a balanced presence of Calcium and Nitrogen that quickly stimulates vegetative development, growth and higher yield.

TOPCAL contains high value of Calcium with low molecular weight. It is absorbed and translocated into the tissues. It enhances the productivity and resistance to the fungal and bacteria diseases. It promotes the storage shelf life of fruit and vegetables.

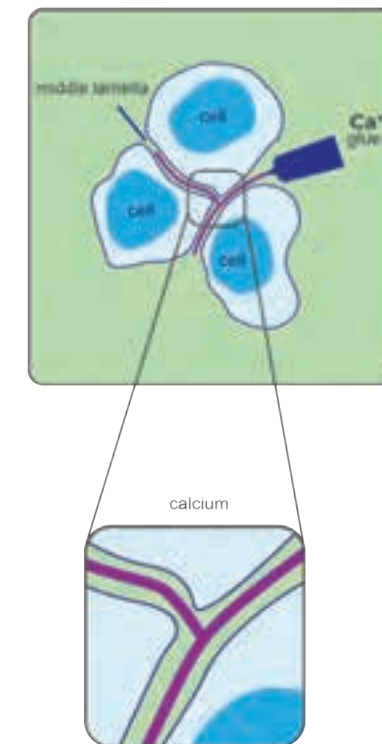
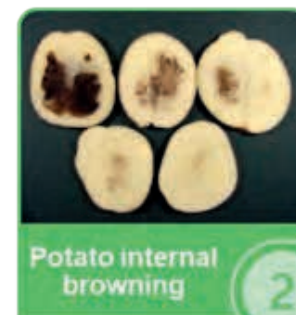
APPLICATION RATE

Products	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
APICAL	3 - 6	20 - 40	2 - 4	from vegetative growth till fruit setting
CAL-BRIK	3 - 6		2 - 4	from vegetative growth till fruit setting
CALCITEK		20 - 40	2 - 4	from vegetative growth till harvest
TOPCAL	6 - 12		2 - 4	after flowering till harvest



SECONDARY NUTRIENTS

Apical, Cal-Brik, Calcitek and Topcal



COMPOSITION (% w/w)

	APICAL	CAL-BRIK	CALCITEK	TOPCAL
Total nitrogen (N)	8,0	2,1	8,6	-
- Nitric nitrogen (N-NO ₃)	8,0	2,1	8,6	-
Calcium oxide (CaO) water soluble	10,0	12,0	17,5	17,4
Magnesium oxide (MgO)	4,0	3,0	-	-
Boron (B) water soluble	-	-	-	0,1
pH at 20 °C	4,5÷6,0	1,0÷2,5	1,0÷3,0	2,0÷4,0
Density (g/L at 20 °C)	1400÷1420	1340÷1360	1480÷1500	1350÷1370
Packaging	Packaging: 1L (1Lx16); 6L (6Lx2); 20L			



DIAFERRENE line

Boost the photosynthesis efficiency



- High nutritional efficiency thanks to the specific frame of the chelating agent
- Excellent stability of the chelating agents to pH variations (high protection of Iron)
- Increase the Leaf Area (LAI) and greener effect
- High solubility

CHARACTERISTICS & RESULTS

DIAFERRENE line includes three special items based on Fe-chelated. Products of **DIAFERRENE line** are used to prevent and treat Iron chlorosis of crops.

DIAFERRENE is the Milagro Fe-chelated fertilizer designed for soil application with the most rapid effect.

DIAFERRENE TOP 44 is the Milagro Fe-chelated fertilizer designed for soil application with the highest stability in soils at basic pH.

DIAFERRENE HL is a liquid Fe-chelated fertilizer designed for foliar application. **DIAFERRENE HL** has a particular chelating agent which allows the resistance against photodegradation.

APPLICATION RATE

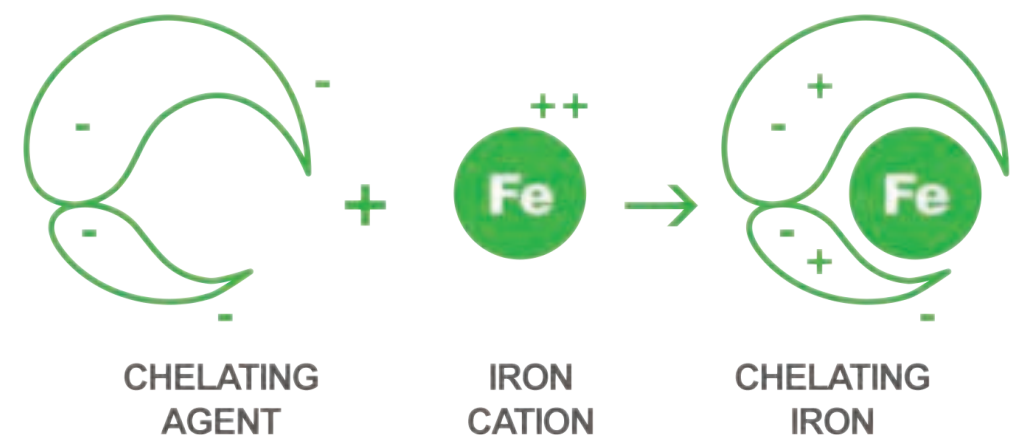
Products	Foliar spray (L/ha)	Drip irrigation (kg/ha)	N° of applications	Timing of applications
DIAFERRENE		10 - 30	2 - 3	from vegetative development with an interval of 15 days
DIAFERRENE TOP 44		10 - 30	2 - 3	from vegetative development with an interval of 15 days
DIAFERRENE HL	1 - 2		2 - 3	from vegetative development with an interval of 15 days



DIAFERRENE line

Diaferrene, Diaferrene Top 44 and Diaferrene HL

Mechanism of chelation by a iron cation



Iron cation (Fe^{2+}) binds to a chelating compound by strong bonds

COMPOSITION (% w/w)

	DIAFERRENE	DIAFERRENE TOP 44	DIAFERRENE HL
Total iron (Fe) water soluble	6,0	6,0	6,2
- Iron (Fe) chelated by [o-o] EDDHA	2,4	4,4	-
- Iron (Fe) chelated by [o-p] EDDHA	3,6	1,6	-
- Iron (Fe) water soluble, chelated by DTPA	-	-	6,2
pH at 20 °C at 1% solution	8,0÷9,0	5,5÷7,5	6,5÷8,0
Solubility (g/L at 20 °C)	80÷100	100÷120	-
Density (g/L at 20 °C)	-	-	1270÷1290
Packaging	1kg (1kgX10); 5kg (5kgx4)		1L (1Lx16)

Iron (Fe) chelated with EDDHA is stable in the pH range from 4 to 11.
Iron (Fe) chelated with DTPA is stable in the range of pH from 4 to 8,2.



MIXED MICROELEMENTS

Prevention of microelements deficiency



- High nutritional efficiency thanks to the specific frame of the chelating agent
- Excellent stability of the chelating agents to pH variations (high protection of micronutrients)
- High solubility and wide compatibility when mixed with other products

CHARACTERISTICS & RESULTS

MIXED MICROELEMENTS is composed by two specific formulations rich in chelated microelements, quickly absorbed by plants and specially designed to prevent micronutrients deficiencies.

AGRUMIN is used to prevent and correct Zinc and Manganese deficiencies. If applied in pre flowering, it allows to improve the quality and the yield of the harvest.

OLIGOMIX is a blend of chelated microelements. It contains high quantity of chelated Iron in two different forms. The wide range of chemical elements contained in the product allows to intensify all metabolic processes of crops.

APPLICATION RATE

Products	Foliar spray (kg/ha)	Drip irrigation (kg/ha)	N° of applications	Timing of applications
AGRUMIN	1 - 2	4 - 8	1 - 3	after transplanting; during vegetative development
OLIGOMIX	1 - 2	4 - 8	1 - 3	after transplanting; during vegetative development

For cereal crops, it is suggested to apply **OLIGOMIX** with Plant Protection Products (1 application - foliar spray).



