

KEEP NEMATODES FROM WORMING THEIR WAY INTO YOUR BUSINESS



A Bio-Pesticide for control of plant parasitic nematodes

Compatible with most water based pesticides & fertilizers

Ground Spray or Shank Injection Application

May enhance activity of some products by acting as wetting agent

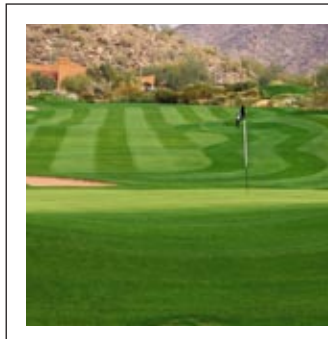


(559) 499-2100
MontereyAgResources.com



Recommended for:

- Vineyards
- Orchards
- Field Crops
- Turf
- Ornamentals



MIXING: Fill tank with water to at least half full, then add recommended dosage of Nema-Q directly to the tank and continue filling. Agitation should be minimized in the tank (shut off paddle agitation if possible) to prevent foaming. To reduce foaming, an agricultural defoamer may be added to the tank mix. However, Nema-Q foam is very water soluble, will form a true solution, and should not be a concern for settling in the tank. Apply solution within three hours of mixing.

COMPATIBILITY: Nema-Q is a water soluble botanical extract. It is physically compatible with most water based pesticides and liquid fertilizers providing the pH of the final solution is in a pH range of 3 to 8. Do not apply Nema-Q with any other product before testing for physical and chemical compatibility.

APPLICATION METHODS: Ground Spray, Shank Injection or Chemigation Application methods. Consider the high solubility of this product when choosing a method of application and timing.

APPLICATION RATES FOR CONTROL OF NEMATODES: To control/suppress plant parasitic nematodes, apply Nema-Q to the full irrigated zone. For row crops, the irrigated zone is 30-50% of the row area. For orchards or around trees, apply from tree trunk to drip-line to cover at least 50% of soil area or the area under the canopy of the tree,

whichever is greatest. Single applications should be made in the spring just prior to or during root flush, and again in the fall after harvest. For best results, multiple applications may be made in the spring, followed by a single application in the fall after harvest.

STORAGE AND DISPOSAL

Pesticide Storage: Store in cool dry area.
Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal: Un-Refillable Container. Do not refill or reuse this container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY: Monterey AgResources warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is

also subject to the conditions and limitations stated herein.

ACTIVE INGREDIENT:

*Saponins of Quillaja saponaria 8.6%
 Other Ingredients: 91.4%
 Total: 100.0%

*bidesmosidic derivatives of quillajic acid substituted with a trisaccharide at C-3 and an oligosaccharide in C-28

EPA Reg. No. 82572-1-17545

WARNING

KEEP OUT OF REACH OF CHILDREN

Please see product label for complete Directions for Use.



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APPLICATION

CROP

Berries (Not for use in California): Blackberry (including boysenberry, dewberry, marionberry, olallieberry, youngberry), Blueberry, Cranberry, Currant, Elderberry, Gooseberry, Huckleberry, Loganberry, Rasperry (black and red)
Citrus: Calamondin, Citrus citron, Citrus hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarins, Orange (sour and sweet), Pummelo
Grapes (raisin, table, wine)
Nut Crop: Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Cinquapin, Filbert, Macadamia, Pecan, Walnut (black and English)
Pome Fruit: Apple, Crabapple, Loquat, Mayhaw, Pear (including oriental pear), Quince
Stone Fruit: Apricot, Cherry (sweet or tart), Nectarine, Peach, Plum, Plumcot, Prune

REMARKS

On heavily infested soils, apply 3 gallons in 300-600 gallons water per acre (to achieve a concentration of 5,000-10,000 ppm) in a single application.
 On light to moderately infested soils, apply 1.5 gallons in 150-300 gallons water per acre (to achieve a concentration of 5,000-10,000 ppm) in a single application.
 For best results, multiple applications may be made at a rate of 2 quarts/acre in 50-100 gallons water per acre (to achieve a concentration of 5,000-10,000 ppm) every 7-14 days for up to 10 weeks.

CROP

Cole Crops: Broccoli (including Chinese and raab), Brussels sprouts, Cabbage (including Chinese), Cauliflower, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens
Cucurbit Vegetables: Chayote, Chinese waxgourd, Citron melon, Cucumber, Gherkin, Edible gourd, Momordica spp. (including balsam apple, balsam pear, bitter melon, Chinese cucumber), Muskmelon (including cantaloupe, casaba, crenshaw, golden pershaw, honeydew, honey balls, mango, Persian, pineapple, Santa Claus, and snake), Pumpkin, Summer squash (including crookneck, scallop, straightneck, vegetable marrow and zucchini), Watermelon, Winter squash (including acorn, butternut, calabaza, hubbard, and spaghetti)
Fruiting Vegetables: Eggplant, Groundcherry, Pepino, Pepper (including bell, chili, cooking, pimento and sweet), Tomatillo, Tomato
Leafy Vegetables: Amaranth, Arugula, Cardoon, Celery (including Chinese celery), Celtuce, Chervil, Edible chrysanthemum, Corn salad, Cress (garden and upland), Dandelion, Dock (sorrel), Endive (escarole), Fennel, Lettuce (head and leaf), Orach, Parsley, Purslane (garden and winter), Radicchio, Rhubarb, Spinach (including New Zealand and vine), Swiss chard
Strawberry

REMARKS

Apply 1-7 days preplant to the planting zone. Apply centered on the top of the row on pre-wetted soil. Follow with water to assure penetration of the product into the root zone.
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Bulb Vegetables: Garlic, Leek, Onion (including dry bulb, green and Welch), Shallot
Root and Tuber Vegetables: Arrachacha, Arrowroot, Artichoke, Beet (garden and sugar), Burdock, Canna, Carrot, Cassava (bitter and sweet), Celeriac, Chayote, Chervil, Chicory, Chufa, Dasheen, Ginger, Ginseng, Horseradish, Leren, Parsley (turnip rooted), Parsnip, Potato, Radish, Rutabaga, Salsify, Skirret, Sweet potato, Tanier, Turmeric, Turnip, Yam (bean and true)
Ornamentals: Bare root, container, bedding and flowering stock, cut flowers, nursery and landscape, potted flowering, shade and flowering trees, woody ornamentals

REMARKS

Apply prior to planting to row area to be planted. Apply centered on the top of the row on pre-wetted soil. Follow with water to assure penetration of the product into the root zone.
 On heavily infested soils, apply 3 gallons in 300-600 gallons water per acre (to achieve a concentration of 5,000-10,000 ppm) in a single application.
 On light to moderately infested soils, apply 1.5 gallons in 150-300 gallons water per acre (to achieve a concentration of 5,000-10,000 ppm) in a single application.
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CROP

Turfgrass: Ornamental lawns, Golf courses, Sod farms
 For control of *Anguina pacifica* nematode only.

REMARKS

Apply 9 fl.oz. in 3-7 gallons water per 1,000 sq.ft. (equivalent to 3 gallons in 130-300 gallons water per acre) using a sprayer with a pressure nozzle tip applicator sufficient to penetrate into the lower part of the turf leaves where *Anguina pacifica* nematode galls are formed. Do not exceed a concentration of 1.5% solution of Nema-Q in any application.
 Repeat applications every 5-10 days. Additional applications to break the life cycle of the nematode should be repeated 2-4 times within 60 days to significantly reduce this pest problem in one season.
 Do not water turfgrass for at least 12 hours following application of Nema-Q. Nema-Q is water soluble and does not require additional water application through sprinkler following application.