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_2O_5)	16	24	9	10
Water soluble potassium oxide (K_2O)	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_2O)	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_2O_5)	24	7	10	26	20	7	20
Water soluble potassium oxide (K_2O)	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_2O)	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 SO_3) 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_2O_5)	20	30	12	20	18
Water soluble potassium oxide (K_2O)	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_2O)	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_2O_5)	5	20	12	6	24	20	18
Water soluble potassium oxide (K_2O)	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 recom-mended during early vegetative phases.

COMPOSITION

IDROSOL	8.24.24	9.18.27	8.12.24	24.10.10	22.5.20	16.6.26 +2Mg0 + 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_2O_5)	24	18	12	10	5	6	45
Water soluble potassium oxide (K_2O)	24	27	24	10	20	26	10
Water soluble magnesium oxide (MgO)	-	-	-	-	-	2	-
Water soluble sulphoric 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_2O)	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_2O_5)	20	18	5
Water soluble potassium oxide (K_2O)	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_2O)	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_2O_5)	20	32	32
Water soluble potassium oxide (K_2O)	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_2O)	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_2O_5)	9	5	30	15
Water soluble potassium oxide (K_2O)	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_2O_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_2O)	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_2O)	34%
Water soluble sulphoric 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_2O)	240

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

PACKAGING

Bags
Kg 25

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_2O_5)	5	10	18	18	10
Water soluble potassium oxide (K_2O)	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_20)	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