MIXED MICROELEMENTS

Agrumin and Oligomix



Mechanism of chelation by a ME cation



ME cation (ME²⁺) binds to a chelating compound by strong bonds

COMPOSITION (% w/w)	AGRUMIN	OLIGOMIX
Boron (B) water soluble	0,2	1,2
Copper (Cu) water soluble, chelated by EDTA	0,6	0,1
Iron (Fe) water soluble	2,0	4,0
- Iron (Fe) water soluble, chelated by DTPA	-	2,5
- Iron (Fe) water soluble, chelated by EDTA	2,0	1,5
Manganese (Mn) water soluble, chelated by EDTA	5,0	1,5
Molybdenum (Mo) water soluble	0,5	0,1
Zinc (Zn) water soluble, chelated by EDTA	4,0	2,0
Magnesium oxide (MgO) water soluble	4,0	4,0
Sulphur trioxide (SO ₃) water soluble	8,0	8,0
pH at 20 °C at 1% solution	6,0÷7,0	5,5÷7,5
Solubility (g/L at 20 °C)	140÷160	200÷220
Packaging	1kg (1kgX16)	

Copper (Cu), Iron (Fe), Manganese (Mn) and Zinc chelated with EDTA and Iron (Fe) chelated with DTPA are stable in the pH range from 4 to 8.





These products have been formulated using the best raw materials available in order to achieve maximum absorption of nutritional elements.

AGROFOL 650

Quality promoter for oilseed & cereal crops

- Formulated with the highest amount of liquid Sulfur promptly available
- Enhances the proteins synthesis into the cereals
- Induces the accumulation of fats into the seeds

CHARACTERISTICS

AGROFOL 650 is an excellent source of Sulfur and Nitrogen quickly absorbed by the plant. Both elements are important components of proteins; **AGROFOL 650** has the highest available content of Nitrogen and Sulphur which interact efficiently in order to build the sulphur amino acids of the plant. Sulfur deficiency can affect the plants ability to utilize Nitrogen for protein synthesis.

RESULTS

AGROFOL 650 may be used on any cultivated crop but it is strongly suggested on oilseed crops (oilseed rape, sunflower, soybean...) and cereal crops (wheat, rice, corn...). Sulphur influences Nitrogen use efficiency, yield, and seed quantity and quality.



AGROFOL 650

Quality promoter for oilseed & cereal crops

APPLICATION RATE

Crop	Foliar spray (L/ha)	N° of applications	Timing of applications
cereals	3 - 6	1 - 3	during the vegetative development with Plant Protection Products
fruit trees, grape, olive trees	3 - 6	1 - 2	during vegetative development
vegetables	3 - 6	1 - 2	during vegetative development

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	15,0	20,0
- Ammoniacal nitrogen (N-NH ₄)	11,0	14,6
- Ureic nitrogen (N-NH ₂)	4,0	5,3
Sulphur trioxide (SO ₃)	59,0	78,5

APPEARANCE	Liquid
COLOUR	Colourless
pH	8,5÷9,5 at 20 °C
DENSITY	1320÷1340 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L



AMINOLEAF line

Balanced plant nutrition

- NPK for foliar application rich in chelated micronutrients
- Prompt effect with high nutritional efficiency
- Multifunctional, stimulates vegetative & productive development
- May be blended with most Plant Protection Products

CHARACTERISTICS & RESULTS

The products of the **AMINOLEAF line** are water-soluble NPK specifically designed for foliar application.

The application of the products of **AMINOLEAF line** is strongly suggested when the productive potential of plants is compromised or must be increased.

The **AMINOLEAF line** is designed to supply promptly available NPK and micronutrients. Rapidly absorbed by plants, products of **AMINOLEAF line** stimulate growth even in conditions of stress. They are suitable for plants with stressed root systems, for soils characterized by a strong fixation or lixiviation and when crops are affected by long periods of drought. **AMINOLEAF line** offers a wide option of formulas satisfying the nutrient requirements of plants in all growth stages.



AMINOLEAF line

Balanced plant nutrition

APPLICATION RATE

Products	Target	Foliar spray (kg/ha)	N° of applications
AMINOLEAF 510	vegetative boost	2,5 - 5	1 - 3
AMINOLEAF 600	NPK balanced	2,5 - 5	1 - 3
AMINOLEAF 680	rooting, flowering	2,5 - 5	1 - 3
AMINOLEAF 710	ripening	2,5 - 5	1 - 3

COMPOSITION (% w/w)

	AMINOLEAF 510	AMINOLEAF 600	AMINOLEAF 680	AMINOLEAF 710
Total nitrogen (N)	35,0	20,0	11,0	11,0
- Nitric nitrogen (N-NO ₃)	1,8	5,5	4,4	11,0
- Ammoniacal nitrogen (N-NH ₄)	-	3,5	4,8	-
- Ureic nitrogen (N-NH ₂)	33,2	11,0	1,8	-
Phosphorus pentoxide (P ₂ O ₅) water soluble	6,0	20,0	35,0	6,0
Potassium oxide (K ₂ O) water soluble	10,0	20,0	22,0	44,0
Sulphur trioxide (SO ₃) water soluble	-	-	-	2,3
pH at 20 °C at 1% solution	4,0÷6,0	4,0÷5,0	4,0÷6,0	4,0÷5,0
Solubility (g/L at 20 °C)	400÷420	360÷380	260÷280	240÷260

	B	Cu	Fe	Mn	Mo	Zn
% w/w	0,050	0,006	0,150	0,060	0,006	0,100
	-	EDTA chelated	EDTA chelated	EDTA chelated	-	EDTA chelated

PACKAGING 1kg (1kgx10); 2,5kg (2,5kgx8)



DIAFILLON

Ripening promoter

- High content of P&K with high solubility
- Promotes root development
- Keeps plants uniformly compact
- Improves the quality of fruits and flowers

CHARACTERISTICS

DIAFILLON is particularly suitable at the beginning of growth to increase and promote the development of the roots allowing a quick vegetative start. It improves flowering and the fertility of vegetables, flowers and orchards. **DIAFILLON** is also very effective in vegetables and orchards in the final phase of fruit ripening. Brix, consistency, colour, and post harvesting shelf life are all improved considerably. If applied in post harvest, **DIAFILLON** will improve the budding of the next season.

RESULTS

With applications of **DIAFILLON** the qualitative characteristics of horticultural, fruit and flower crops together are improved, with a quick and optimal ripeness of the fruit.



DIAFILLON

Ripening promoter

APPLICATION RATE

Crop	Foliar spray (kg/ha)	N° of applications	Timing of applications
fruit trees, grape, olive trees	2,5 - 5	1 - 3	during final stages of fruit ripening
vegetables	1,5 - 3	1 - 2	during final stages
greenhouse	1,5 - 3	1 - 2	during final stages

COMPOSITION

	% w/w
Phosphorus pentoxide (P ₂ O ₅) water soluble	43,0
Potassium oxide (K ₂ O) water soluble	56,0

APPEARANCE	Microgranular
COLOUR	White
pH (1% sol.)	9,0÷11,0 at 20 °C
SOLUBILITY	1700÷1800 g/L at 20 °C
PACKAGING	1kg (1kgx16); 2,5kg (2,5kgx8)



FOLIAR MIX

Flowering setting & uniformity enhancer

- High content of Phosphorus and Zinc
- Contains chelated Zinc and Vitamin B1
- High solubility, quick absorption by leaves, high nutritional efficiency
- Compatible with most Plant Protection Products

CHARACTERISTICS

FOLIAR MIX is a NPK water-soluble fertilizer with a high content of Phosphorus, Zinc and microelements.

FOLIAR MIX provides an extra source of Phosphorus that is readily absorbed by plant tissues, as well as Nitrogen and Potassium.

FOLIAR MIX contains a relevant quantity of Zinc which is needed for proper root and flower formation as well as for seed formation and maturity.

