



NATURGRENA

Organic Eco-Product Micro biostimulant
Permitted in organic farming



Recommended for:

organic farming, and where the organic farming regulations are especially strict



AMINO ACIDS IN GRENA MATRIX

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
Serina	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	0,22 mg/kg
Fe	644 mg/kg
Mn	54,1 mg/kg
Mo	0,64 mg/kg
Zn	115 mg/kg

FREE AMINO ACIDS

Glutamic acid (free)	0,06 g/100 g
Alanine (free)	0,08 g/100 g
Glycine (free)	0,02 g/100 g
Isoleucina (free)	0,02 g/100 g
Leucine (free)	0,02 g/100 g
Lysine (free)	0,01 g/100 g
Proline (free)	0,01 g/100 g
Serina (free)	0,02 g/100 g
Valine (free)	0,02 g/100 g

COMPOSITION

Organic substance	64%
Amino acids and proteins	37,5%
Humic acids	17,2%
Fulvic acids	2,2%
Humidity	7%
Total nitrogen (N)	6%
Organic nitrogen (N)	6%
Total phosphoric anhydride (P ₂ O ₅)	1%
Total potassium oxide (K ₂ O)	1%
Organic carbon (C) of biological origin	30%
Calcium (CaO) natural origin	15%
MgO	0,5%
SiO ₂	0,33%

SOURCE

Feathermeal

FEATURES

The basic content of the refined organic substance, composed exclusively of feathermeal, is what makes NATURGRENA stand out as a suitable product in areas where organic farming regulations are more stringent. NATURGRENA is registered with Agrios in the Trentino Alto Adige, with FiBl in Germany and with BCS Öko-Garantie for worldwide biological certification.

The thermal hydrolysis in autoclave breaks down the protein contained in feathers, with the consequent formation of levorotatory amino acids and free amino acids, even more mobile. They in turn benefit the root proliferation of plants, ensuring a greater absorption of the macro-nutrients (N, P, K) mineralized in the soil. The addition of organic matter containing humic and fulvic acids supports the creation of humic compounds, while silicon SiO₂ leads to thicker peel of fruit and more resistance to harmful insects.

Packaging available: 25 kg bags

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