



ORGANIC



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

| | |
|---|-----|
| Organic Nitrogen (N)..... | 1% |
| Organic Carbon (C)..... | 12% |
| Potassium Oxide (K ₂ O)..... | 6% |
| Betaine | 1% |

DOSAGE AND USAGE PROCEDURES

| | |
|---------------------|--------------------------------|
| FOLIAR APPLICATIONS | 150-200 grams per 100 lt water |
| FERTIGATION | 5-10 Kg/Ha |



Bottles
Kg. 1



Tanks
Kg. 6-30

AMINOSLOW®

LIQUID ORGANO-MINERAL FERTILIZER WITH SLOW-RELEASE NITROGEN

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.

DOSAGE AND USAGE PROCEDURES

| | |
|---------------------------------|--|
| Citrus - Top Fruit | 150 g/Hl (foliar) 20-40 Kg/Ha (fertigation) |
| Grapes | 100 g/Hl (foliar) 30-50 Kg/Ha (fertigation) |
| Field and Greenhouse vegetables | 100 g/Hl (foliar) 30 Kg/Ha (fertigation) |
| Floriculture | 100 g/Hl (foliar) 30 Kg/Ha (fertigation) |



COMPOSITION

| | |
|------------------------------------|-----|
| Total Nitrogen (N)..... | 12% |
| Ureic Nitrogen (N)..... | 6% |
| Organic Nitrogen (N)..... | 6% |
| Methylene-Urea Nitrogen (N) | 4% |
| Biological Organic Carbon (C) | 25% |



Tanks
Kg. 6-30

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. IN CASE OF FOLIAR APPLICATION, MIXTURES WITH COPPER BASED PRODUCTS TO BE AVOIDED.



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

| | |
|------------------------------------|-----|
| Total Nitrogen (N)..... | 9% |
| Organic Nitrogen (N)..... | 9% |
| Biological Organic Carbon (C)..... | 25% |

AMINOGRAM (gr/100 gr di amino acid)

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



Bottles
Kg. 1



Tanks
Kg. 6-30

DOSAGE AND USAGE PROCEDURES

| | |
|--|-----------|
| Top Fruit - Grapes - Olive | 300 g/Hl |
| Floriculture and Greenhouse vegetables | 300 g/Hl |
| Field vegetables | 250 g/Hl |
| Cereal | 4-5 Kg/Ha |

BIOCAL

CALCIUM BASED LIQUID FERTILIZER

BIOCAL is formulated to ensure a high nutrition in calcium coformulated with proteininc 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.

DOSAGE AND USAGE PROCEDURES

| | |
|---------------------------|---------------------------------|
| Fruit trees Vegetables | 150-200 g/100 lt water (foliar) |
|---------------------------|---------------------------------|



COMPOSITION

Calcium Oxide (CaO)..... 12%
water soluble
coformulated with proteininc extracts



Bottles
Kg. 1



Tanks
Kg. 6

Dosage always depends on different factors (plant's age, growth stage, climatic conditions, temperature, etc). The product displays good miscibility and compatibility, however, we advise preliminary tests and treatment of a few plants before extending to the whole area. **DO NOT MIX WITH FERTILIZERS CONTAINING PHOSPHOROUS.**



BOROFfluid

LIQUID FERTILIZER CONTAINING BORON
AS ETHANOLAMINE SALT

COMPOSITION

Boron (B)11%
water soluble
(as ethanolamine salt)

BOROFfluid 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.

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

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) |



Bottles
Kg. 1



Tanks
Kg. 6

EMOFLUID[®]

LIQUID ORGANO-MINERAL FERTILIZER
WITH NITROGEN FROM BLOOD MEAL
AND METHYLENE UREA

EMOFLUID is a very active product intensifying the activity of the bacterial flora in the soil. This gives immediate effects on young roots, stimulating growth and nutrient intake potential. For these reasons it is recommended for the stimulation of seed germination and root development. The product is also particularly effective on vegetables and arboreal crops under climatic stress conditions due to various causes (sudden temperature change, damage caused by hail or other meteorological phenomena).

DOSAGE AND USAGE PROCEDURES (fertigation)

| | |
|--------------------------------|--------------|
| Citrus - Top Fruit | 40-100 Kg/Ha |
| Grapes | 80-160 Kg/Ha |
| Field and Greenhouse vegetable | 50-100 Kg/Ha |
| Floriculture | 50-100 Kg/Ha |



COMPOSITION

Total Nitrogen (N) 17%
Organic Nitrogen (N)..... 2%
Methylene Urea Nitrogen (N) .. 15%
Biological Organic Carbon (C) 8%



Tanks
Kg. 6-30

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.



FERRO FORTE MAXIRON EXTRAIRON

EDDHA CHELATE IRON MICRO-GRANULES

Soluble microgranular formulation of Iron chelated with EDDHA, ethylendiamino-di (o-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.

