



FERTIGRENA 5.13.8 S (5 MgO)

Organo-mineral fertilizer NPK with potassium sulphate
Biostimulant



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
Glycine	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	17%
Humic and fulvic acids	8,5%
Humidity	7%
Total nitrogen (N)	5%
Organic nitrogen (N)	3%
Total phosphoric anhydride (P ₂ O ₅)	13%
Total potassium oxide (K ₂ O)	8%
Organic carbon (C) of biological origin	18%
Anidride solforica (SO ₃)	12%
Magnesium oxide (MgO) of mineral origin	5%
Calcium (CaO) natural origin	5%
C/N	6

SOURCE

Hydrolyzed proteins of animal origin by thermal hydrolysis
Mineral: Ammonium Sulphate, DAP, Potassium Sulphate, dolomite

Recommended for:

Long-term maintenance and soil preparation where the soil need phosphorus.



FEATURES

FERTIGRENA 5.13.8 S (5 MgO) is an organo-mineral fertilizer ideal for cross-fertilization (plants of orchards and vineyards, in pre-sowing). As organo-mineral, FERTIGRENA 5.13.8 S (5 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. It is also facilitated the absorption of the nutrients contained in the fertilizer and soil. The micro-nutrients can play a catalyst action of the physiological processes in plants, allowing you to make up for any shortcomings.

The presence of potassium helps the formation of sugars and is therefore crucial in getting high-quality productions. Magnesium in FERTIGRENA 5.13.8 S (5 MgO) helps to prevent nutritional deficiencies of crops and provides better physiological processes. The calcium and sulfur prevent possible deficiencies of the respective elements, and also lead to an increase in production quality.

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	800-1000 kg/ha
Orchards (pome fruits, stone fruits, citrus fruits etc.)	mid-autumn to late spring	scatter the product in soil preparation	800-1000 kg/ha
Vegetable and flower crops	mid-autumn to late spring	scatter the product in soil preparation	800-1000 kg/ha

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