

GRENA NOBEL

3.0.20 S

PERMITTED
IN ORGANIC
FARMING
BIO



ORGANO-MINERAL FERTILIZER NK WITH POTASSIUM SULPHATE

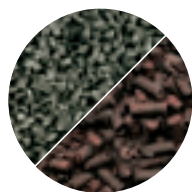


GRENA NOBEL is recommended for the fertilization of vineyards and orchards

**FREE FROM
PHOSPHITES AND
CHROMIUM VI**

SOURCE

Organic: Meatmeal and feathermeal
Mineral: potassium sulphate



Physical state: micro 2 mm - pellet 4 mm

Packaging available:

25 kg bags - 500 kg bags

GRENA NOBEL 3.0.20 is an organo-mineral fertilizer NK particularly suitable for vineyards and orchards where the amount of phosphorus in the soil is high. Through the Grena organic substance it conveys nitrogen from amino acids contained in both animal proteins and feathermeal.

The high intake of biological potassium allows the formation of sugars, resulting in a quality production. The organic substance in GRENA NOBEL is among the richest and most dense of amino acids essential to life. They allow the formation of peptides, indispensable promoters of root proliferation, aroma, resistance to environmental stress. They are antioxidants by nature and promoters of photosynthetic activity and chlorophyll content, as well as cell division during flowering. Particularly suitable for the production of grapes for quality wines.

AMINO ACIDS IN GRENA MATRIX

Aspartic Acid	2.51 g/100 g
Glutamic Acid	3.25 g/100 g
Alanine	2.05 g/100 g
Arginine	1.73 g/100 g
Phenylalanine	1.13 g/100 g
Glycine	1.89 g/100 g
Hydroxyproline	0.45 g/100 g
Isoleucine	1.24 g/100 g
Histidine	0.63 g/100 g
Leucine	2.20 g/100 g
Lysine	1.13 g/100 g
Proline	1.70 g/100 g
Serine	1.74 g/100 g
Tyrosine	0.65 g/100 g
Threonine	1.18 g/100 g
Valine	1.61 g/100 g
Cysteine and Cystine	0.38 g/100 g
Methionine	0.39 g/100 g
Tryptophan	0.19 g/100 g

FREE AMINO ACIDS

Glutamic Acid	0.12 g/100 g
Alanine	0.24 g/100 g
Leucine	0.11 g/100 g

MICRO-ELEMENTS

B	4.62 mg/kg
Fe	661 mg/kg
Mn	37.2 mg/kg
Cu	5.75 mg/kg
Zn	67.2 mg/kg

COMPOSITION

Organic matter	40%
Organic substance (SS) (Cx1.724)	36%
Amino acids and proteins (Nx6.25)	20%
Humic and fulvic acids	4%
Humidity	7%
Total nitrogen (N)	3%
Organic nitrogen (N)	3%
Total potassium oxide (K₂O)	20%
Organic carbon (C)	20%
Calcium (CaO) natural origin	8%
C/N	6.6
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	500-600 kg/ha

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