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PAVONI SPA

**PRODUCT
CATALOGUE**



To ensure the correct use of the products please follow what indicated on the labels. It is always recommended to carefully read the label before using the product with special attention to safety indications and procedures. Dosage always depends on different factors (plant's age, growth stage, climatic conditions, temperature, etc) and can be increased or decreased according to your requirements. The chosen quantities can be supplied in one application or, even better, in two or more applications.

A close-up photograph of a person's hands holding a small mound of dark soil with a young green plant sprout growing from it. The person's face is blurred in the background. The text "BRIGHT CROP NUTRITION" is overlaid in white, centered on the image.

BRIGHT CROP NUTRITION



OUR COMPANY

Pavoni&C Spa is one of the largest players in Italy for the **production and sale of specialty fertilizers**.

The strong partnership with SQM, the world's largest producer of potassium nitrate, ensures continuous supplies of this important salt that SQM obtains from extensive natural resources located in the Atacama Desert: Caliche and Salar brines.

Caliche is a sedimentary rock very rich in minerals and salar brines are endless sources of this precious salt that is obtained from the vast evaporation ponds with sustainable solar energy.



Helping
farmers to
feed the world





Our world class facilities are capable of producing water soluble, granular and foliar fertilizers with high technical value.

The long experience in the specialty fertilizers, together with a sales network made of experienced agronomists and a team of skilled technical experts, can provide qualified field assistance providing to farmers, in addition to high quality formulations, the right advice necessary for obtaining high yields.

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Organic product 





GROWTH
SYSTEMS





ALGAFLUID

VEGETAL BIOSTIMULANT FOR ORGANIC FARMING.

ALGAFLUID, entirely obtained from vegetal constituents has a biostimulant action improving the plants growth especially in case of difficult climatic conditions. ALGAFLUID helps nutrients intake and it's promptly absorbed. It moves rapidly from the leaves surface to the cells increasing the metabolic activity of the plant.

COMPOSITION

ALGAFLUID	
Organic nitrogen (N)	1%
Organic carbon (C)	10%
Potassium oxide (K ₂ O)	6%
Betaine	1%

PACKAGING



Tanks
Kg 6



Do not mix with acid products.

DOSAGE AND USAGE PROCEDURES



FOLIAR APPLICATIONS

Citrus, Top Fruit, Grapes	200-300 g/hl
Kiwi	300-400 g/hl
Field and Greenhouse Vegetables	300-400 g/hl
Floriculture, Ornamentals	150-300 g/hl



FERTIGATION

Algafluid	10-15 kg/ha
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FABAX

LIQUID BIO-STIMULANT OF VEGETABLE ORIGIN FROM ENZYMATIC HYDROLYSIS OF FABACEAE TISSUES.

Natural plant biostimulant, obtained by enzymatic hydrolysis of plant tissues, **FABAX** has an intense biological activity thanks to the high content of bioactive substances such as triacontanol, free vegetable amino acids and other plant extracts that influence numerous metabolic processes of plants. Designed for the initial stages of vegetative development of fruit and vegetable crops, FABAX stimulates the activity of the enzymes that regulate the main reactions of carbon metabolism and the absorption and assimilation of nitrogen, thus promoting photosynthesis, flowering and fruit set even in times of stress. The enzymatic and hormonal regulation also allows the plants to produce a greater number of fruits, to limit the fruit drop, favouring an increase in final production.

COMPOSITION

FABAX	
Total amino acids	5%
Free amino acids	1,5%
Degree of hydrolysis	30%
Triacontanol	6 mg/kg

PACKAGING



Bottles
Kg 1



Tanks
Kg 6



DOSAGE AND USAGE PROCEDURES



FOLIAR APPLICATIONS

Citrus, Top Fruit	250-300 g/hl
Grapes	150 - 250 g/hl
Kiwi	300-400 g/hl
Olive	150-250 g/hl
Ortive	150-250 g/hl
Floriculture, Ornamentals	1 kg/1000 m ²



FERTIGATION

Fabax	10-15 kg/ha
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GREENPLUS

**NITROGEN ORGANIC LIQUID FERTILIZER CONTAINING
A CONCENTRATED EXTRACT OF BROWN ALGAE AND
CO-FORMULANT OBTAINED FROM ENZYMATIC HYDROLYSIS.**

GREENPLUS is a specific action fertilizer of vegetable origin. The presence of a concentrated extract of brown algae and specific substances for the phases of enlargement and ripening allow to optimize production yields and increase the size of the fruit. Thanks to the specific action on cell division and distension, GREENPLUS favours the flowering phase, fruit set and ripening stages. The action of the natural high molecular weight Co-formulant obtained from enzymatic hydrolysis increases the absorption and bioavailability of the nutrients and bio-stimulating substances present.

COMPOSITION

GREENPLUS	
Organic nitrogen (N)	1%
Organic carbon (C)	10%
Organic substance with nominal molecular weight <50 kDa	30%
pH	6,5
The product is added with 1% co-formulant	

DOSAGE AND USAGE PROCEDURES



FOLIAR APPLICATIONS

Citrus, Top Fruit, Grapes	300 g/hl
Kiwi	300-400 g/hl
Field Vegetables	300 g/hl
Greenhouse Vegetables	200 g/hl
Floriculture	200 g/hl

PACKAGING



Bottles
Kg 1



Tanks
Kg 6



FERTIGATION

Greenplus	10 kg/ha
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LEAFEED

ORGANIC FERTILIZER WITH LOW MOLECULAR WEIGHT AMINO ACIDS AND NATURAL AUXINS.

LEAFEED is a natural organic fertilizer containing low molecular weight amino acids, vitamins and auxins easily absorbed by all crops both arboreal and herbaceous. Stimulates growth using the effect of natural enzymes. Particularly suitable in cases of stress due to excess heat or frost. Increases the absorption and efficiency of co-applied fertilizers. The composition of LEAFEED promotes stomatal opening thus improving foliar intake. LEAFEED can be used both as a foliar application and in fertigation systems.

COMPOSITION

LEAFEED	
Total organic nitrogen (N)	6%

PACKAGING



Bottles
Kg 1



Tanks
Kg 6



DOSAGE AND USAGE PROCEDURES



FOLIAR APPLICATIONS

Citrus, Top Fruit, Grapes	300 g/hl
Kiwi	300-400 g/hl
Field Vegetables	300 g/hl
Greenhouse Vegetables	200 g/hl
Floriculture	200 g/hl



FERTIGATION

Leafeed	10 kg/ha
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Mixtures with copper based products to be avoided.

RHIZOSTART

ORGANO-MINERAL NITROGEN LIQUID FERTILIZER.

RHIZOSTART is an organo-mineral fertilizer with a high content of water soluble algae and free amino acids. The presence of oligopeptides, polypeptides, arginates, mannitol, oligosaccharides and plant hormones of natural origin allows an optimal root development and improves absorption of nutrients after transplant, germination phase and at the beginning of the vegetative cycle.

COMPOSITION

RHIZOSTART	
Total nitrogen (N)	8%
Organic nitrogen (N)	4,0%
Nitric nitrogen (N)	2,0%
Ammonium nitrogen (N)	2,0%
Organic carbon (C) of biological origin	11%

DOSAGE AND USAGE PROCEDURES



IN FERTIGATION

Citrus, Top Fruit, Grapes, Olive	4-5 L/ha
Field Vegetables, Strawberry, Ornamentals	10-15 L/ha
Greenhouse Vegetables	1kg/1000 mt

PACKAGING



Bottles
Kg 1



Tanks
Kg 5



Mixtures with copper based products to be avoided.

SIZE-UP

BIOSTIMULANT.
SEAWEED SOLUTION WITH MANGANESE (Mn) AND ZINC (Zn).

Natural biostimulant formulated for fruit setting and all growth phases characterized from a strong intake of consistent quantities of metabolites, phytohormones and calcium by the plant. **SIZE-UP** stimulates cell multiplication and distension, increasing the fruits size without changing the vegetative equilibrium of the crops.

COMPOSITION

SIZE-UP	
Organic carbon (C) of biological origin	0,2%
Water soluble manganese (Mn)	1%
Water soluble zinc (Zn)	1%
Mannitol	0,7g/l

DOSAGE AND USAGE PROCEDURES



FOLIAR APPLICATIONS

Citrus, Top Fruit	150-200 g/hl
Strawberries, Vegetables	100-200 g/hl
Olive	100-200 g/hl
Kiwi, Table grapes	200-300 g/hl

PACKAGING



Bottles
Kg 1



Tanks
Kg 5





STIMOLEAF

ORGANIC FLUID FERTILIZER.

STIMOLEAF is a natural bio-stimulant high in amino acid content derived from the hydrolysis of animal proteins. STIMOLEAF is formulated to increase vegetative growth, especially applicable after unfavorable climatic conditions (frosts, strong winds, hail, etc.).

COMPOSITION

STIMOLEAF	
Organic nitrogen (N)	8,2%
Organic carbon (C)	24,6%
C/N ratio	2,7
Average molecular weight	1500 Da
Glycine ratio (proline + hydroxyproline)	1,1
Hydrolysis on dry matter	>330
Free amino acids	>10%

PACKAGING



Bottles
Kg 1



Tanks
Kg 6



Mixtures with copper based products to be avoided.

