

# ChitoPlant®

## Asparagus

Treatment of asparagus plants directly prior to planting results in significant yield increase. 2g/L ChitoPlant®-solution is recommended for a pre-planting treatment which increases the fresh weight of harvested asparagus shoots by >20%.

Through its eliciting effect chitosan activates immune mechanisms which lead to higher resistance against pathogens.\*

Submersion of the shoots in chitosan-solution with a concentration of 0.5g/L for about 10 minutes prior to storage results in protection against e.g. *Fusarium concentricum* and allows to store the asparagus longer.

Asparagus		
Purpose	yield increase / disease prevention	storage
Mode of application	root dipping	Submersion of shoots for 10 minutes
Concentration	2.0g/L	0.5g/L
Time of application	Prior to planting	before storing
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](mailto:Info@ChiPro.de)

### References:

1. Prüfung von ChitoPlant zur Jungpflanzenbehandlung bei Spargel  
VBOG Langförden 2003
2. Effect of chitosan and its derivatives as antifungal and preservative agents on postharvest green asparagus  
Qui et al. 2014

For more information on ChitoPlant® and detailed application guidelines please contact us.  
Email: [Info@ChiPro.de](mailto:Info@ChiPro.de) or Fon: 0049 (0) 421 276 569 24

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