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ORGANIC BIOSTIMULANT



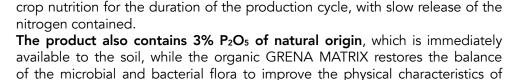
GRENA SPECIAL is recommended for vegetables and fruit crops





Physical state: micro 2 mm

Packaging available: 25 kg bags - 500 kg bags



The abundant quantity of amino acids in GRENA SPECIAL provides excellent

the soil.

Among the amino acids, the **glutamic acid allows greater resistance to abiotic stress**, enhances the photosynthesis, the level of chlorophyll and with the aspartic acid promotes the assimilation of nitrogen. In addition, the presence of **alanine among free amino acids helps the regulation of the opening of the stomata**, particularly useful in stressful environmental conditions, such as drought.

| AMINO ACIDS IN GREN | NA 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 |
| | |

| FREE A | MINO ACIDS | |
|----------|------------|--------------|
| Glutamic | Acid | 0.12 g/100 g |
| Alanine | | 0.24 g/100 g |
| Leucine | | 0.11 g/100 g |
| | | |

Tryptophan

0.19 g/100 g

| COMPOSITION | |
|---|-----------|
| Organic matter | 60% |
| Organic substance (Cx1.724) | 47% |
| Amino acids and proteins (Nx6.25) | 31% |
| Humic and fulvic acids | 9% |
| Humidity | 7% |
| Total nitrogen (N) | 5% |
| Organic nitrogen (N) | 5% |
| Phosphoric anhydride (P ₂ O ₅) | 3% |
| Total potassium oxide (K ₂ O) | 1.3% |
| Organic carbon (C) | 27% |
| Calcium (CaO) natural origin | 10% |
| C/N | 5.5 |
| Specific weight | 0.70 kg/L |

| CROP | TIMING* | APPLICATION | DOSAGE/HA* |
|----------------------------|------------------------------|---|----------------|
| Greenhouse vegetable crops | pre-sowing or pre-transplant | scatter the product in soil preparation | 800-1200 kg/ha |
| Open field crops | pre-sowing or pre-transplant | scatter the product in soil preparation | 700-1000 kg/ha |
| Citrus fruits | Autumn - winter | localized distribution per row | 600-1000 kg/ha |
| Orchards and vineyards | Autumn - winter | localized distribution per row | 600-1000 kg/ha |
| Potatoes and asparagus | pre-sowing or pre-transplant | scatter the product in soil preparation | 400-600 kg/ha |

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