DOSAGE AND USAGE PROCEDURES



FOLIAR APPLICATIONS

Citrus, Top Fruit, Grapes	300 g/hl
Kiwi	300-400 g/hl
Field Vegetables	250 g/hl
Greenhouse Vegetables	300 g/hl
Floriculture	300 g/hl



FERTIGATION

Stimoleaf	10 kg/ha
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FOLIAR



AMINOSPRAY

ORGANIC LIQUID FERTILIZER WITH AMINO ACIDS FROM ENZYMATIC HYDROLYSIS.

A latest generation organic fertilizer made of low molecular weight amino acids, peptides and peptones formulated for repeated foliar treatments to all crops, horticultural and arboreal. The amino acids contained are indispensable for the crop's life, not only as nutrients but also as catalysts of enzymatic activities essential for plant metabolism. Proteins are a vital constituent of animal and plant life; in the latter being indispensable for vegetative growth, flowering and fruit formation. Starting with nitrogen, water and air photochemical processes convert these raw materials initially into amino acids; subsequently peptides and proteins are formed. This requires time and significant use of the crop's energy intake. **AMINOSPRAY**, supplying readily absorbed peptides and peptones accelerates protein formation and increases the productive capacity of the treated crops. Nutrient penetration into the tissues is also enhanced reducing stress due to climatic factors and/or pesticide treatments.

The product can be used both as a foliar application and in fertigation systems.

COMPOSITION

AMINOSPRAY	
Total nitrogen (N)	9%
Organic nitrogen (N)	9%
Biological organic carbon (C)	25%

AMINOGRAM (gr/100 gr of amino acids)

Aspartic acid	5,70	Leucine	3,72
Glutamic acid	10,42	Lysine	4,46
Alanine	8,93	Methionine	0,74
Arginine	5,95	Proline	13,97
Cysteine	0,37	Serine	1,73
Phenylalanine	2,48	Tyrosine	1,48
Glycine	25,31	Threonine	0,99
Hydroxyproline	8,18	Tryptophan	0,37
Isoleucine	1,48	Valine	2,48
Istidine	1,24		

DOSAGE AND USAGE PROCEDURES

Top Fruit, Grapes, Olive	300 g/hl
Floriculture and Greenhouse Vegetables	200 g/hl
Field Vegetables	250 g/hl
Cereal	4-5 kg/ha

PACKAGING



Bottles
Kg 1



Tanks
Kg 6-30



Avoid mixtures with copper-based products.



BIOCAL

CALCIUM BASED LIQUID FERTILIZER.

BIOCAL is formulated to ensure a high nutrition in calcium coformulated with protein extracts helping the crops to develop their natural defence system. The plants are more resistant and promptly overcome all the types of stress. The high content in calcium improves the colour and texture of the fruits increasing production yields.

COMPOSITION

BIOCAL	
Calcium oxide (CaO) water soluble (coformulated with proteinic extracts)	12%

DOSAGE AND USAGE PROCEDURES

Fruit trees, Vegetables	150-200 g/hl (foliar)
Horticultural crops	150-200 g/hl (foliar) 5-10 kg/ha (fertigation)

PACKAGING



Bottles
Kg 1



Tanks
Kg 6



Do not mix with fertilizers containing phosphorous.



BOROFLUID

LIQUID FERTILIZER CONTAINING BORON AS ETHANOLAMINE SALT.

BOROFLUID is formulated to prevent and cure boron shortages caused by imbalances and deficiencies in the assimilation of this element.

Boron is essential for the crop's development and deficiency leads to decreased production, poor vegetative growth and loss of quality in the fruits. Boron moves poorly inside the crop and therefore has to be supplied as a preventative treatment. BOROFLUID can be used both as a foliar application and in fertigation systems.

COMPOSITION

BOROFLUID	
Water soluble boron (B) as ethanolamine salt	11%

DOSAGE AND USAGE PROCEDURES

Citrus, Top Fruit, Grapes	100 g/hl (foliar) 10 kg/ha (fertigation)
Olive	100 g/hl (foliar) 10 kg/ha (fertigation)
Field Vegetables	50-100 g/hl (foliar) 5-10 kg/ha (fertigation)
Floriculture	50-100 g/hl (foliar) 5-10 kg/ha (fertigation)

PACKAGING



Bottles
Kg 1



Tanks
Kg 6



FIXFOL

FIXATIVE FERTILIZER MADE WITH POLYETHER SILICONE SURFACTANT.

FIXFOL is studied to improve the efficacy of agrochemicals and foliar treatments. It guarantees a rapid wetting effect even on difficult surfaces such as waxy and tomentose leaves. **FIXFOL** allows a complete covering of the foliar surface and, thanks to its fixative action, helps permeation of the active ingredients and prevents from rainwash. The high content of zinc and low biuret ureic nitrogen promotes leaves healing reducing treatment's stresses. The formulation is particularly suitable as coadjuvant for herbicide treatments. **FIXFOL** enhances agrochemicals efficacy reducing considerably the losses due to rainwash and evaporation.



A traditional surfactant slightly increases the drop/leaf surface contact.



FIXFOL allows a complete spreading of the drop and guarantees the maximum possible contact surface. The fixative effect prevents losses of active ingredients due to rain-wash.

DOSAGE AND USAGE PROCEDURES

Apply **FIXFOL** in foliar application at the dosage of 200 g per 100 liters water.

PACKAGING



Bottles
Kg 1



Tanks
Kg 6



Do not mix with acid products.
Do not mix with oils and copper based products.

IDROSOL MIX

MICRONUTRIENTS BASED FERTILIZER .

IDROSOL MIX is created to supply micronutrients to all crops, it is particularly indicated in soilless solutions.

COMPOSITION

IDROSOL MIX	
Water soluble boron (B)	2%
Water soluble copper (Cu)	1%
Water soluble manganese (Mn)	13%
Water soluble molybdenum (Mo)	0,8%
Water soluble zinc (Zn)	8%

DOSAGE AND USAGE PROCEDURES

Soilless: 100 g per 100 liters solution	DOSAGES MAY CHANGE DEPENDING ON DIFFERENT CROPS NEEDS
In fertigation: 500 g per 1000 meters	

PACKAGING



Bags
Kg 5



IRON SPRAY

THE LEAVES FERTILIZER.

CHELATED IRON IN SOLUBLE POWDER FORM FOR ALL THE CROPS.

IRON SPRAY is a chelated iron powder formulation to prevent and cure chlorosis by foliar application. The high concentration (11%) rapidly corrects problems caused by iron deficiency and hence increases photosynthetic activity. Applications of **IRON SPRAY** are particularly suitable during phases of vegetative recovery.

COMPOSITION

IRON SPRAY	
Total chelated iron (Fe)	11%
Water soluble iron (Fe)	11%
Chelating agent: DTPA chelate stability pH range	4,0-9,0

DOSAGE AND USAGE PROCEDURES

Citrus, Top Friut, Olive	100-150 g/hl
Grapes	50-100 g/hl
Field and Greenhouse Vegetables	50-100 g/hl
Floriculture	50 g/hl
Turf	100-150 g/hl

PACKAGING



Bags
Kg 1



LEAFINE

**PK FERTILIER WITH PHOSPHITE
AND GROWTH PROMOTERS.**

LEAFINE is a new generation fertilizer that can be applied both in fertigation and in foliar application. Thanks to its innovative formulation LEAFINE is readily absorbed from roots and leaves helping vegetative and root growth. LEAFINE improves the texture of the fruits increasing production yields.

COMPOSITION

LEAFINE	
Phosphate (P_2O_5) soluble in neutral ammonium citrate and water	30%
Water soluble phosphate (P_2O_5)	30%
Water soluble potassium oxide (K_2O)	40%

PACKAGING



Bags
Kg 1



DOSAGE AND USAGE PROCEDURES



FOLIAR

Citrus, Grapes, Vegetables	300 g/hl
Ornamental Plants	200 g/hl



FERTIGATION

Arboreal Crops	20-40 kg/ha
Vegetables	0,5-1 kg per 1000 mt

Do not mix with products containing phosphorus.

MATURATUTTO-L

MATURATION PRECURSOR.

MATURATUTTO-L is an organic fertilizer made with low molecular weight laevorotatory amino acids obtained from enzymatic hydrolysis and with a high content of methionine and phenylalanine.

Methionine is the precursor of ethylene, a vegetal hormone involved in plant germination and fruits maturation. Phenylalanine is the precursor of anthocyanins and flavonols, the pigments responsible for fruits colouration.

Usage of MATURATUTTO-L allows growth enhancement and plants germination, maturation improvement, better fruits size and pigmentation and sugar content. MATURATUTTO-L activates the physiological process and improves the metabolic activity of the plants.

COMPOSITION

MATURATUTTO-L	
Total nitrogen (N)	6,5%
Organic nitrogen (N)	6,5%
Organic carbon (C)	18%

PACKAGING



Bottles
Kg 1



Tanks
Kg 6



DOSAGE AND USAGE PROCEDURES

Citrus, Fruit Trees, Table Grapes	300 g/hl (start the treatment 30 days before harvesting, repeat application after 15 days)
Kiwi	300-400 g/hl (start the treatment 30 days before harvesting, repeat application after 15 days)
Greenhouse Vegetables	300 g/hl (apply during fruits development by treating flower clusters)
Field Vegetables	250 g/hl (start the treatment 30 days before harvesting, repeat application after 15 days)
Strawberries	200 g/hl (start the treatment 30 days before harvesting, repeat application after 15 days)

MESOPLUS

LIQUID FERTILIZER CONTAINING CALCIUM AND MAGNESIUM.

