

TOPSOIL

for shoots



EVERYTHING STARTS WITH RIGHT NUTRITION



GRENA

ULTRA micro

BIOSTIMULANT ACTION

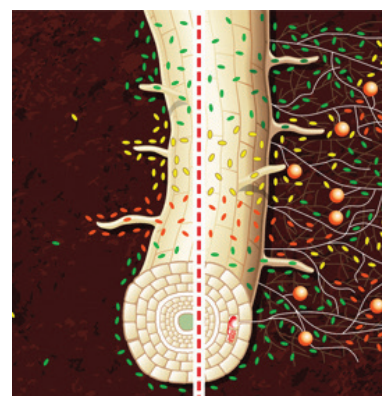


GRENA MICRO ULTRA is obtained by wet thermal hydrolysis (THP®) of organic matter of animal origin, the heat cooking without the addition of chemicals at 90° for 4 hours breaks the protein molecule with the formation of free and laevorotatory amino acids. The subsequent and natural aggregation of peptides favours the radical proliferation of plants, a greater increase of the absorbing radical surface allows a faster and more efficient absorption of nutrients.

Mixing Grena Ultra Micro to the soil, makes it rich in macro and microelements naturally present in the Grena biostimulant, allowing young plants to draw energy for the production of new roots. The derivation of

Grena from animal organic matter has the following advantages:

- gradual nutrition of the plants: due to the slow-release nitrogen, due to the carbonisation of the organic matter which is constant and gradual.
- does not bring excessive salinity to the soil.
- vitality to the soil: Amino acids are an excellent nutrition for the soil flora.



RHIZOSPHERE
WITH
CONVENTIONAL
FERTILIZER

RHIZOSPHERE
WITH GRENA
ULTRA MICRO



GRENA ULTRA micro

PERMITTED
IN ORGANIC
FARMING
BIO

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%
Total phosphoric anhydride (P ₂ O ₅)	1%
Total potassium oxide (K ₂ O)	1%
Organic carbon (C)	26%
Calcium (CaO) natural origin	15%
Silicon (SiO ₂)	0,33%
C/N	4.3

Physical state:
micro 2 mm

Packaging available:

25 kg bags
500 kg bags

Source:
Meatmeal
and feathermeal

DOSAGE FOR TOPSOIL for shoots:
5 kg/m³.

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

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

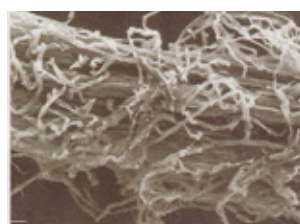
Glutamic Acid	0,03 g/100 g
Alanine	0,06 g/100 g
Leucine	0,03 g/100 g

MICRO-ELEMENTS

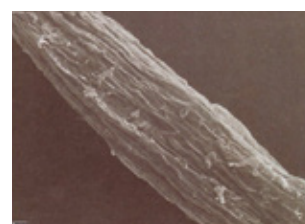
B	4,62 mg/kg
Fe	661 mg/kg
Mn	37,2 mg/kg
Cu	5,75 mg/kg
Zn	67,2 mg/kg



Root comparison



ROOT TREATED



ROOT NOT TREATED



ROOT TREATED



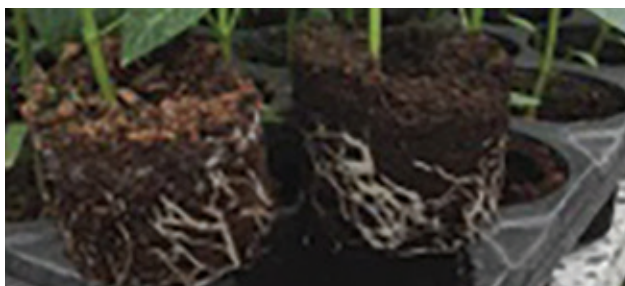
ROOT NOT TREATED



ROOT TREATED



ROOT NOT TREATED



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