

Basic Substance: Hydrochloride Chitosan Under the rules EC 1107/2009

FEATURES

ACM-SEAFORCE is based in chitosan hydrochloride extract. Chitosan is a bio-molecule extracted from marine shells, such as lobsters, crabs and prawns and also others with exoskeletal or shells.

It is a natural polymer composed of randomly distributed chains of β - (1-4) D-glucosamine and N-acetyl-D-glucosamine, which is obtained from chitin by basic hydrolysis or by enzymatic hydrolysis and whose primary function is to act as stimulating natural defense mechanisms, ensuring basic protection for crops.

Chitosan is mainly used to help plants growth due to its properties as a substance that can promote plant defense against fungal infections. It has a fungicidal and bactericide effect by the natural defense mechanism stimulation.

Product for use in organic farming under Regulation (EC) No. 834/2007. Certificate No. CM260PAE-07.13 by SOHISCERT.

Hydrochloride chitosan can be used in water solution to be applied for various crops or seed treatment. The main applications of chitosan hydrochloride in crops are:

- Control and prevention of nematodes, producing a nematostatic effect and better absorption of water due to increased production of roots and rootlets.
- Increase the balanced development of air and root system.
- Films to cover fruits, leaves, seeds and vegetables, for citrus, mango, grapefruit, papaya, strawberry, tomato crops.
- Growth stimulation in all crops.
- Inhibitor in darkening fruits and tuber, bananas and papayas crops.
- Biocides, in tomato, papaya and vegetables.
- It induces self-defence mechanism in all crops.

Conditions of use are approved on March 20, 2014 by the Standing Committee on Chain Food and Animal Health (SANCO/12388/2013) Rev. 2:

DOSE AND APPLICATIONS



FRUITS AND OLIVE TREE



GRAPEVINE



CEREALS AND BANANAS



HORTICULTURAL

Pest controlled:

Increases plant resistance against pathogenic fungi and bacteria, stimulator system root and prevention against nematodes.

Dosage: 0,2 l/Hl; 2 L/Ha

Recommendations:

Apply it from the growth of the stem to the development of first fruits.

Perform 4 applications with a minimum of 15 days between each applications.

GUARANTEED RICHNESS in % w/w

Chitosan Hydrochloride extract: 5%
pH: 5-6
Density: 1,0 – 1,10 g/cm³
Appearance: Soluble liquid orange candy color



RESIDUE ZERO

CAUTIONS

The recommendations and information that we provide are the result of wide and severe test. However in its use may factor out of our control may appear such as weather, broths preparation, applications, etc. The company guarantees the composition, formulation and content. User is responsible for the damage caused by fault of efficacy, toxicity, waste, etc. not to follow total or partial label instructions. Store it in its original package in a dry and protected from extreme temperatures (5 °C-35 °C) place. Keep out of the reach of children. Keep away from food, drink and feed. In case eyes and skin contact wash immediately with plenty of water.