MESOPLUS is a liquid fertilizer with an acid pH and high concentrations of calcium and magnesium to prevent and cure physiological fruit disorders and plant tissue collapse. The balanced ratio between the nitrogen-calcium and magnesium produces stronger cell walls and tissue development helping to prevent premature collapse and retarding ageing. MESOPLUS 24 can be used both as foliar application and in fertigation systems.

COMPOSITION

MESOPLUS	
Total nitrogen (N)	9,5%
Nitric nitrogen (N)	9,5%
Water soluble calcium oxide (CaO)	10,0%
Water soluble magnesium oxide (MgO)	5,0%

DOSAGE AND USAGE PROCEDURES

Citrus	350 g/hl (foliar) 20 kg/ha (fertigation)
Grapes, Pomaceae	300 g/hl (foliar) 20 kg/ha (fertigation)
Field and Greenhouse Vegetables	300 g/hl (foliar) 30 kg/ha (fertigation)
Floriculture	250 g/hl (foliar) 3 kg/1000 mq (fertigation)

PACKAGING



IBC's
Kg 1250



Drums
Kg 250



Tanks
Kg 6-30



Do not mix with fertilizers containing phosphorous.

MICROCLEAN

OXIDIZING CLEANING FORMULATION FOR WATER BASINS AND IRRIGATION SYSTEMS.

Due to its strong oxidizing action, **MICROCLEAN** is formulated to prevent and fight mucilage development in water basins and tanks. It also has a strong disinfectant action against bacteria and mildews removing bad smells in backwaters. **MICROCLEAN** can be employed for cleaning irrigation systems and to prevent nozzles blockage.

PREVENTION AND MAINTENANCE

Irrigation systems cleaning	60-100 cc/mc (treatment duration: 1-2 hrs)
Formation of algae in water basins, rice field	20-50 cc/mc
High concentrations of algae in water basins	150-250 cc/mc
Formation of algae in soilless cultures	20-40 cc/mc
Soil disinfection	300-400 cc/mc

DOSAGE AND USAGE PROCEDURES

Apply MicroClean by using metering pumps with rubber EPDM membranes (avoiding rubber NBR membranes). Acid pumps can be used and, for product concentrations below 5%, also fertigation pumps can be used.

PACKAGING



Bottles
Kg 1



Tanks
Kg 5



NEW-COMPLET

NK FERTILIZER WITH MAGNESIUM AND MICRONUTRIENTS.

NEW-COMPLET is a mineral fertilizer containing macro, meso and microelements obtained by special processing of hi-tech raw materials. The mixture, formulated by Pavoni technical staff, allows balanced foliar nutrition during the most important growth phases. The nutritional capability of NEW-COMPLET is complimented by a combination of auxins, gibberellins and cytokinins. This product accelerates cellular multiplication and stretching, promoting the formation of quality floral clusters even in the coldest months. Treatments with NEW-COMPLET are also beneficial during stress conditions, allowing good pollen production and hence pollination by bees. NEW-COMPLET improves fruit pigmentation, consistency of the cluster tissue and therefore limits the early drop during stripping and pruning. The product can be used on other horticultural crops, mixed with the most common pesticides and foliar fertilizers. There are two products in the NEW-COMPLET range; one specifically formulated for tomatoes, the other for artichokes. NEW-COMPLET can be used both as a foliar application and in fertigation systems.

COMPOSITION

NEW-COMPLET	
Total nitrogen (N)	20%
Nitric nitrogen (N)	6%
Ammonium nitrogen (N)	2%
Ureic nitrogen (N)	12%
Water soluble potassium oxide (K ₂ O)	20%
Water soluble magnesium oxide (MgO)	2%
Water soluble boron (B)	1,4%
Copper (Cu) EDTA chelated	0,5%
Manganese (Mn) EDTA chelated	0,1%
Water soluble molybdenum (Mo)	0,2%
Zinc (Zn) EDTA chelated	0,1%

DOSAGE AND USAGE PROCEDURES

Tomato	200-250 g/hl (foliar) 5-10 kg/ha (fertigation)
Artichoke	300-500 g/hl (foliar) 5-10 kg/ha (fertigation)
Other Vegetables	150-200 g/hl (foliar) 5-10 kg/ha (fertigation)

PACKAGING



Bags
Kg 1-2,5



NU-MIX SPRAY

NITROGEN FERTILIZER WITH MAGNESIUM AND MICRONUTRIENTS.

NU-MIX SPRAY is a foliar fertilizer made from highly pure raw materials. This product contains ureic nitrogen with low amounts of biuret allowing repeated usage on all crops even in periods of vegetative stress. The substantial levels of magnesium, zinc and manganese as chelate completes the nutritional picture.

Moreover the formulation includes a complex of vegetable extracts that facilitates intake of all the nutrients.

NU-MIX SPRAY can be used both as a foliar application and in fertigation systems.

COMPOSITION

NU-MIX SPRAY	
Total nitrogen (N)	18%
Nitric nitrogen (N)	1%
Ureic nitrogen (N)	17%
Water soluble potassium oxide (K ₂ O)	5%
Water soluble magnesium oxide (MgO)	4%
Water soluble iron (Fe) EDTA chelated	2%
Water soluble manganese (Mn)	4%
Water soluble zinc (Zn)	4%
Biuret content less than	0,2%

DOSAGE AND USAGE PROCEDURES

Citrus, Top Fruit	300-500 g/hl
Grapes	300 g/hl
Greenhouse Vegetables	250 g/hl
Field Vegetables	300 g/hl
Floriculture	200-300 g/hl

PACKAGING



Bags
Kg 1-2,5-5



NU-ZIM

**FOLIAR FERTILIZER IN SOLUBLE POWDER FORM
CONTAINING NITROGEN, POTASSIUM, MAGNESIUM,
ZINC AND MANGANESE.**

NU-ZIM is a foliar fertilizer made from highly pure raw materials allowing repeated treatments even at high dosage rates. The significant quantity of ureic nitrogen provides a plentiful supply of this vital element directly from the leaves in those periods when root intake is reduced. The low biuret content (less than 0.2%) allows repeated, problem free use of the product.

The potassium supply is useful in the breathing and transpiration processes regulating the opening and closing of the leaf stomata. Magnesium, zinc and manganese (the micronutrients most usually deficient in crops) complete the nutritional picture. NU-ZIM can be used both as a foliar application and in fertigation systems.

COMPOSITION

NU-ZIM	
Total nitrogen (N)	25%
Nitric nitrogen (N)	1,5%
Ureic nitrogen (N) from low biuret urea	23,5%
Water soluble potassium oxide (K ₂ O)	5%
Water soluble magnesium oxide (MgO)	2%
Water soluble manganese (Mn)	4,5%
Water soluble zinc (Zn)	4,5%
pH 0,1 %	4,16%
Electric conductivity (0,1% at 25° C, mS/cm)	0,89%
Solubility at 25 °C (g/1 H ₂ O)	800

DOSAGE AND USAGE PROCEDURES

Citrus, Olive	750 g/hl
Top Fruit, Grapes	300-400 g/hl
Field and Greenhouse Vegetables	250-300 g/hl

PACKAGING



Bags
Kg 1,5-10



OLIVOSPRAY OLIVOSPRAY-L

FOLIAR FERTILIZERS CONTAINING HIGHLY CONCENTRATED NITROGEN, BORON AND MICRONUTRIENS.

OLIVOSPRAY and **OLIVOSPRAY-L** are studied to increase the total olive production. These formulations ensure a high nutrition in low biuret ureic nitrogen that is readily absorbed by the leaves and Boron, essential for pollen fertility. The products are indicated for foliar applications but they can also be used in fertigation systems.

COMPOSITION

OLIVOSPRAY	
Total nitrogen (N)	20%
Nitric nitrogen (N)	20%
Water soluble potassium oxide (K ₂ O)	10%
Water soluble boron (B)	5%
Water soluble zinc (Zn) EDTA chelated	1%

OLIVOSPRAY-L	
Total nitrogen (N)	14%
Ureic nitrogen (N)	14%
Water soluble phosphate (P ₂ O ₅)	5%
Water soluble potassium oxide (K ₂ O)	7%
Water soluble boron (B)	0,1%
Water soluble copper (Cu) EDTA chelated	0,002%
Water soluble iron (Fe) EDTA chelated	0,02%
Water soluble manganese (Mn) EDTA chelated	0,02%
Water soluble molybdenum (Mo)	0,001%
Water soluble zinc (Zn) EDTA chelated	0,02%

DOSAGE AND USAGE PROCEDURES



FOLIAR APPLICATIONS

Olive	400-500 g/hl
Top Fruit, Grapes, Field and Greenhouse Vegetables	200-300 g/hl



FERTIGATION

Olive	20-30 kg/ha
Top Fruit, Grapes	15-20 kg/ha
Field and Greenhouse Vegetables	2-3 kg per 1000 mt

PACKAGING



Bags
Kg 1-2,5-5



Bottles
Kg 1



Tanks
Kg 6



PHOSPHON-CU

LIQUID NP FERTILIZER CONTAINING COPPER.

PHOSPHON-CU is a foliar fertilizer containing copper, nitrogen and phosphorous. It is particularly recommended for treating the plants during the phases of growth and ripening. The product's mix of ingredients favours the conduction of nutrients to the storage organs of the plant (fruits, seeds, roots). The enhanced conversion to starches and sugars improves the taste, colour and texture of the crop and helps to reduce transit damage. The particular chemical form of the phosphorus helps the plant to produce a greater quantity of natural defence substances becoming more resistant to nutrient imbalances. The high content in copper prevents and cures diseases caused by phytophthora and pythium. The product helps in fighting infections caused by some specific pathogens (*Mycosphae-rella spp.* and *Septoria spp.*).

