

61966-9

(FRONT LABEL - INSECT KILL)

CHAMPON 100% NATURAL PRODUCTS INC.

DAZITOL

KILLS AND CONTROLS INSECTS, PATHOGENS, AND FUNGUS
INDOORS AND OUT

For:

Fruits, Vegetables, Nuts, Berries, Grains, Flowers, Shrubbery
Soil

To Kill And Control

SPIDERS, ANTS, WATER BUGS, SILVERFISH, CRICKETS, EARWIGS, CENTIPEDES,
MILLIPEDES, APHIDS, MITES, THRIPS, ARMYWORMS, TOMATO FRUIT WORMS, WHITE
FLIES, NEMATODES, AND OTHER LISTED INSECTS, AND FUNGUS.

READY TO USE

ACTIVE INGREDIENTS:	Allyl Isothiocyanate*	0.068%
	Capsaicin and related Capsaicinoids **	0.042 %
INERT INGREDIENTS:		99.890 %

* From Essential Oil of Mustard

** Oleoresin of Capsicum

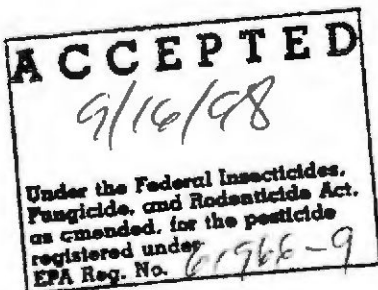
one gallon of product contains 8.0Lb.

KEEP OUT OF REACH OF CHILDREN

CAUTION:

See rear panel for additional Precautionary Statements

NET WT. 16 OZ, 1 gallon, 55 gallon drums.



(BACK LABEL - DAZITOL)

DAZITOL uses extract of chili and essential oil of mustard to create a unique, dual action, pesticide alternative which kills on contact and maintains a repellent action against many insects and fungi as indicated below. This product is a ready-to-use formula.

NOTICE

Distributor and Manufacturer DISCLAIM all crop liability for all product users (farmers, etc.) When product is used in a manner inconsistent with labeling.

PRECAUTIONARY STATEMENTS
KEEP OUT OF REACH OF CHILDREN
CAUTION

Caution: Avoid contact with skin or eyes. May cause burning sensation to skin and eyes or nose due to capsicum oleoresin. Do not spray directly on humans and animals.

FIRST AID

IF IN EYES: Flush eyes with plenty of water. If on skin, wash with soap and water. If swallowed, burning sensation will occur mostly in throat. Drink plenty of water. Get medical attention if irritation persists.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in manner inconsistent with its labeling.

INDOOR

Use Restrictions

Do not use on fabric or carpet as stains will result. For killing and repelling certain important insect pests. Do not use material if it cannot be applied according to the use patterns on the label.

FOR DOMESTIC USE

General: DAZITOL is for the control of adult insects. Use stream setting. Apply at 0.07 oz. (approximately 2 full trigger sprays) per sq. ft. or 0.07oz. per sq. ft. using a commercial spray tank. DAZITOL uses only extracts of chili and mustard. It kills and repels Spiders, Ants, Grasshoppers, and other listed insects below. To obtain maximum benefits, apply every 7 to 10 days before infestation begins.

ANTS: spray until surface is wet. Apply to ant trails, around doors and windows frames and wherever ants enter the house. After application, any product that is accessible to children and pets or that may contaminate feed and food stuff must be wiped off. Repeat as necessary.

SPIDERS: Spray pests directly wherever possible. Apply to localized areas where infestations occur. Spray until surfaces are wet, particularly around windows, doors, baseboards and crawl spaces. After application, any product that is accessible to children and pets or that may contaminate feed and food stuff must be wiped off. Repeat as necessary.

WATER BUGS, SILVERFISH, CRICKETS, EARWIGS, CENTIPEDES, MILLIPEDES, GRASSHOPPERS: Spray until wet in cracks and crevices, around baseboards, behind and beneath cabinets and appliances, around plumbing, and other localized areas infested with insects. After application, any product that is accessible to children and pets or that may contaminate feed or food stuff must be wiped off. Repeat as necessary.

OUTDOOR USE RESTRICTIONS

For killing and repelling certain important insect pests and fungi. Do not use material if it cannot be applied according to the use patterns on the label.

FOR DOMESTIC USE

General: DAZITOL is for the control of adult insects and fungi. Use stream setting. Apply at 0.07 oz. (approximately 2 full trigger sprays) per sq. ft. or 0.07oz. per sq. ft.. if commercial spray tank is used. DAZITOL uses only extracts of chili and mustard. It kills and repels Aphids, Mites, Thrips, Armyworms, Tomato Fruit Worms, Leafhoppers, Leafminers, White Flies, Grasshoppers, Nematodes, fungi and other listed insects below. To obtain maximum benefits, apply every 7 to 10 days before infestation begins. Fruits and vegetables treated with DAZITOL may be thoroughly washed and consumed the same day of application..

