

# Diazinon® 4AG

For control of certain insects on ornamentals and Mushrooms

**CAUTION: INFLAMMABLE MIXTURE**

Do not use, pour, spill or store near heat or open flame.

**General Information**

Diazinon 4AG is an emulsifiable solution which when diluted with water according to the directions below is intended for the control of insects.

Do not use in barns or dwellings. Do not use on livestock.

In the directions for use given below, best control is obtained when application is made at first sign of insects. Application should be repeated as necessary to maintain control.

**Active Ingredients:** 84%  
 O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate . . . 48%  
 Xylene . . . . . 36%

**Inert Ingredients:** 16%  
**Total:** 100%

Diazinon 4AG contains 4 lbs. Diazinon per gallon.

**Warning:**

**Keep out of reach of children.** May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Avoid contamination of food. Do not use on humans or permit children to go on to sprayed grass until spray has completely dried.

Keep out of reach of domestic animals. Do not contaminate feed or use on household pets or livestock. Do not permit pets to go on to sprayed grass until spray has completely dried.

**Fish and Wildlife Caution:** This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from areas treated or where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not reuse empty container. Destroy by perforation or crushing and burying in a safe place.

**Mushroom Houses**

Mushroom Flies (Phorids and Sciarids): Mix 1/2-1 gal. in 50 gals. of water (0.5% to 1.0% actual Diazinon) and spray on outside and inside walls and ventilators of mushroom houses, after compost in beds has been pasteurized by heating. Do not spray compost in beds or after spawning.

To treat wooden sides of beds, posts, doors and door frames after pasteurizing, mix 1/2 pt. in 6 gals. of water and apply with a brush.

Do not treat compost.

**Ornamental Insect Control**

To control certain insects on Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, 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 Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Diterous Leaf Miners, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weavils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony Cushion, Lecanium, Pine Needle, San Jose, Soft Scale), Thrips, Two Spotted Mites, Webworms, Whiteflies	1/2 fl oz *	1 pt *

998-118

Apple-and-Thorn Skeletonizers, Cotton-easter Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars	1 1/2 fl. oz.	3 pts.
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\* 1 fl. oz. = 2 tablespoons  
16 fl. oz. = 1 pint

Do not use on certain Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.

Mimosa Webworms: Mix 1/2 fl. 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 Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, and Collembola (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.

Boxelder Bugs: Spray bugs outside the home with 1 1/4-2 1/2 fl. 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.

Billbugs and White grubs, such as Japanese beetle larva, European chafer and Southern chafer Apply 4 fl. oz. 1000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application any time 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.

Insects	Rate/1,000 sq. ft.		Remarks
	Diazinon AG 500	Water	
Lawn Chinch Bugs	2 - 3 fl. oz. or 3 - 6 fl. oz.	25 gals.*	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Clover Mites, Collembola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Sod Webworms, (Lawn Moths), Sowbugs	4 fl. oz.	3 gals.	Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. For frit flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary.
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers	1 1/4 fl. oz.	3 gals.	Do not apply to animals. For brown dog ticks spray grass and under shrubbery, particularly near house.
Millipedes	8 fl. oz.	3 gals.	
Rhodes-grass Scales	5 fl. oz.	25 gals.*	Apply when crawlers first emerge.

\* Alternately, make application in 3 gals. of water per 1,000 sq. ft. and thoroughly water immediately following application.

PA REG. NO. 998-118  
Est. No. 998-Pa-1  
Net Content: 1 Gal.



**SUPERIOR CHEMICAL PRODUCTS INC.**

3942 FRANKFORD AVENUE

PHILADELPHIA, PA. 19124