COMPOSITION

PHOSPHON-CU	
Total nitrogen (N)	4,4%
Nitric nitrogen (N)	2,2%
Ammonium nitrogen (N)	2,2%
Water soluble phosphate (P ₂ O ₅)	14%
Water soluble copper (Cu)	5%

DOSAGE AND USAGE PROCEDURES

Citrus, Fruit trees, Grapes, Strawberries	100-200 g/hl (foliar)
Vegetables	100-200 g/hl (foliar)
Ornamental Plants	5-10 g/mq (foliar)
Arboreal Crops	20-40 kg per ha (fertigation)
Vegetables	0,5-1 kg per 1000 mt (fertigation)

PACKAGING



Bottles
Kg 1



Tanks
Kg 6



Do not mix with acid products.



SEAGROWING

ORGANIC FERTILIZER WITH WATER SOLUBLE EXTRACT FROM BROWN ALGAE (*ASCOPHYLLUM NODOSUM*).

SEAGROWING is a natural product composed of organic substances extracted through a physico-mechanical process from brown algae (*Ascophyllum Nodosum*). This method preserves the activity of natural constituents such as micronutrients, enzymes, vitamins and growth stimulators. SEAGROWING stimulates enzymatic processes acting as natural catalyst to promote balanced growth enabling the crop to fulfil its genetic potential. SEAGROWING is rapidly absorbed by foliar surfaces and moves into the cells increasing metabolic activity. SEAGROWING can be used both as a foliar application and in fertigation systems.

COMPOSITION

SEAGROWING	
Potassium oxide (K ₂ O)	19%
Organic nitrogen (N)	1%
Betaine	0,1%
Mannitol	4%
Organic carbon (C)	20%

DOSAGE AND USAGE PROCEDURES

Citrus, Top Fruit	150 g/hl (foliar)
	5 kg/ha (fertigation)
Grapes	100 g/hl (foliar)
	5 kg/ha (fertigation)
Field and Greenhouse Vegetables	100 g/hl (foliar)
	5 kg/ha (fertigation)
Floriculture	100 g/hl (foliar)
	5 kg/ha (fertigation)

PACKAGING



Bags
Kg 1



SPRAYFEED

**FOLIAR FERTILIZER IN SOLUBLE POWDER FORM
CONTAINING NITROGEN, PHOSPHORUS, POTASSIUM AND CHELATED
MICRONUTRIENTS.**

SPRAYFEED is a formulation particularly suitable for application during phases of vegetative recovery and fruit growth as well as in the prevention and cure of micro nutrient deficiencies or whenever an immediate nitrogen, phosphorous or potassium supply is required.

The particular product formulation, with low-biuret ureic nitrogen and EDTA chelated micronutrients, provides a complete nutritional package and rapid assimilation.

SPRAYFEED can be used both as a foliar application and in fertigation systems.

COMPOSITION

SPRAYFEED	20.20.20	30.10.10	6.40.30
Total nitrogen (N)	20	30	6
Nitric nitrogen (N)	5,7	2,8	1,5
Ammonium nitrogen (N)	3,9	4,0	-
Ureic nitrogen (N)	10,4	23,2	4,5
Water soluble phosphate (P ₂ O ₅)	20	10	40
Water soluble potassium oxide (K ₂ O)	20	10	30
Water soluble boron (B)	0,02	0,02	0,02
Copper (Cu) EDTA chelated	0,02	0,02	0,02
Iron (Fe) DTPA chelated	0,05	0,05	0,05
Manganese (Mn) EDTA chelated	0,03	0,03	0,03
Water soluble molybdenum (Mo)	0,01	0,01	0,01
Zinc (Zn) EDTA chelated	0,01	0,01	0,01
Chelate stability pH range	4,0-9,0		

DOSAGE AND USAGE PROCEDURES

Citrus, Top Fruit, Olive	200-300 g/hl
Grapes	250-300 g/hl
Field and Greenhouse vegetable	200-300 g/hl

PACKAGING



Bags
Kg 1-2,5-5





WATER SOLUBLE

EXCELLENT

LOW pH WATER SOLUBLE FERTILIZERS FOR FERTIGATION CONTAINING READILY AVAILABLE NITROGEN, PHOSPHORUS, POTASSIUM AND MICRONUTRIENTS.

A balanced synthesis of the finest raw materials. Nitrogen is present as nitrate, ammonium and ureic from urea phosphate in which nitrogen losses from leaching and volatilisation are marginal if compared to the losses from urea. Phosphorus mainly comes from urea phosphate to facilitate intake of this element in the presence of hard waters and high pH soils. Potassium is derived from the nitrate, to obtain a quick response from this important nutrient. EDTA chelate microelements complete the nutritional picture. The presence of urea phosphate has the benefit of continuously removing scale encrustations from irrigation systems.

COMPOSITION

EXCELLENT	12.16.32 + micro	12.24.24 + micro	18.9.27 + micro	15.10.30 + micro
Total nitrogen (N)	12	12	18	15
Nitric nitrogen (N)	8	6	8	8,5
Ammonium nitrogen (N)	2	3	2	3
Ureic nitrogen (N)	2	3	8	3,5
Water soluble phosphate (P ₂ O ₅)	16	24	9	10
Water soluble potassium oxide (K ₂ O)	32	24	27	30
Water soluble boron (B)	0,01	0,01	0,01	0,01
Copper (Cu) EDTA chelated	0,002	0,002	0,002	0,002
Iron (Fe) EDTA chelated	0,02	0,02	0,02	0,02
Manganese (Mn) EDTA chelated	0,01	0,01	0,01	0,01
Water soluble molybdenum (Mo)	0,001	0,001	0,001	0,001
Zinc (Zn) EDTA chelated	0,002	0,002	0,002	0,002
pH 0,1%	3,3	3,1	2,9	2,8
Electric conductivity (0,1% at 25 °C, mS/cm)	1,23	1,19	1,29	1,52
Solubility at 25 °C (g/l H ₂ O)	430	540	480	460

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Top Fruit	200-400 kg/ha
Grapes	200-500 kg/ha
Field Vegetables	50-100 kg/ha
Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

PACKAGING



Bags
Kg 25



FERTELITE

LOW pH WATER SOLUBLE FERTILIZERS FOR FERTIGATION CONTAINING READILY AVAILABLE NITROGEN, PHOSPHORUS, AND POTASSIUM.

FERTELITE are produced from highly pure raw materials, a wide product range meeting all the different requirements of the various crops. Phosphorus mainly comes from urea phosphate facilitates the intake of this element in the presence of hard waters. Nitrogen is present as nitrate, ammonium and ureic from urea phosphate and low biuret urea. The acid reaction of the product allows full descaling of irrigation plants and helps the intake of micronutrients especially in the presence of soils with high pH.

COMPOSITION

FERTELITE	8.24.24 + micro	20.7.22 + micro	15.10.25 + micro	16.26.18 + micro	20.20.20 + micro	23.7.23 + micro +2 MgO	9.20.30 + micro
Total nitrogen (N)	8	20	15	16	20	23	9
Nitric nitrogen (N)	1	6	7	5	4	5	5
Ammonium nitrogen (N)	7	5	8	-	-	-	4
Ureic nitrogen (N)	-	9	-	11	16	18	-
Water soluble phosphate (P ₂ O ₅)	24	7	10	26	20	7	20
Water soluble potassium oxide (K ₂ O)	24	22	25	18	20	23	30
Water soluble magnesium oxide (MgO)	-	-	-	-	-	2	-
Water soluble boron (B)	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Copper (Cu) EDTA chelated	0,002	0,002	0,002	0,002	0,002	0,002	0,002
Iron (Fe) EDTA chelated	0,02	0,02	0,02	0,02	0,02	0,02	0,02
Manganese (Mn) EDTA chelated	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Water soluble molybdenum (Mo)	0,001	0,001	0,001	0,001	0,001	0,001	0,001
Zinc (Zn) EDTA chelated	0,002	0,002	0,002	0,002	0,002	0,002	0,002
Electric conductivity (0,1% at 25 °C, mS/cm)	1,43	1,15	1,27	1,13	1,19	1,29	1,23
Solubility at 25 °C (g/l H ₂ O)	380	400	345	460	500	350	430
Chelate stability pH range	4,0-9,0						

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Top Fruit	200-400 kg/ha
Grapes	200-500 kg/ha
Field Vegetables	50-100 kg/ha
Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

PACKAGING



Bags
Kg 25



HYDROCOMPOST PHAST

WATER SOLUBLE NPK FERTILIZERS CONTAINING SULPHUR, MAGNESIUM AND MICRONUTRIENTS.

HYDROCOMPOST PHAST is a water soluble fertilizer made from highly pure raw materials with acid reaction. The acid nature of the product makes it suitable for calcareous and alkaline soils and allows rapid micronutrients absorption. Thanks to its sulphur content (in the shape of SO₃) HYDROCOMPOST PHAST helps synthesise those compounds that enhance fruits taste and colour and enrich their vitamins content. HYDROCOMPOST PHAST is available in different formulations suitable for the crop's different growth stages.