RESULTS

FOLIAR MIX is effective in critical growing stages, such as:

- before flowering, in order to help flower formation, fertility and setting;
- during fruit development, in order to increase quality and to hasten ripening.



FOLIAR MIX

Flowering setting & uniformity enhancer

APPLICATION RATE

Crop	Foliar spray (kg/ha)	N° of applications	Timing of applications
fruit trees, grape, olive trees	2,5 - 5	1 - 2	before and after flowering
vegetables	2,5 - 5	1 - 2	before and after flowering

COMPOSITION

	% w/w
Total nitrogen (N)	15,0
- Nitric nitrogen (N-NO ₃)	4,4
- Ammoniacal nitrogen (N-NH ₄)	5,9
- Ureic nitrogen (N-NH ₂)	4,7
Phosphorus pentoxide (P ₂ O ₅) water soluble	30,0
Potassium oxide (K ₂ O) water soluble	15,0
Magnesium oxide (MgO) water soluble	0,4
Sulphur trioxide (SO ₃) water soluble	0,8
Vitamin B1	0,02

TRACE ELEMENTS

Boron (B) water soluble	0,080
Copper (Cu) water soluble, chelated by EDTA	0,300
Manganese (Mn) water soluble, chelated by EDTA	0,300
Molybdenum (Mo) water soluble	0,005
Zinc (Zn) water soluble, chelated by EDTA	0,150

APPEARANCE Microgranular crystalline powder

COLOUR Green

pH (1% sol.) 4,0÷6,0 at 20 °C

SOLUBILITY 200÷220 g/L at 20 °C

PACKAGING 1kg (1kgx16); 2,5kg (2,5kgx8)



FOLIAR PLUS

Plant growth developer

- Promotes a good vegetative renewal
- Promotes a harmonic growth
- Formulated with high purity raw materials
- Easy to use and apply

CHARACTERISTICS

FOLIAR PLUS is a complete NPK liquid fertilizer with a high microelements content.

FOLIAR PLUS is suitable for all vegetables, fruit trees, industrial crops, cereals, feed crops and ornamental crops in the phase of active growth and to overcome critical periods of stress. It stimulates the growth of vegetative tissues in the first phases and in the early stages of fruit setting. FOLIAR PLUS may be mixed with most herbicides, insecticides and fungicides.

RESULTS

FOLIAR PLUS, applied to the leaves, facilitates the vegetative renewal after the winter. It promotes a harmonic development of leaves, buds and fruit predisposing the crop to optimal growth and production.



FOLIAR PLUS

Plant growth developer

APPLICATION RATE

Crop	Foliar spray (L/ha)	N° of applications	Timing of applications
cereals	3 - 6	1 - 2	during the vegetative development with Plant Protection Products
fruit trees, grape, olive trees	3 - 6	1 - 2	during vegetative development
vegetables	3 - 6	2 - 3	during vegetative development

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	12,5	15,0
- Ammoniacal nitrogen (N-NH ₄)	0,75	0,9
- Ureic nitrogen (N-NH ₂)	11,75	14,1
Phosphorus pentoxide (P ₂ O ₅) water soluble	6,8	8,0
Potassium oxide (K ₂ O) water soluble	5,0	6,0
Magnesium oxide (MgO) water soluble	0,025	0,03
Boron (B) water soluble	0,08	0,10
Copper (Cu) water soluble, chelated by EDTA	0,06	0,07
Manganese (Mn) water soluble, chelated by EDTA	0,05	0,06
Molybdenum (Mo) water soluble	0,005	0,006
Zinc (Zn) water soluble, chelated by EDTA	0,37	0,45
Vitamin B1	0,009	0,011

APPEARANCE	Liquid
COLOUR	Blue
pH	6,0÷7,0 at 20 °C
DENSITY	1190÷1210 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L



MULTIPHOS Mg

Greening effect & starter

- Quick absorption (even in case of low temperatures conditions)
- Vegetative booster if applied by foliar spray (high Magnesium content)
- Starter if applied by drip irrigation (high Phosphorus content)
- Acidifying action: low the pH of the nutrient solution

CHARACTERISTICS

MULTIPHOS Mg is a liquid fertilizer that can be used after transplanting until vegetative growth development and after flowering.

MULTIPHOS Mg is a special fertilizer that supplies promptly available Phosphorus, Potassium and Magnesium.

RESULTS

The Phosphorus contained in **MULTIPHOS Mg** stimulates root induction, flowering, ripening and improves the color of fruits because it is involved in the polymerization of the anthocyanin chains. Magnesium, being the main constituent of chlorophyll, plays an important role for photosynthetic efficiency.



MULTIPHOS Mg

Greening effect & starter

APPLICATION RATE

Crop	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
cereals and industrial crops	4 - 6		1	during early stages
fruit trees, grape, olive trees	4 - 6	10 - 20	1 - 2	before and after flowering
vegetables and ornamental crops	4 - 6	10 - 20	1 - 2	after transplanting
greenhouse crops		10 - 20	1 - 3	after transplanting (used to lower pH of nutrient solution)

COMPOSITION

	% w/w	% w/v
Phosphorus pentoxide (P ₂ O ₅) water soluble	30,0	45,0
Potassium oxide (K ₂ O) water soluble	5,0	7,5
Magnesium oxide (MgO) water soluble	7,0	10,5

APPEARANCE	Liquid
COLOUR	Colourless
pH	1,5÷3,5 at 20 °C
DENSITY	1490÷1510 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L





We have an extensive range of products able to meet the needs of crops in their various stages of development. These products are suitable for conventional agriculture, as well as for new agriculture techniques (e.g. Hydroponic).

AGROFOL N300

Plant growth development

- High Nitrogen content fertilizer in liquid form
- Fast and long-lasting nutritional efficiency

CHARACTERISTICS

AGROFOL N300 is a liquid fertilizer with a high content of Nitrogen in the three main forms (nitric, ureic and ammoniacal) in a balanced ratio.

RESULTS

AGROFOL N300, with the balanced and simultaneous presence of the three Nitrogen forms, is a fertilizer that is both readily available and durable release as well. Nitrate Nitrogen stimulates vegetative growth immediately, whereas the other two forms are made available gradually. Moreover, **AGROFOL N300** promotes an intense green color in the tissues.



AGROFOL N300

Plant growth development

APPLICATION RATE

Crop	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
cereals and industrial crops	6 - 12		1 - 2	with Plant Protection Products
fruit trees, grape, olive trees		20 - 40	2 - 3	during vegetative development
vegetables and ornamental crops		20 - 40	2 - 3	during vegetative development
greenhouse crops		20 - 40	2 - 3	during vegetative development

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	30,0	39,0
- Nitric nitrogen (N-NO ₃)	7,5	9,75
- Ammoniacal nitrogen (N-NH ₄)	7,5	9,75
- Ureic Nitrogen (N-NH ₂)	15,0	19,5
Biuret	< 0,4	< 0,5

APPEARANCE	Liquid
COLOUR	Colourless
pH	6,5÷8,5 at 20 °C
DENSITY	1280÷1320 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L



ESSE-PHOS

Starter with acidifying effect

- Fast rooting effect
- High content of Phosphorus and Sulphur
- Prompt & durable acidifying effect:
 - recommended for calcareous and alkaline soils
 - recommended to acidify the nutrient solution

CHARACTERISTICS

ESSE-PHOS is a strong acidifying fertilizer based on phosphoric and sulphuric acid. **ESSE-PHOS** is mainly applied to lower the pH of alkaline soils or in blend with nutrient solutions.

RESULTS

Applied at the beginning of the vegetative period or after transplanting, **ESSE-PHOS** promotes the development of the root system and prepares the plant for optimal flowering.



