AGRI 2000 ITALIA®

SERVICES AND PRODUCTS FOR AGRICULTURE

CATALOGUE

INDEX

P.N.: The asterisk nearby the name indicates Biological products

ORGANIC FERTILIZER AGROSOIL

AGROSOIL 9-6-14

Solid organic Mineral Fertilizer NPK 9-6-14 with micro-nutrients (low chlorine)

Composition	Total Nitrogen (N)	9%
	water-soluble organic Nitrogen (N)	2%
	water-soluble Ammonia Nitrogen (N)	4,5%
	water-soluble urea Nitrogen (N)	2,5%
	Phosphorus pentoxide (P2O5) soluble in water	6%
	Potassium oxide (K2O) soluble in water	14%
	Magnesium oxide (MgO)	2%
	Sulfur trioxide (SO3) soluble in water	25%
	Zinc (Zn) soluble in water	0,012%
	Copper (Cu) water soluble	0,02%
	Carbon (C) organic	7,5%

Technical Features

AGROSOIL 9-6-14 is a product made up of granular organo-mineral fertilizer which is naturally slow-releasing. The combination of raw materials, favored by the production process and the presence of natural zeolite, produces an optimal supply of nutrients in the soil, better control of moisture and prevents leaching losses. **AGROSOIL 9-6-14** is for the fertilization of vegetables, orchards, vineyards, olive groves, nurseries, tobacco, cereals and industrial crops, ornamentals and flowers. The ratio of nutrients is formulated for optimal and balanced nutrition that promotes vegetative-productive balance of the crop. The organic nitrogen content is designed to increase efficiency and duration of fertilization and to meet the needs of the crop throughout the growing season.

Physical Characteristics

Granulare compound

Methods of usage and dosages

Tree crops

(Vine, Kiwi, citrus, pome fruit, stone fruit, Sharon fruit, Olive):

spread over the entire surface post-harvest or in autumn/winter at a dose of 600-800 kg / ha, localized application along the rows at a dose of 400-600 kg / ha.

Vegetables, ornamental and flower crops: spread at the time of bed preparation, transplanting or seeding at a dose of 600-800 kg / ha.

Tobacco, cereals and industrial crops: apply pre-planting at a dose of 800-1000 kg / ha.

Do not use in pastures

Packaging: 25-500kg

AGROSOIL 13-6-5

Solid Organic-Mineral NPK fertilizer (SO3) 13-6-5 + B (low chlorine)

Composition	Total Nitrogen (N)	13%
	Organic Nitrogen (N)	2%
	Nitrogen (N) Ammoniacal	8,5%
	Urea Nitrogen (N)	2,5%
	total Phosphorus pentoxide (P_2O_5) sol. in mineral acids	6%
	Phosphorus pentoxide (P_2O_5) sol. in neutral ammonium citrate and water total water soluble	5%
	Potassium oxide (K_2O) total water soluble	5%
	Sulfur trioxide (SO_3) soluble in water	20%
	Boron (B) soluble in water	0,05%
	Carbon (C) of biological origin	7,5%

Technical Features

AGROSOIL 13-6-5 is a granular organic fertilizer that allows complete and prolonged nutrition for (pome and stone fruit), grapes, citrus fruits, Kiwi, Olive, meadows and lawns, gardens and ornamental plants and also herbaceous crops. The high content of nitrogen is divided into three chemical forms with different release rates in order to ensure a sustained and balanced nutrition of plants without leaching losses. The balanced ratio of phosphorus and potassium is vital to promote root development, stimulate flowering, improve the color, flavor, shelf life, but also resistance to adverse conditions (drought and cold) and oil yield. **AGROSOIL 13-6-5** also contains sulphur and boron present in similar forms, which generally increase the total effectiveness of the fertilizer, and in particular balance out irregular production.

Physical Characteristics

Granulare compound

Methods of usage and dosages

Tree crops (pome,Vine,Kiwi fruit,stone fruit):in autumn or at the restart of vegetative growth 400-800 kg/ha

Olive: at the restart of vegetative growth in open fields (600-800 kg / ha) or localized (2-5 kg / plant).

Citrus: at the restart of vegetative growth 500-600 kg / ha.

Nuts: at the restart of vegetative growth 400-600 kg / ha.

Leafy Vegetables and fruit: at the preparation of the seedbed or before transplanting 700-900 kg / ha.

Ornamental flowers, lawns and gardens: pre-sowing, pre-transplant or at the restart of vegetative growth 400-600 kg / ha.

Field crops, extensive and industrial: pre-sowing or pre-transplant 400-800 kg / ha.

Strawberry: pre-transplant 500-800 kg / ha.

Packaging: 25-500kg

AGROSOIL 8-5-15

Solid mineral fertilizer NPK 8-5-15 + 2 MgO + 14SO3

Composition	Total Nitrogen (N)	8%
	Nitrogen (N) Organic	1%
	Nitrogen (N) Ammoniacal	7%
	Total phosphoric anhydride (P_2O_5)	5%
	Phosphoric anhydride (P_2O_5) soluble in water	5%
	Phosphoric anhydride (P_2O_5) soluble In neutral ammonium citrate and water	4,5%
	Potassium oxide (K_2O) soluble in water	15%
	Total magnesium oxide (MgO)	2%
	Sulfur trioxide (SO_3) soluble in water	14%
	Organic carbon (C) of biological origin	7,5%

Technical Features

AGROSOIL 8-5-15, thanks to the high content of organic organic substance, develops the "microflora" of the soil, improving its fertility and its ability to retain the fertilizing units administered. Nitrogen, the most delicate element in the dosage due to its decisive effects on production, is divided into two forms: ammoniacal and organic, this allows a sequential and lasting nutrition until the fruit ripens and avoids vegetative imbalances that expose the culture at times of stress. The high content of potassium and the two units of magnesium which enhance the good agronomic result are of particular importance. The high content of organic sulfur allows, among other things, a re-mobilization of insoluble elements in the soil due to alkaline or sub-alkaline pH as well as an optimal production of amino acids and proteins in vegetables.

Methods of usage and dosages

Citrus fruits: 600-1000 kg/ha, post harvest or vegetative restart
Peach, Cherry, Melo, Pero Kiwi: 300-600 kg/ha, Autumn or after harvest; 400-800 kg/ha, Post harvest late summer or fall
Melon, Watermelon: 400-800 kg/ha, pre-transplant
Tomato, Potato: 600-1000 kg/ha, pre-sowing or pre-transplanting
Strawberries: 400-600 kg/ha, pre-sowing or pre-transplanting or covering
Pepper, Aubergine: 600-1000 kg/ha, pre-sowing or pre-transplanting
Other crops: 500-1000 kg/ha, pre-sowing or pre-transplanting or covering

Packaging: 25-500kg

AGROSOIL 10-5-5

Fertile solid mineral organ NPK 10-5-5 + 2 MgO + 20 SO_3 with Boron

Composition	Total Nitrogen (N)	10%
	Organic Nitrogen (N)	2%
	Nitrogen (N) Ammoniacal	8%
	total Phosphorus pentoxide (P2O5)	5%
	Potassium oxide (K_2O) soluble in water	5%
	Total magnesium oxide (MgO)	2%
	Sulfuric anhydride (SO_3) soluble in water	20%
	Boron (B) soluble in water	0,07%
	Carbon (C) of biological origin	7,5%

Technical Features

AGROSOIL 10-5-5 Fertilizer Granular Mineral Organ ideal and complete for the fertilization of the Olivo, containing a high nitrogen count expressed in two different forms having different and gradual assignments. Nitrogen in organic form, and ammonia, the less dilute forms of nitrogen in all types of soil, covers the needs of the crop in all phenological stages, at the time of setting and the first stages of swelling of the fruit; stimulates the emission of new leaves, flowers and the growth of the fruit; potassium and phosphorus favor the vegetative-productive balance of the plant and the resistance to thermal stress and oil yield. Complete the formulation Magnesium, Boro and Zolfo, necessary for a greater effectiveness of the fertilizing effect and to counteract the alternation of production. Administer in autumn or at the vegetative restart.

Physical Characteristics

pH: 4.5 acid reaction product

Methods of usage and dosages

Olives: 400-700 kg/ha, in the open field
Olives: 5 kg/plant, localized
Horticulture in general: 500-800 kg/ha, pre sowing, pre transplanting
Melon, Watermelon: 700-900 kg/ha, pre sowing, pre transplanting
Strawberries: 500-800 kg/ha, pre transplantation
Lawns: 30-50 kg/1000m², in the open field

Packaging: 25-500kg

AGROSOIL 5-20

Solid mineral fertilizer NP 5-20 + 12 SO3

Composition	Total Nitrogen (N)	5%
	Nitrogen (N) Organic	2%
	Nitrogen (N) Ammoniacal	3%
	Total phosphoric anhydride (P_2O_5)	20%
	Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	18%
	Phosphoric anhydride (P_2O_5) soluble in water	15%
	Total sulfur dioxide (SO_3) soluble in water	12%
	Organic carbon (C) of biological origin	7,5%

Technical Features

AGROSOIL 5-20 is a fertilizer indicated for the fertilization of cereals and lawns. **AGROSOIL 5-20** is a fertilizer obtained from raw materials of animal origin through the thermal hydrolysis process. The high titre in phosphorus and nitrogen guarantee an early, complete and prolonged fertilization without loss due to washout and insolubilization. Phosphorus ensures immediate (starter) and prolonged stimulation on the formation and vitality of the root systems of all cereals. **AGROSOIL 5-20** also contains organic carbon and sulfur dioxide to improve some physical-chemical characteristics of the soil and therefore allows the development of healthy, vigorous plants with quality production.

Methods of usage and dosages

Grass mats, Gardens: 150-300 kg/ha, pre sowing, pre transplanting
Herbaceous crops, Extensive crops, Industrial crops: 300-500 kg/ha, pre sowing, pre transplanting

Packaging: 25-500kg

AGROSOIL GOLD

Solid Mineral microgranular fertilizer NPK 15-9-15 (2 +18) + 0.8 (low chloride

Composition	Nitrogen (N) total	15%
	Of which: Nitrogen (N) Ammonia	5,5%
	Nitrogen (N) urea	3%
	Nitrogen (N) from urea formaldehyde	6,5%
	of which: soluble in cold water	1%
	soluble in hot water	3%
	Phosphorus pentoxide (P2O5) total	9%
	of which: Phosphorus pentoxide (P2O5) sol. in neutral ammonium citrate and water	9%
	Phosphorus pentoxide (P2O5) sol. Water	7%
	Potassium oxide (K2O) total water soluble	15%
	Magnesium oxide (MgO) soluble in water	2%
	Sulfur trioxide (SO3) soluble in water	18%
	Iron (Fe) Total	0,8%

Technical Features

AGROSOIL GOLD and a balanced microgranular fertilizer complex that contains, in addition to traditional nutrients of 6.5% urea formaldehyde and controlled-release nitrogen which is released gradually over time to match perfectly the needs of crops by limiting losses to leaching. The presence of ready-acting nitrogen allows the product to satisfy the nutritional requirements of plants from the beginning of the crop cycle and ensures a reserve of soil nitrogen that is released gradually in the later stages. **AGROSOIL GOLD** is a fertilizer with rapid and complete solubility and easy distribution on all crops, fruit, vegetables, ornamentals, nurseries, plants and lawns.

Physical Characteristics

Granulare compound

Methods of usage and dosages

Trees (citrus, pome and stone fruit): 400-600 kg / ha
Wine grape vines: 300-500 kg / ha.
Table grape vines: 600 -800 kg / ha
Kiwi: 700 -1000 kg / ha
Olive, Nuts: 600 -800 kg / ha.
Vegetables: in the open space1-2 applications at a dose of 400-600 kg / ha
In the greenhouse: 2-4 applications at a dose of 800-1000 kg / ha.
Ornamental, flowers: 1-2 applications at a dose of 600 -800 kg / ha
Nurseries, lawns and gardens: 1-2 applications at a dose of 400 -800 kg / ha
Strawberry: 600-800 kg / ha.

Packaging: 25-500kg

AGROSOIL Micro 11-49+1 Zn

Fertile solid mineral organ NP 11-49 + 1 (Zn) microgranular

Composition	Total Nitrogen (N)	11%
	Nitrogen (N) Ammoniacal	11%
	Phosphorus pentoxide (P_2O_5) sol. In neutral ammonium citrate and water	51%
	Phosphorus pentoxide (P_2O_5) sol in water	49%
	Total Zinc (Zn)	1%

Technical Features

The high surface area provided by the microgranules and the acidic nature, give **AGROSOIL Micro 11-49 + 1 Zn**, NP mineral fertilizer, a great starter effect. The effect is more evident if the method of use is localized in the groove of sowing or transplanting. The presence in **AGROSOIL Micro 11-49 + 1 Zn** of Zinc, an important micro-element, together with a high titer of phosphoric anhydride (P2O5), favors the development of the crops in the early stages of growth, even in less suitable soils and with alkaline pH. Infact, in a basic environment the low mobility of the phosphorus and its ability to form compounds insoluble with calcium, reduce the starter effect thus limiting the growth rate of the plant itself.

Physical Characteristics

Appearance: micro-granulate
Grain size distribution: 0.5 - 1.2 mm
Bulk density: 850 g / l
pH: 4.5 ± 0.5

Methods of usage and dosages

Corn, Sunflower, Rice, Soy, Sorghum: 20-40 kg/ha, localized during sowing
Wheat, rape, autumn-winter cereals: 30-60 kg/ha, localized during sowing
Sugar beet: 20-40 kg/ha, localized during sowing
Tomato, vegetables (open field): 30-60 kg/ha, localized for sowing and transplanting
Vegetables in greenhouses: 40-80 kg/ha, localized but not on the roots
Fruits, Olives: 20-50 gr/plant o 350 gr/m², localized but not on the roots
Vine: 5-15gr/plant, localized but not on the roots

Packaging: 25-500kg

ORGANIC FERTILIZER
TO IMPROVE THE PRODUCTIONS

HPF

Fluid Fertilizer nitrogen compounds (Permitted in organic farming)

Composition	Total Nitrogen (N)	8,5%
	Water-soluble organic Nitrogen (N)	8%
	Alpha-amino Nitrogen (N)	0,5%
	Organic carbon (C) of biological origin	26%
	Dry Matter	66,6%
	Free amino acids	16.5%
	Molecular weight in Dalton	800-100
	C/N	3,27%

Technical Features

HPF is a liquid organic nitrogen fertilizer produced from hydrolyzed animal epithelium. The full and complete amino acid complex in addition to the formation of protein promotes the active metabolism of plants during critical periods (transplanting, flowering, fruit set, vegetative growth, frost and drought). **HPF** improves the quality (higher sugar content of fruit) and the shelf-life of produce. The low molecular weight of **HPF** facilitates and speeds up the absorption of all nutrients and the differentiation of flower bud. **HPF** also stimulates photosynthetic activity and enhances the effect of: hormones, fungicides, acaricides, insecticides, herbicides and foliar fertilizers.

Physical Characteristics

Specific gravity 1.27 pH of 1% solution 6.33 Conductivity at 1%o or (mS / cm) 0.62

Methods of usage and dosages

Foliar applications:

Fruit and Vine, Citrus, Kiwi, Olive: 2-3 lt / ha every 8-10 days.
Vegetables and flowers in the open field: 200-300 cc / hl per application.
Industrial crops, potatoes, sugar beet and cereals: 3-5 l / ha per application

Root applications

Trees (vines, kiwi, citrus, pome and stone fruit) : 5-10 lt / ha per application
Ornamental, flowers: 1-1,5 kg / 1000 mq.
Vegetative (fruit or leaf) in post-transplant: 1- 2 kg / 1000 mq.

Packaging: 1,3 - 6 -12 - 30 - 270 kg

NATURAL RED

Organic fluid Fertilizer – Liquid Blood(Permitted in organic farming)

Composition	Total Nitrogen (N)	5%
	Water-soluble organic Nitrogen (N)	5%
	Organic carbon (C) of biological origin	28%

Technical Features

NATURAL-RED is a liquid fertilizer made from animal blood extract that allows long-term orchard nutrition (pome fruit, stone fruit), grapes, kiwi fruit, olives, orchards, meadows and lawns, gardens, shrubs, flowers and ornamental.

The formula contains the form of organic nitrogen which better guarantees sustained and balanced nutrition of plants without runoff or leaching losses. It is made up of amino acids which can be very easily absorbed by plants, thus the treated plants are able to create a greater cell multiplication rate appearing more lush, green, and the fruits have greater weight and size with an increase in flavor and colour.

NATURAL-RED also has a good supply of organic carbon vital to promote root development, but also to improve the chemical and physical characteristics of the soil.

Physical Characteristics

Specific gravity 1.32 pH of 1% solution 6.41 Conductivity at 1%o or (mS / cm) N.A.

Methods of usage and dosages

Foliar Applications:

Tree: 6-8 kg / ha.
Horticultural and Industrial: 8-10 kg / ha.
Ornamental flowers, turf: 500 cc / hl.

Root applications:

Tree (vines, kiwi, citrus, pome and stone fruit): 300-500 kg / ha.
Horticulture (fruit or leaf) in pre-transplant or localized: 200-400 kg / ha.
Ornamental flowers, lawns, gardens, pre-sowing, pre-transplant: 250-600 kg / ha.

Packaging: 1,3 - 6 -12 - 30 - 270 - 1300 kg

AGRIBIOFERT

Organic FERTILIZER NK FLUID – LIQUID BORLAND (Permitted in organic)

Composition	Total Nitrogen (N)	3%
	Water-soluble organic Nitrogen (N)	3%
	Potassium oxide (K2O) soluble in water	6%
	Organic carbon (C) of biological origin	10%

Technical Features

AGRIBIOFERT is an organic plant-derived liquid that along with nitrogen and potassium, gives the land a good balance for the phase of enlargement and ripening of the fruit. This includes organic bio-stimulating substances to create an ideal substrate for the optimal development of microorganisms in the soil. It also revitalizes exhausted soils and vegetation resulting in accordingly increased yields. **AGRIBIOFERT** protects plants from the stresses of natural variations.

Physical Characteristics

Specific gravity 1.3 pH of 6.8 to 1% Conductivity at 1‰ or (mS / cm) 0.72

Methods of usage and dosages

To ensure maximum leaf assimilation **AGRIBIOFERT** treatments should not be applies during the hottest hours of the day. The product has no contraindications with other formulations of miscibility with the exception of sulphur, copper salts and mineral oils.

You should always carry out small tests to check compatibility. Do not apply until 10 days have elapsed from prior treatment with products containing copper and mineral oils.

Foliar applications:

1 to 1.5 kg / hl water spacing treatments every 8-10 days.

In greenhouses, reduce dosage by 30%

Root applications

Grapevine, Citrus: 200-300 kg / ha in late winter.
Fruit trees: 200-300 kg / ha autumn or late winter.
Vegetables: 10-20 kg/1000 m², per application

Packaging: 6 -12 - 30 - 270 - 1300 kg

AGRIAMMIN Plus

Organic Liquid Nitrogen Fertilizer (Permitted in organic farrming)

Composition	Total Nitrogen (N)	8%
	water-soluble Organic Nitrogen (N)	8%
	C / N ratio	3.2
	Organic carbon (C) of biological origin	24%
	Dry substance	63,5%
	Free amino acids	9%

Technical Features

AGRIAMMIN Plus is a liquid organic nitrogen fertilizer produced from hydrolyzed animal epithelium. It has a good complex carrying action for all the nutrients and chelates it contains. **AGRIAMMIN Plus** contributes to propagation and reactivation of the activity of soil micro-organisms constituting food. **AGRIAMMIN Plus** improves the quality of the produce (color, size, texture, sugar content, shelf-life).

