chitosano serbios

Basic substance



Features

Chitosan is a monosaccharide mainly composed of monomeric glucosamine extracted from chitin in the exoskeletons of crustaceans through a deacetylation process. It's a completely natural chitosan hydrochloride-based elicitor that is perfectly soluble in water. It stimulates a plant's self-defense reaction against fungal and bacterial pathogens. It enhances seed germination (seed treatments) and increases plant resistance to negative abiotic factors such as heat and water stress.

Fields of application

It can be used on many crops. It should preferably be applied with low to medium water volumes (200-500 l/ha), at intervals of 2 weeks. For strawberries, grapes, and small fruits: 50-200 ml/100 l of water. For vegetables, ornamentals, spices, and forage crops: 50-100 ml/100 l of water. For cereals (pre-sowing) and sugar beet: 50-100 ml/100 l of water (at low volume, 1 treatment).

COMPOSITION	Chitosan hydrochloride: 5% Deacetylation degree: >90% Solubility: >99% Heavy metals: <40 ppm pH: 3,5-4,5
HAZARD CLASSIFICATION	The product is not classified as hazardous according to Regulation (EC) 1272/2008 (CLP)
FORMULATION	Liquid solution
PACKAGING	1 l bottle - Box of 20 pieces 5 l tank - Box of 4 pieces

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