GRENA ULTRA MICRO

PERMITTED IN ORGANIC FARMING BIO

ORGANIC NITROGEN FERTILIZER WITH BIOSTIMULATING AMINO ACIDS

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 fertilisations. 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 transplanters.
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 Babo grade. The presence **of silicon SiO_2 leads to thicker peel in fruit and more resistance to harmful insects.**

*GRENA ULTRA MICRO to be used in all situations **where there is no further tillage** or for last-minute fertilization, for fast mineralization and low visual impact (golf courses)*

FREE FROM PHOSPHITES AND CHROMIUM VI

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

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 matter	60%
Organic substance (SS) (Cx1.724)	**45%**
Amino acids and proteins (Nx6.25)	37.5%
Humic and fulvic acids	13%
Humidity	7%
Total nitrogen (N)	**6%**
Organic nitrogen (N)	6%
Phosphoric anhydride (P_2O_5)	1%
Total potassium oxide (K_2O)	1%
Organic carbon (C)	26%
Calcium (CaO) natural origin	**15%**
Silicon (SiO_2)	0.33%
C/N	4.3

SOURCE
Meatmeal
and feathermeal

Physical state: micro 2 mm

Packaging available:
25 kg bags - 500 kg bags

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Vineyards and olive groves	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
Strawberry	pre-sowing or pre-transplant	scatter the product in soil preparation	600-800 kg/ha
Soft fruits etc.	pre-sowing or pre-transplant	scatter the product in soil preparation	400-500 kg/ha
Greenhouse vegetable crops	pre-sowing or pre-transplant	scatter the product in soil preparation	600-800 kg/ha
Open field crops	pre-sowing or pre-transplant	scatter the product in soil preparation	600-800 kg/ha
Ornamental lawns, golf courses and gardens	mid-summer to late spring	scatter in soil	600-800 kg/ha

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