



# FERTIGRENA

## 12.5.6 S +2 MgO +8 CaO

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



FERTIGRENA 12.5.6 S is ideal for olive groves, has a starter effect and contains sulphate potassium

**FREE FROM CHROMIUM VI**

### SOURCE

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



**Physical state:** pellet 4 mm

**Packaging available:**  
25 kg bags - 500 kg bags

FERTIGRENA 12.5.6 is an organo-mineral fertilizer ideal for basic starter fertilisation (orchards and vineyards, in pre-sowing).

FERTIGRENA 12.5.6 is constituted by the union of mineral fertilizers 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 facilitating the absorption of the nutrients contained in the fertilizer and soil.

The micro-nutrients can spur the physiological processes in plants, allowing you to make up for any shortcomings.

The simultaneous presence of phosphorus and potassium creates a synergy of nutritive action against the root system that makes the plant treated with FERTIGRENA 12.5.6 tougher and thriving. With hazel plants the **magnesium in FERTIGRENA 12.5.6, is also important in order to improve fruit set and therefore hazelnut production.**

### 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 (SS) (Cx1.724)</b>	<b>31%</b>
Amino acids and proteins (Nx6.25)	20%
Humic and fulvic acids	7%
Humidity	7%
<b>Total nitrogen (N)</b>	<b>12%</b>
Organic nitrogen (N)	1%
Ammoniacal nitrogen (N)	10%
Ureic nitrogen (N)	1%
<b>Total Phosphoric anhydride (P<sub>2</sub>O<sub>5</sub>)</b>	<b>5%</b>
<b>Potassium oxide (K<sub>2</sub>O) soluble in water</b>	<b>6%</b>
Organic carbon (C)	15%
Sulphuric anhydride (SO <sub>3</sub> )	11%
<b>Magnesium oxide (MgO)</b>	<b>2%</b>
<b>Calcium (CaO) natural origin</b>	<b>8%</b>
C/N	1.25
Specific weight	0.85 kg/L

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Olive groves	autumn - winter	localized distribution per row	600-800 kg/ha
Vineyards	autumn - winter	localized distribution per row	600-800 kg/ha
Orchards (pome fruits, stone fruits, citrus fruits etc.)	autumn - winter	localized distribution per row	600-800 kg/ha
Hazelnuts	autumn - spring	localized distribution per row	600-800 kg/ha
Flower crops	pre-sowing or pre-transplant	scatter the product in soil preparation	600-800 kg/ha
Ornamental nurseries	in spring	scatter the product in soil preparation	600-800 kg/ha

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