SMALL FRUITS

BIOSTIMULATING ACTION

Allowed in Agriculture

LEVOROTATORY AMINO-ACIDS	
Aspartic acid	2,51 g/100 g
Glutamic acid	3,25 g/100 g
Alanine	2,05 g/100 g
Arginine	1,73 g/100 g
Phenylalanine	1,13 g/100 g
Gycine	1,89 g/100 g
Hydroxyproline	0,45 g/100 g
Isoleucine	1,24 g/100 g
Histidine	0,63 g/100 g
Leucine	2,20 g/100 g
Lysine	1,13 g/100 g
Proline	1,70 g/100 g
Serina	1,74 g/100 g
Tyrosine	0,65 g/100 g
Threonine	1,18 g/100 g
Valine	1,61 g/100 g
Cysteine and cystine	0,38 g/100 g
Methionine	0,39 g/100 g
Tryptophan	0,19 g/100 g

FREE AMINO ACIDS	
Glutamic acid	0,12 g/100 g
Alanine	0,24 g/100 g
Leucine	0,11 g/100 g

Grena Solo is an organic and biological product containing organic matter obtained by THP® wet thermal hydrolysis without the addition of any chemical product, but it is only simple cooking at 130 °C. Grena Solo has a balanced NPK 5-2-1, a particular abundance of calcium naturally contained (Ca) 10% and with a presence in mg/kg of many microelements, important creators of long-term vegetable well-being.

The 5% nitrogenous component helps the plant of small fruits (blueberries, raspberries, currants ...) in its diverse photosynthesis activities where flowering and fruit-setting is the most important. The constant addition of Grena Solo to annual fertilization both in organic and conventional or integrated agriculture helps to have uniform yields and constant production.

The pigmentation undergoes a moderate increase and is indicative of the general well-being for the plant.

MICRO-ELEMENTS	
B	4,62 mg/kg
Fe	661 mg/kg
Mn	37,2 mg/kg
Zn	67,2 mg/kg

Grena Solo is an organic fertilizer that allows a good level of organic matter to be maintained in the soil, even if it has a high rate of mineralization. In this way the root development of the crops takes place without stress, especially in the moments of transplantation. In sandy soils the high content of organic substance avoids losses of nutrients due to washing away.
Grena Superferro + S is an organic fertilizer designed to supply iron and sulfur to crops that require a sub acid soil environment. By making iron and lowering the pH of the soil it allows the absorption of the element avoiding ferric chlorosis problems. The presence of sulfur also helps the assimilation of many other elements (N, K, Mg, Mn, Cu) allowing the crops to be able to correctly use the elements provided by the fertilization plan. The organic substance also allows to overcome the stress of transplantation and to maintain the right fertility of the soil.

GRENA SOLO

TIMING*

Autumn-winter

APPLICATION*

scatter the product in soil preparation

DOSAGE*

700 - 800 kg/ha

SOURCE: Hydrolyzed proteins of animal origin by thermal hydrolysis

COMPOSITION

Organic substance (SS)	**38 %**
Amino acids and proteins	25 %
Humic and fulvic acids	9 %
Humidity	7 %
Total nitrogen (N)	**5 %**
Organic nitrogen (N)	5 %
Total phosphoric anhydride **(P_2O_5)**	**2 %**
Total potassium oxide **(K_2O)**	**1,3 %**
Organic carbon (C) biological origin	22 %
Calcium **(CaO)** natural origin	**4 %**
C/N	4,4

GRENA SUPERFERRO + S

TIMING*

mid-autumn to late spring

APPLICATION*

scatter the product in soil preparation

DOSAGE*

700 - 1000 kg/ha depending on the pH of the soil

SOURCE: Hydrolyzed proteins of animal origin by thermal hydrolysis, Sulphur, Iron Sulphate

COMPOSITION

Organic substance (SS)	**54 %**
Amino acids and proteins	18 %
Humic and fulvic acids	10 %
Humidity	7 %
Total nitrogen (N)	**3 %**
Organic nitrogen (N)	3 %
Total phosphoric anhydride **(P_2O_5)**	**2 %**
Total potassium oxide **(K_2O)**	**1 %**
Organic carbon (C) biological origin	28 %
Sulphuric anhydride (SO_3)	30 %
Total iron **(Fe)**	**3 %**
C/N	9,3
pH	< 5

Idrogrena is a biostimulant that guarantees the overcoming of stress during cultivation, both in terms of energy stress (during transplantation and fruit growth), and due to climatic stress due to rapid temperature changes or in the presence of strong wind. It can be used in fertirrigation at a dose of about 20 liters / ha every 20 days in order to keep the production of root hair constant. It is very important a post-transplant operation (together with mono ammonium phosphate and iron, to favor the emission of new roots. At leaf level it is possible to use Idrogrena, together with normal antiparasitic treatments, to maintain the right vegetative and productive balance in the plant. in the case of micro-deficiencies of elements it can be used in the foliar treatments Energy Idrogrena which contains Iron, Calcium, Zinc and Boron). Energy Idrogrena also has a prevalent use during the pre-flowering and fruit enlargement phase. In fact Boron helps pollen fertility, while Calcium, Iron and Zinc stimulate fruit growth maintaining the right stiffness of the cell walls and therefore increasing self-life and preservation of the fruits themselves.

IDROGRENA

TIMING*

pre-flowering to harvest every 20 days (total dose per year 100 kg/ha)

APPLICATION*

- Drip-fertigation 20 l/ha
- Foliar application 4 - 5 l/ha

ORGANIC POLYAMINES

2-Phenylethylamine (2-PHE)	2,4 mg/kg
Spermine	3,6 mg/kg

Eco-organic liquid biostimulant

SPECIFIC WEIGHT: 1.032

*Guidelines only, for the correct use of our products, please consult a specialist.

ENERGY IDROGRENA

TIMING*

pre- and post-flowering

APPLICATION*

Recommended for foliar application only

DOSAGE*

2 - 3 l/ha

MESO- AND MICRO-ELEMENTS

Ca	1 % (EDTA)
Fe	1 % (EDTA)
Zn	0,5 % (EDTA)
B	0,5 %

ORGANIC POLYAMINES

> 6.6 mg/kg

Eco-organic liquid biostimulant enriched with meso- and microelements.

SPECIFIC WEIGHT: 1.12

GRENA

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