

# NATURGRENA



## ORGANIC NITROGEN FERTILIZER WITH BIOSTIMULATING AMINO ACIDS



NATURGRENA is registered with Agrios in Trentino Alto Adige, with FiBL in Germany and with BCS Öko-Garantie for worldwide biological certification

**FREE FROM  
PHOSPHITES,  
HEAVY METALS AND  
CHROMIUM VI**

**SOURCE**  
Feathermeal

**Physical state:** micro 2 mm

**Packaging available:**  
25 kg bags - 500 kg bags



The basic content of the refined organic substance, composed exclusively of feather meal, is what makes NATURGRENA stand out as a suitable product in areas where organic farming regulations are more stringent.

Feathermeal contains levorotatory (left-handed) amino acids, and also free amino acids. These have even more mobility and they encourage root proliferation in plants, ensuring a greater absorption of macro-nutrients (N, P, K) already mineralized in the soil.

The high content of organic substance and amino acids from feather meal makes NATURGRENA a biological activator of the soil promoting a rapid root development

### AMINO ACIDS

Aspartic Acid	2.56 g/100 g
Glutamic Acid	4.59 g/100 g
Alanine	1.74 g/100 g
Arginine	2.42 g/100 g
Phenylalanine	1.40 g/100 g
Glycine	2.55 g/100 g
Hydroxyproline	0.15 g/100 g
Isoleucine	1.40 g/100 g
Histidine	0.38 g/100 g
Leucine	2.73 g/100 g
Lysine	1.11 g/100 g
Proline	2.53 g/100 g
Serine	3.26 g/100 g
Tyrosine	1.08 g/100 g
Threonine	1.50 g/100 g
Valine	2.09 g/100 g
Cysteine and Cystine	0.82 g/100 g
Methionine	0.36 g/100 g
Tryptophan	0.23 g/100 g

### MICRO-ELEMENTS

B	1.16 mg/kg
Co	0.221 mg/kg
Fe	644 mg/kg
Mn	54.1 mg/kg
Mo	0.639 mg/kg
Zn	115 mg/kg

### FREE AMINO ACIDS

Glutamic Acid	0.06 g/100 g
Alanine	0.08 g/100 g
Glycine	0.02 g/100 g
Isoleucine	0.02 g/100 g
Leucine	0.02 g/100 g
Lysine	0.01 g/100 g
Proline	0.01 g/100 g
Serine	0.02 g/100 g
Valine	0.02 g/100 g

### COMPOSITION

Organic matter	64%
<b>Organic substance (SS) (Cx1.724)</b>	<b>64%</b>
Amino acids and proteins (Nx6.25)	37.5%
Humic acids	7.2%
Fulvic acids	2.2%
Humidity	7%
<b>Total nitrogen (N)</b>	<b>6%</b>
Organic nitrogen (N)	6%
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> )	1%
Total potassium oxide (K <sub>2</sub> O)	1%
Organic carbon (C)	32%
<b>Calcium (CaO) natural origin</b>	<b>15%</b>
C/N	5.3

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Vineyards	mid-autumn to late spring	localized distribution per row	600-800 kg/ha
Orchards (pome fruits, stone fruits, citrus fruits etc.)	mid-autumn to late spring	localized distribution per row	700-900 kg/ha
Hops	mid-autumn to late spring	scatter the product in soil preparation	600-800 kg/ha
Greenhouse vegetable crops	pre-sowing or pre-transplant	scatter the product in soil preparation	600-800 kg/ha
Open field crops	pre-sowing or pre-transplant	scatter the product in soil preparation	400-500 kg/ha

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