COMPOSITION

HYDROCOMPOST PHAST	8.20.24 +2 MgO + micro	8.30.20 +2 MgO + micro	20.12.16 +2 MgO + micro	5.20.30 +2 MgO + micro	18.18.18 +2 MgO + micro
Total ureic nitrogen (N)	8	8	20	5	18
Water soluble phosphate (P ₂ O ₅)	20	30	12	20	18
Water soluble potassium oxide (K ₂ O)	24	20	16	30	18
Water soluble magnesium oxide (MgO)	2	2	2	2	2
Water soluble sulphur trioxide (SO ₃)	26	16	18	26	16
Water soluble boron (B)	0,01	0,01	0,01	0,01	0,01
Copper (Cu) EDTA chelated	0,002	0,002	0,002	0,002	0,002
Iron (Fe) EDTA chelated	0,02	0,02	0,02	0,02	0,02
Manganese (Mn) EDTA chelated	0,01	0,01	0,01	0,01	0,01
Water soluble molybdenum (Mo)	0,001	0,001	0,001	0,001	0,001
Zinc (Zn) EDTA chelated	0,002	0,002	0,002	0,002	0,002
pH 0,1%	2,5	2,5	2,5	2,5	2,5
Electric conductivity (0,1% at 25 °C, mS/cm)	1,07	1,19	1,38	1,25	1,15
Solubility at 25 °C (g/l H ₂ O)	545	540	465	540	543
Chelate stability pH range	4,0-9,0				

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Top Fruit	200-400 kg/ha
Grapes	200-500 kg/ha
Field Vegetables	50-100 kg/ha
Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

PACKAGING



Bags
Kg 25



GREENLINE

NPK FERTILIZERS FOR FERTIGATION WITHOUT NITRIC NITROGEN.

GREENLINE formulations are studied to ensure nutrition in a readily soluble form without nitric nitrogen and enriched by a mixture of microsulphates.

COMPOSITION

GREENLINE	15.5.30 + micro	20.20.20 + micro	22.12.12 + micro	22.06.16 + micro	8.24.24 + micro	10.20.30 + micro	9.18.27 + micro
Total nitrogen (N)	15	20	22	22	8	10	9
Ammonium nitrogen (N)	5	4	8	8	8	6	9
Ureic nitrogen (N)	10	16	14	14	-	4	-
Water soluble phosphate (P ₂ O ₅)	5	20	12	6	24	20	18
Water soluble potassium oxide (K ₂ O)	30	20	12	16	24	30	27
Water soluble boron (B)	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Water soluble copper (Cu)	0,002	0,002	0,002	0,002	0,002	0,002	0,002
Water soluble iron (Fe)	0,02	0,02	0,02	0,02	0,02	0,02	0,02
Water soluble manganese (Mn)	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Water soluble molybdenum (Mo)	0,001	0,001	0,001	0,001	0,001	0,001	0,001
Water soluble zinc (Zn)	0,002	0,002	0,002	0,002	0,002	0,002	0,002

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Top Fruit	200-450 kg/ha
Grapes	200-550 kg/ha
Field Vegetables	50-150 kg/ha
Greenhouse Vegetables	30-60 kg/ha
Floriculture	30-60 kg/ha

PACKAGING



Bags
Kg 25



IDROSOL

WATER SOLUBLE FERTILIZERS FOR FERTIGATION CONTAINING READILY AVAILABLE NITROGEN, PHOSPHORUS AND POTASSIUM.

A wide product range meeting all the different requirements of the various crops. Rates 1/3/3 and 1/1,5/3 are particularly appropriate as base fertilizers for arboreal crops acting as initiators for blossom production and early fruiting. In vegetable crops they serve to hasten ripening. Their use is recommended where nitrogen requirement is minimal and in crops with multi stage production and ripening. They also increase sugar content, rate of maturation and fruit colouration. Rate 2/1/1 is particularly suitable when an immediate vegetative push is useful to accelerate crop development; for example to stimulate fruit production and enlargement.

Rates 2/0,5/2 and 1,5/0,5/2 are suitable when high nitrogen/potassium ratios are necessary as in the blossom stage and during fruit enlargement. The 1/4,5/1 rate is recommended during early vegetative phases.

COMPOSITION

IDROSOL	8.24.24	9.18.27	8.12.24	24.10.10	22.5.20	16.6.26 +2MgO + micro	10.45.10
Total nitrogen (N)	8	9	8	24	22	16	10
Nitric nitrogen (N)	1	2	4	2	5,85	7	-
Ammonium nitrogen (N)	7	7	4	10	5,65	4,5	10
Ureic nitrogen (N)	-	-	-	12	10,5	4,5	-
Water soluble phosphate (P ₂ O ₅)	24	18	12	10	5	6	45
Water soluble potassium oxide (K ₂ O)	24	27	24	10	20	26	10
Water soluble magnesium oxide (MgO)	-	-	-	-	-	2	-
Water soluble sulphuric trioxide (SO ₃)	5,9	7	18,2	19,5	15,6	14,2	-
Water soluble boron (B)	-	-	-	-	-	0,05	-
Water soluble zinc (Zn)	-	-	-	-	-	0,1	-
pH 0,1%	3,1	3,6	3,9	5,1	4,8	5	3,8
Electric conductivity (0,1% at 25 °C, mS/cm)	1,43	1,56	1,58	0,91	1,10	1,27	1,22
Solubility at 25 °C (g/l H ₂ O)	380	355	320	550	420	345	435

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Top Fruit	200-400 kg/ha
Grapes	200-500 kg/ha
Field Vegetables	50-100 kg/ha
Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

PACKAGING



Bags
Kg 25



MAXI-FEED

WATER SOLUBLE FERTILIZERS FOR FERTIGATION CONTAINING READILY AVAILABLE NITROGEN, PHOSPHORUS, POTASSIUM AND MICRONUTRIENTS.

Formulated with nitrogen, phosphorus, potassium and the most important microelements. These products are made to be fully soluble in water in order to guarantee rapid root intake and irrigation systems working perfectly.

COMPOSITION

MAXI-FEED	20.20.20 + TE	9.18.27 + TE	16.5.30 + TE
Total nitrogen (N)	20	9	16
Nitric nitrogen (N)	6	3	9
Ammonium nitrogen (N)	4	6	5
Ureic nitrogen (N)	10	-	2
Water soluble phosphate (P ₂ O ₅)	20	18	5
Water soluble potassium oxide (K ₂ O)	20	27	30
Water soluble boron (B)	0,01	0,01	0,01
Copper (Cu) EDTA chelated	0,002	0,002	0,002
Iron (Fe) EDTA chelated	0,02	0,02	0,02
Manganese (Mn) EDTA chelated	0,01	0,01	0,01
Water soluble molybdenum (Mo)	0,001	0,001	0,001
Zinc (Zn) EDTA chelated	0,002	0,002	0,002
pH 0,1%	4,9	4,2	4,7
Electric conductivity (0,1% at 25 °C, S/cm)	0,88	1,15	1,24
Solubility at 25 °C (g/l H ₂ O)	520	475	440
Chelate stability pH range	4,0-9,0		

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Top Fruit	200-400 kg/ha
Grapes	200-500 kg/ha
Field Vegetables	50-100 kg/ha
Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

PACKAGING



Bags
Kg 25



At least 5-6 applications are recommended during the entire vegetative cycle of the crop.

MAXI-FEED ROOTGROW

WATER SOLUBLE NPK FERTILIZERS WITH GROWTH PROMOTERS.

The **MAXI-FEED ROOTGROW** range is formulated with highly pure raw materials, fully soluble in water. Formulae are calculated to be highly effective during vegetative phases and in particular during the rooting stage. The common characteristic of the different MAXI-FEED ROOTGROW products is the presence of an amino acid complex that helps the intake of the main nutrients, accelerates rooting and thus overall growth. The MAXI-FEED ROOTGROW range is suitable for the whole cultivation cycle ensuring maintenance of the root system. By this means the crop is ready to overcome climatic and other types of stress.

Hence continual repeated applications are recommended in order to maintain an optimal intake of amino acids and nutrients together with correct growth stimulation.

COMPOSITION

MAXI-FEED ROOTGROW	20.20.20 + TE	6.32.32 + TE	12.32.16 + TE
Total nitrogen (N)	20	6	12
Nitric nitrogen (N)	6	4	4
Ammonium nitrogen (N)	4	2	8
Ureic nitrogen (N)	10	-	-
Water soluble phosphate (P ₂ O ₅)	20	32	32
Water soluble potassium oxide (K ₂ O)	20	32	16
Water soluble boron (B)	0,01	0,01	0,01
Copper (Cu) EDTA chelated	0,002	0,002	0,002
Iron (Fe) EDTA chelated	0,02	0,02	0,02
Manganese (Mn) EDTA chelated	0,01	0,01	0,01
Water soluble molybdenum (Mo)	0,001	0,001	0,001
Zinc (Zn) EDTA chelated	0,002	0,002	0,002
pH 0,1%	5,3	4,98	5,12
Electric conductivity (0,1% at 25 °C, S/cm)	0,848	0,968	1,126
Solubility at 25 °C (g/l H ₂ O)	500	350	420
Chelate stability pH range	4,0-9,0		

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Top Fruit, Grapes	30-50 kg/ha
Field Vegetables	30-50 kg/ha
Greenhouse Vegetables	30-40 kg/ha
Floriculture	30-40 kg/ha

PACKAGING



Bags
Kg 10



MINERAL SOLUBLE

NPK FERTILIZERS FOR FERTIGATION.