ESSE-PHOS

Starter with acidifying effect

APPLICATION RATE

Crop	Drip irrigation (L/ha)	N° of applications	Timing of applications
fruit trees, grape, olive trees	10 - 30	1 - 2	from sprouting till flowering
vegetables and ornamental crops	10 - 30	1 - 2	after transplanting, during early stages
greenhouse crops	10 - 30	1 - 2	after transplanting, during early stages

COMPOSITION

	% w/w	% w/v
Phosphorous pentoxide (P ₂ O ₅) water soluble	28,0	39,2
Sulphur trioxide (SO ₃) water soluble	20,0	28,0

APPEARANCE	Liquid
COLOUR	Greenish
pH (1% sol.)	1,0÷2,0 at 20 °C
DENSITY	1380÷1420 g/L at 20 °C
PACKAGING	6L (6Lx2); 20L



MULTIPLANT line

Standard nutrition

- Contains chelated microelements
- Low biuret content

CHARACTERISTICS & RESULTS

MULTIPLANT are microcrystalline water-soluble fertilizers produced with raw materials of very high quality and purity; it supplies the correct plant nutrition during most stages of crop growth.

These products are the result of Milagro careful research and know-how; **MULTIPLANT** is the perfect choice for most open field cultivated crops.

They dissolve quickly even in cold water and supply promptly available nutrients even in soils and waters with poor analysis.



MULTIPLANT line

Standard nutrition

APPLICATION RATE

Foliar spray (kg/ha)	2,5 - 5
Drip irrigation (kg/ha)	15 - 30
Solution ‰	0,5 - 1,5

Repeated applications. Dosages are only indicative.

COMPOSITION (% w/w)

	4.6.48	13.40.13	20.5.20 +2MgO	20.5.30	20.20.20	30.10.10
Total nitrogen (N)	4,0	13,0	20,0	20,0	20,0	30,0
- Ammoniacal nitrogen (N-NH ₄)	2,7	8,3	4,7	1,0	4,0	3,8
- Ureic nitrogen (N-NH ₂)	1,3	4,7	15,3	19,0	16,0	26,2
Phosphorus pentoxide (P ₂ O ₅) water sol.	6,0	40,0	5,0	5,0	20,0	10,0
Potassium oxide (K ₂ O) water soluble	48,0	13,0	20,0	30,0	20,0	10,0
Magnesium oxide (MgO) water soluble	-	-	2,0	-	-	-
Sulphur trioxide (SO ₃) water soluble	4,1	1,2	14,5	-	-	5,2
pH at 20 °C at 1% solution	4,0÷5,0	4,0÷5,0	4,0÷5,0	4,0÷5,0	4,0÷5,0	4,0÷6,0
Solubility (g/L at 20 °C)	200÷220	280÷300	360÷380	310÷330	300÷320	500÷520

	B	Cu	Fe	Mn	Mo	Zn
% w/w	0,010	0,001	0,030	0,010	0,001	0,020
		*	*	*		*

* ETDA chelated

PACKAGING 25kg



NUTRICAL

Fruit growth, quality & yield

- High content of Calcium
- Contains chelated microelements
- Chloride free

CHARACTERISTICS & RESULTS

NUTRICAL is a fully water-soluble fertilizer produced with raw materials of very high quality and purity. It promptly supplies the perfect plant nutrition during specific stages of plant growth: flower formation and fruit development.

NUTRICAL is the perfect choice for valuable crops nutrition, such as orchards and fruit vegetables (tomatoes, cucumbers, peppers, egg plants, squash, melon, watermelon...).

NUTRICAL dissolves quickly even in cold water and supplies promptly available nutrients even in soils and waters with poor analysis.



NUTRICAL

Fruit growth, quality & yield

APPLICATION RATE

Foliar spray (kg/ha)	2,5 - 5
Drip irrigation (kg/ha)	15 - 30
Solution ‰	0,5 - 1,5

Repeated applications. Dosages are only indicative.

COMPOSITION (% w/w)

NUTRICAL (14.0.28 +10 CaO)

Total nitrogen (N)	14,0
- Nitric nitrogen (N-NO ₃)	13,6
- Ammoniacal nitrogen (N-NH ₄)	0,4
Potassium oxide (K ₂ O) water soluble	28,0
Calcium oxide (CaO) water soluble	10,0
pH at 20 °C at 1% solution	4,0÷6,0
Solubility (g/L at 20 °C)	300÷320

	B	Cu	Fe	Mn	Mo	Zn
% w/w	0,010	0,001	0,030	0,010	0,001	0,020
		*	*	*		*

* ETDA chelated

PACKAGING 15kg



NUTRIGOLD line

Complete nutrition with high ME content

- High content of chelated microelements
- With subacid pH control agents
- Low biuret content
- Chloride free

CHARACTERISTICS & RESULTS

NUTRIGOLD are microcrystalline water-soluble fertilizers produced with raw materials of very high quality and purity. The NPK ratio is extremely diversified and versatile, providing the correct plant nutrition during all the stages of crop growth.

These products are the result of our advanced research and know-how; **NUTRIGOLD** is the perfect choice for valuable crops nutrition; with extra value content of chelated micronutrients.

They dissolve quickly even in cold water and supply promptly available nutrients even in soils and waters with poor analysis.



NUTRIGOLD line

Complete nutrition with high ME content

APPLICATION RATE

Foliar spray (kg/ha)	2,5 - 5
Drip irrigation (kg/ha)	15 - 30
Solution ‰	0,5 - 1,5

Repeated applications. Dosages are only indicative.

COMPOSITION (% w/w)

	8.5.40 +2MgO	9.45.15	15.5.30 +2MgO	18.18.18	20.20.20	35.5.8
Total nitrogen (N)	8,0	9,0	15,0	18,0	20,0	35,0
- Nitric nitrogen (N-NO ₃)	7,0	1,3	8,8	9,2	5,8	2,3
- Ammoniacal nitrogen (N-NH ₄)	1,1	7,7	3,6	8,8	3,9	2,2
- Ureic nitrogen (N-NH ₂)	-	-	2,6	-	10,3	30,5
Phosphorus pentoxide (P ₂ O ₅) water sol.	5,0	45,0	5,0	18,0	20,0	5,0
Potassium oxide (K ₂ O) water soluble	40,0	15,0	30,0	18,0	20,0	8,0
Magnesium oxide (MgO) water soluble	2,0	-	2,0	-	-	-
Sulphur trioxide (SO ₃) water soluble	18,2	6,1	11,5	4,0	-	3,5
pH at 20 °C at 1% solution	3,0÷5,0	3,0÷5,0	3,5÷4,5	3,5÷5,5	4,0÷5,0	3,5÷5,5
Solubility (g/L at 20 °C)	160÷180	200÷220	250÷270	300÷320	300÷320	400÷420

	B	Cu	Fe	Mn	Mo	Zn
% w/w	0,020	0,003	0,070	0,030	0,003	0,050
		*	*	*		*

* EDTA chelated

PACKAGING 10kg; 25kg



NUTRIPRO line

Multifunctional special fertilizer

- Contains chelated microelements (EDTA & DTPA)
- Enhanced efficacy performed by carboxylic acids
- Low pH
- Antioxidant effect
- Chloride free, low biuret content

CHARACTERISTICS & RESULTS

NUTRIPRO are microcrystalline water-soluble fertilizers produced with raw materials of very high quality and purity. The NPK ratio is extremely diversified and versatile, providing the correct plant nutrition during all the stages of crop growth.

These products are the result of Milagro's careful research and know-how; they contain a specific mix of carboxylic acids that will enhance the nutrients mobilization and bioavailability. They contain a high level of chelated micronutrients as well.

They dissolve quickly even in cold water and supply promptly available nutrients even in soils and waters with poor analysis.



NUTRIPRO line

Multifunctional special fertilizer

APPLICATION RATE

Foliar spray (kg/ha)	2,5 - 5
Drip irrigation (kg/ha)	15 - 30
Solution ‰	0,5 - 1,5

Repeated applications. Dosages are only indicative.

