

# 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

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

### COMPOSITION

Organic matter	40%
<b>Organic substance (Cx1.724)</b>	<b>28%</b>
Amino acids and proteins (Nx6.25)	10%
Humic and fulvic acids	8.5%
Humidity	7%
<b>Total nitrogen (N)</b>	<b>7%</b>
Organic nitrogen (N)	1.6%
Ammoniacal nitrogen (N)	5.4%
<b>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>12%</b>
Organic carbon (C)	16%
Sulphuric anhydride (SO <sub>3</sub> )	15%
<b>Magnesium oxide (MgO) of mineral origin</b>	<b>2%</b>
<b>Calcium (CaO) natural origin</b>	<b>8%</b>
C/N	2.3
Specific weight	0.85 kg/L

**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.