MINERAL SOLUBLE line includes specific N.P.K. ratios to support different phenological phases. Formulations with a high content of phosphorus and potassium promote flowering and fruiting by improving the sugar content and fruits colour. Formulations with high nitrogen content are recommended when an immediate vegetative boost is needed to increase plant development. The presence of a mix of chelated micronutrients completes the nutritional picture.

COMPOSITION

MINERAL SOLUBLE	15.9.15 +2 +TE	24.5.16 +2 +TE	0.30.40 +TE	23.15.0 +2 +TE
Total nitrogen (N)	15	24	-	23
Nitric nitrogen (N)	0,5	4	-	-
Ammonium nitrogen (N)	10	4	-	12
Ureic nitrogen (N)	4,5	16	-	11
Water soluble phosphate (P ₂ O ₅)	9	5	30	15
Water soluble potassium oxide (K ₂ O)	15	16	40	-
Water soluble magnesium oxide (MgO)	2	2	-	2
Water soluble boron (B)	0,01	0,01	0,01	0,01
Copper (Cu) EDTA chelated	0,003	0,003	0,003	0,003
Iron (Fe) EDTA chelated	0,02	0,02	0,02	0,02
Manganese (Mn) EDTA chelated	0,01	0,01	0,01	0,01
Water soluble molybdenum (Mo)	0,001	0,001	0,001	0,001
Zinc (Zn) EDTA chelated	0,003	0,003	0,003	0,003
Chelate stability range (pH)	4,0-9,0			

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Top Fruit	200-400 kg/ha
Grapes	200-500 kg/ha
Field Vegetables	50-100 kg/ha
Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

PACKAGING



Bags
Kg 25



PROTOPHOS

LOW pH WATER SOLUBLE FERTILIZER CONTAINING AMMONIUM IONS, PHOSPHORUS AND UREA CHEMICALLY BONDED.

PROTOPHOS is a balanced fusion of phosphates with two forms of nitrogen. The phosphates are linked, by means of proton activity, to ureic nitrogen forming an adduct and, by ionic bonds to ammonium ions. The resultant formulation minimises the loss of nitrogen from the soil in two ways:

- a) by reducing volatilisation to the atmosphere;
- b) by an acidifying effect which deactivates urease enzyme in the soil, slowing down the degradation of urea by hydrolysis. This is particularly beneficial in calcareous soils.

Other significant benefits of using PROTOPHOS are:

- a) The low pH (2.5 in a 0,1% solution) aids in the release of micronutrients from the soil;
- b) This acidity ensures that irrigation systems are kept free of calcium deposits, even in hard water areas. Pipes and nozzles remain blockage-free and there is no need to use hazardous acids for cleaning.

COMPOSITION

PROTOPHOS	
Total nitrogen (N)	14%
Ammonium nitrogen (N)	7%
Ureic nitrogen (N)	7%
Water soluble phosphate (P ₂ O ₅)	54%
pH 0,1%	2,5%
Electric conductivity (0,1% at 25 °C, mS/cm)	1,18%
Solubility at 25 °C (g/l H ₂ O)	520

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Grapes, Top Fruit	100-150 kg/ha
Field Vegetables	50-80 kg/ha
Greenhouse Vegetables	50-80 kg/ha
Floriculture	30-50 kg/ha

PACKAGING



Bags
Kg 25



At least 5-6 applications are recommended during the entire vegetative cycle of the crop.

SOLFONITRATO POTASSICO

SOLUBLE POWDERED FERTILIZER CONTAINING READILY AVAILABLE NITROGEN, POTASSIUM AND SULPHUR.

This is a soluble product with a balanced nutrient content. Contains nitrogen in its most useful forms (nitrate, ammonium). Potassium comes only from nitrate and sulphate - thus guaranteeing the absolute absence of chlorides - and a high sulphur content. **SOLFONITRATO POTASSICO** in solution gives an acidic reaction; this makes the product particularly suitable for calcareous soils and in hard water areas, working also as a descaler for irrigation plants.

COMPOSITION

SOLFONITRATO POTASSICO	
Total nitrogen (N)	12%
Nitric nitrogen (N)	6%
Ammonium nitrogen (N)	6%
Water soluble potassium oxide (K ₂ O)	34%
Water soluble sulphuric trioxide (SO ₃)	30%
pH 0,1%	3,8
Electric conductivity (0,1% at 25 °C, mS/cm)	1,40
Solubility at 25 °C (g/l H ₂ O)	240

PACKAGING



Bags
Kg 25



DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Grapes, Top Fruit	150-300 kg/ha
Field and Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

SOLUFERT

WATER SOLUBLE FERTILIZERS FOR FERTIGATION CONTAINING READILY AVAILABLE NITROGEN, PHOSPHORUS, POTASSIUM AND MAGNESIUM.

SOLUFERT are produced from highly pure raw materials, entirely free of polluting agents like chlorine and sodium. Fully water soluble and hence readily assimilated by the crops' root system. Magnesium, which is a main component in chlorophyll, is present to ensure the crop reaches its full photosynthetic potential. SOLUFERTS is available in five different formulations each one suitable for the crop's different growth stages.

COMPOSITION

SOLUFERT	15.5.30 +2 MgO+micro	22.10.10 +2 MgO	9.18.27 +2 MgO	18.18.18 +2 MgO	20.10+2 + micro
Total nitrogen (N)	15	22	9	18	20
Nitric nitrogen (N)	6	3	3	5	-
Ammonium nitrogen (N)	2,6	8	4,9	4	15,2
Ureic nitrogen (N)	6,4	11	1,1	9	4,8
Water soluble phosphate (P ₂ O ₅)	5	10	18	18	10
Water soluble potassium oxide (K ₂ O)	30	10	27	18	-
Water soluble magnesium oxide (MgO)	2	2	2	2	2
Water soluble sulphoric trioxide (SO ₃)	-	18	-	-	42
Water soluble manganese (Mn)	0,1	-	-	-	0,1
Water soluble zinc (Zn)	0,1	-	-	-	0,1
pH 0, 1%	4,9	5,0	4,4	5,0	5,0
Electric conductivity (0,1% at 25 °C, mS/cm)	1,31	1,28	1,22	0,91	1,58
Solubility at 25 °C (g/l H ₂ O)	440	490	460	520	305

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus, Top Fruit	200-400 kg/ha
Grapes	200-500 kg/ha
Field Vegetables	50-100 kg/ha
Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

PACKAGING



Bags
Kg 25





SOILLESS

FITOEXPERT

SIMPLE SOILLESS SOLUTIONS

Plant nutrition in soilless cultivation is carried out by circulating solutions that contain the right amount of nutrients thus leading to optimum crop growth.

The benefits of soilless cultivation are many:

- Possibility of successful growth on tired or low productivity soils;
- Improvement in yields;
- Standardization of production processes;
- Saving both energy and labour.

CREATE THE MOST SUITABLE NUTRIENT SOLUTION FOR ANY CROP STARTING FROM THE CHARACTERISTICS OF THE WATER EMPLOYED. OUR FITOEXPERT FERTILIZATION PROGRAM, AVAILABLE TO ANYONE ON OUR WEBSITE, ALLOWS TO CALCULATE, SIMPLY AND INTUITIVELY, THE CORRECT RATES TO OBTAIN THE SUITABLE MIXTURE FOR ALL SPECIFIC NEEDS.

➔ WWW.PAVONISPA.IT/EN/FITO-EXPERT/



By mixing different Fitoexpert formulations according to water characteristic and crop type, the best nutrient solution can be obtained at pH 5,5.

**FERTILIZATION
PROGRAM
AVAILABLE ONLINE**





"B" FORMULATIONS - Macronutrients (nitrogen, phosphorus and potassium).

PACKAGING



Bags
Kg 25



"A" FORMULATIONS - Mesonutrients (calcium and magnesium).

PACKAGING



IBC's
Kg 1250



Drums
Kg 250



Tanks
Kg 25



"M" FORMULATIONS - Micronutrients (boron, manganese, zinc, copper, iron, molybdenum).

PACKAGING



Bags
Kg 1







CORRECTIVE
ORGANIC

AMINOSLOW

**LIQUID ORGANO-MINERAL FERTILIZER
WITH SLOW-RELEASE NITROGEN.**

AMINOSLOW organo-mineral fertilizer with a high content of natural organic and synthesised (methylenurea) nitrogen. It allows useful nitrogen nutrition in all vegetative phases. The particular ratio between the various forms of nitrogen provides continuous nutrition for all crops.

The presence of methylenurea (slow release nitrogen) and amino acids (the organic part of the product) gives this formulation unique nutritive characteristics whereby the nitrogen is entirely and gradually available. This is especially beneficial during periods of maximum growth and in conditions of climatic stress.

COMPOSITION

AMINOSLOW	
Total nitrogen (N)	12%
Ureic nitrogen (N)	6%
Organic nitrogen (N)	6%
Methylene-urea nitrogen (N)	4%
Biological organic carbon (C)	25%

DOSAGE AND USAGE PROCEDURES

Citrus, Top Fruit	150 g/hl (foliar) 20-40 kg/ha (in fertigation)
Grapes	100 g/hl (foliar) 30-50 kg/ha (in fertigation)
Field and Greenhouse Vegetables	100 g/hl (foliar) 30 kg/ha (in fertigation)
Floriculture	100 g/hl (foliar) 30 kg/ha (in fertigation)
Cereal	6 kg/ha (foliar)

PACKAGING



Tanks
Kg 6-30



At least 5-6 applications are recommended during the entire vegetative cycle of the crop. In case of foliar use, mixtures with copper based products to be avoided.

