

# GRENA VERDE

## 4.5.8 S +2 MgO +18 CaO

PERMITTED  
IN ORGANIC  
FARMING  
**BIO**



ORGANO-MINERAL FERTILIZER

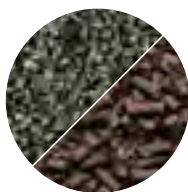


GRENA VERDE is recommended for the fertilization in the autumn-winter period

FREE FROM  
PHOSPHITES AND  
CHROMIUM VI

### SOURCE

**Organic:** meatmeal and feathermeal  
**Mineral:** soft ground rock phosphate, potassium sulphate and dolomite



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

### Packaging available:

10 kg bags - 25 kg bags - 500 kg big bags

GRENA VERDE 4.5.8 S (18 CaO) is obtained by reaction between the organic matrix and mineral materials: soft ground rock phosphate, potassium sulphate and dolomite; all are allowed in organic farming.

The balanced allocation of organic nitrogen, phosphorus and potassium, makes GRENA VERDE an excellent product for the maintenance in the autumn-winter period. The presence of CaO activates the amino acids in the organic GRENA matrix, thus supporting the growth of plants and enhancing the taste of the fruit, while simultaneously building up the defenses of the plant.

### 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

### 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>41%</b>
Amino acids and proteins (Nx6.25)	25%
Humic and fulvic acids	11%
Humidity	7%
Total nitrogen (N)	4%
<b>Organic nitrogen (N)</b>	<b>4%</b>
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> )	5%
<b>Total potassium oxide (K<sub>2</sub>O)</b>	<b>8%</b>
Organic carbon (C)	24%
<b>Magnesium oxide (MgO) mineral origin</b>	<b>2%</b>
Sulphuric anhydride (SO <sub>3</sub> )	13%
<b>Calcium (CaO) natural origin</b>	<b>18%</b>
C/N	6
Specific weight	0.85 kg/L

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Vineyards	mid-autumn to late spring	localized distribution per row	500-600 kg/ha
Orchards (pome fruits, stone fruits, citrus fruits etc.)	mid-autumn to late spring	localized distribution per row	600-800 kg/ha
Greenhouse vegetable 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.