

PM 15 1386-599

10-26-89

THIS PRODUCT 'ST NOT BE USED ON GOLF COURSES AND SOD FARMS.

Diazinon® 4EC (AG)

**Insecticide For Control Of Certain Insects On Fruits,
Nuts, Vegetables, Field Crops, and Ornamentals.**

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

**PRECAUCION AL USUARIO: Si usted no lee ingles, no
use este producto, hasta que le etiqueta haya sido
explicado ampliamente.**

**See Side Panels For Additional Precautionary Statements
And Directions For Use**

ACTIVE INGREDIENT:

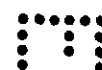
0,0-diethyl 0-(2-isopropyl-6-methyl- 4-pyrimidinyl) phosphorothioate	48.0%
INERT INGREDIENTS	52.0%
Total	100.0%

**Diazinon 4EC Contains 4 Pounds Diazinon Per Gallon.
Diazinon Trademark of Ciba-Geigy.**

Net Contents: 1 Gallon

**EPA Reg. No. 1386-599
EPA Est. No. 1386-OH-1**

**Not Reviewed. Registrant claims to be in accordance with
Registration of Pesticide Products Regulations for Pesticide 2
in Section 2, Part 2.12, Appendix A, Section 2.12.12.1.**



peaches grown on mineral soils in the Southeast, apply 2-4 qts. per acre as a soil treatment prior to planting, and immediately mix thoroughly by disking, or other suitable means into the top 3-6 inches of soil depending on location of worms.

FIELD AND FORAGE FOLIAR INSECTS

Unless otherwise stated, foliar applications of Dazemon 4EC (AG) should always be applied to field and forage crops as a spray in a minimum of 2 gals. of water per acre for aerial applications and a minimum of 10 gals. of water per acre for ground applications.

ALFALFA, CLOVER—Controlled Alfalfa Aphids, Yellow Clover Aphids, Flea Aphids, Leafhoppers, Plant Bug nymphs, Mites. Apply 3/4-1 pt. per acre. Grasshoppers Apply 1 pt. per acre. Following the above application, dairy and beef cattle and sheep (1) may be grazed immediately following application, (2) may be fed green alfalfa or clover immediately following cutting, and (3) may be fed hay provided alfalfa or clover is not cut for hay for 7 days following treatment. Alfalfa Weevil Larvae: For control in the spring, apply 2-3 qts. per acre when feeding damage to growing tops becomes evident. Repeat application, if necessary. If damage is already extensive, cut the hay and make application to the stubble. Do not graze dairy and beef animals or sheep for 2 days. Do not cut for hay for 10 days following treatment. Do not spray livestock directly with either air or ground equipment. Do not treat during bloom to avoid injury to pollinating insects.

CLOVER—Striped Ground Crickets. Broadcast 1-2 qts. per acre following seeding in the fall but prior to clover emergence.

CRAB—Use a minimum of 1 gal. of water for aerial applications and 5 gals. of water for ground applications. Corn Rootworm Adults. Apply 1/2-1 pt. per acre. Corn Leaf Aphids. Apply 1-2 qts. per acre. Complete coverage of the upper portions of the plants is essential. Repeat applications as necessary. Mites. Apply 1 pt. per acre when infestations first appear. Repeat applications as necessary. Flea Beetles. Apply 1 pt. per acre when insects first appear. Repeat applications as necessary. Grasshoppers. Apply 1 pt. per acre. Soybean Aphids. Apply 2-2 1/2 qts. per acre. Add 1-2 gals. of soluble mineral oil per acre to the spray mixture. Consult State Agricultural Experiment Stations or State Extension Service Specialists for proper timing of sprays. Corn may be picked immediately following leaf application. Corn forage may be fed to dairy and beef cattle and sheep.

COITUS—Spider Mites, Aphids, Leafhoppers, Lygus Bug, Cotton Leafworms, Corn Leaf Perforators. Apply 1-2 qts. in 5-25 gals. of water per acre. Repeat as infestation warrants. Do not apply within 14 days of harvest. Do not graze treated cotton plants, or feed gin waste to livestock.

GUAR (Texas and Oklahoma only)—Midge. Apply 1/2-1 pt. per acre in a minimum of 10 gals. of water for ground application or 2 gals. of water for aerial application when 15% of the blooms are infested. Should the infestation warrant, repeat applications should be made in 5-6 days. Do not make more than 3 applications to the same crop. Do not apply within 12 weeks of harvest. Do not graze or feed treated forage to livestock within 12 weeks of harvest.

WOPS—Aphids, Mites. Apply 1 qt. per acre. Do not apply within 14 days of harvest.

