

GRENA SUPERCALCIO + MgO

PERMITTED
IN ORGANIC
FARMING

BIO

GRENA

ORGANIC CORRECTIVE - ACTION FERTILIZER NP
+20 CaO



GRENA SUPER CALCIO +MgO
is recommended for nutritional
deficiencies of Calcium and
Magnesium

FREE FROM
PHOSPHITES AND
CHROMIUM VI



SOURCE

Meatmeal and dolomite

Physical state: micro 2 mm - pellet 4 mm

Packaging available:

25 kg bags - 500 kg bags

GRENA SUPER CALCIO + MgO is a fertilizer with **levorotatory** amino acids and a good supply of meso-elements.

The presence of amino acids and humic and fulvic acids creates complexed bonds with the magnesium and calcium present.

Calcium is very important:

- to give elasticity to the cell wall, as it reduces the cracking of the fruits which is the cause of a qualitative deterioration, especially in conditions of high humidity;
- to give resistance to apical rot on peppers and tomatoes (especially San Marzano and Beefsteak / Cuore di Bue tomatoes) and tip burn on salads;
- to improve shelf-life.

Magnesium is important because:

- improves fruit colouring (carotene production),
- allows better chlorophyll photosynthesis.

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
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	0.06 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
Zn	67.2 mg/kg

COMPOSITION

Organic matter	60%
Organic substance (SS) (Cx1.724)	45%
Amino acids and proteins (Nx6.25)	25%
Humic and fulvic acids	8%
Humidity	7%
Total nitrogen (N)	4%
Organic nitrogen (N)	3,5%
Phosphoric anhydride (P ₂ O ₅)	2%
Organic carbon (C)	24%
Calcium (CaO) natural origin	20%
Total magnesium oxide (MgO)	5%
C/N	6
Specific weight	0.70 kg/L

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Vineyards	mid-autumn to late winter	localized distribution per row	400-500 kg/ha
Table grapes	mid-autumn to late winter	localized distribution per row	500-600 kg/ha
Orchards (pome fruits, stone fruits, citrus fruits etc.)	mid-autumn to late winter	localized distribution per row	600-800 kg/ha
Greenhouse vegetable crops	pre-sowing or pre-transplant	scatter the product in soil preparation	1000-1200 kg/ha
Tomatoes	pre-sowing or pre-transplant	scatter the product in soil preparation	800-1200 kg/ha

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