

GRENA SUPERCALCIO + MgO

PERMITTED
IN ORGANIC
FARMING

BIO



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: 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

| | |
|----------------------|--------------|
| Aspartic Acid | 1.71 g/100 g |
| Glutamic Acid | 2.71 g/100 g |
| Alanine | 1.16 g/100 g |
| Arginine | 1.21 g/100 g |
| Phenylalanine | 0.83 g/100 g |
| Glycine | 1.71 g/100 g |
| Hydroxyproline | 0.17 g/100 g |
| Isoleucine | 0.83 g/100 g |
| Histidine | 0.34 g/100 g |
| Leucine | 1.58 g/100 g |
| Lysine | 1.00 g/100 g |
| Proline | 1.16 g/100 g |
| Serine | 1.14 g/100 g |
| Tyrosine | 0.64 g/100 g |
| Threonine | 0.89 g/100 g |
| Valine | 1.13 g/100 g |
| Cysteine and Cystine | 0.44 g/100 g |
| Methionine | 1.10 g/100 g |
| Tryptophan | 0.25 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 |

COMPOSITION

| | |
|---|------------|
| Organic matter | 60% |
| Organic substance (Cx1.724) | 41% |
| 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.