

Assimila

BIOSTIMULANT WITH ANTI-STRESS ACTION



PRODUCT WITH SPECIFIC ACTION ALFALFA PROTEIN HYDROLYSATE

ASSIMILA is an organic fertilizer with biostimulant properties, rich in plant-derived amino acids obtained through the enzymatic hydrolysis of alfalfa protein extract. The product is distinguished by its rapid absorption and significant nourishing effect on both foliage and roots. Thanks to its unique characteristics, it stimulates plant growth and provides excellent recovery support for plants affected by root asphyxia, frost, or late-season cold snaps. When used regularly, it boosts nitrogen metabolism—reducing nitrate accumulation in the leaves—and enhances the efficacy and absorption speed of phytosanitary treatments when used in combination with them.

- Improves the plant's nutritional status.
- Increases tolerance to abiotic stresses (extreme temperatures, drought, salinity, low light).
- Increases resistance to pest attacks.
- Effective in reducing nitrate content in leaves.
- Improves the efficacy of crop protection treatments.
- Helps reduce nitrate content in leaves.
- Promotes the accumulation of proteins, sugars, and antioxidants in fruit, improving produce quality.
- Enhances enzymatic activity.
- Increases photosynthesis.

REGISTRATION

SIAN Registry No. 0014342/15

COMPOSITION (% w/w)

Organic Nitrogen (N) 4.5
Organic Carbon (C) 15
Total amino acids 28
Free amino acids 3.5

PHYSICAL PROPERTIES

pH (1% solution) 5.2
Density (g/ml, 20°C) 1.24
Color Dark brown

FORMULATION

Soluble liquid

PACKAGING

1 kg bottle
6 kg jerrycan

SHIPPING CARTON

16 x 1 kg packs
4 x 6 kg packs

APPLICATION

Foliar
Root/Soil



1 kg



6 kg

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 4 applications throughout the cycle	200 – 300 g/100 L of water
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 4 applications throughout the cycle	10 – 12 kg/ha

Precautions: Shake the product well before use. Conduct preliminary tests before mixing with other products. Adhere to the specified dosages. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between +5°C and +35°C.