SORGHUM—Use a minimum of 1 gal. of water for aerial applications and 5 gals. of water for ground applications. Sorghum Midge. Apply 1/2-1 pt. per acre when 50% of heads have emerged from the boot. Repeat application within 4 days. Mites. Apply 1 pt. per acre when infestation first appears and repeat applications as necessary. Greenbug. Apply at the rates indicated below when infestation first appears and repeat as necessary. Texas and Oklahoma. Apply 1/2-1 pt. per acre. All Other Areas—Apply 1 pt. per acre. Crop may be fed to livestock immediately following treatment. Do not apply within 7 days of harvesting for grain.

SUGAR BEETS—Beet Leafhoppers, Deteriorous Leafminers, Aphids. Apply 3/4-1 pt. per acre. Grasshoppers. Apply 1 pt. per acre. Note: Tops may be fed to beef and dairy animals.

SUGARCANE—Aphids. Apply 1/2-1 pt. per acre. Allow 1 day between last application and harvest. Bagasse and forage may be fed to livestock.

TOBACCO—Aphids, Flea Beetles. Apply 1/2-3/4 pt. per acre. Do not apply within 3 days of harvest. Grasshoppers. Apply 1 pt. per acre. Do not apply within 14 days of harvest.

FIELD AND FORAGE SOIL INSECTS

Unless otherwise stated, soil applications of Dazemon 4EC (AG) should always be applied to field and forage crops as a spray in a minimum of 5 gals. of water per acre for ground applications.

ALFALFA, CLOVER, LESPEDEZA, COWPEAS, SORGHUM, SOYBEANS—Cutworms (Surface and Subterranean). Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately. 2-3 inches for surface cutworms. 3-6 inches for subterranean cutworms.

CRAB—Corn Rootworm Larvae. Postemergence Basal Treatment—Apply 1 1/4-2 1/2 oz. per 1,000 linear feet of corn row in sufficient water to thoroughly wet base of corn plant and a narrow band of soil next to the plant. Refer to the row spacing chart for amount's recommended per acre. Cover treated band with 2-3 inches of soil using a disk harrow or cultivator immediately after spraying. Application should be made at the first sign of corn rootworm larvae, but not later than June 24 in the Middle Corn Belt, or July 1 in the Northern Corn Belt.

Suggested Rates According to Row Spacing for Corn Rootworm Larvae Control

Row Spacing	Linear Feet of Corn Row/Acre	Postemergence Basal Treatment (FL. oz.)
48"	10,890	14.28
42"	12,455	15.5-31
40"	13,068	16.32
		(1/2-1 qt.)
36"	13,939	17.5-35
36"	14,250	18.36
30"	17,424	22.44
24"	21,780	27.5-55
20"	26,136	32.64
		(1-2 qts.)
150"	34,648	44.88

NOTE: For row spacings not listed, calculate the appropriate dosage based on the 43-inch row figure. Seed corn maggots. Broadcast 2 qts. per acre just prior to planting. Work immediately into soil 2 inches. Cutworms (Surface and Subterranean). Broadcast 2-4 qts. per acre. For surface cutworms apply soil prior to planting or when larvae first appear, and immediately work into soil 2 inches. Do not apply later than 1st May. For subterranean cutworms apply soil just prior to planting and immediately work into soil 3-6 inches. Wireworms. Apply 3-4 qts. per acre prior to planting and immediately work into the soil 4-8 inches. Corn may be picked immediately following soil application. Corn forage may be fed to dairy and beef cattle and sheep.

CRAB—Cutworms. Apply 2 qts. per acre in a 12 inch band over the row. Thorough coverage of the foliage is essential. Repeat application when first signs appear. Two or three additional applications at three-week intervals may be necessary. Do not apply within 21 days of peanut harvest. Livestock (1) may be fed peanut hulls, (2) may be fed peanut tops 7 days following treatment, and (3) may be fed peanut hay 21 days following treatment.

SUGAR BEETS—Wireworms. Broadcast 3-4 qts. per acre just prior to planting, and immediately work into soil 4-8 inches. Tops may be fed to beef and dairy animals.

SUGARCANE—Wireworms. Apply 1 gal. per acre in a 12 inch band centered over the furrow. Make application directly to seed pieces in seed furrow at covering time.

TOBACCO—Cutworms. Broadcast 2-3 qts. per acre before transplanting and immediately work into the soil 2-4 inches. Green June Beetle Larvae. Mix 1/4 pt. in 50 gals. of water and apply as a drench (100 gals. per 100 sq. yds.) to sprayed areas of plant beds with sprinkling can. Mite Crickets. Broadcast 1 qt. per acre when insects are present. Make application to beds or fields 1-2 days prior to seeding of seed or transplanting, and immediately work into soil 1-2 inches. Seedcorn Maggots. Broadcast 3 qts. per acre 3-4 weeks before transplanting. Immediately work into soil 2 inches. Wireworms. Broadcast 2-3 qts. per acre 3-4 weeks before transplanting. Work immediately into soil 8-9 inches.

