



# FERTIGRENA

## 5.13.8 S +3 MgO +8 CaO

**ORGANO-MINERAL FERTILIZER NPK WITH POTASSIUM SULPHATE  
PHYTOSTIMULANT OBTAINED BY REACTION - LOW CHLORINE CONTENT**



FERTIGRENA 5.13.8 S +3 MgO is recommended for basic fertilisation of orchards and vineyards with phosphorus deficiencies

**FREE FROM CHROMIUM VI**

### SOURCE

Organic: meatmeal  
Mineral: ammonium sulphate, diammonium (DAP), potassium sulphate and dolomite



**Physical state:** micro 2 mm - pellet 4 mm

### Packaging available:

25 kg bags - 500 kg bags

FERTIGRENA 5.13.8 is an organo-mineral fertilizer ideal for basic fertilisation (orchards and vineyards, in pre-sowing), it is **suitable for all situations where the soils need a greater supply of phosphorus and magnesium.**

As organo-mineral, FERTIGRENA 5.13.8 is constituted by the union of mineral fertilizer and 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.

The micro-nutrients play a catalyst action on the physiological processes of plants, allowing 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 helps to prevent nutritional deficiencies of crops. The calcium and sulphur prevent possible deficiencies, and also lead to an increase in production quality.

### 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
Serine	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	0.06 g/100 g
Alanine	0.12 g/100 g
Leucine	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 matter	40%
<b>Organic substance (Cx1.724)</b>	<b>28%</b>
Amino acids and proteins (Nx6.25)	13%
Humic and fulvic acids	8.5%
Humidity	7%
<b>Total nitrogen (N)</b>	<b>5%</b>
Organic nitrogen (N)	2%
Ammoniacal nitrogen (N)	3%
<b>Phosphoric anhydride (P<sub>2</sub>O<sub>5</sub>)</b>	<b>13%</b>
<b>Potassium oxide (K<sub>2</sub>O) soluble in water</b>	<b>8%</b>
Organic carbon (C)	16%
Sulphate anhydride (SO <sub>3</sub> )	8%
<b>Magnesium oxide (MgO) of mineral origin</b>	<b>3%</b>
<b>Calcium (CaO) natural origin</b>	<b>8%</b>
C/N	3.2
Specific weight	0.85 kg/L

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Vineyards	autumn - winter	localized distribution per row	800-1000 kg/ha
Orchards (pome fruits, stone fruits etc.)	autumn - winter	localized distribution per row	800-1000 kg/ha
Citrus fruits	autumn - winter	localized distribution per row	800-1000 kg/ha
Greenhouse vegetable crops	pre-sowing or pre-transplant	scatter the product in soil preparation	800-1000 kg/ha
Open field crops	pre-sowing or pre-transplant	scatter the product in soil preparation	800-1000 kg/ha

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