COMPOSITION (% w/w)

	10.52.10	17.7.27 +1MgO	20.10.20	21.21.21
Total nitrogen (N)	10,0	17,0	20,0	21,0
- Nitric nitrogen (N-NO ₃)	-	11,5	11,8	2,8
- Ammoniacal nitrogen (N-NH ₄)	6,8	4,6	7,4	-
- Ureic nitrogen (N-NH ₂)	3,2	0,9	0,8	18,2
Phosphorus pentoxide (P ₂ O ₅) water sol.	52,0	7,0	10,0	21,0
Potassium oxide (K ₂ O) water soluble	10,0	27,0	20,0	21,0
Magnesium oxide (MgO) water soluble	-	1,0	-	-
Sulphur trioxide (SO ₃) water soluble	-	2,5	-	-
Carboxylic acids	0,5	0,2	0,7	0,2
Vitamin B1	0,02	0,02	0,02	0,02
pH at 20 °C at 1% solution	2,0÷4,0	2,0÷4,0	2,0÷4,0	2,0÷4,0
Solubility (g/L at 20 °C)	260÷280	300÷320	360÷380	300÷320

	B	Cu	Fe	Mn	Mo	Zn
% w/w	0,040	0,020	0,130	0,070	0,001	0,080
		*	**	*		*

* EDTA chelated

** DTPA chelated

PACKAGING 15kg



TIOPLUS line

High Sulphur content, strong acidifying effect

- Nutritional effect + microelements optimization uptake
- Rapid effect
- Reduces soil salinity
- Strong anti-chlorotic action
- Free from Chloride

CHARACTERISTICS & RESULTS

TIOPLUS line is composed by two products based on a high % of thiosulphate. Anion thiosulphate, is as an important source of Sulphur for plants, and it performs the following functions:

- Reduces the pH of the soil; as a result, some microelements (Iron, Manganese...) will be more available for plants;
- Regulates the action of urease and nitrification enzymes, reducing Nitrogen losses for leaching and volatilization.

TIOPLUS BASIS is a liquid fertilizer fully based on Ammonium thiosulphate. **TIOPLUS BASIS** is able to speed-up the microelements uptake which are essential for the early stages of crops.

TIOPLUS 36K is a liquid fertilizer fully based on Potassium thiosulphate, with the highest content of Potassium and Sulphur in the form of a clear liquid solution existing in the world. **TIOPLUS 36K** enhances the ripening processes. Moreover, **TIOPLUS 36K** is used for providing Potassium at the right time, especially when vegetative growth is undesired.



TIOPLUS line

Tioplus Basis and Tioplus 36K

APPLICATION RATE

Products	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
TIOPLUS BASIS		20 - 40	1 - 3	during vegetative development with an interval of 15 days
TIOPLUS 36K	3 - 6	20 - 40	2 - 4	during fruit enlargement and ripening with an interval of 15 days

It is suggested to apply **TIOPLUS BASIS** with OLIGOMIX, DIAFERRENE, DIAFERRENE TOP 44, AGRUMIN.

COMPOSITION (% w/w)

	TIOPLUS BASIS	TIOPLUS 36K
Total nitrogen (N)	12,0	-
- Ammoniacal nitrogen (N-NH ₄)	12,0	-
Potassium oxide (K ₂ O) water soluble	-	25,0
Sulphur trioxide (SO ₃) water soluble	65,0	42,0
pH at 20 °C	8,0÷10,0	7,0÷9,0
Density (g/L at 20 ° C)	1320÷1340	1440÷1460

PACKAGING 1L (1Lx16); 6L (6Lx2); 20L





These products can greatly improve the chemical, physical and biological fertility of the soil.



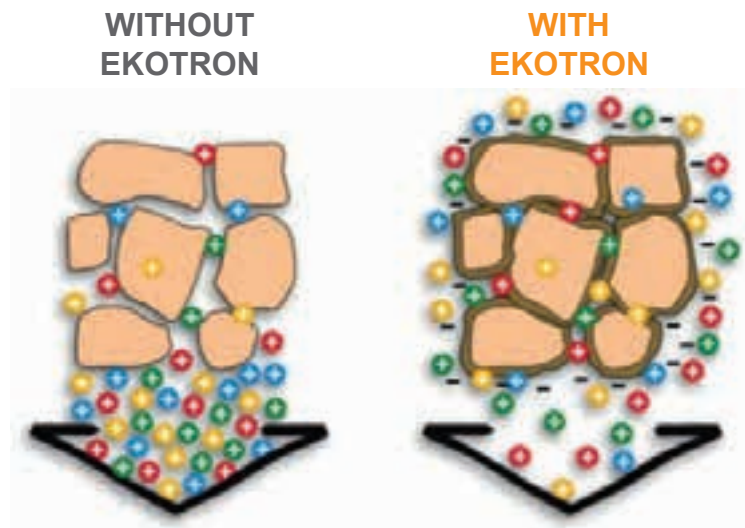
- Increases the water retention capacity of soil
- Improves soil buffering capacity
- Promotes root respiration and development
- Improves nutrient uptake through the root system

CHARACTERISTICS

EKOTRON is a natural organic soil conditioner of fossil origin derived from Leonardite, rich in high quality humic and fulvic acids. **EKOTRON** acts as a binding agent between the soil particles facilitating the formation of a good structure. It contributes both to increase the soil exchange capacity and to make the insoluble elements available to the roots. **EKOTRON** is particularly indicated for exhausted soils, poor in organic matter.

RESULTS

EKOTRON carries out a revitalizing action in exhausted soils obtaining a more harmonic growth of the plants and better quality of vegetables, fruits and flowers.



APPLICATION RATE

Crop	Soil application (kg/ha)	N° of applications	Timing of applications
cereals and industrial crops	200	1	apply during soil preparation
fruit trees, grape, olive trees	400 - 800	1	apply in trees hole during planting, and to the total shade area on worn-out soils
vegetables and ornamental crops	100 - 200	1	apply during soil preparation
greenhouse crops	100 - 200	1	apply during soil preparation

COMPOSITION

	% w/w
Nitrogen (N-CO) organic (on dry matter)	3,0
Organic carbon (C) of biological origin (on dry matter)	34,0
Organic matter (OM) (on dry matter)	65,0
Extractable organic matter (OM) (% of total organic matter)	68,0
Humified organic matter (% of the extractable organic matter)	95,0
Magnesium oxide (MgO)	1,5
Iron (Fe)	2,0
Total humic extract	
- Humic acids	48,0
- Fulvic acids	12,0

APPEARANCE	Granules
COLOUR	Black
pH (10% sol.)	6,5÷7,5 at 20 °C
PARTICLE SIZE	5 mm
PACKAGING	25kg





- Improves the biological characteristics of the soil enhancing microorganisms metabolism
- Improves the physical and chemical characteristics of the soil
- Enhances mineral nutrition thanks to the activity of microorganisms
- Optimizes the root development of plants
- Rich in animal and vegetables amino acids

CHARACTERISTICS

MIXAMIN is a fast acting organic liquid fertilizer made from a mixture of animal & vegetable amino acids and peptides.

RESULTS

Nutritional elements are available to plants as a consequence and result of the activities of the telluric microflora responsible for all biochemical processes. The presence in the soil of a rich and vital biomass helps to obtain high and consistent yields. The formulation of **MIXAMIN**, rich in natural substances such as amino acids, peptides, organic acids and sugars, stimulates the biological activity of soils, improves enzymatic processes and increases the availability of the nutrients supplied with the mineral fertilizer.



APPLICATION RATE

Crop	Drip irrigation (L/ha)	N° of applications	Timing of applications
fruit trees, grape, olive trees	20 - 40	2 - 4	during initial stages; during fruit swelling
vegetables and ornamental crops	20 - 40	2 - 4	during initial stages; during fruit swelling
greenhouse crops	20 - 40	2 - 4	during initial stages; during fruit swelling

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	5,0	6,3
- Organic nitrogen (N-CO)	5,0	6,3
Potassium oxide (K ₂ O) water soluble	3,0	3,8
Organic carbon (C)	19,0	23,9
Total amino acids	22,0	27,7
- Amino acids of animal origin	16,5	20,8

APPEARANCE	Liquid
COLOUR	Brown
pH	6,0÷8,0 at 20 °C
DENSITY	1250÷1270 g/L at 20 °C
PACKAGING	6L (6Lx2); 20L



RIVITER HFA

Integrates soil organic fertility, for fertigation



- Improves microbial balance and activity in the soil
- Enhances the CEC (Cation Exchange Capacity)

CHARACTERISTICS

RIVITER HFA has a high content of organic matter, vegetal amino acids, humic and fulvic acids.

