



GRENA LIFE 4.6.10 S (2 MgO)

Organo-mineral eco-fertilizer with potassium sulphate
Permitted in organic farming - Biostimulant



Recommended for:

Long-term maintenance and soil preparation



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
Gycine	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
Serina	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 (free)	0,06	g/100 g
Alanine (free)	0,12	g/100 g
Leucine (free)	0,05	g/100 g

MICRO-ELEMENTS

B	2,30	mg/kg
Fe	330	mg/kg
Mn	18,6	mg/kg
Zn	33,6	mg/kg

COMPOSITION

Organic substance (SS)	39%
Amino acids and proteins	20%
Humic and fulvic acids	4%
Humidity	7%
Total nitrogen (N)	4%
Organic nitrogen (N)	4%
Total phosphoric anhydride (P ₂ O ₅)	6%
Total potassium oxide (K ₂ O)	10%
Organic carbon (C) of biological origin	23%
Sulphuric anhydride (SO ₃)	21%
Magnesium oxide (MgO) of mineral origin	2%
Calcium (CaO) natural origin	2%
C/N	5,7

SOURCE

Organic: hydrolyzed proteins of animal origin by thermal hydrolysis

Mineral: soft ground rock phosphate, potassium sulphate, dolomite

FEATURES

GRENA LIFE 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 LIFE an excellent product for the maintenance of lawns and gardens in the autumn-winter period. The presence of mineral magnesium 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.

GRENA LIFE is available in micro-pellets (2 mm). The small size allows for a significant reduction in quantities and a homogeneous distribution of low visual impact, an important feature were GRENA LIFE to be used on grassy orchards and vineyards, or ornamental lawns and sport fields.

Guaranteed totally free of weed seeds, coliform bacteria, antibiotics, pathogens.

Physical state: pellet 4 mm - micro 2 mm

Packaging available: 10 kg bags - 25 kg bags - 500 kg big bags

CROP	TIMING*	APPLICATION*	DOSAGE/HA*
Vineyards	mid-autumn to late spring	scatter the product in soil preparation	500-600 kg/ha
Orchards (pome fruits, stone fruits, citrus fruits etc.)	mid-autumn to late spring	scatter the product in soil preparation	600-800 kg/ha
Vegetable and flower crops	mid-autumn to late spring	scatter the product in soil preparation	800-1000 kg/ha
Roses	mid-autumn to late spring	scatter the product in soil preparation	1500-1800 kg/ha
Ornamental lawns	mid-autumn to late spring	scatter the product in soil preparation	800-1200 kg/ha

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