



# GRENA *Ultra micro*

**Organic Eco-Product Micro biostimulant**  
**Permitted in organic farming**



### Recommended for:

Product to be used in all situations where there is no tillage, such as grassy orchards and/or vineyards, or last-minute fertilization, designed specifically for localized distribution and low visual impact (golf courses)



### AMINO ACIDS IN GRENA MATRIX

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
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	0,40 g/100 g
Tryptophan	0,19 g/100 g

### FREE AMINO ACIDS

Glutamic acid (free)	0,12 g/100 g
Alanine (free)	0,24 g/100 g
Leucine (free)	0,11 g/100 g

### MICRO-ELEMENTS

B	4,62 mg/kg
Fe	661 mg/kg
Mn	37,2 mg/kg
Cu	5,75 mg/kg
Zn	67,2 mg/kg

### COMPOSITION

Organic substance	45%
Amino acids and proteins	37,5%
Humic and fulvic acids	13%
Humidity	7%
Total nitrogen (N)	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) of biological origin	26%
Calcium (CaO) natural origin	8%
C/N	5,3
pH	7.2

### SOURCE

Hydrolyzed proteins of animal origin by thermal hydrolysis

## FEATURES

GRENA ULTRA MICRO was created for distribution on soils not subject to subsequent tillage (such as grassy vineyards and orchards). The micro-pellet formulation allows natural organic nitrogen to be readily available for plant nutrition. Thanks to the fast mineralization time, GRENA ULTRA MICRO is also ideal for last-minute fertilizations. **The product meets the need for agriculture with a lower environmental impact: obtainable through a significant reduction in dosages, thanks to the natural presence of amino acids and humic and fulvic acids that facilitate the assimilation of nutrients.**

With GRENA ULTRA MICRO, the distribution is uniform and of low visual impact, excellent with transplanted. The presence of calcium enhances the organoleptic qualities of the vegetable tissues as well as increasing of preservability and crispness of the fruit. In vineyards, it promotes the development of regular internodes and a net increase in the final sugar content.

**Packaging available:** 10 kg bags - 25 kg bags - 500 kg big bags

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Vineyards	mid-autumn to late spring	localized distribution per row	400-500 kg/ha
Orchards (pome fruits, stone fruits, citrus fruits etc.)	mid-autumn to late spring	localized distribution per row	400-500 kg/ha
Olive groves	mid-autumn to late spring	localized distribution per row	400-500 kg/ha
Greenhouse vegetable crops	pre-sowing or pre-transplant	scatter the product in soil preparation	600-800 kg/ha
Open field vegetable and industrial crops	pre-sowing or pre-transplant	scatter the product in soil preparation	600-800 kg/ha
Soft fruits (blueberries, raspberries, currants)	pre-sowing or pre-transplant	scatter the product in soil preparation	400-500 kg/ha
Ornamental lawns and gardens	pre-sowing or pre-transplant	scatter the product in soil preparation	600-800 kg/ha

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