Physical Characteristics

Specific gravity 1.26 pH of 1% solution 4 - 7 Conductivity at 1%o or (mS / cm): 0,68

Methods of usage and dosages

To ensure maximum absorption of **AGRIAMMIN Plus** treatments should not be applied during the hottest hours of the day. The product has no contraindications with other formulations of miscibility with the exception of sulphur, copper salts and mineral oils. You should always carry out small tests to check compatibility. Do not apply until 10 days have elapsed from prior treatment with products containing copper and mineral oils.

Foliar Applications:

Fruit and Vine, Citrus: 2-3 liters / ha.
Horticulture: 200-300 cc / hl.
Floriculture and ornamental: 150-300 cc / hl.
Industrial crops: 5 kg/ha
In the greenhouse reduce the dose by 30%

Root applications:

Fruit and Kiwi, Grapevine, Citrus: 5-8 liters/ha per application.
Floriculture and ornamental: 1-2 cc / lt.
Vegetables in post-transplant: 1.5-2 lt/1000 m² per application every 15-20 days.

Packaging: 1,3 - 6 -12 - 30 - 270 - 1300 kg

UMIC 16

Liquid Organic Fertilizer - humic extracts

Composition	Organic Matter	20%
	Organic Matter on s.s.	85%
	Organic carbon (C)	50%
	Organic matter humification. In perc S.O.	60%
	Organic nitrogen (N)	0,4%
	C/N	123
	Extract of Leonardite with KOH, NaOH	

Technical Features

UMIC 16 is a humic product of very high content of soluble umato, extracted with potassium hydroxide of Leonardite. The umato of UMIC 16 has many positive effects relating to plant nutrition and development of plants. It stimulates the active transport of phosphates, sulfates and borates into the plant. It encourages the capillary action of the roots, thereby increasing the absorption of ions such as potassium, calcium, magnesium and phosphorus. It improves proteosynthesis, activates cytokinin in the leaves, helps to balance the pH of the soil and increases the power of exchange, thus reducing the phenomenon of insolubility and loss of nutrients.

Physical Characteristics

Specific gravity 1.1 Kg/lt pH of 1% solution: 7,70

Methods of usage and dosages

Plants treated with **UMIC 16** have a faster growth and respond better to fertilizer inputs resulting in early, colorful and uniform produce.

Fertigation application:

Fruit: 20-50 l / ha at early fruit growth
Vegetables: 5 l / ha application

Packaging: 6 -12 - 30 - 270 - 1300 kg

AUXIALGA

Natural hormone-like substances (auxins and cytokinins)

Composition	Natural extract out of seeweeds (Ecklonia maxima)	
	Natural auxins	11,0 mg/l
	Natural cytokinins	0,031 mg/l

Technical Features

AUXIALGA is a 'seaweed liquid derived from the cold extraction of Ecklonia Maxima. The characteristic of this alga is the bio-stimulation which it gives to crops. The full and complete complex of natural plant hormones which it contains (auxins 11 mg/l, cytokinins 0.031 mg/l) favours the metabolism of cultivated plants during critical periods (transplanting, flowering, and drought). **AUXIALGA** stimulates the growth of young plant tissues in a continuous and steady growth of the plant, thus encouraging early fruiting.

Methods of usage and dosages

To ensure maximum assimilation of **AUXIALGA**, treatments should not be applied during the hottest hours of the day. The product has no contraindications for miscibility with other formulations. It is always advisable to carry out small tests to check compatibility

Foliar Applications:

Flowers: 150-200 g / hl from the beginning of the vegetative phase
Fruit horticulture: 200-300 g / hl transplantation and pre-flowering
Leaf Horticulture: 200-250 gr / hl from the beginning of the first true leaves
Fruit and Vine, citrus fruits, olives, kiwi: 200-300 g / hl from the beginning of the vegetative phase
Industrial crops: 200-300 g / hl from the beginning of the first true leaves

Fertigation application:

Flowers: 1-3 Kg / ha
Fruit Horticultural: 2-3 kg / ha.
Leaf Horticultural: 1-1,5 kg /ha
Fruit and Vine, citrus fruits, olives, kiwi: 2-3 kg / ha
Industrial crops: 1-3 kg / ha

Packaging: 1,3 - 6 -12 - 30 kg

AGRIVIVA

Mineral Liquid Organic Fertilizer NK with microelements

Composition		
	Total Nitrogen (N)	6%
	Organic Nitrogen (N)	5%
	Potassium (K_2O) soluble in water	5%
	Organic carbon (C) of biological origin	20%
	Iron (Fe) soluble in water	0,02%
	Iron (Fe) EDDHA	0,02%

Technical Features

AGRIVIVA is a solution of amino acids, seaweed extracts (Ascophillum Nodosum) and chelated iron which acts both on plants and in the ground. **AGRIVIVA** optimizes and speeds up the lymphatic flow improving the absorption of other nutrients, and thus improves the vegetative state of plants. **AGRIVIVA** is a bio-stimulant containing polysaccharides, proteins, vitamins, cytokinins and betanine. Its use facilitates the metabolism of plants during critical periods (vegetative growth, transplanting, flowering, fruit set) and stimulates quality and characteristics organoleptic (color, size, sugars), increases the specific gravity and improves shelf-life of fruit.

Physical Characteristics

Specific gravity 1.3 gr/ml pH of 1% solution: 7,2 Conductivity at 1‰ or (mS / cm) 0.85

Methods of usage and dosages

AGRIVIVA is compatible with all fertilizers with or without chelated micronutrients. You should not mix with acidic products, Apply using fertilizing irrigation system with sprinkler and pole injector.

Fertigation application:

Fruit and Kiwi, Grapevine, Citrus: 3-4 liters / ha
Horticultural: 400-500 cc / hl
Flower and Ornamental: 300-400 cc / hl
Reduce greenhouse applications by 30%

Root applications:

(treatments every 10-15 days.) during the main phases of cultural cycle
Fruit and Kiwi, Grapevine, Citrus and Horticultural: 10-15 liters/ ha per application.
Ornamental: 4-8 lt/100 m^2 (pot plants) in multiple applications; 3-6 lt/m^3 solution
P.N.: in sandy soils reduce recommended dosage by up to a half increasing application frequency to weekly.

Packaging: 1,3 - 6 -12 - 30 Kg

AGRIALGA

Mineral Liquid Organic Fertilizer with 30% of NK Ascophillumnodosum

Composition		
	Total Nitrogen (N)	3%
	Water-soluble organic Nitrogen (N)	0,3%
	Urea Nitrogen (N)	2,7%
	Water-soluble Potassium oxide (K_2O)	9%
	Organic carbon (C) of biological origin	6,8%
	Boron (B) water soluble	0,5%

Technical Features

AGRIALGA is a solution of boron and marine algae of the genus Ascophillum nodosum. This particular type of brown seaweed provide plants with nutrients and the following essential natural bio-stimulants: cytokinins, auxins, giberellins. These enhance and amplify the effect of combination hormonal products. **AGRIALGA** allows you to have a balanced leaf development. Its use promotes the active metabolism of plants during critical periods (vegetative growth, transplanting, flowering, fruit set) and stimulates photosynthetic activity. **AGRIALGA** improves quality and organoleptic characteristics (color, sugar, size, etc..) increases specific weight and improves shelf-life of fruits.

Physical Characteristics

Specific gravity 1.26 pH of 1% solution 7,8 Conductivity at 1%o or (mS / cm): 0,56

Methods of usage and dosages

To ensure maximum absorption of **AGRIALGA** treatments should not be applied during the hottest hours of the day. The product has no contraindications of miscibility with other formulations. It is always advisable to carry out small tests to check compatibility.

Foliar Applications:

Fruit and Vine, citrus fruits, olives, kiwi: 2.5-3 liters / ha + **HPF** 2 liter / ha from early vegetative phases 4-5 applications spaced every 15 days.
Horticultural fruit: 2.5-3 liters / ha + **HPF** 2 liter / ha from restart of vegetative growth 2-3 times every 10-15 days.
Floriculture: 200-250 cc / h + **HPF** at 150 cc / hl From first budding every 10-15 days.
Reduce greenhouse dosages by 30%.

Packaging: 1,3 - 6 -12 - 30 - 270 - 1300 kg

NETFOL

Fertilizer Organo Mineral Nitrogen Fluid N (15) with low content of Biureto

Composition	Total Nitrogen (N)	15%
	Organic Nitrogen (N)	1%
	Nitrogen (N) urea	14%
	Organic carbon (C) of biological origin	3%
	Organic components : hydrolyzed animal epithelium	
	Inorganic components : urea	

Technical Features

NETFOL is a fluid fertilizer for foliar applications that brings readily assimilable nitrogen. **NETFOL** favors a disintegrating action against the sugary substances secreted by insects such as: Psilla del pear and Aphids in general.

Methods of usage and dosages

Foliar application:

Fruit, citrus fruits, vines: 4 lt/ha, In moments of maximum need

Packaging: 1 - 5 -10 - 25 Kg

UMICLENT

Organic fertilizer from Canadian Leonardite (Permitted in Organic Farming)

BIO

Composition	Water-soluble Organic Nitrogen (N)	1,5%
	Organic carbon (C) of biological origin	55%
	Total Organic Matter	86%
	Extractable organic Matter in % S.O total	77,3%
	Organic matter humified in % S.O. extractable	90%

Technical Features

UMICLENT is a micro-granular fertilizer that derives from Leonardite,
Composed exclusively of humic acids of natural origins fol slow release injections by radical. Humic and fulvic acids, gradually released, are combined with the soil particles giving places to a complicated colloidal clay umo not washable. Their effects are clearly visible after a month or more, defending on site conditions and climate, occur gradually and cover all or most of the crop production cycle. These effects are to improve the physical and chemical characteristics of the soil, the process of assimilation of all nutrients, rooting of seedlings, germination of seeds.

Physical Characteristics

Micro granular Water pH ratio 1:2 = 5,6

Methods of usage and dosages

Tree crops

(Apple tree, Pear tree, Khaki tree, Vine tree, Kiwi tree, Citrus tree, Olive tree): deploy in autumn and winter over the entire surface at a dose of 600-800 kg/ha, or in application localized along to row at a dose of 400-600 kg/ha.

Tobacco, cereals, green lawn and industrial crops: deploy at the moment of tillage at a dose of 500-800 kg/ha.

Vegetables, ornamentals, flowers tree nurseries: deploy at the moment of tillage at a dose of 600-800 kg/ha.

Packaging: 25 kg

ALGA SUPER

Solid form Organic nitrogen-algae extract fertilizer

Composition	Organic Nitrogen (N)	1%
	Potassium oxide (K_2O) soluble in water	19%
	Organic carbon (C) of biological origin	20%
	Betaine	0,1%
	Mannitol	4%

Technical Features

ALGA SUPER is an Ascophillum nodosum type seaweed extract treated with a process of hydrolysis, which activate and accelerate the various physiological processes. **ALGA SUPER** allows you to have a balanced leaf development. Its use promotes active metabolism of plants during critical periods (vegetative growth, transplanting, flowering, fruit set), stimulates the activity of chlorophyll, improves quality and organoleptic characteristics (color, sugar, size, etc.), increases the specific weight and improves the shelf-life of fruit.

Physical Characteristics

Specific gravity 0,76 Kg/l pH of 1% solution 9,2 Conductivity at 1%o or (mS / cm): 0,61
Gr.45/100 cc of water soluble powder 20 °

Methods of usage and dosages

To ensure maximum assimilation of special Seaweed, treatments should not be applied during the hottest hours of the day. The product has no contraindications for miscibility with other formulations. It is always advisable to carry out small tests to check compatibility. Do not apply until 10 days have elapsed from prior treatment with products containing copper and mineral oils.

Foliar applications:

Fruit and Vine, citrus fruits, olives, kiwi: 50-80 g / hl from early vegetative phases 4-5 applications at 15 day intervals.
Horticultural fruit: 50-80 g / hl from grafting 4-5 applications at 10-15 day intervals.
Flowers: 20-30 g / hl from the beginning of budding throughout the growing season every 10-15 days.
Industrial crops: 80-100 g / hl from the beginning of budding throughout the growing season every 10-15 days.
Reduce applications by 30% for greenhouses.

Packaging: 1 - 5 - 20 kg

BIOSTIMULANTS WITH MICRO ELEMENTS

FOR LUXURIANT PLANTS

BS RADICALE

Organic Mineral Nitrogen Fertilizer 11-0-0 + Micro in fluid suspension (Low Biuret content)

Composition	Total Nitrogen (N)	11%
	Organic Nitrogen (N)	3,8%
	Urea Nitrogen (N)	7%
	Boron (B) water soluble	0,47%
	Iron (Fe) water soluble	1,35%
	Iron (Fe) EDDHA	0,15%
	Iron (Fe) DTPA	0,6%
	Iron (Fe) EDTA	0,6%
	Manganese (Mn) water soluble	0,36%
	Manganese (Mn) EDTA	0,36%
	Zinc (Zn) water soluble	0,2%
	Zinc (Zn) EDTA	0,2%
	Organic carbon (C) of biological origin	9%
	Chelating agent EDTA pH stable between 3 and 9	
	Chelating agent DTPA pH stable between 3 and 7.5	

Technical Features

BS Radicale is a rooting biostimulant for all tree crops, vegetables and flowers. **BS Radicale** optimizes, regulates and accelerates the lymphatic flow, improving the absorption of different nutrients, and therefore the status of plant growth and productivity. In pear trees it helps to solve the problems of mycoplasmas (reddening ofthe pear). **BS Radicale** strengthens the root system and prevents iron chlorosis.

Physical Characteristics

Specific gravity 1.26 pH 1% of solution 7.0 Conductivity 1%o or (mS/cm): 0.70

Methods of usage and dosages

BS Radicale is compatible with all fertilizers containing trace elements and chelates. Do not mix with acid products. It is used in irrigation and soil injection with sprinkler.

Root Applications:

Fruit and Vine, Citrus, Kiwi: 40-50 cc / plant with soil injection and 5-10 liters of water per plant in crisis. In open field 5-7 liters/hectare per application.
Vegetables: in open field using 6-8 liters/hectare per application.
Flowers: 1-3 l / m^3

Packaging: 1,3 - 6 -12 - 30kg

BS FOGLIARE

Organic Mineral Fertilizer 11-0-0 + Micro Fluid Foliar nitrogen (Low Biuret content)

Composition	Total Nitrogen (N)	11%
	Organic Nitrogen (N)	1,3%
	Nitric Nitrogen (N)	1,1%
	Urea Nitrogen (N)	8,6%
	Boron (B) water soluble	0,24%
	Iron (Fe) water soluble	0,68%
	Iron (Fe) water soluble DTPA	0,12%
	Iron (Fe) EDTA soluble in water	0,12%
	Magnesium (Mg) water soluble	2%
	Manganese (Mn) water soluble	0,72%
	Manganese (Mn) EDTA water soluble	0,72%
	Zinc (Zn) DTPA water soluble	0,63%
	Zinc (Zn) EDTA water soluble	0,63%
	Organic carbon (C) of biological origin	4,2%
	Chelating agent EDTA stable between pH 3 and 6.5	
	Chelating agent DTPA stable between pH 3 and 6.5	

Technical Features

BS Fogliare is a leaf biostimulant for all tree crops, vegetables and flowers. It activates photosynthesis promoting better overall development. In particular, it increases the number of renewals of plants and active leaf surfaces. **BS Fogliare** has a powerful anti-stress effect and improves the quality of fruit in color, size and sugar content. Thanks to the balanced supply of chelated trace elements **BS Fogliare** prevents harmful micro-deficiencies during critical stages of the plant such as after grafting and throughout fruit growth.

Physical Characteristics

Specific gravity 1.24 pH of 1% of solutions 6.9 Conductivity 1% o or (mS/cm): 0.80

Methods of usage and dosages

To ensure maximum absorption of **BS Fogliare**, treatments should not be applied during the hottest hours of the day. The product has no contraindications with other formulations of miscibility with the exception of sulfur, copper salts and mineral oils. You should always carry out small tests to check compatibility. Do not distribute **BS Fogliare** until at least 10 days after previous treatments with copper-based products and mineral oils.

Foliar applications:

Fruit and Vine, Kiwi: 400-600 cc / hl 4-5 times every 10 days after budding.
Horticulture and extensive: 4-6 l / ha 4-5 times post-transplant every 10 days.
Flowers: 2-3 cc / liter 3-4 times every 7-10 days from the beginning of flowering.
Reduce dosage by 30% for greenhouses.

Packaging: 25-500kg

BS AGRUMI Plus

Organic Mineral Fertilizer 11-0-0 + Micro Fluid Foliar nitrogen (Low Biuret content)

Composition	Total Nitrogen (N)	11%
	Organic Nitrogen (N)	1%
	Urea Nitrogen (N)	10%
	Boron (B) Boric acid water soluble	0,85%
	Iron (Fe) water soluble	0,22%
	Iron (Fe) EDTA	0,22%
	Manganese (Mn) water soluble	2%
	Manganese (Mn) EDTA	2%
	Zinc (Zn) water soluble	1%
	Zinc (Zn) EDTA	1%
	Organic carbon (C) of biological origin	3,2%
	Chelating agent EDTA stalile between pH 3 and 9	

Technical Features

BS Agrumi Plus is a bio-stimulating citrus leaf-specific fertilizer. In particular it increases the number of renewals and the Physical Plant.

BS Agrumi Plus has a powerful anti-stress effect, improves the characteristics qualifying as fruit color, sugar level and controls the zinc and manganese chlorosis. The combination of chelate trace elements and of amino acids with a low molecular weight shown in **BS Agrumi Plus** earlier than ten days.

Physical Characteristics

Specific gravity 1.27 pH of 1% to 7.06 Conductivity 1‰ or (mS/cm): 0.61

Methods of usage and dosages

To ensure maximum absorption of **BS Agrumi plus**, treatments should not be applied during the hottest hours of the day. The product does not
present controindication of miscibility with other formulated apart from Sulphur, salts of Copper and mineral oils. You should always carry out small tests to check compatibility. Not deploy **BS Agrumi plus** earlier than ten days from previous treatments with products based on Copper and mineral oils.

Foliar Applications:

Citrus: 500 cc / hl (10 liters / ha) for 3-4 times from pre-flowering every 10 days

Packaging: 1,3 - 6 -12 - 30kg

VIGOR LIFE

Organo Mineral fertilizer NPK 5-15-10 in suspension with microelements (low Chlorine content)

Composition	Total nitrogen (N)	5%
	Nitrogen (N) organic	1%
	Nitrogen (N)	4%
	Potassium oxide (K_2O) soluble in water	10%
	Organic carbon (C)	3%
	Boron (B) soluble in water	1%
	Iron (Fe) soluble in water	0,1%
	Iron (Fe) chelated with EDTA	0,1%
	Manganese (Mn) soluble in water	0,36%
	Manganese (Mn) chelated with EDTA	0,36%
	Zinc (Zn) soluble in water	0,32%
	Zinc (Zn) soluble in water	0,32%
	Chelating agent: EDTA. PH range which guarantees a good stability of the chelated fraction: 3-6.5	

Technical Features

VIGOR LIFE is a foliar fertilizer for all tree, horticultural, extensive and flowering crops that activates chlorophyll photosynthesis favoring an excellent general development and in particular increases the number of plant renewals and the active leaf surface **VIGOR LIFE** stimulates the metabolism of the plant at a critical moment, improving the qualitative characteristics of the fruit such as: color, size and sugar content. Thanks to the balanced intake of chelated microelements, **VIGOR LIFE** prevents harmful micro-regions in critical phases of the plant as fruit set and thickening.