RIVITER HFA stimulates the natural fertility and the biological activity of the microflora present in the soil. The crops capacity to absorb the mineral fertilizers will be enhanced. The high content of humic and fulvic acids increases the soil's capacity for ion exchange.

RESULTS

RIVITER HFA carries out a revitalizing action in exhausted soils obtaining a more harmonic growth of the plants and better quality of vegetables, fruits and flowers.



RIVITER HFA

Integrates soil organic fertility, for fertigation

APPLICATION RATE

Crop	Drip irrigation (L/ha)	N° of applications	Timing of applications
fruit trees, grape, olive trees	30 - 60	1 - 2	from vegetative development to fruit development
vegetables and ornamental crops	30 - 60	2 - 3	from transplanting to fruit ripening
greenhouse crops	30 - 60	2 - 4	from transplanting to harvest

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	5,0	6,4
- Ammoniacal nitrogen (N-NH ₄)	2,0	2,6
- Organic nitrogen (N-CO)	3,0	3,8
Potassium oxide (K ₂ O) water soluble	2,5	3,2
Organic carbon (C)	17,0	21,8
Organic carbon (C) by humic & fulvic acids	7,5	9,6

APPEARANCE	Liquid
COLOUR	Brown
pH	5,5÷6,5 at 20 °C
DENSITY	1270÷1290 g/L at 20 °C
PACKAGING	6L (6Lx2); 20L





GRANULARS & MICROGRANULARS



This family of products is studied to reach the highest production efficiency in many kind of crops. Our microgranulars production process achieves a uniform particle size, without impurities and dust. Therefore, they can be applied with success during seeding.

GRANULAR line

Complete nutrition, with Sulphur, Magnesium and Boron

- Homogeneous granules size
- NO dust, NO impurities

CHARACTERISTICS

GRANULAR line is composed by two NPK granular fertilizers based on a balanced combination of nutritional elements, useful to obtain quantitative yields of higher quality.

ALBA GROW is a balanced NPK with high content in K, S and B.

HUMO BALANCE S is a organo-mineral fertilizer rich in secondary nutrients and with high content of Organic carbon.

RESULTS

The two products of the **GRANULAR line** perform multiple actions thanks to the presence of the following elements:

- N, Mg: greening effect
- P: rooting effect
- K: ripening effect
- B: pollen fertility and sugar translocation
- S: acidifying effect
- Zn: rooting, hormonal balance (auxins), flowering effect
- Organic matter: positive effects on biological, chemical and physical soil fertility



GRANULAR line

Alba Grow and Humo Balance S

APPLICATION RATE

Soil application (kg/ha)	300 - 500
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Repeated applications. Dosages are only indicative.

COMPOSITION (% w/w)

	ALBA GROW	HUMO BALANCE S
Total nitrogen (N)	12,0	11,0
- Organic nitrogen (N-CO)	-	1,5
- Ammoniacal nitrogen (N-NH ₄)	10,0	-
- Ureic nitrogen (N-NH ₂)	2,0	9,5
Phosphorus pentoxide (P ₂ O ₅) soluble in water and neutral ammonium citrate	12,0	5,0
Potassium oxide (K ₂ O) water soluble	17,0	9,0
Calcium oxide (CaO) water soluble	-	3,0
Sulphur trioxide (SO ₃) water soluble	22,0	22,0
Total magnesium oxide (MgO)	2,0	2,0
Boron (B) water soluble	-	0,01
Organic carbon (C) of biological origin	-	7,5

Density (kg/dm ³ at 20 °C)	-	0,94
Organic matrices	-	Peat

PACKAGING 25kg



- Enhances the seeds germination
- Boosts the development of the radical system
- Increases transplants positive results

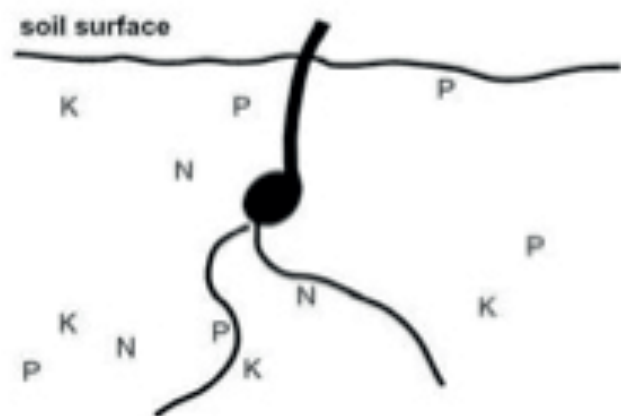
CHARACTERISTICS & RESULTS

HUMO-GROW is a microgranular fertilizer with balanced content of Nitrogen, Phosphorus, Sulphur, Zinc and Leonardite. This combination promotes a starter effect after seedling and wintertime.

HUMO-GROW is the best product for application on field crops (localized during sowing).

The microgranules size and the high solubility of the raw materials allows to obtain up to the 100% efficacy of the treatment.

- **Smaller granules** → better surface of exchange
- **Granules closer to the seed** → P_2O_5 directly available
- **Large number of granules** → promptly available nutrition



APPLICATION RATE

Crop	Soil application (kg/ha)	N° of applications	Timing of applications
cereals and industrial crops	20 - 30	1	during seeding
fruit trees, grape, olive trees	30 - 40	1 - 2	after transplanting
vegetables and ornamental crops	10 - 20	1 - 2	after transplanting
greenhouse crops	5 - 10	1 - 2	after transplanting

COMPOSITION (% w/w)

COMPOSITION (% w/w)	% w/w
Total nitrogen (N)	10,0
- Ammoniacal nitrogen (N-NH ₄)	10,0
Phosphorus pentoxide (P ₂ O ₅) soluble in neutral ammonium citrate and water	43,0
Phosphorus pentoxide (P ₂ O ₅) water soluble	40,0
Sulphur trioxide (SO ₃) water soluble	5,0
Zinc (Zn) total	1,0
Leonardite	5,0

APPEARANCE Microgranular
COLOUR Grey
PACKAGING 10kg





Among our auxiliary products we also have a number of products specifically designed to aid in the preparation and efficiency of nutrient solutions and other farming techniques.

COPPER BOR 50

Prevents Copper deficiency



- Formula with very high content of Copper
- Easy to use
- Reinforce all crops

CHARACTERISTICS

COPPER BOR 50 is a Milagro powder based on a particular form of Copper. **COPPER BOR 50** is applied to prevent and treat Copper deficiency of crops.

RESULTS

COPPER BOR 50 contains Copper which acts as a precursor of some important enzymes of photosynthetic processes and respiratory chain, protein synthesis and growth hormone (indolacetic acid).



COPPER BOR 50

Prevents Copper deficiency

APPLICATION RATE

Crop	Foliar spray (g/100L)	N° of applications	Timing of applications
cereals	100 - 200	1	during tillering
fruit trees, grape, olive trees	100 - 400	2 - 3	during vegetative development
vegetables	100 - 200	1 - 2	during vegetative development

Do not apply on stone fruits.

COMPOSITION

	% w/w
Boron (B) water soluble	0,2
Copper (Cu) total	50,0

APPEARANCE	Micro crystalline powder
COLOUR	Blue
pH (1% sol.)	7,0÷8,0 at 20 °C
PACKAGING	1kg (1kgx20); 5kg (5kgx4); 10kg



- Cleans plant surfaces from organic residues
- Surfactant and adhesive effect
- Acidifying action
- Enhances the effect of foliar fertilizers and Plant Protection Products

CHARACTERISTICS

ICARO is a new innovative Milagro solution containing Nitrogen and Phosphorus, acting as a foliar fertilizer soap. The main effect of **ICARO** is to keep the plants clean.