ACTIVATORS

TIO-K ACTIVE AND TIO-N ACTIVE

LIQUID FERTILIZERS FOR FERTIGATION CONTAINING NITROGEN, POTASSIUM AND SULPHUR AS THIOSULPHATE ION.

TIO-K Active and TIO-N Active contain sulphur as the thiosulphate ion. This ion has a strong reducing activity towards all the microelements and in particular iron and manganese. Microelements, already contained in the soil or supplied through specific treatments, are quickly oxidised becoming unavailable to the root system. Treatments with thiosulphates can reduce metal oxides making them available for the crop. Tests carried out show that after treatment symptoms of iron chlorosis have been overcome.

Ferric ions (Fe^{3+}) are present in the soil but unavailable to the plant: treatment with thiosulphate ion reduces the iron to ferrous ions (Fe^{2+}) which are readily absorbed by the crop.

ACTIVATORS are available in two different formulations: ammonium thiosulphate and potassium thiosulphate.

COMPOSITION

ACTIVATORS	TIO-N ACTIVE	TIO-K ACTIVE
Total nitrogen (N)	12	-
Ammonium nitrogen (N)	12	-
Water soluble potassium oxide (K_2O)	-	25
Water soluble sulphuric trioxide (SO_3)	65	42

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus	150-200 kg/ha
Top Fruit	100-200 kg/ha
Grapes	100-150 kg/ha
Field Vegetables	30-50 kg/ha
Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

PACKAGING



IBC's
Kg 1300



Drums
Kg 250



Tanks
Kg 30



Do not mix with acid products.

AZOLFO

LIQUID FERTILIZER FOR FERTIGATION CONTAINING READILY AVAILABLE NITROGEN (IN ITS THREE FORMS) AND SULPHUR.

In the majority of fertilizers sulphur is often contained as sulphate an effective but easily leached form, giving an intense but short lasting effect. **AZOLFO** however, contains sulphur as $S_2O_3^{2-}$ in which two sulphur atoms are combined with three oxygen atoms. In the soil the $S_2O_3^{2-}$ ion is transformed into sulphate ions (SO_4^{2-}), readily available to the plant, and elemental sulphur (S), which is absorbed more slowly and resists leaching.

The high “reducing” power of this product allows intake of those nutrients “locked up” in the soil in their oxidized form. The acidification induced during the transformation reactions allows utilization of nutrients made unavailable by calcareous soils. Another important benefit of using AZOLFO is the reduction of nitrogen losses from the soil.

Used in combination with other nitrogen fertilizers it acts as both urease enzyme and nitrification inhibitor, reducing nitrate leaching and ammonia volatilisation and allows a gradual intake of the nitrogen present(*).

The fungistatic effect of sulphur makes AZOLFO a formulation which gives healthier, better nourished crops.

(*) As indicated in the Final Report of the Contract no AIR-CT94-1953 in which are shown the results obtained in the research project on $S_2O_3^{2-}$ carried out by various European Institutes.

COMPOSITION

AZOLFO	
Total nitrogen (N)	17%
Nitric nitrogen (N)	2,0%
Ammonium nitrogen (N)	10,5%
Ureic nitrogen (N)	4,5%
Water soluble sulphoric trioxide (SO_3)	46%

PACKAGING



IBC's
Kg 1300



Drums
Kg 250



Tanks
Kg 30



DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus	150-200 kg/ha
Top Fruit	100-200 kg/ha
Grapes	100-150 kg/ha
Field and Greenhouse Vegetables	30-50 kg/ha
Floriculture	30-50 kg/ha

Do not mix with acid-reacting products.
Avoid hitting vegetation directly.

CALCIO LIQUIDO

**LIQUID FERTILIZER WITH
READILY AVAILABLE CALCIUM.**

CALCIO LIQUIDO contains bivalent calcium easily absorbed by the root system and hence suitable for fertigation. In general calcium shortage appears as visible foliar depigmentation and curling and bending of the leaf blades, especially in younger leaves. Within the plant calcium performs important functions such as organic acid neutralization, cell wall strengthening and regulation of nitrogen and Iron absorption. Calcium shortage leads to decalcification and softening of the cells walls.

COMPOSITION

CALCIO LIQUIDO	
Water soluble calcium oxide (CaO)	13%
Water soluble magnesium oxide (MgO)	2%

PACKAGING



IBC's
Kg 1250



Drums
Kg 250



Tanks
Kg 30



DOSAGE AND USAGE PROCEDURES

Citrus, Top Fruit, Grapes	200-300 g/hl (foliar) 50-150 kg/ha (in fertigation)
Field and Greenhouse Vegetables	200-250 g/hl (foliar) 30-60 kg/ha (in fertigation)
Floriculture	200 g/hl (foliar) 25-50 kg/ha (in fertigation)

Do not mix with fertilizers containing phosphorous.



FERROFORTE, MAXIRON AND EXTRAIRON

EDDHA CHELATE IRON MICRO-GRANULES.

Soluble microgranular formulation of Iron chelated with EDDHA, ethylenediamine (hydroxyphenylacetic) acid. The main characteristic of this product is the presence of the stable ortho-ortho form of the EDDHA chelating agent. Iron chelated with this isomer, once distributed in the soil, is released to the plant even in the case of soils with high pH values becoming essential for the treatment of iron chlorosis, especially in calcareous soils where iron salts are precipitated and locked in the soil, unavailable to the plant. Products applications are suggested all the times that the plants show symptoms of yellowing between the “veins” of the leaves, especially noticeable in young shoots.

Because of this capacity to improve photosynthesis, the chelated iron promotes blooming and better fruit development.

COMPOSITION

FERROFORTE - MAXIRON - EXTRAIRON	
Water soluble chelated iron (Fe)	6%
(MAXIRON) Ortho-Ortho EDDHA	4,8%
(EXTRAIRON) Ortho-Ortho EDDHA	4,2%
(FERROFORTE) Ortho-Ortho EDDHA	3,6%
Chelating agent: EDDHA	
Chelate stability pH range	pH da 3 a 11

DOSAGE AND USAGE PROCEDURES

Citrus, Top Fruit, Olive	20-50 g/plant (preventive) 50-100 g/plant (curative)
Grapes	20-30 g/plant (preventive) 30-75 g/plant (curative)
Strawberry, Turf Vegetable crops	1-2 kg/1000 mt

PACKAGING



Bags
Kg 1-2,5-5



Carton case
Kg 1





HERGOTON PLUS

LIQUID FERTILIZER CONTAINING ORGANIC NITROGEN FROM EPITHELIUM.

HERGOTON PLUS consists of low to medium molecular weight amino acids derived from the hydrolysis of animal proteins. These amino acids are rapidly and completely absorbed by the root system. HERGOTON PLUS cannot, therefore, be considered a traditional nitrogen fertilizer but as a natural and stable mixture of complex structures that represent the essential precursors for the construction of peptides, proteins and enzymes. Applying this product accelerates crop metabolism, supplying directly, in a readily available form, all those constituents that would otherwise need to be synthesised “afresh” from inorganic nitrogen. The effects obtained with root application are as follows:

- Increase in the activity of the soil microflora.
- Improvement in the availability of metallic ions thanks to the chelating action of amino acids.
- Anti-stress effect following meteorological or parasitic damage.
- Inducement to biological and biochemical functions which determine vegetative growth and increased harvest.
- Possibility of supplying organic nitrogen via fertigation.
- Increased root system development and activity.

COMPOSITION

HERGOTON PLUS	
Total organic nitrogen (N)	8,0%
Organic carbon (C) of biological origin	26,00%
Total organic matter	44,45%

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Citrus	40-100 kg/ha
Top Fruit	50-100 kg/ha
Grapes	50-100 kg/ha
Field Vegetables	30-60 kg/ha
Greenhouse Vegetables	30-60 kg/ha
Floriculture	20-40 kg/ha

PACKAGING



IBC's
Kg 1200



Drums
Kg 250



Tanks
Kg 30



In case of foliar application, mixtures with copper based products to be avoided.

HUMOSTIM

NATURAL LIQUID CONDITIONER WITH HUMIC ACIDS EXTRACTED FROM AMERICAN LEONARDITE.

HUMOSTIM is a liquid organic plant tonic based on humic acids; highly active organic compounds extracted from natural fossils. These colloidal formulations maximise the availability of nutrients whether applied directly to the crop or already present in the soil. HUMOSTIM increases the activity of growth promoting factors. It is also beneficial as a seed treatment and on seedling root systems prior to transplantation. Applied as a foliar treatment, it enhances the translocation of nutrients throughout the plant by increasing cell wall permeability. Applied as a seed dressing, HUMOSTIM improves germination rates.

COMPOSITION

HUMOSTIM	
Total organic matter	16%
Total organic matter on dry matter	70%
Organic carbon in dry matter	43%
Humified organic matter as a percentage of organic matter	93%
Nitrogen (N) organic	1%
C/N ratio	11

DOSAGE AND USAGE PROCEDURES

Soil - Before sowing or transplanting	40-60 kg/ha
Fertigation	6-12 kg/ha
Transplanting	sink for several minutes in a solution containing 500 g/Hl of product
Foliar	100-150 g/hl

PACKAGING



IBC's
Kg 1250



Drums
Kg 250



Tanks
Kg 30



PK-TS

LIQUID PK FERTILIZER WITH HIGH SULPHUR CONTENT.

