

# GRAN VIGNETO

## 7.5.12 +2 MgO +8 CaO

**ORGANO-MINERAL FERTILIZER NPK**  
**PHYTOSTIMULANT OBTAINED BY REACTION**



GRAN VIGNETO is an organo-mineral fertilizer ideal for basic fertilisation (orchards and vineyards).

The percentage of total nitrogen is harmonized with a presence of ammoniacal and organic nitrogen.

Together with the presence of phosphorus and potassium creates a synergy where phosphorus helps to strengthen the cell walls of the plant and potassium promotes the formation of sugars; it is helped in this function by the amino acids that stimulate and increase of radical absorption.

The magnesium and calcium in GRAN VIGNETO help prevent nutritional deficiencies in crops and provide better physiological processes

In vineyards in particular, it promotes the development of regular internodes and a net increase in the final Babo grade.

### 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

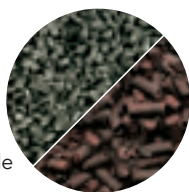
### COMPOSITION

Organic matter	40%
Organic substance (SS) (Cx1.724)	31%
Amino acids and proteins (Nx6.25)	10%
Humic and fulvic acids	8,5%
Humidity	7%
Total nitrogen (N)	7%
Organic nitrogen (N)	1.6%
Ammoniacal nitrogen (N)	5.4%
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> )	5%
Potassium oxide (K <sub>2</sub> O) soluble in water	12%
Organic carbon (C)	16%
Sulphuric anhydride (SO <sub>3</sub> )	15%
Magnesium oxide (MgO) of mineral origin	2%
Calcium (CaO) natural origin	8%
C/N	2.3

**FREE FROM CHROMIUM VI**

### SOURCE

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



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

### Packaging available:

25 kg bags - 500 kg bags

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Vineyards	autumn - winter	localized distribution per row	500-600 kg/ha
Orchards (pome fruits, stone fruits, etc.)	autumn - winter	localized distribution per row	500-600 kg/ha
Citrus fruits	autumn - winter	localized distribution per row	1400-1600 kg/ha
Open field crops	pre-sowing	scatter the product in soil preparation	500-600 kg/ha

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