Physical Characteristics

Specific gravity 1.30 pH of 1% to 5,5 Conductivity 1‰ or (mS/cm): 0.80

Methods of usage and dosages

Foliar applications:

Fruit and Vine, Kiwi: 6 lt/ha pre-flowering, 4-5 times every 7 days.
Vegetables in the open field:6 lt/ha post-transplantation, 3-4 times every 7 days
Vegetables in greenhouses, flowers: 300 cc/hl Beginning of flowering, 4-5 times every 7-10 days
Extensive: 12 Kg/ha 1-2 times

Packaging: 1,3 - 6 - 12 - 30 Kg

MICRO ELEMENTS FOR VEGETATION WITH A INTENSE COLOR

RUGGIFER

Foliar iron chelate solution (Permitted in Organic Farming)

Composition	Iron (Fe) Total	7,6%
	Iron (Fe) EDTA water soluble	7,6%
	Chelating agent EDTA stable at pH 3 to 6.5	

Technical Features

RUGGIFER is a chelated iron liquid with EDTA than with its chemical conformation is suitable for foliar application on crops that exhibit problems of yellowing due to iron chlorosis. The EDTA molecule added to the carriers and to the penetrating substances has a high leaf absorption factor and ensures fast and durable re-greening. Stability at a lower pH allows its use in the nutrient solutions used for crops out of the soil. **RUGGIFER** in pome fruit such as Conference, Kaiser, Abate and Golden creates a russet on the fruit which is considered a commercial advantage. In this case two applications are required: one in full bloom, the second at the beginning of petal fall.

Physical Characteristics

Specific gravity 1.30 pH of 1% solution 6,5 Conductivity at 1‰ or (mS/cm) 0.70

Methods of usage and dosages

To ensure maximum absorption of **RUGGIFER**, treatments should not be applied during the hottest hours of the day. The product has no contraindications of miscibility with other formulations except sulfur, copper salts and mineral oils. You should always carry out small tests to check compatibility. Do not apply until 10 days have elapsed from prior treatment with products containing copper and mineral oils. Use is recommended combined with 150 cc / hl HPF (amino acid) for better leaf penetration. 3-4 applications are recommended every 8-10 days in relation to the need of the crop.
Reduce greenhouse dosages by 30%.

Foliar applications:

Fruit and Vine, Kiwi: 2lt/ha + HPF
Citrus: 2.5 lt / ha + HPF
Vegetables: 130-150 cc / hl + HPF
Ornamental: 30-60 cc / hl + HPF

Packaging: 1,3 **-** 6 -12 - 30 Kg

NETFER

Foliar iron chelate solution (Permitted in Organic Farming)

Composition	Iron (Fe) total	6%
	Iron (Fe), water-soluble DTPA	6%
	Chelating agent DTPA stable between pH 3 to 7.5	

Technical Features

NETFER is a chelated iron liquid with DTPA specifically for the treatment of iron chlorosis. The EDTA molecule added to the carriers and to the penetrating substances gives **NETFER** a high leaf absorption factor and ensures fast and durable re-greening. Stability at a lower pH allows its use in the nutrient solutions used for crops out of the soil. **NETFER** can be applied throughout the growing cycle as a preventative or at the first appearance of yellowing. In pear crops it should be used on those smooth varieties in which a russet on the fruit is a commercial defect. (Doyenne, Abate Fetel, St. Mary, William).

Physical Characteristics

Specific gravity 1.3 pH of 1% solution 6,8 Conductivity at 1%o or (mS / cm): 0,24

Methods of usage and dosages

To ensure maximum absorption of **NETFER** treatments should not be applieded during the hottest hours of the day. The product has no contraindications of miscibility with other formulations except sulfur, copper salts and mineral oils. You should always carry out small tests to check compatibility. Do not apply until 10 days have elapsed from prior treatment with products containing copper and mineral oils. 3-5 applications are recommended every 8-10 days in relation to the need of the crop, combined with 150 cc / hl **HPF** (amino acid) to better penetrate the leaves.
Reduce greenhouse dosages by 30%.

Foliar Applications:

Fruit, grapes and kiwi: 2 lt / ha + HPF.
Citrus: 2-2.5 l / ha + HPF.
Vegetables: 100-150 cc / hl + HPF.
Ornamental: 30-60 cc / hl + HPF.

Packaging: 1,3 - 6 -12 - 30 kg

AGRIRAM

Manganese chelate solution (Permitted in Organic Farming)

Composition	Manganese (Mn) soluble in water	6%
	Manganese (Mn) chelated by EDTA	6%
	Chelating agent EDTA stable between pH 3 and 6.5	

Technical Features

AGRIMAN is a manganese chelated liquid with EDTA very active in the treatment of crops deficient in this element that can be applied via both leaf and root. Manganese deficiency occurs in the leaves with yellowing in patches, while the veins remain green. **AGRIMAN** acts as an activating ion in photosynthesis and the formation of chlorophyll. **AGRIMAN** induces the reduction of nitrate in plant tissue and intervenes in the synthesis of amino acids and peptides.

Physical Characteristics

Specific gravity 1.30 pH of 1% solution 7 Conductivity at 1‰ or (mS/cm) 0.68

Methods of usage and dosages

AGRIMAN is mixable with fungicides and insecticides. To ensure maximum leaf assimilation **AGRIMAN** treatments should not be applied during the hottest hours of the day. Do not apply earlier than 10 days after prior treatment with products containing copper and mineral oils. You should always carry out small tests to check compatibility. In foliar applications, it should be combined with 150 cc / hl **HPF** (amino acid) to improve leaf penetration, whereas root treatments should be carried out with **AGRIAMMIN Plus** at 5-10 kg / ha per application. 2-4 applications are recommended 10-15 days apart. in relation to theneeds of the crop.

Reduce greenhouse dosages by 30%.

Foliar applications:

Fruit and Vine, Kiwi: 2-2,5 l / ha + **HPF** at 2 l / ha.
Citrus: 2,5-3 l / ha + **HPF** at 2 l / ha.
Vegetables: 150-200 cc / hl + **HPF** at 200 cc / hl.
Ornamental: 50-80 cc / hl + **HPF** at 200 cc / hl

Root applications:

In irrigation on all crops: 8-16 l / ha + **AGRIAMMIN plus** fractionated according to the needs of crops.

Packaging: 1,4 **-** 6 -12 - 30 Kg

AGRIZINC

Solution of zinc chelate (Permitted in Organic Farming)

Composition	Zinc (Zn) soluble in water	9%
	Zinc (Zn) chelated by EDTA	9%
	Chelating agent EDTA stable between pH 3 and 6.5	

Technical Features

AGRIZINC is a zinc chelated liquid with EDTA can be used both on leaves and roots. It is very active in the treatment of crops deficient in this element. **AGRIZINC** is particularly recommended during the vegetative growth of crops sensitive to zinc deficiency such as fruit, vegetables, citrus fruits and cereals.

Physical Characteristics

Specific gravity 1.3 pH of 1% solution 6-7 Conductivity at 1‰ or (mS / cm): 0,75

Methods of usage and dosages

AGRIZINC can be mixed with fungicides and insecticides. To ensure maximum absorption of **AGRIZINC,** treatments should not applied during the hottest hours of the day. The product being photolabile must be sealed after use. Do not apply until at least 10 days after prior treatment with products containing copper and mineral oils. To better penetrate the leaves we recommend combining foliar applications with150 cc / hl **HPF** (amino acids), and for root treatments 5-10 kg / ha of **AGRIAMMIN Plus** per application. 2-3 applications are recommended 10-15 days apart in relation to the needs of the crop. You should always carry out small tests to check compatibility.

Reduce greenhouse dosages by 30%.

Foliar Applications:

Fruit and Vine, Kiwi: 1.5-2 liters / ha + **HPF**
Citrus: 2.0 to 2.5 liters / ha + **HPF**
Vegetables: 150-200 cc / hl. + **HPF**
Ornamental: 40-60 cc / hl + **HPF**
Industrial crops, fodder and cereals: 2lt/ha + **HPF**

Packaging: 1,3 - 6 -12 - 30 kg

AGRI Fe-Mn rapid

Fertilizer solution containing iron and manganese chelate with DTPA and EDTA

Composition	Iron (Fe) soluble in water	5%
	Iron (Fe) chelated with DTPA	5%
	Manganese (Mn) soluble in water	1%
	Manganese (Mn) chelated with EDTA	1%
	Chelating agent EDTA stable between pH 3 and 6.5	
	Chelating agent DTPA stable between pH 3 and 7.5	

Technical Features

AGRI is a rapid Fe-Mn based fertilizer with chelated micronutrients DTPA and EDTA very active in the treatment of crops deficient in these elements that can be used both on leaves and roots. Due to its special formulation it prevents and cures chlorosis of iron and manganese, ensuring a fast and lasting re-greening.

Physical Characteristics

Specific gravity 1.30 pH of 1% solution 6,8

Methods of usage and dosages

AGRI rapid Fe-Mn is compatible with most pesticides. You should always carry out small tests to check compatibility. To ensure maximum leaf assimilation **AGRI Fe-Mn rapid** treatment must not be applied during the hottest hours of the day. Foliar use is recommended in combination with **HPF** (amino acids) to improve leaf penetration. 3-5 applications are recommended 8-10 days apart in relation to the needs of the crop.

Foliar applications:

Fruit, Kiwi: 2 lt / ha + **HPF** (amino acids) at 2lt/ha.
Grapevine, Citrus: 2.5 lt / ha + **HPF** (amino acids) at 2lt/ha.
Vegetables: 120-150 cc / hl + **HPF** (amino acids) at 200 cc / hl.
Ornamental: 80-100 cc / hl + **HPF** (amino acids) 200 cc / hl.

Root applications:

On all crops: 8-10 l / ha per application in relation to the needs of crops. For best effect, add 5-6 kg per application of **AGRIVIVA or BS Radicale**

Packaging: 1,3 **-** 6 -12 - 30 Kg

SOLFRAM

Solution of fertilizer based on Copper Sulphate

Composition	Copper (Cu) Water soluble	7,3% p/p

Technical Features

SOLFRAM is a product based on copper pentahydrate, useful for preventing and treating physiopathologies due to copper deficiency. Thanks to the high penetration capacity through the stomata, **SOLFRAM** induces a greater resistance to diseases in the treated plants. **SOLFRAM**, due to its low copper content per hectare content, allows a strong reduction of residue on the treated crops. **SOLFRAM** is a copper sulfate that does not soak up vegetation.

Physical Characteristics

pH della soluzione all'1%: 5.5 Conducibilità 1% (mS/cm): 0.91 Peso specifico: 1.3 Kg/lt

Methods of usage and dosages

Foliar applications:

Fruit, vine, strawberries, vegetables: 130-180 ml/hl
Peach:80-120 ml/hl
Olive: 150-230 ml/hl
Nurseries, flowers, ornamental plants: 100-150 ml/hl
Herbaceous and industrial crops: 130-180 ml/hl

Packaging: 1,3 **-** 6 -12 - 30 Kg

AGRIMOLIBDATO

Molybdenum-based fertilizer (Permitted in Organic Farming)

Composition	Molybdenum (Mo) water soluble	39.6%	39,6%

Technical Features

AGRIMOLIBDATO is a powder formulated for the prevention and treatment of physiological disorders caused by deficiencies of molybdenum. This element is essential in the metabolism of nitric (Nitro-reductase) in organic products (amino acids and proteins). In vegetables, molybdenum favors nitrogen retention, ascorbic acid synthesis and iron assimilation. In industrial potatoes, it improves dry matter content and improve their frying qualities. Molybdenum is also an essential component of some enzymes essential for photosynthesis. In some ornamental species (Poisetta, Rose, Orchid) it improvers the color of the flowers. **AGRIMOLIBDATO** is indicated for all crops most susceptible to deficiency of molybdenum including cruciferous vegetables, strawberries, flowers and fruit. It which manifests itself with symptoms similar to those of nitrogen deficiency: stunted growth, smaller discolored leaves with slight chlorosis and leaf not fully extended. The leaves affected first are older basal ones which curl up and discolor. In cucurbits, especially in cruciferous vegetables and melons, molybdenum deficiency causes translucent leaves due to incomplete formation of cell walls.

Physical Characteristics

Soluble powder

Methods of usage and dosages

Foliar applications:

Fruit: 1-2 applications at a dose of 200-250 gr/ha.
Nursery: 2-3 applications at a dose of 150-200 gr/ha.
Vegetables: 2-3 applications from 4-8 leaf-phase at a dose of 150-200 gr/ha.
Ornamentals: 1-2 applications at a dose of 100-150 gr/ha.
In the greenhouse reduce the doses by 30%

Root applications:

Cruciferous vegetables, strawberries: 0,1-1 l/ha

Packaging: 1 - 5 Kg

ORTHOFER

Root Iron chelated (Permitted in Organic Farming)

Composition	Iron (Fe) soluble in water EDDHA	6.0%	6%
	Chelating agent EDDHA ortho-ortho	5.2%	5,2%
	Chelating agent EDDHA stable between pH 6 and 12		

Technical Features

ORTHOFER can be applied on crops susceptible to iron chlorosis either at restart of vegetative growth, or during the whole growing cycle at the first appearance of yellowing. Also apply post-harvest to guarantee availability of iron for the next growing season. It is recommended in those soils low in iron, but especially calcareous soils or those with high pH. **ORTHOFER** is water soluble and provides a rapid and complete dissolution.

Physical Characteristics

Solubility g/l: 50 pH of 1% solution: 9 Conductivity at 1‰ (mS/cm): 0.83

Methods of usage and dosages

ORTHOFER can be used localized (near the roots) or in the open field, and in any case needs to penetrate quickly into the ground because of the photolability of the chelating agent. Ideal for irrigation or sprinkler. **ORTHOFER** should be combined with BS Radicale or AGRIVIVA at 5-10 kg / ha per treatment.

Root Applications:

Fruit and Citrus: 10-20 g per seedling; 20-40 gr. per adult plant.
Vines: 5-15 gr. per seedling, 10-30 gr. per adult plant.
Vegetables: 2-4 kg per 1000 m².
Ornamentals: 3-7 kg/1000 m² for young plants, 7-15 kg/1000 m². for mature plants.

Packaging: 1 - 5 kg

FERRORTHO

Root Iron chelated (Permitted in Organic Farming)

Composition	Iron (Fe) soluble in water EDDHA	6%
	Chelating agent EDDHA ortho-ortho	4,2%
	Chelating agent EDDHA ortho-para	1,8%
	Chelating agent EDDHA stable between pH 3,5 and 12	

Technical Features

FERRORTHO can be applied on crops susceptible to iron chlorosis at the restart of vegetative growth or during the whole growth cycle at the first appearance of yellowing. Also post-harvest and before dormancy to ensure the availability of iron for the next growing season. It is recommended in those soils low in iron, but especially calcareous soils or those with high pH. **FERRORTHO** is water soluble and guarantees a rapid and total dissolution.

Physical Characteristics

Solubility g/l 50 pH at 1% of solution 7,9 Conductivity at 1‰ (mS/cm) 0.83

Methods of usage and dosages

FERRORTHO can be used localized (near the roots) or in the open field, and in any case must penetrate quickly into the ground because of photolability of the chelating agent. Ideal for irrigation or sprinkler. **FERRORTHO** should be combined with **BS Radicale or AGRIVIVA** at 5 to 10 kg / ha per application.

Root applications:

Fruit and Citrus: 10-20 g per seedling; 20-40 gr. per adult plant.
Vines: 5-15 gr. per seedling, 10-30 gr. per adult plant.
Vegetables: 2-4 kg / 1000 m².
Ornamentals: 3-7 kg/1000 m² for young plants, 7-15 kg/1000 m² for mature plants

Packaging: 1 - 5 Kg

SOLFER

Root Iron chelated (Permitted in Organic Farming)

Composition	Iron (Fe) water soluble	6%
	Iron (Fe) EDDHA	6%
	Chelating agent EDDHA ortho-ortho	3,2%
	Chelating agent EDDHA ortho-para	2,8%
	Chelating agent EDDHA stable between pH 6 and 10	

Technical Features

SOLFER can be applied on crops susceptible to iron chlorosis either at restart of vegetative growth, or during the whole growing cycle at the first appearance of yellowing. Also apply post-harvest to guarantee availability of iron for the next growing season. It is recommended in those soils low in iron, but especially calcareous soils or those with high pH. **SOLFER** is water soluble and provides a rapid and complete dissolution.

Physical Characteristics

Solubility g/l: 60 pH of 1% solution: 7,7 Conductivity at 1‰ (mS/cm): 0.83

Methods of usage and dosages

SOLFER can be used localized (near the roots) or in the open field, and in any case it must penetrate quickly into the ground because of photolability of the chelating agent. Ideal for irrigation or sprinkler. **SOLFER** should be combined with **AGRIVIVA** at 5-10 kg / ha per treatment.

Root Applications:

Fruit and Citrus: 10-20 gr. per seedling, 20-40 gr. per adult plant.
Vines: 5-15 gr. per seedling, 10-30 gr. per adult plant.
Vegetables: 2-4 Kg./1000 m².
Ornamentals: 3-7 kg/1000 m² for young plants, 7-15 kg/1000 m². for mature plants.

Packaging: 1 - 5 kg

MANGANESE 13

Chelated Manganese EDTA (Permitted in Organic Farming)

Composition	Manganese (Mn) soluble in water	13%
	Manganese (Mn) chelated with EDTA	13%
	Chelating agent EDTA stable between pH 3 and 6.5	

Technical Features

Manganese 13 is a manganese powder chelated with EDTA very active in the treatment of crops deficient in this element that can be applied via both leaf and root. Manganese deficiency occurs in the leaves with yellowing in patches, while the veins remain green. **Manganese 13** acts as an activating ion in photosynthesis and the formation of chlorophyll. **Manganese 13** induces the reduction of nitrate in plant tissue and intervenes in the synthesis of amino acids and peptides

Physical Characteristics

Solubility 800 gr/lt pH at 1% of solution 6-7

Methods of usage and dosages

Manganese 13 can be mixed with fungicides and insecticides. To ensure maximum assimilation by the leaves, **Manganese 13** treatments should not be applied during the hottest hours of the day. Do not apply until at least 10 days after prior treatment with products containing copper and mineral oils. You should always carry out small tests to check compatibility. Foliar use is recommended in combination with 200 cc / hl **HPF** (amino acid) to improve leaf penetration. 2-4 applications are recommended 7-10 days apart in relation to the needs of the crop.
Reduce greenhouse dosage by 30%.

Foliar applications:

Fruit, citrus, Vines, Kiwi: 1,5-2,5 kg / ha + **HPF** 2lt/ha.
Vegetables: 100-150 g / hl + **HPF** 2lt/ha.
Ornamental: 30-50 g / hl + **HPF** 2lt/ha.

