

WARHAMMER™

Nematicide – Fungicide - Bactericide

ACTIVE INGREDIENT:

Chitosan 10%

INERT INGREDIENTS

Water, vinegar 90%

Total 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If in Eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center, doctor or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

This product is toxic to aquatic life. Not for aquatic use.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye irritation. Avoid contact with eyes. Wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Net Contents: 2.5 gallon (9.25 L)

DIRECTIONS FOR USE

WarHammer stimulates a plant's immune system enabling it to defend itself from pests and diseases. It can be used on all indoor and outdoor crops against nematodes, fungi, bacteria and some viruses. Soil diseases suppressed include *Fusarium*, *Rhizoctonia*, *Pythium*, *Phytophthora*, *Sclerotinia*, *Verticillium* and other soil borne diseases.

Foliar diseases effectively suppressed: Powdery and Downy Mildew, *Botrytis*, *Erwinia amylovora*, *Sclerotinia*, *Alternaria*, *Monolinia*, *Pseudomonas sp* including *P. syringae*, *Xanthomonas axonopodis* (citrus canker) and *Xanthomonas arboricola pv. Juglandis* and other foliar diseases.

Nematodes suppressed: Root knot nematode (*Meloidogyne spp.*), Root lesion nematode (*Pratylenchus spp.*), Reniform nematode (*Rotylenchulus spp.*), Sting nematode (*Belonolaimus spp.*), Stem nematode (*Anguina spp.*) and Citrus nematode (*Tylenchulus spp.*).

Viruses suppressed: Potato virus X (PVX), leaf curl virus; tomato mosaic, squash mosaic and tobacco mosaic virus

Compatibility

WarHammer dilutes easily and does not require agitation to keep suspended in a solution. WarHammer is compatible with most chemical fungicides, insecticides and fertilizers. Compatibility issues may occur with tank mixes of seaweed and humic acid products. Always do a small jar test prior to tank mixing with other products.

Application Instructions

Apply WarHammer throughout the growing season from early spring to late fall on all indoor and outdoor crops Apply with a minimum of 10-30 gallons of water per acre and a maximum of 200+ gallons of water per acre.

As a soil application, apply at any time during the growing season (pre or post plant as well as post harvest). Applications may be either broadcast over an entire field, in furrow or banded into planting rows.

As a foliar treatment, apply initial application prior to onset of disease season or at any time during the season. Spray wet to runoff.

Pre-Harvest Interval (PHI) and Re-Entry Interval (REI):

There is no REI and no PHI for this product.

FOR SMALL APPLICATIONS:

Use 1 oz per 10 gallons/3mL per gallon. Apply as a spray, soil drench, seed treatment or mixed in nutrient tank.

TURF

Golf Course Tees, Greens and Fairways; Commercial and Residential Lawns; Sod Farms, Athletic Fields, Parks, Cemeteries and Similar Sites

Soil Drench Application or spray equipment: Apply at a rate of 16 oz per acre for initial application or problem areas. Apply maintenance applications of 8 oz. per acre every 2 to 8 weeks through season.

For spray equipment, mix with appropriate amount of water (2-4 gallons per 1000 sq. ft.). Water in immediately after application for 3-6 minutes.

Foliar Spray Application: Apply at a rate of 16 oz per acre for initial application or problem areas. Apply maintenance applications of 8 oz. per acre every 2 to 8 weeks through season.

AGRICULTURE FIELD PRODUCTION

Soil Treatment at Planting:

Use at planting, in-furrow, seeding, or transplant. Apply 4-12 oz. of WarHammer per acre.

Soil Treatment Post Planting:

Apply 4-12 oz per acre.

Seed Treatment:

Prior to planting, dissolve 2-18 oz in 4 oz of water and spray directly on 100 lbs of seed.

Foliar Treatment:

Use 4-12 oz in 20-150 gallons of water per acre. Reapply every 7-14 days depending on disease pressure and environmental conditions.

GREENHOUSE, NURSERY AND CONTROLLED ENVIRONMENT

Soil Drench Mix 4-12 oz 100 gallons of water to create solution. Apply solution as a drench to plants/growing media until soil is saturated without creating run-off.

Greenhouse Foliar Sprays

Use 4-12 oz WarHammer per 100 gallons of water. Apply to foliage and blossoms every 7- 14 days depending on disease pressure. Spray wet to run-off.

POST HARVEST APPLICATION

Use a dilution rate of 4-12 oz per 100 gallons of water to treat harvested crop.

WARHAMMER MAY BE USED ON ALL CROPS INCLUDING, BUT NOT LIMITED TO:

Agronomic Field and Row Crops: Buckwheat, corn (all types), cotton, canola, safflower, sunflower, succulent and dry peas, peanuts, soybeans and other agronomic field and row crops

Alfalfa Hay and Forage: Alfalfa, clover, vetch, trefoil

Small Grains: Rye, rice, sorghum, millet and other small grains

Corn: Popcorn, seed corn, sweet corn and other corn crops

Cucurbit Vegetables: Cucumbers, melons, gourds, squash, cantaloupe, and other cucurbits

Fruiting Vegetables: Eggplant, sweet peppers, hot peppers, tomatoes, tomatillos and other fruiting vegetables

Herb, Spices and Mints: Sage, rosemary, thyme, peppermint, dill, basil, oregano and other herbs and spices

Leafy Vegetables and Cole Crops: Broccoli, brussels sprouts, cabbage, cauliflower, celery, kale, lettuce, spinach and others

Legume and Vegetable Crops: Snap and dry beans, lentils, succulent and dry peas, peanuts, soybeans and others

Root/Tuber and Bulb Crops: Garlic, onions, white potatoes, sweet potatoes, carrot, ginger, ginseng, horseradish, turnip, beets, radish and others

Berry Crops: Blueberries, blackberry, raspberry, loganberry, huckleberry, gooseberry, elderberry, currant, caneberry and others

Citrus: Orange, grapefruit, lemon, tangerine, tangelo, lime, pummelo and other citrus crops

Grape: Wine grapes, table grapes, raisins and other grape crops

Ornamental: All crops grown for ornamental purposes

Pome Fruit: Apple, crabapple, pear, quince, mayhaw and other pome fruit

Stone Fruit: Apricot, cherry, nectarine, peach, plum, prune and other stone fruit

Turf: All types of turf, lawns and ornamental grasses

Tree Nuts: Almond, pistachio, pecan, walnut, filberts and other tree nuts

Tropical Fruits: Agave, avocado, mango, papaya bananas, plantains and other tropical fruits

OTHER CROPS: Sugar Cane, Tobacco, Asparagus, Hops, Watercress, Mushrooms, Ginseng, Olives, Hemp, All crops grown for seed, Coffee

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place at or below 68°F (20°C). Store in original container only. Keep container tightly closed, when not in use.

Pesticide Disposal: Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility. **Container Handling:** Nonrefillable container, do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying.

Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then of.

Optimum storage temperature is 33°F to 95°F.

Manufactured by:
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LIMITED WARRANTY/DISCLAIMER

Manufacturer warrants that this product is suited for the labeled uses when applied according to label directions. Manufacturer makes no warranty of merchantability. To the extent consistent with applicable law, there are no warranties that extend beyond the description on this label and in no event shall manufacturer be liable for any consequential damages.

This product has not been registered by the United States Environmental Protection Agency. Blacksmith BioScience represents that this product qualifies for exemption from registration under FIFRA Section 25(b).

BEST IF USED BY: