

# ORCHARDS

## Pomacee and stone fruit



## BIOSTIMULATING ACTION

### Allowed in Organic Farming

#### LEVOROTATORY AMINO-ACIDS

Aspartic acid	2,56 g/100 g
Glutamic acid	4,59 g/100 g
Alanine	1,74 g/100 g
Arginine	2,42 g/100 g
Phenylalanine	1,40 g/100 g
Glycine	2,55 g/100 g
Hydroxyproline	0,15 g/100 g
Isoleucine	1,40 g/100 g
Histidine	0,38 g/100 g
Leucine	2,73 g/100 g
Lysine	1,11 g/100 g
Proline	2,53 g/100 g
Serina	3,26 g/100 g
Tyrosine	1,08 g/100 g
Threonine	1,50 g/100 g
Valine	2,09 g/100 g
Cysteine and cystine	0,82 g/100 g
Methionine	0,36 g/100 g
Tryptophan	0,23 g/100 g

#### FREE AMINO ACIDS

Glutamic acid	0,06 g/100 g
Alanine	0,08 g/100 g
Glycine	0,02 g/100 g
Isoleucina	0,02 g/100 g
Leucine	0,02 g/100 g
Lysine	0,01 g/100 g
Proline	0,01 g/100 g
Serina	0,02 g/100 g
Valine	0,02 g/100 g

The Grena organic substance of animal origin derives from the THP® wet thermal hydrolysis treatment of animal residues of rabbit, fish and chicken. The presence of different types of animal organic matter such as feathers, egg shells, bones, meat and hair, makes the percentage of presence of the laevogyrates amino acids rich and varied, and making the Grena organic substance unique and inimitable.

Idrogreina is an organic biostimulant, liquid in solution, rich in polyamines. The efficacy of the product is linked to the rapid availability of the organic compounds that can be absorbed immediately by the plant and by the useful micro-organisms at the root and soil level. Idrogreina finds an effective use through applications in fertigation or if not in the leaves.



#### MICRO-ELEMENTS

B	1,16 mg/kg
Co	0,221 mg/kg
Fe	644 mg/kg
Mn	54,1 mg/kg
Mo	0,639 mg/kg
Zn	115 mg/kg





Natur Grena is particularly suitable for orchards because it contains: 64% organic matter with free-flowing amino acids, natural biostimulants, which favor the radical proliferation of plants, ensuring greater absorption of macro and micro-mineralized elements in the soil; 10% humic and fulvic acids that allow the formation of humic compounds; 0.33% SiO<sub>2</sub> silicon which gives greater thickness to the skin and resistance to insects.

The recommended doses are 800 kg/ha to be distributed on the rows in late autumn until spring, or at a dose of 1.5 kg per plant, distributed on the basis of the foliage of the plant, it is recommended not to accumulate around the stem, given that the roots depart from the stem towards the outside.

For a more balanced fertilization we recommend the mineral organ Grena Life 4.6.10 + 2MgO, which combines the qualities of the Grena organic substance with the contribution of valuable mineral macro-elements such as phosphorus and potassium and macro-elements such as magnesium.

## NATUR GRENA

TIMING*	COMPOSITION
mid-autumn to late spring	<b>Organic substance (SS)</b> 64 %
	Amino acids and proteins 37,5 %
	Humic acids 17,2 %
	Fulvic acids 2,2 %
	Humidity 7 %
	<b>Total nitrogen (N)</b> 6 %
	Organic nitrogen (N) 6 %
	Total phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) 1 %
	Total potassium oxide (K <sub>2</sub> O) 1 %
	Organic carbon (C) biological origin 30 %
	Calcium (CaO) natural origin 15 %
	MgO Magnesium oxide 0,5 %
	SiO <sub>2</sub> 0,33 %
<b>DOSAGE*</b>	
700 - 900 kg/ha	
<b>APPLICATION*</b>	
scatter the product	
<b>SOURCE:</b> Feathermeal	

## GRENA LIFE

TIMING*	COMPOSITION
mid-autumn to late spring	<b>Organic substance (SS)</b> 39 %
	Amino acids and proteins 20 %
	Humic and fulvic acids 4 %
	Humidity 7 %
	<b>Total nitrogen (N)</b> 4 %
	Organic nitrogen (N) 4 %
	Total phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) 6 %
	Total potassium oxide (K <sub>2</sub> O) 10 %
	Organic carbon (C) biological origin 23 %
	Sulphuric anhydride (SO <sub>3</sub> ) 21 %
	MgO Magnesium oxide 2 %
	Calcium (CaO) natural origin 8 %
	C/N 5,3
<b>DOSAGE*</b>	
800 kg/ha	
<b>APPLICATION*</b>	
scatter the product in soil preparation	
<b>SOURCE:</b> Organic: hydrolyzed proteins of animal origin by thermal hydrolysis Mineral: soft ground rock phosphate, potassium sulphate, dolomite	

The plant first develops the fruitful buds then the vegetative buds, that is, first the flowers develop and then the leaves, but this is precisely the best time for the first treatment with Idrogrena, the naturally contained polyamines guarantee a correct cellular multiplication, indispensable for the flower formation.

In the summer period (July, August) to overcome the stress of drought weather we recommend the use of Idrogrena in fertigation in the dose of 12.5 liters / ha diluted in 300-500 liters of water or in absence of leaves in the dose of 6 liters/ha for 4-6 treatments. We recommend a last treatment before the winter rest period with the same dose in order to accumulate reserve energy in the buds for spring recovery.

## IDROGRENA

TIMING*	ORGANIC POLYAMINES
pre-flowering to harvest every 20 days (min. 3-4 applications)	2-Phenylethylamine (2-PHE) 2,4 mg/kg Spermine 3,6 mg/kg
<b>APPLICATION*</b>	Eco-organic liquid biostimulant
• Drip-fertigation 12,5 l/ha • Foliar application 300 - 400 cc/100 L water	<b>SPECIFIC WEIGHT:</b> 1.032



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



S.P. 38 Porcilana, Loc. Gumiero - 37047 San Bonifacio (VR)  
Tel. +39 045 7610100 - Fax +39 045 7610636  
e-mail: grena@grena.com - www.grena.com