Root applications:

On all crops: 4-8 kg / ha divided in relation to the needs of crops + **AGRIVIVA Plus or AGRIAMMIN** (amino acids) at 5-8 kg / ha

Packaging: 1 - 5 - 25 Kg

OLISOL-LAMP

Solid mixture of micro elements (Permitted in Organic Farming)

Composition	Boron(B)Boric acid water soluble	2,07%
	Copper (Cu) water soluble	0,68%
	Manganese (Mn) soluble in water	17,5%
	Molybdenum (Mo) water soluble	0,77%
	Zinc (Zn) chelated with EDTA	5,5%

Technical Features

OLISOL-LAMP is a mixture of micronutrients expressely studied for use in crops subject to phenomena of chloris due to deficiencies mainly of manganese and zinc, for use in fertigation system and foliage leaf. The trace elements contained in it, according to specific rations that take into accont the consumption of major vegetables and flowers, increasing production and improving the quality and organoleptic characteristics of crops.

Physical Characteristics

Soluble powder

Methods of usage and dosages

Foliar applications:

on all crops 200 gr/hl

Fertigation applications:

3-5 kg/ha for intervention by repeating according to the needs of the crops

Hydroponically: 1 kg.

Packaging: 1 - 5 kg

OLISOL-FRAG

Solid mixture of micro elements (Permitted in Organic Farming)

Composition	Boron(B)Boric acid water soluble	2,4%
	Copper (Cu) water soluble	0,7%
	Manganese (Mn) soluble in water	16,2%
	Molybdenum (Mo) water soluble	0,7%
	Zinc (Zn) water soluble	4,8%

Technical Features

OLISOL-FRAG is a mixture of micronutrients expressely studied for use in crops subject to phenomena of chloris due to deficiencies mainly of manganese and zinc, for use in fertigation system and foliage leaf. The trace elements contained in it, according to specific rations that take into account the consumption of major vegetables and flowers, increasing production and improving the quality and organoleptic characteristics of crops

Physical Characteristics

Soluble powder

Methods of usage and dosages

Manganese 13 can be mixed with fungicides and insecticides. To ensure maximum assimilation by the leaves, **Manganese 13** treatments should not be applied during the hottest hours of the day. Do not apply until at least 10 days after prior treatment with products containing copper and mineral oils. You should always carry out small tests to check compatibility. Foliar use is recommended in combination with 200 cc / hl **HPF** (amino acid) to improve leaf penetration. 2-4 applications are recommended 7-10 days apart in relation to the needs of the crop.

Reduce greenhouse dosage by 30%.

Foliar applications:

on all crops 200 gr/hl.

Fertigation applications:

3-5 kg/ha for intervention by repeating according to the needs of the crops.

Hydroponically: 700 gr

Packaging: 1 - 5 Kg

AGRIMICRO

Solid mixture of EDTA chelated micronutrients (Permitted in Organic Farming)

Composition	Magnesium oxide (MgO) water soluble	9,28%
	Boron (B) Boric acid water soluble	0,2%
	Iron (Fe) soluble in water	2%
	Iron (Fe) chelated with EDTA	2%
	Manganese (Mn) soluble in water	2%
	Manganese (Mn) chelated with EDTA	2%
	Zinc (Zn) soluble in water	1,5%
	Zinc (Zn) chelated with EDTA	1,5%
	Chelating agent EDTA stable at pH 3 to 6.5	

Technical Features

AGRIMICRO is a blend of chelated trace elements that makes the product ideal for the prevention and treatment of micro-insufficiencies. Its high content of magnesium, an essential constituent of chlorophyll, combined with the special balance of iron, manganese and zinc, results in a rapid greening of vegetation by increasing the number of renewals of plant growth and active leaf area. **AGRIMICRO** improves the quality and organoleptic characteristics of crops

Physical Characteristics

Soluble powder pH at 1% solution 6.80 solubility: 280 gr/l

Methods of usage and dosages

AGRIMICRO is compatible with most pesticides. You should always carry out small tests to check compatibility. To ensure maximum absorption of **AGRIMICRO** treatments must be carried out in the coolest hours of the day.

Foliar applications:

Navel Oranges and Lemons: 5 kg / ha + **HPF** (amino acid) at 2 l / ha + **FOSFO K** at 2 l / ha.
Fruit and Vine, Kiwi: 160-200 gr / hl + **HPF** (amino acids) at200 cc / hl.
Horticulture: 100-160 gr / hl +**HPF** (amino acids) at 200 cc / hl.
Horticultural: 80-200 g / hl +**HPF** (amino acids) at 200 cc / hl.
Reduce greenhouse doses by 30%

Fertigation applications:

Preventative applications: 6-12 kg / ha + **AGRIAMMIN Plus** or **AGRIVIVA** at 5 kg / ha.
Curative applications: 20-60 kg / ha + **AGRIAMMIN Plus or AGRIVIVA** at 5 kg / ha

Packaging: 1 - 5 kg

AGRIMIX

Solid mixture of chelated trace elements (Permitted in Organic Farming)

Composition		
	Boron (B) water soluble	3,5%
	Copper (Cu) chelated with EDTA	0,3%
	Iron (Fe) chelated with EDTA	5,4%
	Manganese (Mn) soluble in water	5%
	Manganese (Mn) chelated with EDTA	1%
	Molybdenum (Mo) water soluble	0,2%
	Zinc (Zn) soluble in water	3%
	Zinc (Zn) EDTA	1%

Technical Features

AGRIMIX is a solid mixture of trace elements in highly soluble chelated form, for the prevention and treatment of multiple deficiencies. The trace elements contained in the product are used in the metabolism of the plant for its proper growth and fruiting, due to the balance for the best productive result. The high solubility and the chelated form with EDTA allows the plant to rapidly assimilate and totally absorb the product.

Physical Characteristics

Soluble powder pH at 1% solution 6.7

Methods of usage and dosages

AGRIMIX can be spread on the ground dissolved in water with any irrigation system. Excellent for integrating with irrigation treatments using base fertilizers, it is very suitable for crops out of the soil. **AGRIMIX** may be used at any stage of the growing season on all types of fruit trees, citrus, vegetables, strawberries, Vines, Kiwi, Olives, ornamentals and flowers.

Foliar applications:

Fruit, citrus, Vine, Kiwi: 120-150 gr / hl + **HPF** at 200 cc / hl
Vegetables: 100-200 gr / hl + **HPF** at 200 cc / hl.
Flowers: 50-80 g / hl + **HPF** at 200 cc / hl

Fertigation applications:

From 10-15kg/ha. **Curative interventions** 30-40 kg / ha

Hydroponically: 15-20 grams per cubic meter of water in solution. For the stock solution tanks (tank B) concentrate 100 times: 150 to 200 gr/100 lt.

Seedbeds: From 0.3 to 0.4 g / l during the preparation of substrata.

Irrigation by rain: From 10-20 kg / ha over the whole area divided into several applications

Packaging: 1 - 5 Kg

AGRICHELAT

Solid mixture of chelated trace elements (Permitted in Organic Farming)

Composition		
	Boron (B) water soluble	4,8%
	Copper (Cu) chelated with EDTA	1,6%
	Manganese (Mn) chelated with EDTA	4,8%
	Molybdenum (Mo) water soluble	0,8%
	Zinc (Zn) chelated with EDTA	3,2%

Technical Features

AGRICHELAT is a highly soluble solid mixture of trace elements in chelated form, for the prevention and treatment of multiple deficiencies. The trace elements contained in the product are used in the metabolism of the plant for its proper growth and fruiting, according to a balance for the best productive result. Its high solubility and chelated with EDTA form allows the plant to rapidly assimilate and totally absorb the product.

Physical Characteristics

Soluble powder

Methods of usage and dosages

AGRICHELAT can be spread on the ground dissolved in water with any irrigation system. Excellent for integrating with irrigation treatments using base fertilizers, it is very suitable for crops out of the soil. **AGRICHELAT** may be used at any stage of the growing season on all types of fruit trees, citrus, vegetables, strawberries, Vines, Kiwi, Olives, ornamentals and flowers.

Fertigation applications:

1 to 1.5 kg / ha per week

Hydroponically: 40-50 g / m^3 of water in solution. For the stock solution tanks (tank B) concentrate 100 times: 500 gr/100 lt.

Seedbeds:

From 0.3 to 0.4 g / l during the preparation of substrata.

Irrigation by rain:

From 10-20 kg / ha over the whole area divided into several applications

Packaging: 1 - 5 kg

AGRICOMPLEX

Solid mixture of chelated trace elements (Permitted in Organic Farming)

Composition	Boron (B) water-soluble boric acid	0,4%
	Copper (Cu) water soluble	0,3%
	Iron (Fe) EDTA water soluble	7,5%
	Manganese (Mn) EDTA water soluble	3,7%
	Molybdenum (Mo) water soluble	0,2%
	Zinc (Zn) EDTA water soluble	0,6%
	Chelating agent EDTA stable at pH 3 and 7	

Technical Features

AGRICOMPLEX is a mixture of chelated micronutrients in highly soluble powder form, suitable for all tree crops, vegetables and flowers. **AGRICOMPLEX** prevents and cures deficiencies of trace elements. Its high solubility and chelated with EDTA form allows the plant to rapidly assimilate and totally absorb the product.

Physical Characteristics

Soluble powder

Methods of usage and dosages

AGRICOMPLEX is compatible with most pesticides. It is always advisable to carry out small tests to check compatibility. For maximum assimilation treatments must be carried out in the coolest hours of the day. **AGRICOMPLEX** can be distributed on the ground dissolved in water, with any irrigation system. **AGRICOMPLEX** is recommended to supplement the irrigation carried out using basic fertilizers and it is very suitable for crops out of the soil.

Foliar applications:

oFruit and Vine, Kiwi, Citrus fruit: 150 g / hl + **HPF** 200 cc / hl, 1 treatment before flowering, 2nd and 3rd after fruit set according to the needs of the plant.
Vegetables: 150 g / hl + **HPF** 200 cc / hl.
Flower: 50-70 g / hl + **HPF** 200 cc / hl.
Reduce greenhouse dosages by 30% n all crops 200 gr/hl.

Root applications:

By irrigation: from 4-6 kg / ha per week.
Hydroponics: from 40-50 g / m of water in solution. For the stock solution tanks (tank B) concentrate 100 times: 500 gr/100 lt.
Seedbeds: from 0.3 to 0.4 g / l of peat or substrate.
By rain: from 10-20 kg / ha across the whole area divided into several applications.

Packaging: 1 - 5 Kg

AGRIRAM

Chelated Coopper (Cu) EDTA (Permitted in Organic Farming)

Composition	Copper (Cu) soluble in water	14,5%
	Copper (Cu) chelated with EDTA	14,5%

Technical Features

AGRIRAM is a chelated copper powder. The molecule with EDTA added to carriers and penetrating agents makes **AGRIRAM** a product that is quickly absorbed by both the leaves and the roots of plants. Copper is a trace element that contributes to photosynthesis and performs a catalytic action in the oxide reductive processes. Copper deficiency is manifested by yellowing of the plants, enrichment of the tips and shortening of internodes. Typically, copper deficiency occurs in plants grown in soils rich in organic matter or with an alkaline reaction.

Physical Characteristics

Water solubility 1200 g/l (20 ° C) pH of 1% solution 6-7

Methods of usage and dosages

AGRIRAM should always be used alone, we do not recommend the combination with pesticides in general. Avoid combinations with Sulphur and alkaline products.

Foliar applications:

Fruit, grapes and kiwi: 30-50 g / hl.
Citrus: 40-60 g / hl.
Vegetables: 30-40 g / hl.
Ornamentals: 20-30 g / hl.
Nurseries and Lawns: 40-50 g / hl.
Industrial crops, fodder and cereals: 60-80 g / hl.
It is advisable to combine **HPF** (amino acids) at a dose of 200 cc / hl.

Fertigation applications:

AGRIRAM is used at a dose of 8-10 kg / ha distributed in two or three treatments according to the needs of the crop, adding **AGRIVIVA** or **AGRIAMMIN Plus** (amino acids) at a dose of 5-6 kg / ha per intervention to encourage assimilation.

Greenhouse Application:

Reduce doses by 30%.

Packaging: 1 - 5 kg

Solfato di rame 98-99 GRANITELLO

Solid mixture of chelated trace elements (Permitted in Organic Farming)

Composition	Water soluble copper (Cu)	25% p/p

Technical Features

GRANITELLO COPPER sulphate is a high-purity product that enhances the biochemical functions of copper and exerts a stimulating action on the plant. It also stimulates and strengthens the natural defenses of plants against stress caused by fungal and bacterial attacks.

Physical Characteristics

Micro crystals

Methods of usage and dosages

Agricultural use :

100 gr of Granitello Copper Sulphate for every 150 gr of hydrated lime

Packaging: 10 Kg

SOLFERMAG Plus

Fertilizer based on microelements (iron sulfate)

Composition	Total iron (Fe)	12%
	Water-soluble iron (Fe)	12%
	Water-soluble magnesium oxide (MgO)	3%
	Sulfuric anhydride (SO_3) soluble in water	35%

Technical Features

SOLFERMAG Plus is a fertilizer containing a high amount of iron in an easily assimilable form for all crops, indicated for the prevention and treatment of ferric chlorosis. **SOLFERMAG Plus** con il suo contenuto di zolfo (SO3), favorisce l'acidificazione del terreno e crea un microambiente ideale per l'assorbimento radicale dei microelementi, stimola la formazione degli amminoacidi di solfati che favoriscono la formazione delle sostanze proteiche, migliorando il livello produttivo delle colture. **SOLFERMAG Plus** contains water-soluble Magnesium readily available for the plant; magnesium is one of the fundamental components of the chlorophyll molecule that creates synergies with all the nutritional elements, phosphorus and potassium in particular.

Methods of usage and dosages

Applications for nutrition:

Fruit, kiwi: 0.3-0.8 Kg/pianta, Early spring
Citrus fruit, vine, walnut: 0.4-0.8 Kg/pianta, Early spring
Strawberries, vegetables: 500-700 gr/ha, pre-sowing or pre-transplantation
Horticultural: 60-100 Kg/1000m², pre-sowing or pre-transplantation

Applications against clerry ferrica:

Fruit, citrus fruits, vine, kiwi: 600-800 Kg/ha, At the new plant according to the type of soil.
300-500 Kg/ha, Plants in production according to the type of soil.
vegetables, flowers: 40-120 Kg/1000m²

Packaging: 30 Kg

AGRI Cu 50

Copper oxychloride

Composition	Total Copper (Cu)	50%

Technical Features

AGRI Cu 50 distributed through the leaves prevents and reduces copper deficiencies making it easily available to the plant. Its special formulation with the presence of wetting agent and activator increases its persistence on the plant, making the coverage uniform. **AGRI Cu 50** is miscible with commonly used fertilizers and pesticides except TMTD, Amino acids and those with a strongly alkaline reaction.

Physical Characteristics

Fine powder Fineness of grinding: <1 μm (98% passes through a 0.063 mm sieve)

Methods of usage and dosages

Foliar applications:

Walnuts, hazelnut: 1.5-2 Kg/ha, Water volume 1000 lt / ha
Fruit crops, Vine: 1.5-2 Kg/ha, Reduced water volume
Olive: 1.8-2.4 Kg/ha, Reduced water volume
Strawberries, vegetables: 1.2-1.6 Kg/ha, Reduced water volume
Field crops: 1.1-1.5 Kg/ha, Reduced water volume

Packaging: 1 - 5 Kg

FERTLIZERS WITH A BASIS OF BORON

TO FAVOUR THE FRUIT SET

AGRIBOR

Fertilizer solution-based Boro Ethanolamine (Permitted in Organic Farming)

Composition	Boron (B) total	11%
	Boron (B) soluble in water	11%

Technical Features
AGRIBOR must be used at leaf level. The special structure of organic complexes, chemically linked to Boron ions, dramatically improves the penetration and translocation of the element inside the plant. **AGRIBOR** is indicated for all crops more sensitive to boron deficiency such as fruit, Vine, vegetables and olive trees, industrial crops. It increases the fertility of pollen in them and thus the fruit set quantity.

Physical Characteristics
Specific Gravity 1.35 pH at 1% of solution: 7.9 Conductivity 1‰ or 0.57

Methods of usage and dosages
AGRIBOR can be mixed with fungicides and insecticides. You should always carry out small tests to check compatibility. To ensure maximum absorption of **AGRIBOR** treatments should not be applied during the hottest hours of the day.
Reduce dosage by 30% for greenhouses.

Foliar applications:
2-3 applications spaced 10-12 days apart.
Orchards: 80-100 cc / hl.
Vines and olives: 80-90 cc / hl.
Vegetables: 60-80 cc / hl.
Flower: 40-50 cc / hl.
Industrial crops: 1000-1200 cc / ha.

Packaging: 1.5 - 6 - 12 - 30 - 270 kg

BORO 17

Boron based fertilizer, boric acid (Permitted in Organic Farming)

Composition	Boron (B) total	17%
	Boron (B) soluble in water	17%
	Boric Acid Components	

Technical Features
Boro17 is a soluble powder for use on roots and leaves. The high content of boron provides the right nutritional support during the delicate phases of fertilization. In the plant it regulates the absorption of elements such as calcium and the transport of sugars. **Boro 17** is indicated on all crops more sensitive to boron deficiency such as grape, beet, fruit, vegetables and olive trees, in which it increases the fertility of pollen and then the fruit set and fruiting quantity and quality

Physical Characteristics
Boro17 is a soluble powder pH at 1% of solution: 6.0 Conductivity 1‰ or 0.51

Methods of usage and dosages
BORO17 can be mixed with fungicides and insecticides. You should always carry out small tests to check compatibility. The treatment must not be applied during the hottest hours of the day. **Reduce dosage by 30% in greenhouses**

Foliar applications:
Fruit trees, Sunflower, Beet, vegetables, flowers:
100-150 gr / hl with 150 cc / hl **HPF** (amino) in pre-flowering and flowering phases

Root applications:
Vegetables, fruit, kiwi, flowers, Beet and Sunflower:
5-6 kg / ha with 5-6 liters / ha adding **AGRIVIVA or AGRIAMMIN Plus**, at vegetative growth stage.
Vines, Olive: 20-30 g / plant + 5 g / plant adding **AGRIVIVA** or **AGRIAMMIN Plus** (amino acids) at 5-6 liters / ha

Packaging1 - 5 - 10 - 25 kg

FERTILIZERS WITH A BASIS OF MAGNESIUM

TO INTENSIFY THE FRUIT COLOUR

AGRIMAG Spray

Mineral Fertilizer 6-0-0 + 9 MgO

Composition	Nitrogen (N) total	6%
	Nitrogen (N) Nitric	6%
	Magnesium (MgO) Total	9%
	Magnesium (MgO) soluble in water	9%

Technical Features

AGRIMAG Spray is a liquid fertilizer for foliar and irrigation application. Magnesium is a constituent element of the chlorophyll molecule, which creates synergies with all the nutrient elements, phosphorus and potassium in particular. All this leads to final improvements in the quality of fruits such as size, color, simultaneous ripening and shelf life.

Physical Characteristics

Specific gravity 1.06 pH of 1% solution 7.0 Conductivity at 1‰ 0.60

Methods of usage and dosages

To ensure maximum absorption of **AGRIMAG Spray** treatments should not be applied during the hottest hours of the day. Also add 2 liters / ha of **HPF** (amino acid) or **AGRIBIOFERT.**
Reduce greenhouse dosage by 30%

Foliar applications:
Vine, fruit, citrus, hazelnuts, olives: 12-15 l / ha for several applications
Vegetables: 10-15 l / ha for several applications
Flowers: 100-150 cc / hl water

Root applications:
Fruit, citrus, hazelnuts, olives: 80-150 liters / ha for several applications
Vegetables: 100-150 l / ha for several applications
Flowers: 1-1.5 l/1000 m² a time

Packaging: 1 - 6 - 12 - 30 kg

AGRIMAG Bio

Magnesiuim-based in fertilizer (extracted from kieserite)

Composition	Magnesium (MgO) soluble in water	16%
	Sulfur trioxide (SO_3) soluble in water	32%

Technical Features

AGRIMAG Bio is a highly water soluble organic powder fertilizer suitable for use on leaf, root and irrigation of all crops. **AGRIMAG Bio** is made up of magnesium and sulfur, two fundamental secondary macro elements. Magnesium is a constituent element of the chlorophyll molecule, which creates synergies with all the nutrients, phosphorus and potassium in particular. Sulfur is an essential element for soil fertility and plant life which is involved in the formation of proteins, vitamins and organic compounds.

