

ChitoPlant®

Spinach

Treatment with **ChitoPlant®** improves germination rate and growth of spinach plants.

Studies showed that chitosan application to spinach plants results in 20% increased height of plants, 25% more branches per plant, 20% more leaves and enhanced leaf weight by over 25%.

Additionally **ChitoPlant®** boosts the plants resistance against pathogens by activating defence mechanism*.

ChitoPlant®-solution can be easily sprayed with conventional equipment.

Spinach			
Purpose	Yield increase / disease prevention	Enhanced germination	curative
Mode of application	Foliar spraying (dripping wet)	Submerge seeds for 1 minute	Foliar spraying (dripping wet)
Concentration	0.5g/L	0.5g/L	1g/L
Time of application	15 and 25 days after sowing	Prior to sowing	every 10-12 days (maximum);
Notifications	use up to 1g/L if infestation pressure is high		alternating with conventional 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. Untersuchung der Wirkung von *ChitoPlant/SilioPlant* auf das Wachstum von krautigen Pflanzen und die Mykorrhizierung von Kiefern sämlingen
Prof. Dr. W. Heyser & Dr. In-Ock Koh 2002
2. Effect of foliar application of chitosan on growth and yield in indian spinach
Mondal et al. 2011

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