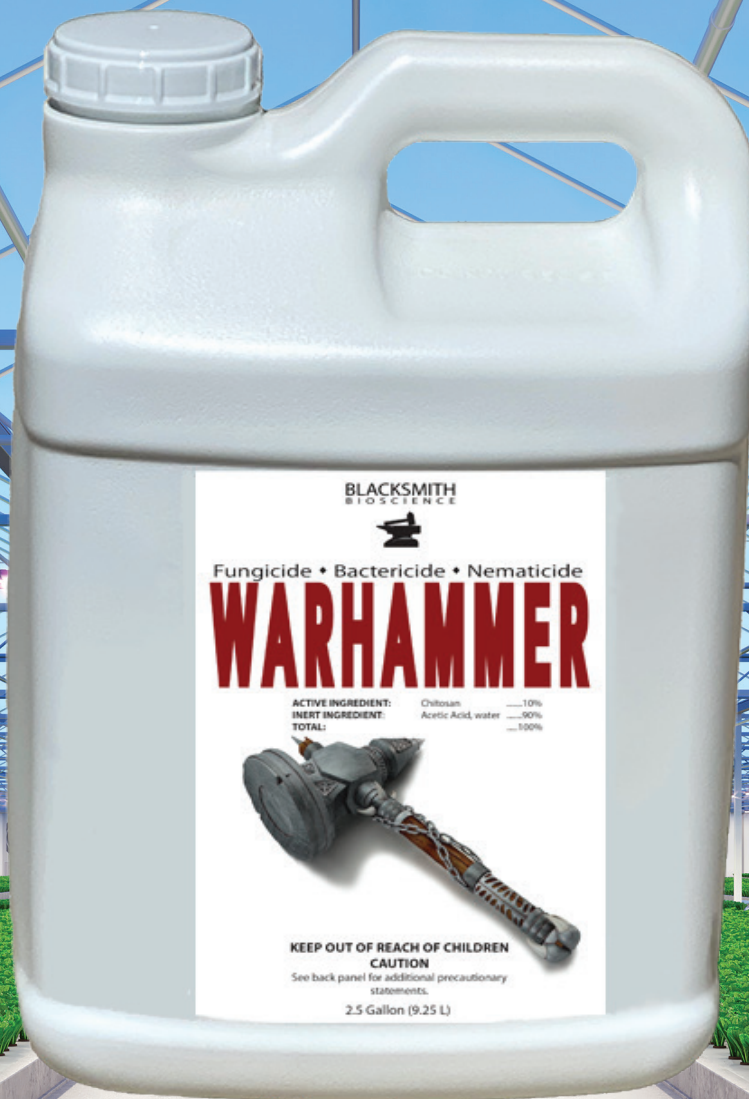


# Disease Problems? Drop The Hammer.



**For All Agricultural  
& Ornamental Crops**



# WARHAMMER™

FUNGICIDE-BACTERICIDE-NEMATICIDE

Chitosan, the active ingredient in WarHammer, is a compound naturally extracted from crustacean shells and fungal cell walls. When applied, chitosan acts to fight diseases in several ways: 1) Activates the plant's natural defence system 2) Disrupts the cell wall of certain fungi and 3) stimulates the beneficial microbes present in the soil.

Diseases suppressed include *Pythium*, *Phytophthora*, *Rhizoctonia*, *Fusarium*, *Pseudomonas*, *Xanthomonas*, Powdery and Downy Mildew, *Botrytis* and much more.

WarHammer can also suppress harmful nematodes including root knot, sting and citrus as well as others.

## Application Rates

**Drench Application:** use 4-8 oz/100 gallons and apply as a soil drench.

Or use 4-8 oz per acre and apply to soil around the root zone.

Reapply every 4-12 weeks or as necessary.

## Foliar Spray Application:

Use 4-8 oz of WarHammer per 100 gallons and apply as a foliar spray wetting the leaves to the point of run off.

Or use 4-8 oz per acre.

Reapply every 1-4 weeks or as necessary.

**For Smaller Applications:** Use 3 ml per gallon of water and apply to plants by drench or spray

For more information, contact us at:

**BLACKSMITH**  
BIOSCIENCE



[www.blacksmithbio.com](http://www.blacksmithbio.com)

## TECHNICAL INFORMATION

Active Ingredient	10% chitosan
General Description	Glucosamine polymer produced by the deacetylation of chitin
Primary Function	Fungicide/Bactericide
Ownership	Blacksmith BioScience
Plant Interaction	Influences biochemistry and molecular biology of the plant cell inducing disease resistance
Additional Benefits	Stimulate beneficial microbes Enhances plant vigor Improves nutrient uptake
Formulation	Liquid
Application	Seed treatment, soil application or foliar spray

## FEATURES/BENEFITS

- **Effective against a wide range of diseases and nematodes**
- **Stimulates beneficial soil microbes**
- **0 REI and 0 day PHI**
- **Safe and effective**
- **Liquid formulation**

**Shelf Life:** Date stamped for a 36 month shelf life. Storing the product at room temperature or cooler could extend shelf life.

**Packaging:** 2.5 gallon jug  
55 gallon drum  
250 gallon tote