PK-TS with its high content in sulphur and potassium is particularly suitable for achieving a good fruits ripening. PK-TS improves colour and texture of the fruits that become well pigmented and more resistant to transit damages keeping a good storability. Sulphur, contained as S_2O_3 , ensures a full nourishment (SO_4 readily available to the plant, and S, elemental sulphur, absorbed more slowly and leaching resistant) and induces chemical reactions of reduction for those nutrients “locked up” in the soil in their oxidized form. The fungistatic effect of sulphur makes PK-TS a formulation which gives healthier, better nourished crops.

COMPOSITION

PK-TS	
Water soluble phosphate (P_2O_5)	5%
Water soluble potassium oxide (K_2O)	25%
Water soluble sulphur trioxide (SO_3)	30%

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Grapes	100 kg/ha
Vegetables	80 kg/ha
Arboreal crops	150 kg/ha

PACKAGING



Tanks
Kg 30



MAXI-MIX

POWDER FERTILIZER WITH MICRONUTRIENTS AND MAGNESIUM.

MAXI-MIX is a balanced composition of the most important micronutrients. It is studied to fight physiopathologies due to deficiencies induced by adverse pedoclimatic conditions. The high magnesium content allows for optimal energy absorption and promotes the formation of carbohydrates. The use of **MAXI-MIX** helps development of new tissues, improves fruit setting during the flowering phase and increases auxins development.

The product is particularly suitable in fertigation as a source of micronutrients and supplement of the nutritive solution.

COMPOSITION

MAXI-MIX	
Water soluble magnesium oxide (MgO)	10%
Water soluble boron (B)	2%
Water soluble copper (Cu) EDTA chelated	1%
Water soluble manganese (Mn) EDTA chelated	3,4%
Water soluble molybdenum (Mo)	0,1%
Water soluble zinc (Zn) EDTA chelated	4%

DOSAGE AND USAGE PROCEDURES



FERTIGATION

Horticulture, Fruit Trees, Floriculture	2-3 kg /ha
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PACKAGING



Bags
Kg 5



REMOVESAL

SOIL CONDITIONER BASED ON CALCIUM AND MAGNESIUM COMPLEXED WITH LINGOSULPHONATE AND HYDROXY-CARBOXYLIC ACID.

REMOVESAL is formulated with calcium and magnesium complexed with lingosulphonate and organic acid. The use of **REMOVESAL** is fundamental in fighting soil and water salinity.

By supplying complexed calcium and magnesium, **REMOVESAL** locks up excess sodium in the soil water, preventing deposits and destruction of the soil structure.

COMPOSITION

REMOVESAL	
Water soluble calcium oxide (CaO)	12,8%
Water soluble magnesium oxide (MgO)	1%
Complexing agent: lingosulphonate	
Acidified with hydroxy-carboxylic acid	

DOSAGE AND USAGE PROCEDURES

Citrus, Top Fruit, Grapes	20-50 kg/ha
Field and Greenhouse Vegetables	20-50 kg/ha
Floriculture	25-50 kg/ha
According to water characteristics:	
Slightly salty (1, 5 g/l) 15-25 cc/m ³	15-25 cc/m ³
Salty (1,5-2,5 g/l) 35 cc/m ³	35 cc/m ³
Very salty (>2,5 g/l)	60 cc/m ³

PACKAGING



Drums
Kg 250



Tanks
Kg 6-30



Do not mix with fertilizers containing phosphorus.

SWEETON

LIQUID NK FERTILIZER CONTAINING CALCIUM AND MAGNESIUM.

Specifically formulated to aid the movement of nutrients throughout the plant. The formulation provides for the simultaneous intake of potassium, calcium and magnesium, promoting early ripening and an increase in sugar content. Use of this product stimulates more rapid fruit coloration and more uniform vegetative growth.

COMPOSITION

SWEETON	
Water soluble magnesium oxide (MgO)	3%
Water soluble calcium oxide (CaO)	8%

DOSAGE AND USAGE PROCEDURES

Citrus, Fruit trees	30-60 kg/ha
Grapes	50-100 kg/ha
Open Field Vegetables	30-60 kg/ha
Greenhouse Vegetables	30-60 kg/ha

PACKAGING



Tanks
Kg 6-30



Do not mix with fertilizers containing phosphorus.

VIRACID

LIQUID NP ACIDIFYING FERTILIZER WITH pH INDICATOR.

Formulation with acidifying action. The product is to be used as pH corrective for hard waters employed for foliar nutrition and for agrochemicals applications. **VIRACID** improves nutrients absorption and efficacy of the active ingredients that in alkaline waters are considerably reduced. Adding **VIRACID** to the irrigation water brings to a drop of the pH to an optimal level and, colouring the solution differently as per its pH value, allows identification of the exact suitable dosage. In fact, in the beginning the solution becomes yellow, meaning that the pH is still too high; continuing with adding the product the pH reached is about 6, at this value the solution becomes red.

The acidifying action of **VIRACID** ensures that irrigation systems are kept free of calcium deposits. Pipes and nozzles remain clean and blockage-free.

VIRACID can be applied also to provide high nutrition in phosphorus and nitrogen both in fertigation and in foliar application.

COMPOSITION

VIRACID	
Total nitrogen (N)	3%
Ureic nitrogen (N)	3%
Water soluble phosphate (P ₂ O ₅)	20%

DOSAGE AND USAGE PROCEDURES

Fertilization: Foliar	150-200 g/hl
Fertilization: Fertigation	2-3 kg/ha
ACIDIFICATION: the dosages depend on the hardness of the water employed. For waters at pH ⁻⁸ the needed product quantity is indicatively 80 g/100 lt.	

PACKAGING



Bottles
Kg 1



Tanks
Kg 6-30







GRANULAR

COMBISLOW

GRANULAR NP FERTILIZER WITH SLOW RELEASE NITROGEN.

COMBISLOW 18.10.18 +2 MgO +15 SO₃ is a granular product that includes in its formulation monoammonium phosphate and potassium nitrate providing immediate availability of nutrients while a controlled release of nitrogen comes from methylene-urea. The latter has good nutritional efficiency and a low salinity index. The slow release of nitrogen encourages a balance between top-growth and root development.

COMPOSITION

COMBISLOW	
Total nitrogen (N)	18%
Nitric nitrogen (N)	3,5%
Ammonium nitrogen (N)	6,5%
Ureic nitrogen (N)	3%
Urea-formaldehyde nitrogen (N)	5%
Urea-formaldehyde nitrogen (N) soluble only in hot water	2%
Urea-formaldehyde nitrogen (N) soluble in cold water	2,8%
Phosphate (P ₂ O ₅) soluble in neutral ammonium citrate and water	10%
Water soluble phosphate (P ₂ O ₅)	8%
Water soluble potassium oxide (K ₂ O)	18%
Water soluble magnesium oxide (MgO)	2%
Water soluble sulphoric trioxide (SO ₃)	15%

DOSAGE AND USAGE PROCEDURES

Citrus, Top Fruit, Olive	3-5 q.li/ha
Table Grapes	5-7 q.li/ha
Wine Grapes	3-5 q.li/ha
Field and Greenhouse Vegetables	3-7 q.li/ha


PACKAGING



Bags
Kg 25



MISCIBILITY TABLE OF PAVONI PRODUCTS

 BRIGHT CROP NUTRITION	UREA46%	AENNE 34%	SOLF. AMM. 21%	CALCIO NITRATO	PONI (POTASSIO NITR.)	M.A.P. 12-61	MPK 52-34	S. MAGNESIO 16%	HYDROKALI 51	LINEA IDROSOL	LINEA MAXI FEED	LINEA EXCELLENT	LINEA SOLUFERT	MAGNITOP	PROTOPHOS 14-54	UFO 18-44	PONIMAG	SOLFON. POTASSICO	AZOTO 30	AZOTONIC	HERGOTON PLUS	HUMOSTIM L	AZOLFO 17+46	FOSFORO+MICRO	POTASSIO 25	KALIPLUS 30	POTASSIO 15 ACIDO	EMOFLUID	ATS	KTS	CALCIO LIQUIDO	MESOPUS L.24	REMOVESAL	SWEETON			
UREA46%																																					
AENNE 34%																																					
SOLF. AMMONICO 21%																																					
CALCIO NITRATO																																					
PONI (POTASSIO NITR.)																																					
M.A.P. 12-61																																					
MPK 52-34																																					
S. MAGNESIO 16%																																					
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MAGNITOP																																					
PROTOPHOS 14-54																																					
UFO 18-44																																					
PONIMAG																																					
SOLFONITR. POTASSICO																																					
AZOTO 30																																					
AZOTONIC																																					
HERGOTON PLUS																																					
HUMOSTIM L																																					
AZOLFO 17+46																																					
FOSFORO+MICRO																																					
POTASSIO 25																																					
KALIPLUS 30																																					
POTASSIO 15 ACIDO																																					
EMOFLUID																																					
ATS																																					
KTS																																					
CALCIO LIQUIDO																																					
MESOPUS L.24																																					
REMOVESAL																																					
SWEETON																																					

■ IT CAN BE MIXED

■ IT CAN BE MIXED DILUTED IN SOLUTION MAX 10% TOTAL

■ IT CANNOT MIX

This table is purely indicative, factors such as temperature, alkalinity and water hardness can upset the miscibilities.