Physical Characteristics

pH of 1% at 7.4 soluble in water: 26.3% (20C°)

Methods of usage and dosages

To ensure maximum assimilation, **AGRIMAG Bio** may be used on leaves being careful not to apply treatments during the hottest hours of the day. The product is sensitive to moisture and heat. The product is compatible with most pesticides.
Reduce greenhouse dosage by 30%.

Foliar applications:
Vine, fruit, citrus, vegetables, hazelnuts, olives: 8-10 kg / ha 2-3 times every 10 days from fruit set. Combined with 2 l / ha of **HPF** (amino acid).

Root applications:
Vine, fruit, citrus, hazelnuts, olives: 100-150 kg / ha 2-3 times from restart of vegetative growth.
Vegetables: 10-15 kg/1000 square meters in several applications. The treatments should be combined with 5-10 kg AGRIAMMIN Plus (amino acid).

Packaging: 5 - 10 - 25 kg

FERTILIZERS WITH A BASIS OF PHOSPHORUS

TO STIMULATE THE SELF-DEFENCE

FOSFO K

Inorganic fertilizer PK 0-30-20 fluid

Composition	Phosphorus pentoxide (P_2O_5) soluble in water	30%
	Potassium oxide (K_2O) soluble in water	20%

Technical Features

FOSFO K is a protective liquid fertilizer for leaves and roots, rich in phosphorus and potassium to stimulate the formation of the young roots, increase the activity of the plant and differentiation at flower budding. **FOSFO K** applied in the more active phases of vegetation affects the hormonal system of the plant by stimulating the formation of phytoalexins that enhance natural defence against fungal endoparasites especially oomycetes (Phytophtora, Plasmopara viticola, rubber citrus parasites, collar rot, etc.).

Physical Characteristics

Specific gravity 1.39 pH of 1% solution 5.0 Conductivity at 1‰ 0.62

Methods of usage and dosages

FOSFO K is compatible with most pesticides. You should always carry out small tests to check compatibility. You can apply a week before and three weeks after treatments with oils or copper-based products.

Foliar applications:

Vine, fruit, citrus fruits, strawberries, vegetables: 250-350 cc / hl 3-4 times every 10-12 days
Ornamental: 150-200 cc / hl several times

Root applications:

Fruit, citrus, Grapevine: 5-7 l / ha every 15-20 days
Vegetables, flowers: 0.7 to 1.5 liters / m^3
Ornamental: 0.7 to 1.5 liters / 1000 m^2

Application by brush:

Scrape the diseased area of the tree and paint it with a solution of **FOSFO K** 40%. If the attack is strong apply three treatments per year

Packaging: 1.4 - 6 - 12 - 30 - 300kg

FOSFO CAL

Inorganic fertilizer NP 3-15+ 10 CaO fluid

Composition	Nitrogen (N) urea	3%
	Phosphorus pentoxide (P_2O_5) soluble in water	15%
	Calcium Oxide (CaO) soluble in water	10%
	Boron (B)	0,3%

Technical Features

FOSFO CAL is a liquid fertilizer for leaves and roots that stimulates the formation of young roots and increases the activity of the plant. The presence of nitrogen stimulates the absorption of the phosphorus and calcium in the product.
FOSFO CAL has a calcium content that improves the texture, handling and cold storage of products. **FOSFO CAL** acts on the hormonal system of the plant, stimulating the formation of phytoalexins that enhance the natural defence of plants against endoparasitic fungi especially oomycetes (Phytophtora, Plasmopara viticola, rubber citrus parasite, collar rot, etc.).

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Physical Characteristics

Specific gravity 1.13 pH of 1% solution 2.29 Conductivity 1%o or 0.64

Methods of usage and dosages

FOSFO CAL is compatible with most pesticides. You should always carry out small tests to check compatibility. To ensure maximum absorption of **FOSFO CAL** treatments should not be applied during the hottest hours of the day. Avoid combinations with copper and alkaline products.

Foliar applications:

FOSFO CAL: 200-250 cc / hl 3-4 times.
Please note: Use a minimum of 10 hl of water per ha

Root applications:

Strawberry, vegetables: 10-15 l / ha in 2-3 applications after fruit formation.

Packaging: 1,2 - 6 - 12 - 30 kg

FOSFO MAG

Inorganic mineral fertilizer NP 3-40 + MgO 10 fluid

Composition	Nitrogen (N) urea	3%
	Phosphorus pentoxide (P_2O_5) soluble in water	40%
	Magnesium oxide (MgO) soluble in water	10,4%

Technical Features

FOSFO MAG is a protective liquid fertilizer for use on leaves and roots that stimulates the formation of young roots, increases the activity of the plant, differentiation at flower budding and prevents or cures magnesium deficiencies**. FOSFO MAG** applied in the more active stages of vegetation affects the hormonal system of the plant by stimulating the formation of phytoalexins that enhance natural defence against fungal endoparasites especially oomycetes (Phytophtora, Plasmopara viticola, rubber citrus parasite, collar rot, etc.).

Physical Characteristics

Specific gravity 1.41 pH of 1% solution 2,16 Conductivity at 1‰ 0.72

Methods of usage and dosages

FOSFO MAG is compatible with most pesticides. You should always carry out small tests to check compatibility. Avoid combinations with Copper and alkaline reaction products

Foliar applications:

Fruits, Grapevine, Citrus: 120-150 cc / hl 3-4 times every 10-12 days.
Horticulture, ornamental: 80-100 cc / hl several times.
Please note: Use a minimum of 10 hl of water per ha

Root applications:

Strawberries, melons, tomatoes, watermelon: 10-15 kg / ha in two applicationsafter the appearance of flowers

Packaging: 1.4 - 6 - 12 - 30 - 300kg

FOSFORO 54 % Radicale

Simple mineral liquid fertilizer with a high titre in phosphorus

Composition	Phosphorus (P_2O_5) soluble in water	54%

Technical Features

FOSFORO 54% is a fluid fertilizer high in phosphorus, essential for the metabolism of plants.
FOSFORO 54% favors rapid growth and proper development of the plant. We recommend its use in immature plants, when they are actively growing in order to encourage root development. Administration favors abundant flowering and vegetative growth in post-flowering and improves the organoleptic characteristics of fruit. The use of **FOSFORO 54%** in fertigation reduces the risk of precipitates in the presence of Ca and Mg ions. **FOSFORO 54%** is also recommended to lower the pH in alkaline soils. Useful to make the solution nutritive.

Physical Characteristics

Specific gravity 1.57 pH of 1% solution 1,1 Conductivity 1‰ or 1,2

Methods of usage and dosages

FOSFORO 54% is compatible with most fertilizers. Avoid products with combinations of calcium and Magnesium.

Root applications:

Vine, fruit, citrus fruits: 80-120 kg / ha to be distributed by irrigation water during the growth cycle of the crop.
Be careful when handling: In case of contact with hands or other body parts, wash thoroughly with water.

Packaging: 15 - 30 - 300 - 1500 kg

AGRI UrP

Mineral liquid Fertilizer 5-30 (liquid urea phosphate)

Composition	Nitrogen(N) total	5%
	Nitrogen (N) Ammonia	3%
	Nitrogen (N) urea	2%
	Phosphorus (P_2O_5) soluble in water	30%

Technical Features

AGRI Urp is a liquid fertilizer that contains readily assimilable nitrogen and phosphorus. **AGRI Urp** is suitable for irrigation of crops during the revival of vegetation, transplanting, before flowering and throughout the productive cycle. **AGRI Urp** promotes root development and encourages abundant flowering plants.

Physical Characteristics

Specific gravity 1.33 pH of 1% solution 2.50 Conductivity at 1‰ 0.50

Methods of usage and dosages

AGRI Urp is compatible with most fertilizers. Avoid combinations with products based on copper, calcium and Magnesium.

Foliar applications:

Vine, fruit, citrus fruits, strawberries, vegetables: 250-350 cc / hl 3-4 times every 10-12 days
Ornamental: 150-200 cc / hl several times

Root applications:

Vegetables and flowers: from transplant during the entire productive cycle apply 3-4 times, at a dose of 4-5 kg/1000 m².
Fruit: from restart of vegetative growth apply a dose of 40-50 kg / ha. 3-4 times.
The product also has a cleaning action for drip irrigation systems. For this reason watering should end using **AGRI Urp.**

Packaging: 12 - 30 - 270 - 1300 kg

ACIDO CONTROL

Liquid mineral compost fertilizer NP 3-17-0 – pH INDICATOR

Composition	Nitrogen (N) total	3%
	Nitrogen (N) urea	3%
	Phosphorus (P_2O_5) of total	17%
	Phosphorus (P_2O_5) soluble in water	17%

Technical Features

Acid Control is a liquid fertilizer made from readily assimilated high purity urea nitrogen and phosphorus. **Acid Control** serves to lower the pH of leaf solutions, increasing effectiveness of the active ingredients used and improving the solubility of the components. **Acid Control** promotes flowering, and the anticipation of vegetative growth in tree crops.

Physical Characteristics

Specific gravity 1.15 pH of 1% solution 2.15

Methods of usage and dosages

The product is miscible with most pesticides, but not for those with alkaline reaction. You should always carry out small tests to check compatibility.

Foliar applications:

On all crops: 50-200 g / hl.
To acidify: solution dose varies with the pH of the water. As a guide, we recommend using 90-100 g / hl to reach a pH of 6 to 6.5.
To facilitate the penetration of solutions: 20-35 g / hl.
For washing: honeydew and sooty mold, 100-200 gr / hl, with higher volumes of water.
Vegetables: 2 to 2.5 liters / ha repeated in several treatments.

Packaging: 1,2 - 6 - 12 - 30 kg

ACIDO FOSFORICO 40%

Simple phosphate fluid mineral fertilizer

Composition	Total phosphorus (P_2O_5) from orthophosphoric acid	40%

Technical Features

PHOSPHORIC CIDO 40% is a fluid fertilizer with a high phosphorus content, a fundamental element for plant metabolism. **PHOSPHORIC ACID 40%** promotes rapid growth and correct plant development. Its use is advised in the juvenile phases, when the plant is in active growth to favor its radical development. Administration at the vegetative growth favors an abundant flowering while, in post-flowering, it improves the organoleptic characteristics of the fruits. The use of **PHOSPHORIC ACID 40%** in fertigation reduces the risk of formation of precipitates in the presence of Ca and Mg ions. **PHOSPHORIC ACID 40%** is also recommended to lower the pH in alkaline soils and is useful for acidifying the nutrient solution.

Physical Characteristics

Specific weight: 1.40 Kg / lt pH of the 1% solution: 2.10 Conductivity 1% (mS / mc): 1.29

Methods of usage and dosages

FOSFO Cu is compatible with most pesticides. You should always carry out small tests to check compatibility. Avoid combinations with sulfur, amino acids and alkalis.

Root applications:

Fruit, vine, citrus: 80-120 Kg/ha, to be distributed with irrigation water during the entire growing cycle of the crop.

Irrigation system cleaning: 30 Kg / intervention, spring and autumn.

Packaging: 12 - 30 - 270 - 1400 kg

FOSFO CU

Mineral liquid fertilizer NP 3-30 +4 Cu (Copper phosphate)

Composition	Nitrogen (N) urea	3%
	Phosphorus pentoxide (P_2O_5) soluble in water	30%
	Copper (Cu) metal	4%

Technical Features

FOSFO Cu contains a high percentage of phosphorus and carries out the conveyance of starch, fat and sugars to the reserve organs (fruits, seeds, roots) with a consequent improvement of organoleptic and commercial product (color, flavor , smell and texture). **FOSFO Cu** with its natural components is used to prevent copper deficiency due to difficulties of assimilation of this element, linked to high soil organic matter or over-application of phosphorus. **FOSFO Cu** stimulates growth and plant defence mechanisms (phytoalexins) and strengthens the aerial and root systems of any crop. **FOSFO Cu** prevents diseases such as collar rot (Phytophtora, vine Plasmopora etc..) and aerial system diseases (bacterial, Mildew, Alternaria, etc..)

FOSFO Cu has a bactericidal action and its use for leaves is indicated in orchards where branches suffering from "fire blight" have been removed, at a dose of 3 liters / ha.

Physical Characteristics

Specific gravity 1.32 pH of 1% solution 1,85 Conductivity 1‰ or 1.91

Methods of usage and dosages

FOSFO Cu is compatible with most pesticides. You should always carry out small tests to check compatibility. Avoid combinations with sulfur, amino acids and alkalis.

Foliar application:

Fruit: 100-200 cc / hl.

Vegetables and cereals: 100-150 cc / hl.

Vines: 150-200 cc / hl.

Please note: Use a minimum of 10 hl of water per ha

Root applications:

Citrus: 100-200 cc / hl.

Fruit, Vine: 50-100 cc / plant.

Vegetables, Potatoes: 2.5-3.5 l / ha

Packaging: 1,2 - 6 - 12 - 30 kg

LIQUID FERTILIZERS NPK

TO ACCELERATE THE GROWTH

F 15-7-5

Ternary liquid fertilizer (low level of clorine)

Composition	Nitrogen (N) total	15%
	Nitrogen (N) Nitric	1,48%
	Nitrogen (N) urea (low Biuret)	13,5%
	Phosphorus pentoxide (P_2O_5) soluble in water	7%
	Potassium oxide (K_2O) soluble in water	5%

Technical Features

F 15-7-5 is a liquid leaf and root fertilizer that contains nitrogen, phosphorus and potassium readily assimilated thanks to the presence of amino acids that have an important bio-stimulating action. Because of its composition **F 15-7-5** enhances the metabolism of the plant, the vegetative activity and appearance of ornamental plants **F 15-7-5** is preferably used when the low temperature of the ground slows the absorption of nutrients.

Physical Characteristics

Specific gravity 1.24 pH of 1% solution 5,28 Conductivity at 1‰ 0.60

Methods of usage and dosages

F 15-7-5 is compatible with most pesticides. You should always carry out small tests to check compatibility. Avoid combinations with sulfur, mineral oils, copper-based products and products with alkaline reaction.
Avoid treatment during the hottest hours of the day.

Foliar applications:

Fruit, citrus, vines, olives: 4-8 liters / ha.
Vegetables, Cereals: 5-8 liters / ha.
Flower and ornamental: 100-300 cc / hl.
Cleaning "Psylla": 500-600 cc/ hl (treat early in the morning) with 15 hl water / ha.
Reduce dosages by 30% for greenhouses.

Root applications(distributed in fractional form):

Fruit, kiwi, citrus, vines, olive trees: from restart of vegetative growth to ripening 100-200kg/ha.
Vegetables, strawberries, from the first true leaf to fruit growth to 15-20 kg /sq.m.
Ornamental flowering plants: in the early stages up to flowering kg/1000 12-15 sqm.
Lawns and nurseries: in the early stages of cultivation kg/1000 10-15 sqm.

Packaging: 1,3 - 6 - 12 - 30 - 250 kg

F 5-8-15

Ternary liquid fertilizer (low level of clorine)

Composition	Nitrogen (N) total	5%
	Nitrogen (N) Nitric	1,1%
	Nitrogen (N) urea (low biuret)	3,45%
	Phosphorus pentoxide (P_2O_5) soluble in water	8%
	Potassium oxide (K_2O) soluble in water	15%

Technical Features

F 5-8-15 is a liquid fertilizer containing nitrogen, phosphorus and potassium readily assimilated due to the presence of amino acids that have an important bio-stimulating action **F 5-8-15** is preferably used during the process of enlargement of the fruit to improve fruit size, color and organoleptic characteristics. When using the maximum dosage
F 5-8-15 provides good control of "Psylla" dissolving the honeydew. On apple trees, the use of **F 5-8-15** should be alternated with calcium-based treatments (**AGRICAL**) to balance the intake of potassium.

Physical Characteristics

Specific gravity 1.29 pH of 1% solution 8,7 Conductivity 1‰ or 0.74

Methods of usage and dosages

F 5-8-15 is compatible with most pesticides. You should always carry out small tests to check compatibility. Avoid combinations with sulfur, mineral oils, copper-based products and products with alkaline reaction. Avoid treatment during the hottest hours of the day.

Foliar applications:

Fruit trees, citrus, vines, olives: 4-8 liters / ha.
Vegetables, cereals: 4-8 liters / ha.
Horticultural: 100-200 cc / hl.
Cleaning" Psylla": 500-600 cc / hl (treat early in the morning) with 15 hl water / ha.
Reduce dosage by 30% in greenhouses

Root applications (distributed in fractional form) :

Fruit trees, kiwi, citrus, vines, olive trees: during fruit growth 130-150 kg / ha.
Vegetables, Strawberries: from first vegetation to the end of the productive cycle kg/1000 13-16 sqm.
Flowering ornamental plants: during the final stages or before the plant becomes dormant kg/1000 10-15 sqm.

Packaging: 1,3 - 6 - 12 - 30 - 250 kg

F 5-20-5

Micronutrient + ternary liquid fertilizer (low level of chlorine)

Composition	Nitrogen (N) total	5%
	Phosphorus pentoxide (P_2O_5) soluble in water	20%
	Potassium oxide (K_2O) soluble in water	5%
	Boron (B) Boric acid water soluble	0,02%
	Iron (Fe) EDTA water soluble	0,1%
	Manganese (Mn) EDTA water soluble	0,05%
	Zinc (Zn) EDTA water soluble	0,05%

Technical Features

F 5-20-5 is a liquid leaf and root fertilizer high in phosphorus that promotes effective nutritional support in the early stages of crop development. The high content of phosphorus, together with the presence of nitrogen, potassium and trace elements, encourages a more uniform plant growth. For use in pre-and post-flowering phases.

Physical Characteristics

Specific gravity 1.14 pH of 1% solution 6,8 Conductivity at 1‰ 0.70

Methods of usage and dosages

F 5-20-5 is compatible with most pesticides. You should always carry out small tests to check compatibility. To ensure maximum absorption of
F 5-20-5 treatments should not be applied during the hottest hours of the day.

Foliar applications:

Fruit trees, citrus, vines, olives: 3-5 liters / ha.
Vegetables, cereals: 3-5 liters / ha.
Horticultural: 100 cc / hl

Root applications (distributed in fractional form):

Fruit trees, kiwi, citrus, vines, olive trees: from restart of vegetative growth to ripening 100-150 kg/ha.
Vegetables, strawberries, from the first true leaf to fruit growth 10-12 kg / m^3.
Ornamental flowering plants: from the early stages to flowering 8-10 kg/1000 m^3.
Lawns and nurseries: in the early stages of cultivation kg/1000 5-10 m^3.
Reduce dosage by 30% for greenhouses

Packaging: 1,2 - 6 - 12 - 30 - 250 kg

AGRI Azo

Simple liquid mineral nitrogen fertilizer

Composition	Nitrogen (N) total	30%
	Nitrogen (N) nitric	7,5%
	Nitrogen (N) ammonia	7,5%
	Nitrogen (N) Urea	15%

Technical Features

AGRI Azo is a liquid fertilizer suitable for all crops that require a high intake of nitrogen. The balanced presence of three forms of nitrogen (nitric, ammoniac and ureic) gives the product a time-release action, stimulating lush growth of the plant and helping with the absorption of other nutrients.

