

# VEGETABLES

Above ground  
and in greenhouses



## BIOSTIMULATING ACTION Allowed in Organic Farming

### 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
Glycine	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
Serine	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 Special is an organic and biological product containing organic substances obtained by hydrolysis THP® wet thermal hydrolysis without the addition of any chemical, but it is Special simple cooking at 130 °C. Grena Special 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-lasting vegetable well-being.

**The 5% nitrogen component helps the plant in its diverse photosynthesis activities where flowering and fruit-setting are the most important.**

**The constant addition of Grena Special 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







The synergy of the Grena Special product with Idrogrena and Energy Idrogrena finds the best performance with the use of the three products, finding the right balance of nutrition with Grena Special and biostimulation with Idrogrena with the addition of microelements with Energy Idrogrena, necessary for organic and regular development of fruit. In particular Energy Idrogrena finds wide application for the co-presence of Calcium and Iron where the first helps the development of cell walls and the second reinforces and stimulates the chlorophyll photosynthesis, the main protagonist and creators of vegetable well-being.

## GRENA SPECIAL

### TIMING\*

pre-sowing or pre-transplant

### APPLICATION\*

scatter the product  
in soil preparation

### DOSAGE\*

800 - 1000 kg/ha

SOURCE: Hydrolyzed proteins  
of animal origin by thermal  
hydrolysis

### COMPOSITION

Organic substance (SS)	52 %
Amino acids and proteins	37,5 %
Humic and fulvic acids	14 %
Humidity	7 %
<b>Total nitrogen (N)</b>	<b>6 %</b>
Organic nitrogen (N)	6 %
Total phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> )	2 %
Total potassium oxide (K <sub>2</sub> O)	1 %
Organic carbon (C) biological origin	30 %

## ENERGY IDROGRENA

### TIMING\*

pre- and post-flowering

### APPLICATION\*

Recommended for  
foliar application only

### DOSAGE\*

250 - 300 cc/100 L acqua

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

SPECIFIC WEIGHT: 1.12

### MESO- AND MICRO-ELEMENTS

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

### ORGANIC POLYAMINES

> 6.6 mg/kg

Idrogrena 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 immediately absorbed by the plant and by the useful micro-organisms at the root and soil level. Idrogrena finds an effective use through applications in fertigation or via foliar application in case of deficiency.

## IDROGRENA

### TIMING\*

pre-flowering to harvest every  
20 days (min. 3 applications)

### APPLICATION\*

- Drip-fertigation  
12 l/ha
- Foliar application  
300 - 400 cc/100 liters of water

### 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.



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