



# FERTIGRENA

## 4.0.12

### ORGANO-MINERAL FERTILIZER NK PHYTOSTIMULANT OBTAINED BY REACTION

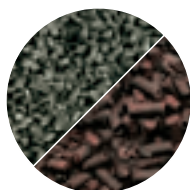


FERTIGRENA 4.0.12  
is ideal for basic fertilisation  
of vineyards

**FREE FROM  
CHROMIUM VI**

#### SOURCE

Organic: meatmeal  
Mineral: ammonium  
sulphate and  
potassium chloride



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

#### Packaging available:

25 kg bags - 500 kg bags

FERTIGRENA 4.0.12 is an organo-mineral fertilizer NK particularly suitable for vineyards and orchards where the of phosphorus in the soil is high. The high intake of organic potassium in the product allows the formation of sugars for a quality production.

The amount of organic substance is high in this organo-mineral fertilizer and with humic and fulvic acids it integrates the biostimulating effect of amino acids with the formation of humic compounds that will allow the assimilation of potassium.

Just this aggregation by reaction of the mineral with the organic substance allows to have a fertilizer without washout once spread in the soil, a particularly important feature in the periods of intense autumn and spring rain, when the product is usually scattered.

#### 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>39%</b>
Amino acids and proteins (Nx6.25)	20%
Humic and fulvic acids	4%
Humidity	7%
<b>Total nitrogen (N)</b>	<b>4%</b>
Organic nitrogen (N)	2%
Ammoniacal nitrogen (N)	2%
<b>Potassium oxide (K<sub>2</sub>O) soluble in water</b>	<b>12%</b>
Organic carbon (C)	23%
<b>Calcium (CaO) natural origin</b>	<b>8%</b>
C/N	5.7

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	500-600 kg/ha

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