RANGE, PASTURE AND GRASSLAND INSECTS

Unless otherwise stated, Dazemon 4EC (AG) should always be applied as a spray in a minimum of 1 gal. of water per acre for aerial applications and a minimum of 5 gals. of water per acre for ground applications. **BEESONGRASS AND FORAGE GRASSES** (other than Range and Pasture Grasses)—Thrips, Whiteflies, Grasshoppers. Apply 1 pt. per acre. Dairy and beef cattle and sheep (1) may be grazed immediately following application, (2) may be fed green forage immediately following cutting. Forage grasses may be cut for hay 7 days following treatment. Do not repeat application for 30 days.

RANGE, PASTURE, BEESONGRASS, BEESONGRASS, WASTE AND WHEATCROP AREAS, BARNER STYPS—Grasshoppers. Apply 3/4-1 pt. per acre in water or oil (minimum of 1 gal. of oil per acre) when insects first appear, preferably in the nymphal stage. Thorough coverage of the foliage is essential. Dairy and beef cattle and sheep (1) may be grazed immediately following application, (2) may be fed green forage immediately following cutting, and (3) may be fed hay provided grass is not cut for hay for 21 days if the spray is a water solution, or for 30 days if the spray is an oil solution. Do not spray livestock directly with either air or ground equipment. Do not repeat application for 30 days.

ORNAMENTAL INSECT CONTROL

To control certain insects on Arbutus, Azalea, Birch, Burdock, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Potted plants, Rose, Spruce, and Willow, apply the recommended rates indicated below.

Insects	Rate per 3 gals. water	Rate per 100 gals. water
Aphids, Bagworms, Carnation Bud Moths, Carnation Shoot Moths, Clover Mites, Cyclamen Mites, Deteriorous Leafminers, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Oblique Red Weevils, Omphalosoma Leafhoppers, Privet Mites, Scale Crawlers (Gall-forming), Lecanium, Pine Needle Scale, San Jose Scale, Thrips, Two-spotted Mites, Webworms, Whiteflies	1/2 R. oz. *	1 pt. **
Apple and Thorn Stem-miners, Calloway Webworms, Fall Webworm, Horned Caterpillars, Oak Leafhoppers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars	1 1/2 R. oz. *	3 pts. **

* 1 R. oz. = 2 tablespoons ** 16 R. oz. = 1 pint

Do not use on Ferns, Pansies, Hibiscus, Papyrus, Pines, and Gardenias, since injury to the plants may occur. Mite Webworm. Mix 1/2 R. oz. in 3 gals. of water (or 1 pt. in 100 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

LAWN INSECT CONTROL

To control insects listed below, apply recommended rates. For control of Aes, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Ichneumonids, Sawflies, and Centipedes (Springtails), which are commonly found near the house and may enter the house, spray a 5-ft. band of soil around the house, as well as the house foundation wall to a height of 2-3 ft. Repeat application if necessary.

Insects	Rate/1,000 sq. ft.	Remarks
	Dazemon 4EC (AG) Water	
Lawn Chinch Bugs	2-3 R. oz. or 3-6 R. oz.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Clover Mites, Centipedes (Springtails), Crickets, Cutworms, Dagger Wasps, Earwigs, Fire Flies, Lawn Billbugs, Soil Webworms (Lawn Moths), Sawflies	2-4 R. oz. 3 gals.	For lawn billbugs, irrigate the lawn thoroughly immediately after treatment.
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers	1 1/4 R. oz. 3 gals.	For fire flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary.
Mite Webworms	8 R. oz. 3 gals.	Do not apply to animals.
Ring-necked Scales	5 R. oz. 25 gals. *	For brown dog ticks, spray grass and under shrubbery, particularly near house.

* Or, make application in 3 gals. of water per 1000 sq. ft. and thoroughly water immediately following application.

BOXELDER BARK—Spray bugs outside the home with 1 1/4-2 1/2 R. oz. (2 1/2-5 tablespoons) in 1 gal. water. At the same time, thoroughly spray around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

BILLINGS, WHITE BIRDS (such as Japanese beetle larvae, European chafers, Southern chafers). Apply 4 R. oz. per 1000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application anytime between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

HYPERBOLIC WEEVIL (New York only). Apply 3 R. oz. per 1000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of fitness or of merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

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