DOSAGE AND USAGE PROCEDURES

| | |
|--------------------------------------|--|
| Citrus - Top Fruit | 20-50 g/plant (preventive) |
| Olive | 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 |



COMPOSITION

| | |
|---|------|
| Chelated Iron (Fe) | 6% |
| water soluble | |
| (MAXIRON) Ortho-Ortho EDDHA min. ... | 4,8% |
| (EXTRAIRON) Ortho-Ortho EDDHA min. | 4,2% |
| (FERROFORTE) Ortho-Ortho EDDHA min. | 3,6% |
| Chelating agent: EDDHA | |
| Chelate stability pH range | 3-11 |



Bags Carton case
Kg. 1-2,5-5 Kg. 1



HERGOTON[®] PLUS

LIQUID FERTILIZER CONTAINING ORGANIC
NITROGEN FROM EPITHELIUM

COMPOSITION

Total Organic Nitrogen (N)8%
Biological Organic Carbon (C).....27%

DOSAGE AND USAGE PROCEDURES (fertigation)

| | |
|---------------------------------|--------------|
| Citrus | 40-100 Kg/Ha |
| Top Fruit - Grapes | 50-100 Kg/Ha |
| Field and Greenhouse vegetables | 30-60 Kg/Ha |
| Floriculture | 20-40 Kg/Ha |

HERGOTON 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** 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.



IBC's
Kg. 1200



Drums
Kg. 250



Tanks
Kg. 30

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.

DOSAGE AND USAGE PROCEDURES

| | |
|---------------------------------------|---|
| Citrus - Top Fruit Grapes | 250 g/Hl (foliar) 10 Kg/Ha (fertigation) |
| Greenhouse vegetables Floriculture | 200 g/Hl (foliar) 10 Kg/Ha (fertigation) |
| Field vegetables | 250 g/Hl (foliar) 10 Kg/Ha (fertigation) |

IN CASE OF FOLIAR APPLICATION, MIXTURES WITH COPPER BASED PRODUCTS TO BE AVOIDED



Bottles
Kg. 1



Tanks
Kg. 6



COMPOSITION

| | |
|------------------------------------|-----|
| Total Organic Nitrogen (N)..... | 6% |
| Organic Nitrogen (N)..... | 6% |
| water soluble | |
| Biological Organic Carbon (C)..... | 18% |

AMINOGRAM (gr/100 gr di amino acid)

| | |
|----------------------|-------|
| Aspartic Acid..... | 6,20 |
| Glutamic Acid..... | 11,62 |
| Alanine..... | 9,50 |
| Arginine..... | 6,45 |
| Cysteine..... | 1,05 |
| Phenylalanine..... | 3,10 |
| Glycine..... | 25,90 |
| Hydroxyproline | 8,85 |
| Isoleucine..... | 2,05 |
| Istidine..... | 1,90 |
| Leucine | 4,20 |
| Lysine..... | 5,10 |
| Methionine..... | 1,05 |
| Proline | 14,03 |
| Serine | 2,00 |
| Tyrosine..... | 1,90 |
| Threonine | 1,20 |
| Tryptophan | 0,85 |
| Valine | 2,98 |

Dosage always depends on different factors (plant's age, growth stage, climatic conditions, temperature, etc). The product displays good miscibility and compatibility, however, we advise preliminary tests and treatment of a few plants before extending to the whole area. MIXTURES WITH COPPER BASED PRODUCTS TO BE AVOIDED.



COMPOSITION

| | |
|--|------|
| Potassium Oxide (K ₂ O) | 19% |
| Organic Nitrogen (N) | 1% |
| Betaine | 0,1% |
| Mannitol..... | 4% |
| Organic Carbon (C)..... | 20% |



Bags
Kg. 1



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.

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) |

According to the DPR 26.10.1972, n 633, for **SEAGROWING** has to be applied a 10% VAT.



STIMOLEAF BIOSTIMULANT

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.)

DOSAGE AND USAGE PROCEDURES

| | |
|---------------------------------------|---|
| Citrus - Fruit trees Grapes | 300 g/Hl (foliar) 10 Kg/Ha (fertigation) |
| Open Field vegetables | 250 g/Hl (foliar) 10 Kg/Ha (fertigation) |
| Greenhouse vegetables Floriculture | 300 g/Hl (foliar) 10 Kg/Ha (fertigation) |



Bottles
Kg. 1



Tanks
Kg. 6

Dosage always depends on different factors (plant's age, growth stage, climatic conditions, temperature, etc). The product displays good miscibility and compatibility, however, we advise preliminary tests and treatment of a few plants before extending to the whole area. MIXTURES WITH COPPER BASED PRODUCTS TO BE AVOIDED.



COMPOSITION

| | |
|-------------------------------|-------------|
| Organic Nitrogen (N) | 8,20% |
| water soluble | |
| Organic Carbon (C) | 24,65% |
| C/N Ratio | 2,7 |
| Average molecular weight... | 1500 dalton |
| Glycine Ratio | 1,1 |
| (Proline + Hydroxyproline) | |
| Hydrolysis on dry matter..... | >330 |
| Free Aminoacids..... | >10% |