Physical Characteristics

Specific gravity 1.30 pH of 1% solution 7,26 Conductivity 1‰ or 1.07

Methods of usage and dosages

AGRI Azo should be applied with irrigation water, preferably in several operations.

Foliar applications:

Vegetables, Strawberries: 120-150 cc / hl.
Fruit trees, citrus, olives, vines: 200-220 cc / hl.
Horticultural: 80-120 cc / hl.
Extensive: 10-20 l / ha.
Nurseries and lawns: 200-220 cc / hl.
The dosage and the number of applications may vary depending on the needs of the crop.

Root applications via irrigation or sprinkling :

Woody plants in general: 80-120 l / ha per application.
Vegetables, strawberries: 8-12 lt/1000 m^2 per application.
Fruit trees: 80-120 l / ha per application.
Nurseries: 50-70 l / ha per application.
Ornamental flowering plants and lawns: 5-7 lt/1000 m^2.

Packaging: 30 - 270 - 1300 kg

AGRI K30

Simple Potassium Mineral Liquid fertilizer (potassium carbonate solution)

Composition	Nitrogen (N) total	3%
	in nitrogen (N) urea	3%
	Potassium oxide (K_2O) soluble in water (low chlorine content)	30%

Technical Features

AGRI K30 is a liquid fertilizer for foliar and irrigation use high in potassium that will satisfy the nutritional requirements of all crops, particularly in the phase of enlargement and ripening of fruits. Potassium is an essential element in plant metabolism with a specific function of enzyme-activation in the photosynthetic process and in the synthesis of sugars and proteins. Plants treated with **AGRI K30** are more robust and resistant to adverse weather and low water availability. The use of **AGRI K30** improves flower color and enhances the organoleptic qualities of products (color, size and shelf life.)

Physical Characteristics

Specific gravity 1.53 pH of 1% solution 11,06

Methods of usage and dosages

AGRI K30 applications should be carried out in the coolest hours of the day. Do not mix directly with compounds with an acid reaction.

Foliar applications:

Trees in general, Kiwi, citrus (From fruit set to ripening): 120-140 cc / from fruit growth.
Fruit trees, vines, olives (from the beginning of fruit growth):
150-200 cc / hl.
Reduce dosage by 30% for greenhouses

Root applications via irrigation or sprinkling:

Orchards and nurseries: from fruit growth and before harvest 120-140 cc / hl per application.
Vegetables, ornamental plants or flowers, lawns: Kg/1000 1012 sqm per application.

Packaging: 15 - 30 - 300 - 1500 kg

AGRI ATS

Solution of Thiosulfate of Ammonia

Composition	Nitrogen (N) Ammonia	12%
	Sulfur trioxide (SO_3) soluble in water	65%

Technical Features

AGRI ATS has a high sulfur content which, by binding to Ammonia Nitrogen, does not allow the reduction and loss to leaching and volatilization. When released into the soil, the high sulfur content of **AGRI ATS** has an acidifying action that helps to make available all the nutrients locked in the soil, increasing the CSC and fertility of soil.

Physical Characteristics

Specific gravity 1,33 pH of 1% solution 7,2

Methods of usage and dosages

Do not mix **ATS AGRI** with strong acids. The product is mixable with liquid and powder NPK fertilizer.

Foliar applications:

Fruit trees: 3-5 lt / ha to facilitate thinning action.
(Apple trees): 1-1.2 l / hl in 2 divided in 2 applications. The first when the flowers on the old plant are in full bloom. The second when the flowers on the new wood plant are full bloom.

Root applications via irrigation or sprinkling :

Arboreal: 400 lt / ha from restart of vegetative growth divided into 3-4 applications.
Vegetables: 400 lt / ha from taking root divided into 5-6 applications.
Ornamental flowers: 300 lt / ha from taking root divided into 6-8 applications.

Packaging: 12 - 30 - 270 - 1300 kg

AGRI KTS

Potassium Thiosulfate solution

Composition	Potassium oxide (K_2O) soluble in water	25%
	Sulfur trioxide (SO_3) soluble in water	42%

Technical Features

The potassium content in **AGRI KTS** enters the synthesis of sugars and proteins and improves production and organoleptic characteristics of fruit. The sulfur present in **AGRI KTS** ,thanks to its acidifying action, frees nutrients in the soil from insoluble compounds thus increasing the CSC and soil fertility. **AGRI KTS** reduces the salinity of the soil and leads to increased drought resistance in plants.

Physical Characteristics

Specific gravity 1,47 pH of 1% solution 7,7

Methods of usage and dosages

Do not mix **AGRI KTS** with acidic formulations. The product is mixable with liquid and powder NPK fertilizers.

Root applications (distributed in fractional form):

Fruit trees: 300-400 kg / ha from fruit enlargement divided into 3-4 times.
Horticulture: 300-350 kg / ha from fruit or clump formation, divided into 3-4 times.
Ornamental flower: 250-300 kg / ha from formation of buds divided into 5-6 times.

Packaging: 15 - 30 - 300 - 1500 kg

AZOTO SLOW

Nitrogen fertilizer solution with urea formaldehyde

Composition	Nitrogen (N) Total	27,5%
	Including Nitrogen (N) urea	11,5%
	Nitrogen (N) urea formaldehyde	16%
	Nitrogen (N) urea formaldehyde soluble in cold water	5%
	Nitrogen (N) urea formaldehyde in hot water soluble	9,6%

Technical Features

AZOTO SLOW is an innovative liquid nitrogen fertilizer with slow-release nitrogen, ideal for grain and cereals in general. **AZOTO SLOW** consistently provides the right nutrients to the plant at the stage of greatest development. It gives extremely positive yield results in terms of quantity and quality.

Physical Characteristics

Specific gravity 1,2 pH of 1% solution 9-9,5 Conductivity 1‰ or 0,01

Methods of usage and dosages

Foliar applications:

Wheat: tilling, doffing, 20-30 l / ha
NB: Do not use **AZOTO SLOW** with strobilurin-based fungicides.

Packaging: 12 - 30 - 270 - 1300 kg

N 26

Nitrogen fertilizer solution with sulfur

Composition	Nitrogen (N) total	26%
	Of which: Nitrogen (N) Nitric	6%
	Nitrogen (N) Ammonia	8%
	Nitrogen (N) Urea	12%
	Sulfur trioxide (SO^3) soluble in water	13%
	Zinc (Zn) soluble in water	0,01%

Technical Features

N 26 is an innovative liquid nitrogen fertilizer with slow-release nitrogen, ideal for grain and cereals in general. **N 26** consistently provides the right nutrients to the plant at the stage of major development. It gives extremely positive results in terms of quantity and quality due to the high concentration of soluble sulfur which promotes protein synthesis. Crops with straw(wheat) the sulfur has the capacity to increase the amount of protein and then a specific
increase of the grain (barleycorn). **N 26** contains zinc to stimolate the development meristematic of bud and roots which improve the growth

Physical Characteristics

Specific gravity 1.30 pH of 1% solution 7,40 Conductivity at 1‰ 1,39

Methods of usage and dosages

Application of **N26** are recomended during periods of maximum vegetative growth; constant use promotes protein synthesis, and increased production.

Foliar applications:

Wheat: In the phase of weeding: 50-60 kg / ha
In the phase of ear emergence: 30 Kg / ha

Packaging: 15 - 30 - 300 - 1500 kg

ALIFOL Cu

Solution NK 15-3 with Copper (Cu) with low Chlorine and Biuret base

Composition	Nitrogen (N) total	15%
	Nitrogen (N) Ureic	15%
	Potassium oxide (K_2O) soluble in water	3%
	Water soluble copper (Cu)	0,25%
	Copper (Cu) chelated with EDTA	0,25%
	Chelating agent: EDTA. PH range that guarantees a good stability of the chelated fraction: 4-9	

Technical Features

ALIFOL Cu is in fertilizer with a high nutritional activity, containing completely chelated copper. **ALIFOL Cu** distributed at the critical moment of flowering stimulates the plant's metabolism, increasing its self-defense against various pathogens. **ALIFOL Cu** guarantees the maturation of a plant in perfect nutritional condition, increasing its productivity.

Physical Characteristics

Specific weight: 1.21 Kg / lt pH of the 1% solution: 6.7 Conductivity at 1% (mS / cm): 1.08

Methods of usage and dosages

Foliar applications:

Wheat: combined with weeding: 10-15 lt/ha; in earning: 15-20 lt/ha
Corn: combined with weeding: 5-10 lt/ha; in flower: 10-12 lt/ha
Sugar beet: 4-8 leaves combined with anti-spotting fungicides: 10-12 lt/ha
Soybean, sunflower: to growth: 10-12 lt/ha
Rape: out of the winter: 10-12 lt/ha
Citrus fruits, olive tree: at critical moments and mixed with fungicides: 5-6 lt/ha
Vine: 3-4 applications throughout the vegetative cycle until veraison: 5-6 lt/ha
Pear tree, apple tree, kiwi: 3-4 applications during fruit growth: 5-6 lt/ha
Vegetables, strawberries: 2-3 applications during fruit growth: 5-6 lt/ha
Tomatoes, potatoes: 2-3 applications during the growth phase: 10-12 lt/ha

Packaging: 1,2 - 6 - 12 - 30 kg

WATER-SOLUBLE FERTILIZERS WITH MICRO

FOR A BALANCED GROWTH

HYDROSOL 20-20-20

Mixture of water soluble NPK with chelated micronutriente (low level of chlorine and biureth)

Composition		
	Nitrogen (N) total	20%
	of which: nitrogen (N) Nitric	5,6%
	Nitrogen (N) Ammonia	3,9%
	Nitrogen (N) urea	10,5%
	Phosphorus pentoxide (P_2O_5) soluble in water	20%
	Potassium oxide (K_2O) soluble in water	20%
	Boron (B) water-soluble boric acid	0,05%
	Copper (Cu) EDTA chelated	0,01%
	Iron (Fe) chelated EDTA	0,02%
	Manganese (Mn) chelated EDTA	0,01%
	Molybdenum (Mo) EDTA chelated	0,001%
	Zinc (Zn) chelated by EDTA	0,02%
	Chelating agent EDTA stable at pH 4-9	

Technical Features

HYDROSOL 20-20-20 fertilizer is a soluble powder containing a perfect balance of nitrogen, phosphorus and potassium (1:1:1) with readily available chelated micronutrients for the development and growth of plants. **HYDROSOL 20-20-20** can be applied by irrigation or foliar application on all fruit crops, vegetables, flowers, industrial and nurseries from the earliest stages of vegetative growth to fruit enlargement. It is particularly suitable for all crops that require balanced and long-lasting nutrition.

Physical Characteristics

pH of 1% solution 5,3 Conductivity at 1‰ 0,88

Methods of usage and dosages

HYDROSOL 20-20-20 is compatible with most pesticides. Avoid combinations with sulfur, mineral oils, copper-based products and products with an alkaline reaction.

Foliar applications:

Fruit and Citrus, Grapes and Kiwi: 200-300 gr / hl
Vegetables: 150-250 gr / hl
Flowers: 100-200 gr / hl.
Industrial crops: 300-400 gr / hl
Reduce dosage by 20% for greenhouses

Root applications:

Fruit and Citrus, Grapes and Kiwi: 30-50 kg / ha
Vegetables: 3-6 kg/1000 sqm
Flowers: 3-5 kg/1000 sqm
Industrial crops: 30-60 kg / ha

Packaging: 2,5 - 5 - 25 kg

HYDROSOL 8-10-45

Mixture of water soluble NPK with chelated micronutriente (low level of chlorine and biureth)

Composition		
	Nitrogen (N) total	8%
	of which: Nitrogen (N) Nitric	8%
	Phosphorus pentoxide (P_2O_5) soluble in water	10%
	Potassium oxide (K_2O) soluble in water	45%
	Boron (B) water-soluble boric acid	0,05%
	Copper (Cu) EDTA chelated	0,01%
	Iron (Fe) chelated EDTA	0,02%
	Manganese (Mn) chelated EDTA	0,01%
	Molybdenum (Mo) EDTA chelated	0,001%
	Zinc (Zn) EDTA chelated	0,02%
	Chelating agent EDTA stable at pH 4-9	

Technical Features

HYDROSOL 8-10-45 is a powdered water-soluble fertilizer with high potassium content made up of soluble and readily assimilated elements for use on both leaves and roots.
Recommended where you want to improve ripening, color, sugar content, size, shelf life and provide greater resistance to adversity.
The chelated trace elements present in the product help the plant to combat micro deficiencies. A high quality product, completely soluble, which when used in recommended doses, produces excellent results

Physical Characteristics

pH of 1% at 5,99 Conductivity 1‰ or 1,25

Methods of usage and dosages

HYDROSOL 8-10-45 is compatible with most pesticides. Avoid combinations with sulfur, mineral oils, copper-based products and products with an alkaline reaction.

Foliar applications:

Fruit and Citrus, Grapes and Kiwi: 150-250 gr / hl
Vegetables: 150-250 gr / hl
Flowers: 100-200 gr / hl.
Industrial crops: 150-250 gr / hl
Reduce greenhouse dosages by 20%

Root applications:

Fruit and Citrus, Grapes and Kiwi: 30-50 kg / ha
Vegetables: 3-6 kg/1000 sqm
Flowers: 3-5 kg/1000 sqm
Industrial crops: 30-60 kg / ha

Packaging: 2,5 **-** 5 - 10 - 25 kg

HYDROSOL 10-20-30

Mixture of water soluble NPK with chelated micronutrients (low level of chlorine and biuret)

Composition	Nitrogen (N) total	10%
	of which: Nitrogen (N) nitric	6%
	Nitrogen (N) ammoniacal	4%
	Phosphorus pentoxide (P_2O_5) soluble in water	20%
	Potassium oxide (K_2O) soluble in water	30%
	Boron (B) water-soluble boric acid	0,05%
	Copper (Cu) EDTA chelated	0,01%
	Iron (Fe) chelated EDTA	0,02%
	Manganese (Mn) chelated EDTA	0,01%
	Molybdenum (Mo) EDTA chelated	0,001%
	Zinc (Zn) EDTA chelated	0,02%
	Chelating agent EDTA stable at pH 4-9	

Technical Features

HYDROSOL 10-20-30 fertilizer is a water soluble powder with a high content of nutrients which provides nitrogen, phosphorus and potassium, together with the presence of chelated micronutrients. The use of **HYDROSOL 10-20-30** is recommended from the early vegetative stages up to enlargement and ripening of fruit. **HYDROSOL 10-20-30** promotes the development, growth, productivity and quality of production.

Physical Characteristics

pH of 1% solution: 5,50 Conductivity at 1‰: 1,23

Methods of usage and dosages

HYDROSOL 10-20-30 is compatible with most pesticides. Avoid combinations with sulfur, mineral oils, copper-based products and products with an alkaline reaction.

Foliar applications:

Fruit and Citrus, Grapes and Kiwi: 200-300 gr / hl
Vegetables: 150-250 gr / hl
Flowers: 100-200 gr / hl.
Industrial crops: 300-400 kg / hl.
Reduce greenhouse dosage by 20%

Root applications:

Fruit and Citrus, Grapes and Kiwi: 50-100 kg/ha every 8-10 days.
Vegetables: 5-10 kg/1000 sqm every 8-10 days.
Horticultural: kg/1000 5-10 sqm every 8-10 days.
Industrial crops: 50-100 kg / ha every 8-10 days.

Packaging: 2,5 - 5 - 10 - 25 kg

HYDROSOL 13-9-25 + 6MgO

Mixture of water soluble NPK with chelated micronutrients (low level of chlorine and biuret)

Composition	Nitrogen (N) total	13%
	of which:Nitrogen (N) nitric	7%
	Nitrogen (N) ammoniacal	1,5%
	Nitrogen (N) ureic	4,5%
	Phosphorus pentoxide (P2O5) water-soluble	9%
	Potassium oxide (K2O) water-soluble	25%
	Magnesium oxide (MgO) water-soluble	6%
	Boron (B) water-soluble boric acid	0,05%
	Copper (Cu) EDTA chelated	0,01%
	Iron (Fe) EDTA chelated	0,02%
	Manganese (Mn) EDTA chelated	0,01%
	Molybdenum (Mo) EDTA chelated	0,001%
	Zinc (Zn) EDTA chelated	0,02%
	Chelating agent EDTA stable at pH 4-9	

Technical Features

HYDROSOL 13-9-25+6MgO is a powder fertilizer to high solubility and rich of potassium with chelated micronutrients basic for the development and growth of plants. **HYDROSOL 13-9-25+6MgO** encourages the plants water balance and formation of carbon-hydrates rancing in accumulation in storage organs: phenomena that relate to the maturation of the fruit. The use of **HYDROSOL 13-9-25+6MgO** is advised to improve maturation, coloring, sugar levels, size and shelf life.

Physical Characteristics

pH of 1% solution: 6,02 Conductivity at 1‰: 1,0

Methods of usage and dosages

HYDROSOL 13-9-25+6MgO is compatible with most pesticides. You should always carry out small tests to check compatibility. To ensure maximum absorption of **HYDROSOL 13-9-25+6MgO** treatments should not be applied during the hottest hours of the day.

Foliar applications:

Fruit and Citrus, Grapes and Kiwi: 150-250 gr / hl
Vegetables: 150-250 gr / hl
Raspberry: 3-6 kg/1000 m²
Flowers: 100-200 gr / hl.
Industrial crops: 150-250 gr / hl.
Reduce greenhouse dosage by 20%

Root applications by irrigation:

Fruit and Citrus, Grapes and Kiwi: 30-50 kg / ha
Raspberry and **Vegetables**: 5-6 kg/1000 m²
Flowers: 3-5 kg /1000 m²
Industrial crops: 50-100 kg / ha every 8-10 days.
Turfgrass: 3-6 kg/1000 m²
Plants nursery: 30-50 kg / ha

Packaging: 2,5 - 5 - 25 kg

HYDROSOL 14-7-14 + 14CaO

Mixture of water soluble NPK + CaO with microelements with a low content of Chlorine and Biuret

Composition		
	Nitrogen (N) total	14%
	of which: Nitrogen (N) Nitric	10%
	Nitrogen (N) Ammonia	1,4%
	Nitrogen (N) Ureic	2,6%
	Phosphoric anhydride (P_2O_5) soluble in water	7%
	Potassium oxide (K_2O) soluble in water	14%
	Calcium Oxide (CaO) soluble in water	14%
	Boron (B) water-soluble	0,05%
	Copper (Cu) EDTA chelated	0,01%
	Iron (Fe) chelated EDTA	0,02%
	Manganese (Mn) chelated EDTA	0,01%
	Molybdenum (Mo) EDTA chelated	0,001%
	Zinc (Zn) EDTA chelated	0,02%
	Chelating agent EDTA stable at pH 4-9	

Technical Features

FERTSOL 14-7-14+14CaO is a high solubility crystalline fertilizer that provides nitrogen, phosphorus, potassium and calcium with microelements. The use of **FERTSOL 14-7-14+14CaO** is indicated immediately after fruit formation; the calcium present in **FERTSOL 14-7-14+14CaO** improves the construction of cell walls during cell multiplication, thus determining the formation of more consistent tissues, improving the preservability of the fruits and their manipulation.

