



GRAN VIGNETO GRENA

Organo-mineral fertilizer 7.5.12 + (4 MgO, 4 CaO)
Bistimulant



Recommended for:
Vineyards - Orchards



AMINO ACIDS IN GRENA MATRIX

Aspartic acid	1,25	g/100 g
Glutamic acid	1,62	g/100 g
Alanine	1,02	g/100 g
Arginine	0,83	g/100 g
Phenylalanine	0,56	g/100 g
Gycine	0,95	g/100 g
Hydroxyproline	0,22	g/100 g
Isoleucine	0,62	g/100 g
Histidine	0,31	g/100 g
Leucine	1,10	g/100 g
Lysine	0,56	g/100 g
Proline	0,85	g/100 g
Serina	0,87	g/100 g
Tyrosine	0,33	g/100 g
Threonine	0,59	g/100 g
Valine	0,80	g/100 g
Cysteine and cystine	0,18	g/100 g
Methionine	0,19	g/100 g
Tryptophan	0,09	g/100 g

FREE AMINO ACIDS

Glutamic acid (free)	0,06	g/100 g
Alanine (free)	0,12	g/100 g
Leucine (free)	0,05	g/100 g

MICRO-ELEMENTS

B	2,30	mg/kg
Fe	330	mg/kg
Mn	18,6	mg/kg
Cu	2,87	mg/kg
Zn	33,6	mg/kg

COMPOSITION

Organic substance (SS)	31%
Amino acids and proteins	20%
Humic and fulvic acids	8,5%
Humidity	7%
Total nitrogen (N)	7%
Organic nitrogen (N)	3%
Ammoniacal nitrogen (N)	4%
Total phosphoric anhydride (P₂O₅)	5%
Total potassium oxide (K₂O)	12%
Organic carbon (C) of biological origin	18%
Sulphuric anhydride (SO ₃)	15%
Magnesium Oxide (MgO) of mineral origin	4%
Calcium (CaO) natural origin	4%
C/N	2,5

SOURCE

Organic: hydrolyzed proteins of animal origin by thermal hydrolysis
Mineral: ammonium sulphate, DAP, potassium chlorure, dolomite

FEATURES

FERTIGRENA 7.5.12 (4 MgO) is an organo-mineral fertilizer ideal for cross-fertilization (plants of orchards and vineyards, in pre-sowing). As organo-mineral, FERTIGRENA 7.5.12 (4 MgO) is constituted by the union of organic matrices of high quality (proteins, amino acids, humic acids and fulvic acids derived from thermal hydrolysis) that promote the root development of the plants. also it is facilitated absorption of the nutrients contained in the fertilizer and soil.

The percentage of total nitrogen is harmonized in a gradual presence of ammonia and organic nitrogen, and with the **presence of potassium**, very soluble form, favor the formation of sugars and are therefore crucial in getting high-quality productions. Magnesium in FERTIGRENA 7.5.12 (4 MgO) helps to prevent nutritional deficiencies in crops and provides better physiological processes.

Magnesium helps prevent nutritional deficiencies in crops and ensures better physiological processes. Calcium strengthens cell walls. **In vineyards in particular, it promotes the development of regular internodes and a net increase in the final Babo grade.**

Physical state: pellet 4 mm - micro 2 mm

Packaging available: 25 kg bags - 500 kg big bags

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Vineyards	mid-autumn to late spring	scatter the product in soil preparation	600-800 kg/ha
Orchards (pome fruits, stone fruits, citrus fruits etc.)	mid-autumn to late spring	scatter the product in soil preparation	600-800 kg/ha
Vegetable and flower crops	mid-autumn to late spring	scatter the product in soil preparation	600-800 kg/ha

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