ChitoPlant®

Strawberry

Strawberries can be treated in several ways with ChitoPlant® to obtain beneficial effects, such as yield increase, disease prevention, as curative agent or to improve the storage abilities of the berries.

For disease prevention and yield increasing effects it is recommended to submerge the plants before planting or spraying of foliage with ChitoPlant®-solution.

A combined ChitoPlant® treatment with submersion of strawberry plants before planting and foliar spraying increases the yield between 15% and >50% and boosts the disease resistance of your plants significantly.

ChitoPlant® strengthens the plants and induces cell wall lignifications as well as production of defence related enzymes.*

Pathogens ChitoPlant® was tested against: *Sphaerotheca macularis, Bortrytis cinerea* and *Rhizopus stolonifer.*

ChitoPlant®-solution can be applied with conventional equipment.

Submersion of harvested fruits in 10g/L ChitoPlant®-solution protects the berries from rotting diseases.

Strawberry					
Purpose	Yield increase / disease prevention			curative	storage
Mode of application	Submerge plants for 10 min-utes	Foliar spraying (dripping wet)	Band spraying with 100 mL/m	Foliar spraying (dripping wet)	submerge berries
Concentration	0.5g/L	0.25g/L	0.5g/L	1g/L if infestation pressure is high; cultivar is susceptible to patho-gens	10g/L
Time of application	prior to planting	every 14 days	2 days after planting	every 10-12 days	after harvest
Notifications	for best results combine these treat-ments			alternating with conven-tional treatments (e.g. copper-products) is possible	
Preparation	To avoid agglutination dissolve ChitoPlant completely in a small amount of water before filling up to total required volume.				

*For more Information on ChitoPlant and its Mode of Action contact us: Info@ChiPro.de

References:

1. Effects of AMF- and PGPR-root inoculation and foliar chitosan spray in single and combined treatments on powdery mildew disease in strawberry
Lowe et al. 2012

2. Antimicrobial and eliciting of chitosan in the control of grey mold and rhizopus rot of strawberries in storage
Romanazzi et al. 2007

3. Chito Plant und Silio Plant in Erdbeerfrigopflanzen
Landwirtschaftskammer Weser Ems, Dr. R.Faby 2003

For more information on ChitoPlant® and detailed application guidelines please contact us.
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