RESULTS

Thanks to its formulation, **ICARO** also performs a repellent effect on small wax-covered insects. **ICARO** cleans dirty fruits and leaves from organic residues, such as honeydew and sooty molds. Thanks to its acidifying and adhesive effect, **ICARO** lowers the pH to the ideal values for treatments with Plant Protection Products and fertilizers, enhancing their effect without interacting with the plant's metabolism.



APPLICATION RATE

Crop	Foliar spray (L/hl)	N° of applications	Timing of applications
cereals and industrial crops	0,5 - 1*	1 - 2	in combination with phytosanitary products
fruit trees, grape, olive trees	0,5 - 1*	1 - 2	before and after the stress; repeat the treatment after 7 - 15 days
vegetables and ornamental crops	0,5 - 1*	1 - 2	before and after the stress; repeat the treatment after 7 - 15 days
greenhouse crops	0,5 - 1*	1 - 2	before and after the stress; repeat the treatment after 7 - 15 days

* With high volumes of water (1500 - 2000 L/ha): 0,5 - 1,0 L/hl;
with normal volumes of water (200 - 600 L/ha): 0,4 - 0,5 L/hl

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	10,0	11,50
- Ammoniacal nitrogen (N-NH ₄)	1,5	1,73
- Ureic nitrogen (N-NH ₂)	8,5	9,77
Phosphorus pentoxide (P ₂ O ₅) water soluble	8,0	9,20

APPEARANCE	Liquid
COLOUR	Green
pH	3,0÷5,0 at 20 °C
DENSITY	1140÷1160 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L



pH MASTER

pH regulator & indicator

- Enhances Plant Protection Products action
- The acidifying effect determines a better solubility of the nutritional solutions
- pH indicator: presence of colorimetric scale on the label

CHARACTERISTICS

pH MASTER is a special liquid NP fertilizer created to support and improve the efficacy of pesticide solutions and fertilizing mixtures.

RESULTS

When added to spray solutions, **pH MASTER** acts as:

- Acidifying agent: lowers the pH to the optimal values required by Plant Protection Products and fertilizers
- Indicator: gives to solutions a specific color that changes in relation to the achieved pH
- Adhesive-sticker: allows nutrients and Plant Protection solutions to form a thin layer on foliar surfaces to increase adhesion, improving the wettability of vegetation and increasing the penetration of active substances
- Dispersing agent: reduces the sedimentation of added products in mixtures



pH MASTER

pH regulator & indicator

APPLICATION RATE

The pH of spraying solutions must be corrected before adding the Plant Protection Products/foliar fertilizer: add the product to the water while mixing (about 60-80 ml in 100L of water to reach pH = 6,0÷6,5). The dose will change in relation to the desired pH and to the water hardness. To check the obtained pH, simply compare the color of the solution to the color scale shown on the label. Add more product, if required, 20 ml at a time, until the desired pH is obtained.



COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	3,1	3,8
- Ureic nitrogen (N-NH ₂)	3,1	3,8
Biuret	< 0,1	< 0,12
Phosphorus pentoxide (P ₂ O ₅) water soluble	23,7	28,7

APPEARANCE	Liquid
COLOUR	Dark red
pH	0,0÷1,0 at 20 °C
DENSITY	1200÷1220 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2)



STICKER

Improves foliar application treatments

- Guarantees an adhesive action for foliar spray
- Works as co-adjuvant on foliar spray

CHARACTERISTICS & RESULTS

STICKER is a liquid fertilizer based on ureic Nitrogen with co-adjuvant effect for foliar application.

STICKER has the following effects:

- Nutritional action: thanks to its Nitrogen content, **STICKER** application is suggested during vegetative crop stage.
- Wetting action: **STICKER** increases the action persistency and the pesticides' effectiveness avoiding the rain's washing action. **STICKER** permits the formation of a uniform liquid film on the plants' treated surfaces.



STICKER

Improves foliar application treatments

APPLICATION RATE

Crop	Foliar application (ml/100L)
all crops treated with fertilizer and pesticide solutions	50

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	15,0	16,5
- Ureic nitrogen (N-NH ₂)	15,0	16,5

APPEARANCE	Liquid
COLOUR	Green
pH	8,5÷9,5 at 20 °C
DENSITY	1080÷1100 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L





Alba Milagro recommends to every user to observe the following directions during the mixing of the products:

- Follow all the recommendations on the label for each component product, any risk sentences and any recommended volume of water
- Each product must be added separately in the mixing tank
- Efficient mixing is essential during component addition and must be maintained until the application is complete
- All mixtures must be used IMMEDIATELY and do not let them settle in the tank for prolonged periods or overnight
- The attached information on the miscibility of Milagro products does not cover the high concentration used in ULV systems
- The application of Milagro products in combination with any other product is entirely at the user's responsibility

The information in this catalogue is to be considered as purely indicative and reported in good faith. Alba Milagro reserves the right to make changes at any time to meet any technical, legislative or commercial requirement.

MISCIBILITY TABLES



ACTIVATORS

	Sulphur (sulphates)	Calcium	Phosphorus (phosphates)	Copper	Boron (boric acid)	Acidic pH	Alkaline pH	Organic matter	Humic / Fulvic acids	Chelated microelements
ACTIFOL	Yellow	Yellow	Yellow	Yellow	Green	Yellow	Yellow	Green	Green	Green
ACTIVA	Yellow	Yellow	Green	Yellow	Green	Yellow	Yellow	Green	Green	Green
AMINOTON	Green	Green	Green	Red	Green	Yellow	Yellow	Green	Green	Green
ASKAN	Yellow	Yellow	Green	Red	Green	Yellow	Yellow	Green	Green	Green
ASKAN VEG	Yellow	Yellow	Green	Red	Green	Yellow	Yellow	Green	Green	Green
BETACROP PLUS	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
KALEX	Green	Yellow	Green	Red	Green	Green	Yellow	Green	Green	Green
KALEX Cu	Green	Red	Green	Red	Yellow	Yellow	Yellow	Yellow	Yellow	Green
KALEX Zn	Green	Yellow	Green	Red	Green	Green	Yellow	Green	Green	Green
KALEX EVO	Green	Red	Green	Red	Yellow	Yellow	Yellow	Yellow	Yellow	Green
LONITE 80 SP	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green
MILABRIX-K	Yellow	Red	Yellow	Red	Yellow	Yellow	Green	Green	Green	Green
PROMET Cu	Green	Red	Green	Green	Green	Yellow	Yellow	Green	Green	Green
PROMET Zn	Green	Red	Green	Green	Green	Yellow	Yellow	Green	Green	Green
REDGAIN	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
SILI-MAX	Yellow	Red	Yellow	Yellow	Yellow	Red	Green	Yellow	Yellow	Yellow
STAYGREEN	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
STIMCROP	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
X-ROOT	Green	Red	Yellow	Green	Green	Yellow	Yellow	Green	Yellow	Green

MISCIBILITY TABLES



MICROELEMENTS & SECONDARY NUTRIENTS

	Sulphur (sulphates)	Calcium	Phosphorus (phosphates)	Copper	Boron (boric acid)	Acidic pH	Alkaline pH	Organic matter	Humic / Fulvic acids	Chelated microelements
AGRUMIN	Green	Yellow	Yellow	Green	Green	Yellow	Yellow	Green	Green	Green
APICAL	Red	Green	Red	Red	Green	Green	Yellow	Green	Green	Green
BORAMIDE	Yellow	Yellow	Yellow	Green	Green	Yellow	Yellow	Green	Green	Green
CAL-BRIK	Red	Green	Red	Red	Green	Yellow	Yellow	Green	Green	Green
CALCIBOR	Red	Green	Red	Red	Green	Yellow	Yellow	Green	Green	Green
CALCITEK	Red	Green	Red	Red	Green	Green	Yellow	Green	Green	Green
DIAFERRENE	Green	Green	Green	Yellow	Yellow	Red	Red	Green	Green	Green
DIAFERRENE HL	Green	Green	Green	Yellow	Yellow	Red	Red	Green	Green	Green
DIAFERRENE TOP 44	Green	Green	Green	Yellow	Yellow	Red	Red	Green	Green	Green
MOLBOR	Yellow	Yellow	Yellow	Yellow	Green	Yellow	Yellow	Green	Green	Green
OLIGOMIX	Green	Red	Yellow	Green	Green	Yellow	Yellow	Green	Green	Green
TOPCAL	Red	Yellow	Red	Green	Green	Yellow	Red	Yellow	Yellow	Yellow
TWIN	Yellow	Yellow	Yellow	Yellow	Green	Yellow	Yellow	Green	Green	Green

- Miscible
- Do not mix
- Pay attention when mixing/test on small samples

It is meant mixing in a stock solution about 10% w/w in water, DO NOT mix pure products as such.

