



GRENA LIFE 4.6.10 S (2 MgO)

Organic-mineral eco-fertilizer
Permitted in organic farming



Also available in micro-flakes



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
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
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)	0,062	g/100 g
Alanine (free)	0,115	g/100 g
Leucine (free)	0,053	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 substance	41%
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	20%
Sulphuric anhydride (SO ₃)	21%
Magnesium Oxide (MgO) of mineral origin	2%

SOURCE

Organic: Hydrolyzed proteins of animal origin by thermal hydrolysis
Mineral: soft ground rock phosphate, potassium sulphate, dolomite

FEATURES

The organic GRENA MATRIX is unique because rich in levorotatory amino acids (14-56% in 100kg O.S.) including humic and fulvic acids, carboxylic acids (eg. EDTA) and organic amines, which possess an excellent bio-stimulating action. 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 (2mm). The small size makes for a homogeneous distribution of low visual impact, an important feature were GRENA LIFE to be used on ornamental lawns and sport fields.

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

Packaging: 10kg – 25kg – 500kg 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. Not to be applied to edible parts of the crop.