Physical Characteristics

pH of 1% solution: 5,8 Conductivity at 1‰: 0,65

Methods of usage and dosages

HYDROSOL 10-20-30 is compatible with most pesticides. Avoid combinations with sulfur, mineral oils, copper-based products and products with an alkaline reaction.

Foliar applications:

Fruit, citrus fruit, vine, kiwi: 200-300 gr/hl
Vegetables: 200-300 gr/hl
Raspberries:**:** 150-250 gr/hl
Industrial crops: 400-500 gr/hl.
Reduce greenhouse dosage by 20%

Root applications by irrigation:

Fruit and Citrus, Grapes and Kiwi: 30-50 Kg/ha
Raspberries, vegetables: 3-6 Kg/1000m²
Turf: 3-6 Kg/1000m²
Hatchery: 30-50 Kg/ha
Horticultural: 3-5 Kg/1000m²
Industrial crops: 30-60 Kg/ha.

Packaging: 2,5 - 5 - 10 - 25 kg

HYDROSOL 30-15-10

Mixture of water soluble NPK with chelated micronutriente (low level of chlorine and biureth)

Composition		
	Nitrogen (N) total	30%
	of which: Nitrogen (N) Nitric	3%
	nitrogen (N) Ammonia	3%
	Nitrogen (N) Urea	24%
	Phosphorus pentoxide (P_2O_5) soluble in water	15%
	Potassium oxide (K_2O) soluble in water	10%
	Boron (B) water-soluble boric acid	0,05%
	Copper (Cu) EDTA chelated	0,01%
	Iron (Fe) chelated EDTA	0,02%
	Manganese (Mn) chelated EDTA	0,01%
	Molybdenum (Mo) EDTA chelated	0,001%
	Zinc (Zn) EDTA chelated	0,02%
	Chelating agent EDTA stable at pH 4-9	

Technical Features

HYDROSOL 30-15-10 fertilizer is a water soluble powder with a high content of nutrients that gives the crop a high content of nitrogen, phosphorus and potassium, together with fully chelated trace elements. **HYDROSOL 30-15-10** is ideal to be administered from the early vegetative stages up to enlargement and ripening of the fruit. **HYDROSOL 30-15-10** promotes the plant development and growth, productivity and product quality.

Physical Characteristics

pH of 1% at 5.8 Conductivity 1‰ or 0,72

Methods of usage and dosages

HYDROSOL 30-15-10 is compatible with most pesticides.
Avoid combinations with sulfur, mineral oils, copper-based products and products with alkaline reactions.

Foliar applications:

Fruit and Citrus, Grapes and Kiwi: 200-300 gr / hl
Vegetables: 150-250 gr / hl
Flowers: 100-200 gr / hl.
Industrial crops: 300-400 gr / hl
Reduce dosage by 20% for greenhouses.

Root applications:

Fruit and Citrus, Grapes and Kiwi: 30-50 kg / ha
Vegetables: 40-50 kg / ha
Flowers: 3-5 kg / ha
Industrial crops: 40-60 kg / ha

Packaging: 2,5 - 5 - 10 - 25 kg

HYDROSOL 9-45-12

Mixture of water soluble NPK with chelated micronutriente (low level of chlorine and biureth)

Composition		
	Nitrogen (N) Total	9%
	of which: Nitrogen (N) Ammonia	9%
	Phosphorus pentoxide (P_2O_5) soluble in water	45%
	Potassium oxide (K_2O) soluble in water	12%
	Boron (B) water-soluble boric acid	0,05%
	Copper (Cu) EDTA chelated	0,01%
	Iron (Fe) chelated EDTA	0,02%
	Manganese (Mn) chelated EDTA	0,01%
	Molybdenum (Mo) EDTA chelated	0,001%
	Zinc (Zn) chelated by EDTA	0,02%
	Chelating agent EDTA stable at pH 4-9	

Technical Features

HYDROSOL 9-45-12 is a powdered water-soluble fertilizer with readily assimilated high phosphorus content that thanks to the presence of ammonia nitrogen, guarantees the absorption through both leaves and roots. The phosphorus is all immediately available for the crop. The use of **HYDROSOL 9-45-12** is particularly suitable for fertilizing in the initial stage, at the restart of vegetative growth, during the rooting of fruit crops, horticulture, ornamental and nursery, until the formation of the fruit. In trees however, apply after harvest to accumulate reserve substances. **HYDROSOL 9-45-12** stimulates flowering and grafts.

Physical Characteristics

pH of 1% solution: 5,06 Conductivity at 1‰: 1,06

Methods of usage and dosages

HYDROSOL 9-45-12 is compatible with most pesticides. Avoid combinations with sulfur, mineral oils, copper-based products and products with an alkaline reaction.

Foliar applications:

Fruit and Citrus, Grapes and Kiwi: 200-300 gr / hl
Vegetables: 150-250 gr / hl
Flowers: 100-200 gr / hl.
Industrial crops: 300-400 gr / hl
Reduce greenhouse dosage by 20%

Root applications by irrigation:

Fruit and Citrus, Grapes and Kiwi: 30-50 kg / ha
Vegetables: 3-6 kg/1000 sqm
Flowers: 3-5 kg/1000 sqm
Industrial crops: 30-60 kg / ha

Packaging: 2,5 - 5 - 10 - 25 kg

PRODUCTS WITH A BASIS OF CALCIUM

TO IMPROVE THE CONSISTENCY AND PRESERVATION

AGRI Cal

Liquid organic nitrogen-based mineral fertilizer with calciuim, magnesium, and boron

Composition	Nitrogen (N) total	10%
	Nitrogen (N) nitric	9%
	Nitrogen (N) organic	1%
	Boron (B) water soluble	0,1%
	Calcium Oxide (CaO) soluble in water	15%
	Organic carbon (C) of biological origin	3%

Technical Features

AGRI Cal is a liquid nitrogen fertilizer with high purity magnesium, calcium and boron for use on leaves and roots. Nitrate nitrogen is quickly absorbed by the leaves due to the presence of boron. **AGRI Cal** is recommended for prevention and treatment of several nutritional physiological disorders including bitter pit, phylloptosis, physiological dryness, etc.. **AGRI Cal** also has high healing power for micro-fractures caused by various factors. Due to the presence of calcium, **AGRI Cal** increases the resistance and expansion capacity of the cell walls, thus improving the shelf life and resistance to handling of fruits. **AGRI Cal** optimizes nitrogen nutrition all year round even at low temperatures.

Physical Characteristics

Specific gravity 1.53 pH of 1% solution 5,2 Conductivity 1‰ or 0.80

Methods of usage and dosages

AGRI Cal is compatible with most fertilizers. You should always carry out small tests to check compatibility. The treatment must not be applied during the hottest hours of the day.

Foliar applications:

Horticulture: 400-600 cc / hl every 10 days.
Flower and ornamental: 200-300 cc / hl every 10 days.
Fruit trees: 4-6 l / ha every 7 days. Run the first treatment in late flowering, continuing until fruiting
Reduce dosage by 30% for greenhouses

Root applications:

Fruit trees and Nuts, Citrus: 200-300 kg / ha from the end of allegation 4-5 separate applications.
Horticultural fruit: 15-25 kg/1000sqm from the end of allegation 3-4 separate applications10 days apart.
Leafy Vegetables: 10-15 kg/1000 sqm from pre-head closing, 2-3 separate applications every 7 days.

Packaging: 1.5 - 6 - 12 - 30 - 300 kg

LIGNOCAL

Liquid Calciuim-based fertilizer with LSA

Composition	Calcium Oxide (CaO) soluble in water	15%
	Calcium Oxide (CaO) in a total of Complexing agent: LSA	12%
	stable pH 3-7	

Technical Features

LIGNOCAL chloride-free fertilizer has a high calcium content complexed with Ammonium lignosulfonate (LSA). **LIGNOCAL** is designed to prevent and treat physiological disorders related to calcium deficiency including bitter pit, physiological dryness, apical Rot. **LIGNOCAL** acts on the water balance of plant tissues, the calcium intake increases the shelf life of fruits and increases manipulation resistance. It also decreases sensitivity to post-harvest rots.

Physical Characteristics

Specific gravity 1,4 pH of 1% solution 6,5

Methods of usage and dosages

LIGNOCAL is compatible with most pesticides. You should always carry out small tests to check compatibility. Treatments must not be applied during the hottest hours of the day.

Foliar applications:

Pome: 4-6 lt / ha every 7 days. Run the 1st treatment at the end of flowering and up to fruiting.
Stone Fruit and Vine: 4-6 lt / ha every 10-15 days from veraison to fruit formation.
Fruit vegetable: 300-500 cc / hl at first stage of fruit set at intervals of 10 days.
Leafy Vegetables: 300-500 cc / hl 4-true leaves at intervals of 10 days.
Reduce dosage for greenhouse by 30%

Root applications via irrigation or sprinkling :

On all crops: 15-20 l / ha at intervals of 8-12 days.

Packaging: 1,4 - 6 **-** 12 - 30 - 270 - 1300 kg

MATURCAL

Corrective a based liquid Calciuim chloride (Permitted in Organic Farming)

Composition	Calcium Oxide (CaO) soluble in water	17%

Technical Features

MATURCAL is a liquid used in fruit and vegetable crops to prevent calcium deficiency. It is also an agent for early ripening of tomatoes, maintaining firmness and protecting it from fungus in case of rain. **MATURCAL** is an excellent disinfectant and healer of wounds caused by hail on all crops.

Physical Characteristics

Specific gravity 1.33 pH of 1% solution : 6,7 Conductivity 1‰ or 1,0

Methods of usage and dosages

To ensure maximum absorption of **MATURCAL** treatments should not be applied during the hottest hours. Avoid combinations with sulfur, oils and alkalis. **MATURCAL** is miscible with most fungicides and insecticides. You should always carry out small tests to check compatibility.

Foliar applications:

Pome and stone fruits: 350 cc/hl starting 15 days after petal fall, gradually increasing doses up to 750 cc/hl.
Vegetables: 1 kg / hl every 10 days during fruit growth.
As tomato ripener: the product should be used at 80-120 kg / ha in total, usually divided into two equal applications: the first 8 days before harvest, the second 2 days later. If the vegetation is still too lush at harvest time, increase the dosage of the first application by 20-30% and apply it during the hottest hours of the day.
As repair agent on crops that were damaged by hail at a dose of 2kg/hl.
Reduce dosage by 30% for greenhouses.

Packaging: 6 - 12 - 30 - 270 - 1300 kg

AGRISAL

Chelated Calcium Root Liquid

Composition	Calcium Oxide (CaO) soluble in water Complexed with EDTA, Gluconic acid, Eptagluconico acid, Lignosulfonate acid	11%

Technical Features

AGRISAL is a calcium-organic complex that is particularly suitable for root surgery with irrigation to provide continuous calcium and organic acid and to balance saline-sodium soils with excess water or salt. The organic component of **AGRISAL** causes sodium ions (Na) or free water in the exchange complex in the ground to swap with Ca ions thereby lowering the salinity.

Physical Characteristics

Specific gravity 1,35 pH of 1% solution 6,3 Conductivity 1%o or 0,71

Methods of usage and dosages

Corrector of saline-sodium soils: in fertigation 40-80 l / ha.
Corrector of saline waters: in the absence of analysis of 15-70 cc / m^3.

Packaging: 1,4 - 6 **-** 12 - 30 - 270 kg

AGRISPRINT

Simple mineral nitrogen liquid fertilizer (CaO) 14

Composition	Nitrogen (N) Total	8,5%
	Nitrogen (N) Nitric	8,5%
	Calcium Oxide (CaO) soluble in water	14%

Technical Features

AGRISPRINT is a nitrogen and calcium oxide based fertilizer. Calcium accounts for 70-90% of the C.S.C. of soil and despite being a Meso-element it is absorbed in large quantities by nearly all crops. Its presence and availability are essential in fruit and vegetable crops to strengthen the cell walls, to neutralize organic acids and to regulate the absorption of nitrogen and iron. The acid reaction facilitates the mobility and the absorption of calcium even in higher pH soils. **AGRISPRINT** optimizes nitrogen nutrition in all seasons, even at low temperatures and in excessively wet soils.

Physical Characteristics

Specific gravity 1.5 pH of 1% solution 3,5 - 4

Methods of usage and dosages

AGRISPRINT is compatible with most fertilizers. It 's always advisable to carry out small tests to verify its compatibility with other products. **AGRISPRINT** should never be missing in the early stages of post-fruit set and fruit enlargement.

Root applications:

Fruit and vegetables, flowers: on young plants up to 1 gr / l in the final solution.
On mature plants, the dose may reach 2 gr / l
Seasonal dose to be spread over several applications is 40-60 kg/1000 m².

Packaging: 15 - 30 – 300 - 1500 kg

CALMAG

Mineral fertilizer containing calciuim and magnesium

Composition	Nitrogen (N) total	9%
	Nitrogen (N) nitric water soluble	9%
	Calcium Oxide (CaO) soluble in water	10%
	Magnesium oxide (MgO) water soluble	5%

Technical Features

Calmag is a powdered water-soluble nitrogen fertilizer containing magnesium and calcium with purity for applications leaves and roots. **Calmag** is advised to prevent and cure some physiopathlogies nutritional like pockmarks, phylloptosis, drying of the spine of the vine. **Calmag h**as a high healing power thanks to calcium it increases the resistance of the cell walls by improving the consistency shelf life of fruits and their manipulation, reducing the phenomena of cracking. **Calmag** also optimises the nitrogen nutrition of all seasons, even with low temperature.

Physical Characteristics

Specific gravity 1,50 pH of 1% solution 6,0 Conductivity 1‰ or 0.82

Methods of usage and dosages

Calmag is compatible with most fertilizers. It 's always advisable to carry out small tests to verify its compatibility with other products.

Foliar applications:

Fruit trees: 400-500 cc / hl every 7 days. Run the first treatment until the end of flowering and continue up to fruiting
Vegetables: 2-3 l / ha
Flowers: 200-300 cc / hl every 10 days
Reduce dosage for greenhouse by 30%

Root applications:

Fruit trees, vine and citrus: 200-300 kg / ha from the end of fruit set, divided into 4-5 operations.
Fruiting vegetables: 20-30 kg/1000 sqm from post fruit set divided into 3-4 operations 10 days apart
Leafy Vegetables: 15-20 sqm kg/1000 from pre-split head closing divided into 2-3 operations 7 days apart.

Packaging: 1,5 - 6 **-** 12 - 30 - 270 - 1300 kg

CALCIOLID

Chelated Calcium EDTA Leaf

Composition	Calcium (Ca) soluble in water	10%
	Calcium (Ca) EDTA	10%
	Chelating agent EDTA stable at pH 3-7	

Technical Features

CALCIOLID is a calcium-based powder product used to prevent shortage of salt and control nutrient content. Thanks to the action of calcium in chelated form, and characterized by a high absorption capacity, the product allows for increased strength and expansion of cell walls. **CALCIOLID** improves the shelf life and handling properties of fruits.

Physical Characteristics

Soluble powder

Methods of usage and dosages

CALCIOLID is compatible with most fertilizers. Avoid combinations with sulfur, mineral oils, copper-based products and alkaline reaction. The treatments should not be applied during the hottest hours of the day.

Foliar applications:

Fruit trees: 80-100 g / hl every 7 days. Apply the first treatment in late flowering and continue until fruiting.
Vegetables: 100 g / hl 3-4 applications after allegation at intervals of 10 days.
Strawberries: 100-150 gr / hl in 3 applications after allegation at intervals of 10 days.
Reduce dosage for greenhouses by 30%.

Packaging: 1 - 5 kg

SPECIAL PRODUCTS

AGRICITO

Vegetal Bio-regulator

Composition	Total Nitrogen (N) water soluble	3%
	Organic Nitrogen (N) vegetable origin	1,8%
	Water soluble Potassium oxide (K2O)	3,2%
	Organic Carbon (C) biological origin	17,5%

Technical Features

AGRI Cito is a mixture of carbohydrates and vegetables amino acids and is used to improve the qualities and productions through the accumulation of proteins in all parts of the plant. **AGRI Cito** contains simple sugars that directly bring carbohydrates and essential vegetables amino acids to intensify the plant's metabolism. The cytokinins present favor cell division which, with a greater contribution of nutritive elements, leads to a uniformity of the fruits and an increase in size.

Physical Characteristics

Specific gravity 1.20 pH of 1% solution: 5 Conductivity 1‰ or 0.50

Methods of usage and dosages

Foliar applications:

Fruit, Citrus, Vines, Olive, Kiwi: 2 lt/ha, 3 application

Horticoltural: 2 lt/ha, 3 application

Root applications:

All crops: 30-35 l/ha

Packaging: 1 lt

ADESCHIUM

Anti-foaming adhesive

Composition	Silicone emulsions in water

Technical Features

Adeschium is a formula designed to increase the persistence in the solutions of fungicides, insecticides, acaricides and herbicides. It improves their effectiveness lending high adhesive strength by improving the wettability of the active ingredients on the leaves.

Methods of usage and dosages

It should be stored in a protected environment, taking care to avoid sudden changes in temperature and temperatures below 0 degrees C. Add **Adeschium** simultaneously with the dissolution of the products that form the mix. It should be used in doses of 30-60 g / hl of solution.

Adeschium must be shaken before use.

Adeschium is miscible with all the mixtures of pesticides and herbicides.

Packaging: 1 - 5 -10 kg

ADESIVO AGRI

Anti-foam adhesive

Composition Silicone emulsions in water

Technical Features

ADHESIVE AGRI is a formulation studied in order to increase the persistence in the solutions of fungicides, insecticides, acaricides and herbicides, as it accentuates their efficacy giving them a high adhesiveness improving the wettability of the active ingredients on the leaves.

Methods of usage and dosages

ADHESIVE AGRI should be stored in a protected environment, taking care to avoid temperature changes and temperatures below 0 degrees. At the same time, add the products forming the mixture. It should be used in doses of 50-100 gr / hl of solution.

AGRI ADHESIVE is miscible with all pesticides and herbicides

Packaging: 1 - 5 -10 kg

ACIDO SOLFORICO

Product for cleaning micro-irrigation systems

Composition	Sulfur trioxide (SO3) soluble in water aqueous solution of H2SO4	40%

Technical Features

ACIDO SOLFORICO is used as an acidifier and foremost, when irrigation is with ferrous water, to prevent or remove deposits of iron from the micro-sprinklers or drip irrigation systems.

Physical Characteristics

Specific gravity 1,1

Methods of usage and dosages

Careful handling required. In case of contact with hands or other parts of the body wash with copious water and consult a doctor

Root applications:

3-5 kg / ha per treatment, or 0.3 to 1% (0.3 to 1 kg / m^3 of water) depending on the iron content of irrigation water.

Packaging: 12 - 30 - 250 - 1200 kg.

ACIDO NITRICO

Nitric Acid 52%

Composition	Nitrogen (N) total	11%
	Nitrogen (N) Nitric	11%
	Aqueous solution of HNO3 36 Be	

Technical Features

ACIDO NITRICO carries nitrogen in nitric form and acts as a buffer for the bicarbonates dissolved in water. **ACIDO NITRICO** as acidifier helps correct the pH of the solution and maintains clean irrigation lines.

Physical Characteristics

Specific gravity 1,3 pH 1.5 as it stands

Methods of usage and dosages

Careful handling is required. In case of contact with hands or other parts of the body wash with copious water and consult a doctor.