APHIDS, MITES, THRIPS, ARMYWORMS, TOMATO FRUIT WORMS, LEAFHOPPERS, LEAFMINERS, WHITE FLIES, GRASSHOPPERS, NEMATODES, WATER BUGS, SILVERFISH, CRICKETS, EARWIGS, CENTIPEDES, MILLIPEDES, SPIDERS, FUNGI: Spray plant throughly including under the leaves and on the fruits and vegetables. To rid soil of nematodes, fungus, and pathogens: Hoe garden up to 6" deep. Spray DAZITOL until soil is wet. Then cover with dirt. Wait 3 days before planting.

AGRICULTURAL USE

GENERAL: DAZITOL uses only extracts of chili and mustard. It kills and repels Aphids, Mites, Thrips, Armyworms, Tomato Fruit Worms, Leafhoppers, Leafminers, White Flies, Grasshoppers, Nematodes, Fungi, Pathogens and other listed insects below. Fruits and vegetables treated with DAZITOL may be thoroughly washed and consumed the same day of application. One gallon of the product contains 8.0Lb

AGRICULTURAL USE REQUIREMENTS

Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Use this product only in accordance with it's labeling and with the Workers Protection Standard, 40 CFR 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses, and handlers of agricultural pesticides. It contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE).

Workers may enter into treated areas immediately after treatment. PPE and work clothing required for entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: Coveralls, Long Sleeve Shirt, Waterproof Gloves, and Shoes plus Socks.

For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

PRECAUTIONS FOR SOIL TREATMENT USES

PRIOR TO TREATING SOIL:

1. It is imperative always to have an assistant and proper protective equipment in case of accidents.
2. Drivers of application equipment must advise other workers of all precautions and procedures. In addition, drivers must instruct their helpers in the mechanical operation of the tractor and how to safely work with the tractor and driver while treating soil.

3. Handle DAZITOL in the open where there is good ventilation.
4. Check for leaks before beginning operation.
5. Field should be reasonably free of trash before starting soil treatment.

SPILL AND LEAK PROCEDURES FOR SOIL TREATMENT:

In case of a rupture of hose or fitting while applying DAZITOL, immediately stop tractor and motor. Wear the personal protective equipment. Approach from upwind to make necessary repairs.

ENTRY RESTRICTIONS:

Greenhouse Soil Treatment: Entry may be made immediately after treatment.

Outdoor Soil Treatment: Entry may be made immediately after treatment.

SOIL TREATMENT DIRECTIONS

PESTS CONTROLLED: Nematodes, including root-knot spp. *Tylenchus*, *Pratylenchus*, *Xiphinema*, *Criconeimoides*, and *Paratylenchus*.

SOIL BORNE FUNGI, INCLUDING: *Pythium*, *Rhizoctonia*, *Phytophthora*, *Pyrenochaeta*, *Sclerotium*, *Armillaria*, and the clubroot organism, *Plasmodiophora*.

WEEDS AND WEED SEED: Seeds, roots, stolons, and bulbs of broadleaf weeds and grasses including quackgrass, annual bluegrass, broomrape, common lambsquarters, torpedograss and bermudagrass. Not effective against mallow, dodder, and some species of clover.

INSECTS IN THE SOIL AT THE TIME OF TREATMENT INCLUDING: Wire worms, Cut worms, June beetle, June beetle larvae, white grubs, and garden symphytan.

MOLLUSC: Slugs and snails.

PRETREATMENT SOIL PREPARATION: Plow or rip the soil to depth to which effective treatment is required. The soil should be worked until free of clods or large lumps. Residue from previous crops should be worked into the soil to allow for decomposition prior to treating soil. Soil moisture should be optimum for seed germination. Coarse texture soils can be treated with higher moisture content than fine textured soils. For best results, soil should be kept moist for at least four days prior to treatment. Do not treat soil if the soil temperature is below 50 degrees F.

NECESSARY EQUIPMENT: One plastic tank to hold product. One pump to pump at 60psi or more. For bed press: In front of bed press, place one metal bar with 3 sets of 2 holes for bracket spaced 9 inches apart. Fit nozzles through bracket so that nozzle end is at least 10 inches above the soil at a 30 degree angle facing the front of bed press. For row - non bed: Place a boom as wide as the disc harrow in front of the disc harrow with nozzle spaced 9 inches apart. Seal with drag.

FIELD SOIL TREATMENT: For overall application of DAZITOL, use the above equipment and spray according to the directions listed under Soil Treatment Uses.

A. TREE SITE SOIL TREATMENT DIRECTIONS:

Preplant or replant treating soil of citrus soil for control of *Phytophthora* and citrus nematodes. Apply using above equipment. Seal spray with a drag or cultipacker following immediately behind disc harrow. Apply DAZITOL at the rate of 1 pound per 100 square feet. Immediately cover with a 4 mil. Tarp and expose to treated soil for 72 hours. This treatment will control disease to a depth of 2 feet. Remove cover and aerate 3 days before setting transplants in treated area.

