

Chitosan



Antibiotic action against pests and pathogens - Animal origin (shellfish)



COMPOSITION

Chitosan hydrochloride	5%
Appearance	sediment-free solution
Solid content	> 6%
pH	3.7 - 4.3
Specific weight	1.02 - 1.04

 **Appearance**
Liquid

 **Application**
Foliar / Seed treatment

 **Packaging**
1 - 5 - 25 Kg

DESCRIPTION

Chitosan is one of the few cationic polymers present in nature and it's used in a wide range of applications.

SKL Chitosan is extracted from exoskeleton of crustaceans (industry standard), but it is the only Chitosan activated through a patented process that increases its positive charge and the contact surface, so bioprotective and fungistatic power is amplified.

SKL Chitosan is indicated for a wide application in agriculture for its low content of heavy metals.

Applied by foliar or for seed treatment, Chitosan induces a series of beneficial responses in many important crops:

- antibiotic action against pests and various pathogens;
- it increases the number of beneficial microbes for plant defense and growth;
- it stimulates plant defense against biotic stresses;
- it regulates plant growth, development, nutrition and resistance to abiotic stresses.

DOSES AND METHOD OF USE

Crops	Growing stage	Max applications	Apply every	Doses g/hl	Water l/ha
Fruit trees	From first leaf to developed fruit	from 4 to 8	2 weeks	50 - 200	200 - 400
Vegetables	From first leaf to developed fruit	from 4 to 8	2 weeks	50 - 100	200 - 400
Cereals	From first leaf to developed fruit	from 4 to 8	2 weeks	50 - 100	200 - 400
Cereals (Seeds treatment)	Before sowing	1	-	50 - 100	no
Spices	From first leaf to developed fruit	from 4 to 8	2 weeks	50 - 100	100 - 400
Forage	From first leaf to developed fruit	from 4 to 8	2 weeks	50 - 100	100 - 400
Potato (tuber treatment)	Before sowing	1	-	50 - 100	no
Sugar beet (Seeds treatment)	Before sowing	1	-	50 - 200	no

Doses refer to those officially published in the Reports by EFSA