Root applications:

5-10 kg / ha per treatment.

As an acidifier of the nutrient solution intended for the roots, from 0.4 to 1.3 kg / m^3 of water depending on the pH.

Packaging: 12 - 30 - 250 - 1200 kg.

IPOCLORITO DI SODIO

Product for cleaning micro-irrigation systems

Composition	Active chlorine	14-15,5% p/v

Technical Features

Solution of active chlorine to combat algae growth and clogging by iron in the drippers.

Physical Characteristics

Specific gravity 1,11

Methods of usage and dosages

Careful handling required. In case of contact with hands or other parts of the body wash with copious water and consult a doctor.

The product must be used alone.

To prevent the fouling of iron and the formation of algae, 120 cc. per cubic meter of water.

Packaging: 12 - 30 kg.

ACIDO CITRICO

Acidifier for use in agriculture

Composition Citric acid soluble in water 99%

Technical Features
ACIDO CITRICO is an acidifier for solutions of fertilizer and pesticide or cosmetic treatments.

Physical Characteristics
Soluble powder

Methods of usage and dosages
Careful handling is required. In case of contact with hands or other parts of the body wash with copious water and consult a doctor.

Foliar applications:
The quantities hl are a function of pH
All cultures: 30-50 g / hl

Root applications:
The dosages depend on the pH of water and the fertilizers.

Packaging: 1 - 5 - 25 kg

BIOSIL

Antistress mineral natural product

Composition Kaolin 95%

Technical Features
BIOSIL is subjected to a heat treatment called calcination that allows to obtain both a high degree of brightness and a very fine particle size (<1.5 micron).
BIOSIL determines a greater refraction of infrared and ultraviolet rays, decreasing, on crops, heat stress and sun damage caused by sunburn. **BIOSIL** deposits a thin layer of mineral particles that protect crops When applied to plants, a dry white film is formed. **It is essential to ensure complete, uniform and continuous coverage throughout the period of possible damage.**
BIOSIL promotes a lowering of the temperature of the plants, with possible anticipations or delays in ripening. Pumice and stone fruit can have delays of 3-7 days, especially in colder climates.

Methods of usage and dosages
1) Slowly add the BIOSIL powder to the water in the sprayer tank, ensuring that the mixture continues to be vigorously stirred. It is not recommended to pour the BIOSIL into the tank of a sprayer without an appropriate stirrer. Do not pour BIOSIL into the tank of an agitator-free sprayer. Mix meticulously.
2) Add any plant protection products.
3) Continue to stir for the entire time spraying of the product.
4) At the end of the treatment, spray until the sprayer is empty and wash the nozzles with clean water.

Generally it is recommended to use BIOSIL alone, however if you have to mix it with other products, it is advisable to make small essays to verify the compability.
Add phytosanitary to the mixture only after incorporating kaolin

We recommend the use of BIOSIL at concentrations between 2.5-5kg / hl of water with intervals not exceeding 7 days.

Application volume and coverage: the volume of application water per hectare varies according to the foliar density of the crop and must be such as to wet just the surface of the leaves and the fruit.

Packaging: 20 kg.

MINERAL FERTILIZERS

AGRI MAP

Mono-ammonium phosphate

Composition	Nitrogen (N) Total	12%
	of which: Nitrogen (N) Ammonia	12%
	Phosphoric anhydride (P_2O_5)	61%

Technical Features

AGRI MAP is a fertilizer with high phosphorus content, can rapidly and completely dissolve in water, specially designed for use in irrigation of all crops and with any type of plant.

AGRI MAP provides a high amount of phosphorus that results in so-called starter effect, ie the rapid liberation of the crops planted or sown directly in the field and the prompt resumption of vegetative tree crops. The available nitrogen in the ammonia form, retained by the absorbency of the soil, can promote the absorption of phosphorus and promote growth with sustainable effects.

Recommended use

AGRI MAP falls in fertigation programs on soil and crops in soilless culture. We recommend using **AGRI MAP** at the start of vegetative growth when the plant requires high quantities of phosphorus to induce the formation of a well-developed root system for field crops or to favor the resumption of radical herbaceous annual or tree crops.

In combination with other nitrate nitrogen-based fertilizers, in nutrient solution ensures a good relationship between NO3/NH4 for any crop. **AGRI MAP** is completely miscible with water soluble fertilizers to all except those containing calcium or magnesium. Particular care should be taken to the water quality, acidification using where necessary.

Packaging: 25 Kg

AGRI MKP

Phosphate mono-potassium

Composition	Phosphoric anhydride (P_2O_5)	52%
	Potassium oxide (K_2O)	34%

Technical Features

AGRI MKP fertilizer is more concentrated in phosphorus and potassium. Its use is indicated where irrigation is not necessary or recommended intake of nitrogen. Free of chlorine, **AGRI MKP** fertilizer is among the most suitable for intensive cultivation, floriculture, horticulture, and fruit. Completely soluble in water, low salinity, is recommended for irrigation and for the preparation of nutrient solutions in all intensive production systems on soil and soilless, hydroponic crops in both open and closed system.

AGRI MKP is perfectly mixable with all fertilizers do not contain water-soluble calcium and magnesium. It'compatible with most foliar application of pesticides.

Methods of usage and dosages

We recommend using **AGRI MKP** beginning of the crop cycle, when the plants have high demands of phosphorus to encourage root growth, then towards the end of the growing season to promote the ripening of fruits. **AGRI MKP** for the preparation of concentrated stock solutions should not be mixed with fertilizers containing calcium (Ca) and magnesium (Mg).

Packaging: 25 kg

AGRI UP
Urea phosphate

Composition	Total nitrogen (N)	18%
	of which: nitrogen (N) urea	18%
	Phosphoric anhydride (P_2O_5)	44%

Technical Features
AGRI UP is a unique product because it is the only strong acid present in crystalline form. Contains 18% nitrogen and 44% phosphorus, and offers advantages over other forms of phosphorus increased solubility, enhanced absorption of micronutrients, increased efficiency of phosphorus, reducing the water content of bicarbonates, risk prevention occlusion of micro irrigation systems, reducing the risks of manipulation of liquid acids.
AGRI UP, thanks to its acidity makes the nutrients more available for absorption, especially in the presence of calcareous soils. This results in an increase in photosynthesis and therefore greater productivity of crops.
AGRI UP is an important product for irrigation due to its high solubility. His power allows it to acidulant used especially in the presence of hard water, that is rich in calcium carbonate and magnesium bicarbonate neutralizes. **AGRI UP** leaving the nozzles and drip irrigation systems free of scale.

Recommended use
AGRI UP is used in fertigation or as acidic as it is in the preparation of nutrient solutions. **AGRI UP** is not recommended in hydro inert substrates such conditions is limited because the process of mineralization of urea.

Packaging: 25 Kg

AGRI SOP
Potassium sulphate

Composition	Potassium oxide (K_2O) water soluble	52%
	Sulfur trioxide (SO_3) water soluble	46%

Technical Features
Potassium sulphate is the fertilizer with the lowest salinity content. For this reason it's the most secure fertilizer to use on delicate crops, sensitive to salinity, or such as vegetable, fruit crops and flower ones. **Potassium sulphate** brings only two nutritive elements at crops. Sulphur in the form of sulphate, and potassium both free of clorides.

Physical Characteristics
Solubility in distilled water at 20°C: 13% pH at 1%o solution in distilled water at 20°C: 2.7

Methods of usage and dosages
Avoid to mix with any products that contain calcium.
Never exceed the peek concentration of 100 gr/liter in concentrated solution; potassium sulphate doesn't lower the temperature of dissolution, like potassium nitrate does. To help dissolution its advised to use warm water and mix with agitators.

Packaging: 25 kg

NITRATO POTASSICO
Potassium nitrate

Composition	Nitrogen (N) total	13%
	of which Nitrogen (N) nitric	13%
	Potassium oxide (K2O) soluble in water	46%

Technical Features
Potassium nitrate is a pure fertilizer made up of nutritional element essential for the development of crops, in a ready form assimilable as constitued of nitrogen in a nitric form and potassium with out chlorides. The characteristics which make it essential for the nutrition of crops are solubility in water, the synergetic effect in absorbment of its two elements and above all the relation of 1.3,5 between nitrogen and potassium (relation in which most crops give a good production)

Packaging: 25 Kg

NITRATO DI MAGNESIO
Magnesium nitrate - formulation flakes

Composition	Total nitrogen (N)	10,5%
	of wich: Nitrogen (N) urea	10,5%
	Magnesium oxide (MgO) soluble in water	15,5%

Technical Features
Magnesium nitrate is a good source of magnesium, as it facilitates the nitric nitrogen absorption and assimilation. **Magnesium nitrate** is available in the form of flakes, to reduce its natural hygroscopicity and improve the problems of storage and its use. Its high degree of purity and solubility make it a highly efficient fertilizer for fertigation, foliar applications and for the preparation of nutrient solutions in soilless culture. And 'amply demonstrated the importance of magnesium in plant nutrition. Magnesium is an essential nutrient for the plant as a key component of chlorophyll. Plays an important role in the photosynthetic process in the synthesis of proteins, fats and carbohydrates, and the composition of the enzymes important in catalytic reactions. **Magnesium nitrate** is the best source of magnesium and nitrogen for proper practice of intensive irrigation.

Methods of usage and dosages
Magnesium nitrate be dissolved and administered in a tank with a drip line, dividing the number of possible applications.
The removal of magnesium varies between 10 and 35 kg / ha. In fertigation this amounts to about 100/350 kg / ha of **Magnesium nitrate**. This quantity must be applied several times. The concentration in the irrigation water should not exceed 1.5 grams per liter of **Magnesium nitrate.**

Foliar application
The best time for foliar application in the early morning and evening, when temperatures are lower. It 'best to avoid spraying plants under water stress. The **Magnesium nitrate** is compatible with most pesticides and fertilizers. However we always recommend testing a small budget.

Packaging: 25 kg

SOLFATO DI MAGNESIO
Flakes

Composition	Water-soluble magnesium oxide (MgO)	16%
	Sulfur trioxide (SO_3) soluble in water	32%

Technical Features
MAGNESIUM SULPHATE is a highly water-soluble fertilizer suitable for foliar, root and fertigation of all crops. **MAGNESIUM SULPHATE** is composed of Magnesium and Sulfur, two fundamental secondary macroelements. Magnesium is a constituent element of the chlorophyll molecule that creates synergies with all the nutrients, particularly phosphorus and potassium. Sulfur is an essential element for soil fertility and plant life which is involved in the formation of protein substances, vitamins and organic compounds.

Physical Characteristics
Ph Of the 1% solution: 7.4 Conductivity at 1% (mS / cm): 0.95

Methods of usage and dosages
Use is recommended in combination with 10-15 lt / ha of **AGRIAMMIN Plus** or **AGRIVIVA** to facilitate the assimilation of the product.
MAGNESIUM SULPHATE is miscible with most pesticides. It is advisable to always make small essays to check compatibility. To ensure maximum leaf assimilation of **MAGNESIUM SULPHATE** treatments must be done during the coolest hours of the day.

Foliar application
All crops: From post set, 2-3 times every 10 days, 8-10 Kg/ha

Root application
Fruit crops, kiwi, citrus fruits, vines: 2-3 times from vegetative growth, 100-150 Kg/ha
Horticultural: 2 times every 30 days, 10-15 Kg/1000m²

Packaging: 25 Kg

CLORURO DI POTASSIO
Potassium chloride

Composition	Potassium oxide (K2O) total water soluble	60%
	Chlorine (Cl)	50%

Technical Features
POTASSIUM CHLORIDE is a fertilizer with a basis of potassium and chlorine, reccomanded for extensive crops subjected to frequent washing out, thanks to its solubility and to high content (60%).

Physical Characteristics
Soluble a distilled water to 20°C: 31% pH at 1%o solution in distilled water 20°C: 6.7

Methods of usage and dosages
POTASSIUM CHLORIDE is used to fertiliz some outground crops, as tomatoes, were in the nutritive solution is requested an increasement of the saltiness, to improve organoleptic properties of the product.
POTASSIUM CHLORIDE is a technical product of absolute purness and total soluble, free from impurity.

Packaging: 25 kg

NITRATO DI CALCIO
Calcium nitrate

Composition	Nitrogen (N) total	15,5%
	of wich: Nitrogen (N) Nitric	15,5%
	Calcium Oxide (CaO)	27%

Technical Features
CALCIUM NITRATE is the nitrogen fertilizer with most rapid effect, ideal for fertilization on all crops. Thanks at is solubility it can be used in condition of poor ground humidity and perform on plants a quick and energetic action on the vegetative development, even in adverse conditions such as cold, humid or excessively dry. The action held by Calcium on the consistency of vegetables tissue, on the color and organoleptic standards, improves significantly the quality of the productions, reduces the product losses due to rotting in post-harvest and increases the preservation of the production. **CALCIUM NITRATE** is also the ideal fertilizer for crops that need a “quick push” in the vegetative phase, but do not wish residual of nitrogen in the stage of maturation of the fruit (tomatoes,tobacco, melon, horticultural and fruit in general).

Methods of usage and dosages
Application of **CALCIUM NITRATE** on fruit crops even in fruit setting up to veraison, improves the marketable quality of fruits(Brix, color, consistency, preservation in post-harvest and helps prevent physiological disorders of calcium defiency.

Packaging: 25 Kg

SOLFATO AMMONICO
Ammonium sulphate

Composition	Nitrogen (N) total	21%
	of wich: Nitrogen (N) Ammonia	21%
	Sulfur trioxide (SO3) soluble in water	60%

Technical Features
AMMONIUM SULPHATE contains ammoniacal nitrogen and for so its action is totally progressive and lasting because it isnt washed out by rain. **AMMONIUM SULPHATE** due to the presence of sulfur, exerts an acidifyng action in the groundand therefore is reconnended to fertilizer the calcareous lands and to mobilize the calcium contentin the soil by making nutrients more available ti plants. Of fundamental importance is the substantial presence of sulfur (65% SO3) wich produces quality products with a high content of vitamins. **AMMONIUM SULPHATE** thanks to it’s components is useful for the nutrition of plants and improving soil characteristics.

Packaging: 25 kg

NITRATO AMMONICO 34%

Ammonium nitrate

Composition	Nitrogen (N) total	34%
	of wich: Nitrogen (N) Nitric	17%
	Nitrogen (N) Ammonia	17%

Technical Features

AMMONIUM NITYRATE is the fertilizer with a higher nitrogen content, in ready effect and it is a nitrogen source for use in irrigation. The nitrogen forms of ammonium nitrate are half nitric and ammoniacal it is a product totally soluble in water, with a high rate of solubilisation.

Packaging: 25 Kg

UREA TECNICA

Technical urea - Low Biuret content

Composition	Nitrogen (N) total	46%
	of wich: Nitrogen (N) ureic	46%

Technical Features

TECHNICAL UREA is the number one with nitrogenous fertilizer. Is the result of a unique process route that ensures unequalled pureness and uniformity of granulometry, making the product unique in the field of fertilizers based on ureic nitrogen. **TECHNICAL UREA** is characterized by a low concentration of biuret, is indicated for use in leaf fertilization.

Methods of use

TECHNICAL UREA is used on several crops, both leaves and root, and in different environments, and is particularly advised when you want to follow the policies of high efficiency of the reduced use of environmental impact of nitrogen fertilization, with high quality yields.

Packaging: 25 kg

GARDEN PRODUCTS

AGRI GARDEN G

Organic mineral fertilizer N-P-K with a low continent of chlorine with microelements

Composition	Nitrogen (N) total	9%
	Of which: Nitrogen (N) organic soluble in water	2%
	Nitrogen (N) ammonia soluble in water	4,5%
	Nitrogen (N) urea soluble in water	2,5%
	Phosphorus pentoxide (P2O5) sol. in neutral ammonium citrate and water	6%
	Phosphorus pentoxide (P2O5) sol. Water	3%
	Potassium oxide (K2O) total water soluble	14%
	Magnesium oxide (MgO) soluble in water	2%
	Zinc (Zn) soluble in water	0,012%
	Copper (Cu) metal soluble in water	0,02%
	Sulfur trioxide (SO3) soluble in water	25%
	Organic carbon (C)	7,5%

Technical Features

AGRI GARDEN G is a granular fertilizer for vegetables, fruit trees, meadows and lawns, gardens and ornamental plants that tanks to nutritional elements fertilizes optimally and extended in time without any loss to leaching. Thanks at the organic substance related to nutrients, it has a slow release of them during its transformation (4month action).

Methods of usage and dosages

Vegetables gardens and gardens: in the ground at a depth of about 5 cm., early spring 5-7 kg/100 m², early autumn 4-5 kg/100 m².

Ornamental plants and fruit plants: mix **AGRI GARDEN G** with the soil in the hole of transplant; for diameters

up to 30 mm.= 20-30 gr.
up to 60 cm.= 60-80 gr.
up to 90 cm.= 120- 150 gr.

Ornamental plants and fruit plants: deploy on the ground inside the foliage:

small 40-50 gr/plant,
medium 80-100 gr/plant,
big 150-200 gr/plant. in 2 applications

Vegetables: incorporate in to the groud 8-10 kg/100 m² of product and spread at 5-10 cm of depth on all the field prepared for growing (for the coulture with lorger growth cycle apply twice).
Turfgarden and meadows: spring 4-6 kg/100 m², summer 3-4 kg/100 m², autumn 4-5 kg/100 m².

Packaging: 5 kg

AGRI GARDEN BLU

Gritty micro fertilizerN-P-K(15-9-15) with a low contenent of clorine

Composition	Nitrogen (N) total	15%
	Of which: Nitrogen (N) Ammonia	5,5%
	Nitrogen (N) urea	3%
	Nitrogen (N) from urea formaldehyde	6,5%
	of which:soluble in cold water	1%
	soluble in hot water	3%
	Phosphorus pentoxide (P2O5) total	9%
	of which: Phosphorus pentoxide (P2O5) sol. in neutral ammonium citrate and water	9%
	Phosphorus pentoxide (P2O5) sol. Water	7%
	Potassium oxide (K2O) total water soluble	15%
	Magnesium oxide (MgO) soluble in water	2%
	Sulfur trioxide (SO3) soluble in water	18%
	Iron (Fe) Total	0,8%

Technical Features

AGRI GARDEN BLU is a micro-granular fertilizer for vegetables, **f**ruit trees, meadows and lawns, gardens and ornamental plants that tanks to Urea formaldehyde, fertilizes optimally and extended in time (4month action) without any loss to leaching.

Methods of usage and dosages

Vegetables gardens and gardens: in the ground at a depth of about 5 cm., early spring 4-6 kg/100 m², early autumn 2-4 kg/100 m².

Ornamental plants and fruit plants: mix **AGRI GARDEN BLU** with the soil in the hole of transplant; for diameters

up to 30 mm.= 10-30 gr.
up to 60 cm.= 40-80 gr.
up to 90 cm.= 100- 150 gr.

Ornamental plants and fruit plants: deploy on the ground inside the foliage:

small 20-30 gr/plant,
medium 50-100 gr/plant,
big 100-200 gr/plant. in 2 applications; the first before leaf falling, second one after the formation of fruit.

Vegetables: incorporate in to the groud 6-8 kg/100 m² of product and spread at 5-10 cm of depth on all the field prepared for growing (for the coulture with lorger growth cycle apply twice).
Turfgarden and meadows: spring 3-5 kg/100 m², summer 3-4 kg/100 m², autumn 3-5 kg/100 m².

Packaging: 5 kg