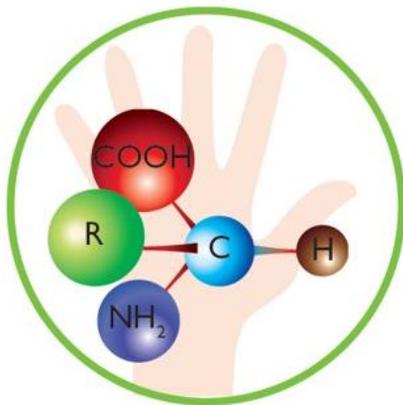


PRODUCT SHEET

HYDROVERDE



**BIOSTIMULANT CONSISTING OF 100% ENZYMATIC
HYDROLYZATE OF VEGETABLE ORIGIN**

**Products with a specific action based on
molecules and natural substances
capable of acting on the primary and
secondary metabolism of the plants**

Smileybee Ltd .

Strovolou, 77 Strovolos Centre II/204, Strovolos, 2018, Nicosia, Cyprus

Distributed by:

Smileybee Ltd - Strovolou, 77 Strovolos Centre II/204, Strovolos, 2018, Nicosia, Cyprus

PRODUCTION AND PACKAGING WORKSHOP

Smileybee Ltd. India

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Reg. CE 889/2008 Annex 1



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FEATURES

Total nitrogen:	6,3 %
Organic nitrogen:	6,3 %
Organic carbon:	17 %
Total amino acids	42 %
Free amino acids	10%
Average molecular weight	less than 5 KDa.
Degree of racemization	Nihil
Levogyra form %	~100%
pH	6.5

PROPERTIES

- ❑ HYDROVERDE has a positive effect on the mineral nutrition of crops, increases the bioavailability of nutrients, increases root absorption and improves nutrient assimilation processes at the cellular level.
- ❑ The product increases the tolerance of crops to abiotic stresses such as extreme temperatures, salinity, drought and low light availability.
- ❑ The application of HYDROVERDE increases photosynthetic activity and activation of secondary metabolism of the plant.
- ❑ The contribution of protein hydrolysates modifies the composition and activity of the useful rhizosphere macroflora, integrating the nutrient substrate of the microflora with amino acids and peptides and consequently improving the biological fertility of the soil.
- ❑ HYDROVERDE, protein hydrolysate produced by soy is an inducer of resistance, acting as an elicitor or activating the endogenous defense mechanisms of plants



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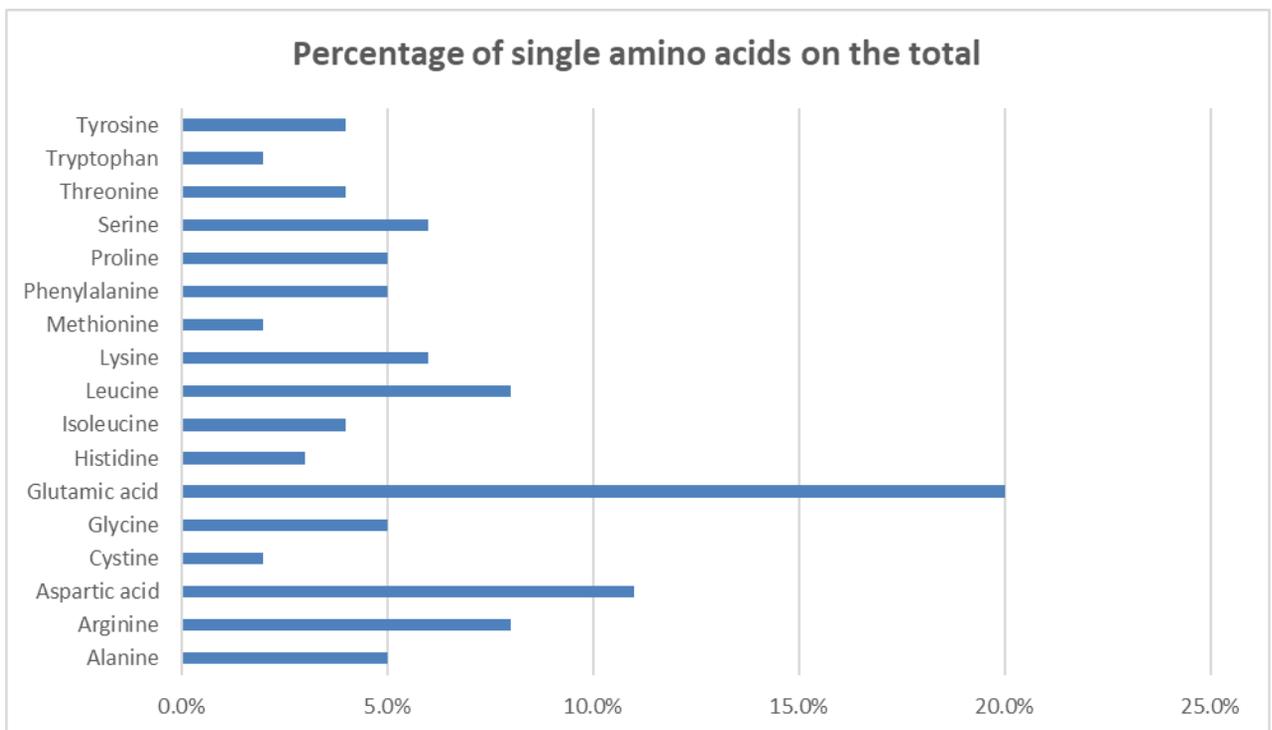


GENERAL INFORMATION

Protein hydrolysate consisting of a mixture of amino acids and peptides obtained by enzymatic hydrolysis of proteins of vegetable origin derived from Glycine max.

Enzymatic hydrolysis involves the use of proteolytic enzymes that selectively split the amino acid chain of proteins at peptide bonds obtaining both free amino acids and low molecular weight peptide. Hydrolysis takes place at temperatures below 60°C so as not to degrade the thermolabile amino acids.

AMINOGRAM



HYDROVERDE

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DOSES AND METHODS OF USE

HYDROVERDE can be used both foliar and root from the beginning to the end of the crop cycle

In stressful situations, such as the risk of frosts can be used both preventively and post-event (at maximum label dosage), in case of hailstorm the timeliness of the intervention is essential for an immediate vegetative recovery of the affected plants.

Crops	Foliar g/ha	Fertigation kg/ha
Vegetables	150/300	15-20 kg
Stone fruit and small fruits	200/400	20-25 kg
Pomaceas and actinidia	200/400	20-25 kg
Vine	350/450	20-25 kg
Olive and Citrus	300/500	20-25 kg
Industrial crops	200/300	20-25 kg
Floricultural and ornamental	150/200	15- 20 kg
Turf – Lawn	200/250	10-15 kg

WARNINGS

HYDROVERDE is compatible with all fertilizers, insecticides, acaricides, fungicides and herbicides.

Use in the cooler hours. Do not exceed the recommended doses.