MISCIBILITY TABLES



FOLIAR NPK

	Sulphur (sulphates)	Calcium	Phosphorus (phosphates)	Copper	Boron (boric acid)	Acidic pH	Alkaline pH	Organic matter	Humic / Fulvic acids	Chelated microelements
AGROFOL 650	Green	Red	Yellow	Yellow	Yellow	Red	Yellow	Green	Green	Green
AMINOLEAF 510	Green	Green	Green	Yellow	Green	Green	Yellow	Green	Green	Green
AMINOLEAF 600	Green	Green	Green	Yellow	Green	Green	Yellow	Green	Green	Green
AMINOLEAF 680	Green	Green	Green	Yellow	Green	Green	Yellow	Green	Green	Green
AMINOLEAF 710	Green	Green	Green	Yellow	Green	Green	Yellow	Green	Green	Green
DIAFILLON	Green	Red	Green	Yellow	Green	Red	Green	Green	Yellow	Green
FOLIAR MIX	Green	Yellow	Green	Green	Green	Yellow	Yellow	Green	Yellow	Green
FOLIAR PLUS	Yellow	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green	Green
MULTIPHOS Mg	Yellow	Yellow	Green	Green	Green	Green	Yellow	Green	Yellow	Yellow

Green Miscible

Red Do not mix

Yellow Pay attention when mixing/test on small samples

It is meant mixing in a stock solution about 10% w/w in water, DO NOT mix pure products as such.

MISCIBILITY TABLES



FERTIGATION PRODUCTS

	Sulphur (sulphates)	Calcium	Phosphorus (phosphates)	Copper	Boron (boric acid)	Acidic pH	Alkaline pH	Organic matter	Humic / Fulvic acids	Chelated microelements
AGROFOL N300	Green	Green	Green	Yellow	Green	Yellow	Yellow	Green	Green	Green
ESSE-PHOS	Green	Yellow	Green	Green	Green	Green	Yellow	Yellow	Yellow	Red
MULTIPLANT 4.6.48	Green	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green	Green
MULTIPLANT 13.40.13	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
MULTIPLANT 20.5.20+2MgO	Green	Yellow	Yellow	Green	Green	Yellow	Yellow	Green	Green	Green
MULTIPLANT 20.5.30	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
MULTIPLANT 20.20.20	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
MULTIPLANT 30.10.10	Green	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIGOLD 8.5.40+2MgO	Green	Yellow	Yellow	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIGOLD 9.45.15	Green	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIGOLD 15.5.30+2MgO	Green	Yellow	Yellow	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIGOLD 18.18.18	Green	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIGOLD 20.20.20	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIGOLD 35.5.8	Green	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIPRO 10.52.10	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIPRO 17.7.27+1MgO	Green	Yellow	Yellow	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIPRO 20.10.20	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRIPRO 21.21.21	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green
NUTRICAL	Red	Green	Yellow	Red	Green	Yellow	Yellow	Green	Green	Green
TIOPLUS 36K	Green	Red	Yellow	Green	Green	Yellow	Yellow	Green	Green	Green
TIOPLUS BASIS	Green	Red	Yellow	Green	Green	Yellow	Yellow	Green	Green	Green

MISCIBILITY TABLES



SOIL CONDITIONERS

	Sulphur (sulphates)	Calcium	Phosphorus (phosphates)	Copper	Boron (boric acid)	Acidic pH	Alkaline pH	Organic matter	Humic / Fulvic acids	Chelated microelements
MIXAMIN	■	■	■	■	■	■	■	■	■	■
RIVITER HFA	■	■	■	■	■	■	■	■	■	■



COMPLEMENTARY PRODUCTS


























	Sulphur (sulphates)	Calcium	Phosphorus (phosphates)	Copper	Boron (boric acid)	Acidic pH	Alkaline pH	Organic matter	Humic / Fulvic acids	Chelated microelements
COPPER BOR 50	■	■	■	■	■	■	■	■	■	■
ICARO	■	■	■	■	■	■	■	■	■	■
pH MASTER	■	■	■	■	■	■	■	■	■	■
STICKER	■	■	■	■	■	■	■	■	■	■

- Miscible
- Do not mix
- Pay attention when mixing/test on small samples


It is meant mixing in a stock solution about 10% w/w in water, DO NOT mix pure products as such.

NOTES

SAFETY INFO

PRODUCT	Hazard pictograms	Hazard statements
APICAL	 	H302 Harmful if swallowed. H318 Causes serious eye damage.
CAL-BRIK		H319 Causes serious eye irritation.
CALCIBOR		H319 Causes serious eye irritation.
CALCITEK	 	H302 Harmful if swallowed. H318 Causes serious eye damage.
COPPER BOR 50	 	H301 Toxic if swallowed. H332 Harmful if inhaled. H410 Very toxic to aquatic life with long lasting effects.
DIAFERRENE HL		H290 May be corrosive to metals.
DIAFILLON		H319 Causes serious eye irritation.
ESSE-PHOS		H314 Causes severe skin burns and eye damage.
FOLIAR MIX	 	H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.
HUMO-GROW		H412 Harmful to aquatic life with long lasting effects.
ICARO		H318 Causes serious eye damage.
KALEX		H319 Causes serious eye irritation.
KALEX Zn	  	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H411 Toxic to aquatic life with long lasting effects.
KALEX EVO	  	H302 Harmful if swallowed. H317 May cause an allergic skin reaction. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.
MULTIPHOS Mg		H314 Causes severe skin burns and eye damage.
NUTRICAL	 	H302 Harmful if swallowed. H318 Causes serious eye damage.
NUTRIGOLD 18.18.18		H319 Causes serious eye irritation.

SAFETY INFO

PRODUCT	Hazard pictograms	Hazard statements
NUTRIPRO 10.52.10		H315 Causes skin irritation. H318 Causes serious eye damage.
NUTRIPRO 17.7.27+1MgO		H315 Causes skin irritation. H318 Causes serious eye damage.
NUTRIPRO 20.10.20		H315 Causes skin irritation. H318 Causes serious eye damage.
NUTRIPRO 21.21.21		H315 Causes skin irritation. H318 Causes serious eye damage.
OLIGOMIX		H360 May damage fertility or the unborn child.
pH MASTER		H314 Causes severe skin burns and eye damage.
PROMET Cu	  	H302 Harmful if swallowed. H318 Causes serious eye damage. H410 Very toxic to aquatic life with long lasting effects.
PROMET Zn	 	H314 Causes severe skin burns and eye damage. H411 Toxic to aquatic life with long lasting effects.
SILI-MAX		H315 Causes skin irritation. H319 Causes serious eye irritation.
TOPCAL		H319 Causes serious eye irritation.
TWIN		H319 Causes serious eye irritation.
X-ROOT	 	H318 Causes serious eye damage. H410 Very toxic to aquatic life with long lasting effects.

Clasificación de los productos de acuerdo a la legislación de la UE (Reglamento CLP) según el Reglamento (CE) 1272/2008 (CLP).