B. SPECIAL INSTRUCTION FOR THE CONTROL OF *ARMILLARIA MELLEA* (OAK ROOT FUNGUS) ON DECIDUOUS FRUITS AND NUTS, CITRUS, AND VINEYARDS:

PRETREATMENT SOIL PREPARATION: To obtain the maximum control of *Armillaria mellea* with DAZITOL, soil must be dry to a depth requiring treatment. This can be accomplished by: (a) planting sudangrass in the spring, irrigating until the grass has established itself, then withholding further irrigation; (b) naturally, by allowing plants to grow without irrigation. When soil is dry, cut and remove grass, plants and debris. Rip soil to a depth of 36 inches and disc to smoothness.

DOSAGE AND METHOD OF APPLICATION: This is a preplant or replant treatment. Methods and rate of application are as follows:

1. **Non-Tarp Non Bed Application:** After the soil has been properly prepared, apply 200 - 450 pounds of DAZITOL per acre by Non Bed application with nozzles spaced up to 12 inches apart. Disc and ringroll immediately after treatment. Be sure that the disc and ringroller cover an area sufficiently beyond the width of the disc harrow to effect a good seal.
2. **Tarp Non Bed Application:** After the soil has been properly prepared, apply 200 - 450 pounds of DAZITOL per acre by Non Bed application spaced up to 12 inches apart, as described above, and cover with adequate polyethylene film seal.

EXPOSURE AND AERATION PERIOD:

1. To insure the proper time-concentration relationship to control oak root fungus for non bed applications, we recommend a seven day exposure period before removing the polyethylene film cover, which planting or replanting of trees, vines, or other deep-rooted crops may begin 7 days later.
2. DAZITOL will not usually control weed seeds under very dry conditions. However, some control may be observed on deep-rooted perennials such as morningglory (birdweed) and rhizomes of johnsongrass.

D. NON-TARP NEMATODE CONTROL: For control of nematodes including *Meloidogyne* spp., *Xiphinema* spp., *Criconeoides*, *Pratylenchus*, and *Paratylenchus* on deciduous fruits, nuts, citrus, and vineyards.

PRETREATMENT SOIL PREPARATION: Plow or rip the soil to the depth to which effective treatment is required. The soil should be worked until free of clods or large lumps and residue from previous crops should be worked into the soil to allow for decomposition prior to treating soil. To insure maximum spray penetration, the soil 5-15% moisture depending on soil type. However, to improve sealing, the soil surface may be moistened by means of a sprinkler application of 1/4 - 1/2 inch of water prior to final preparation and application. For best results, treat soil when the soil temperature is above 60 degrees F. Do not treat soil when soil temperature is below 50 degrees F.

DOSAGE AND METHOD OF APPLICATIONS: This is preplant or replant treatment. A waiting period of at least 3 days should be observed between application and planting. Methods and rate application are as follows:

1. **Non Bed Application:** After the soil has been properly prepared inject 100 -220 pounds of DAZITOL per acre by non bed application with nozzles spaced up to 12 inches apart. After, seal the surface, disc and ringroll immediately after treatment. Be sure that the disc and ringroller cover an area sufficiently beyond the spray lines to effect a good seal.

DAZITOL used without a tarp will not usually control most weed seeds. However, some control may be observed on deep-rooted perennials such as morning glory (birdweed) and rhizomes and johnsongrass.

DAZITOL
SOIL TREATMENT USES

TREATMENT SITE	RATE lbs/A*	EXPOSURE TIME (hrs)
Field soils to be planted to: Asparagus, broccoli, cauliflower, eggplants, lettuce, Muskmelons, onions (dry bulb), peppers, pineapples, Strawberries, tomatoes	180 - 240	24 - 48
Field soils to be planted to: Citrus, deciduous fruits and nuts, vineyards	400 - 600 435 - 650**	24 - 48 24 - 48
Nursery, Turf, and Ornamentals (Non-Food) Soil: Turf, lawns, parks, golf greens, athletic fields, recreational turf area, ornamentals, floral crops, forest tree seedlings, strawberry (non-food)	180 - 800	24 - 48
Greenhouse soils: Non-food crops Tomato	180 - 435 180 - 240	24 - 48 24 - 48
Seed or Transplant beds (non- food) Tobacco	180 - 435 650	24 - 48 24 - 48
Potting mix	1 lb/cu. yd.	24 - 48

* Use the higher labeled rates for muck and heavy clay soils.

** Topical application.

STORAGE AND DISPOSAL DRUMS AND TANKS

STORAGE AND HANDLING: Store in dry, cool, well-ventilated area. Post as a pesticide storage area. Do not contaminate water, food, or feed by storage. Persons moving, handling, or opening containers must wear the personal protective equipment. Open container only in a well-ventilated area.

DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

STORAGE AND DISPOSAL PLASTIC BOTTLES

STORAGE: Store only in original container in a dry place inaccessible to children or pets.

DISPOSAL: Do not reuse empty container. Rinse thoroughly. Secure wrap in newspaper and discard in trash.

Manufactured By:
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