

### Ornamental Insects

To control certain insects on ornamentals, such as Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow apply the recommended rates indicated below.

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

### Mimosa Webworms:

Mix 1/2 fl. oz. (1 tablespoon) in 3 gals. water (or 1 pt. in 100 gals. water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

### Rates of Application

Insects	Amount Diazinon 4E to use	
	per 3 gal. water	per 100 gal. water
Aphids, Bagworms Carnation Bud Mites Carnation Shoot Mites Clover Mites Cyclamen Mites Dipterous Leaf Miners European Pine Shoot Moths European Red Mites Flea Beetles, Holly Bud Moths Leafhoppers Obscure Root Weevils Omnivorous Leaf Tiers Privet Mites Scale Crawlers: Cottony-Cushion Lecanium, Pine Needle, San Jose, Soft Scales, Thrips, Two-Spotted Mites, Webworms, Whiteflies	1/2 fl. oz.*	1 pt.
Apple-and-Thorn Skeletonizers Cotoneaster Webworms Emerald Chermes Oak Loopers Oblique-Banded Leaf Rollers Pear Slugs, Tent Caterpillars	1 fl. oz.*	3 pts.*

\* 1 fl. oz. - 2 tbsp

16 fl. oz. - 1 pt.

### General Information

Diazinon 4E is an emulsifiable solution containing 4 lbs. of Diazinon per gallon. It is intended for use by pest control operators after dilution with water for the control of those insects listed above.

Diazinon 4E is not intended for use in preparing oil base sprays. Pest control operators who prefer oil

**Note:** The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber and asphalt materials such as tiles and floor coverings. Do not treat such materials. Care should also be taken to avoid spotting of wallpaper and fabrics. When used in dwellings, care should be taken to avoid deposits which could be frequently contacted by children. Do not allow children in treated areas until surfaces are dry. Do not contaminate food, food containers or cooking utensils.

### Lawn Insects

To control insects listed below, apply recommended rates. For insects such as 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:

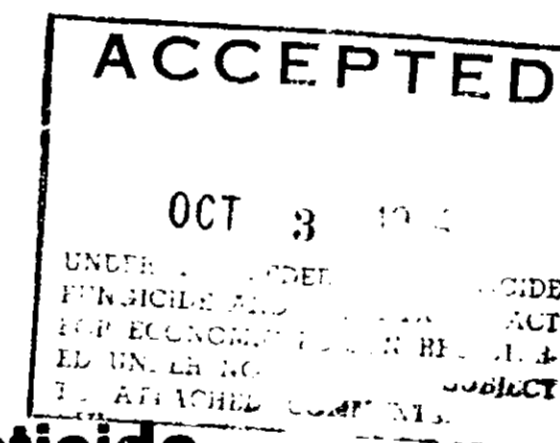
Spray bugs outside the home with 1 1/4 - 2 1/2 fl. oz. (2 1/2 - 5 tablespoons) in 1 gal. of water. At the same time, spray thoroughly around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

Insects	Rate/per 1,000 sq. ft. Diazinon 4E	water	Remarks
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 Ticks	1 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 Scale	5 fl. oz.	25 gals.	Apply when crawlers first appear.



**For Use by Pest Control Operators Only**

# Diazinon\* 4E



6720-191

## Insecticide

**For Control of Cockroaches, Certain Other Household Pests and Turf and Ornamental Pests.**

## Warning

**Keep Out of Reach of Children.**

## NET CONTENTS:

**U.S. Standard Measure**

**See other precautions on the side panel.**

### Active Ingredients:

**0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate ..... 47.5%**  
**Aromatic petroleum derivative solvent ..... 30.0%**  
**Inert Ingredients ..... 22.5%**  
**Total ..... 100.0%**

**Diazinon\* 4E contains 4 lbs. Diazinon per gallon.**

**\*Diazinon® - Reg. Trademark of CIBA-GEIGY Corporation**  
**U.S. Patent No. 2,754,243**  
**E.P.A. REG. NO. 6720-191**

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**IMPORTANT:** Read the entire Directions for Use and Notice before using this product.

**NOTICE:** Seller's guaranty shall be limited to the terms of the label and subject thereto. The buyer assumes any risk to persons or property arising out of the use or handling and accepts the product on these conditions.

**DIRECTIONS FOR USE**  
**Household Insects**

Dilute Diazinon 4E with water to make a 1/2% or 1% Diazinon spray and apply as indicated below:

Gals. of Finished Spray	Amount Diazinon 4E to use for	
	1/2% spray	1% spray
1	1.25 fl. oz.*	2.5 fl. oz.
2	2.5 fl. oz.	5.0 fl. oz.
3	3.75 fl. oz.	7.5 fl. oz.
10	12.5 fl. oz.	25.0 fl. oz. (1.6 pts.)
25	32.0 fl. oz. (2.0 pts.)	64.0 fl. oz. (4.0 pts.)

\*2 1/2 tablespoons - 1.25 fl. oz.

**Cockroaches (Waterbugs), Ants and Silverfish:**

Application Within Food Areas of Food handling Establishments: Limited to Crack and Crevice Treatment Only — Apply a small amount of material directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, motor housing, junction boxes or switch boxes, conduits or hollow equipment legs where Ants, Cockroaches, and Silverfish hide. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces. Use 1/2% spray. Only equipment that can deliver a thin pin stream of material should be used. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED. See chart above.

Application in Non-Food Areas: Make spot applications of 1/2% Diazinon as a coarse spray or apply with a paint brush to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves and similar areas where these insects hide.

For heavy cockroach infestations, make the first application at a strength of 1% Diazinon, followed by monthly applications of 1/2% Diazinon.

**Carpet Beetles:**

Apply a 1/2% Diazinon spray in spot applications along baseboards and edges of carpeting, under carpeting and rugs and furniture, in closets and on shelving, and wherever these insects are seen or

**Spiders and Scorpions:**

Apply a 1/2% Diazinon spray around windows, doors, and along baseboards. Make spot applications to other areas over which these pests may crawl.

**Pantry Pests**—exposed stages (Saw-Toothed Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian-Meal Moth):

Apply a 1/2% spray to shelves and cupboards where food containers suspected of being infested are stored. Remove all food and shelving paper before spraying. Do not replace the food packages until spray has dried. Cover shelves with shelving paper. This treatment is supplemental to good housekeeping, since it will have no effect on insects breeding within food packages. Infested food packages should be destroyed.

**Brown Dog Ticks in Buildings:**

Make thorough application of a 1/2% Diazinon spray to infested areas around baseboards, window and door frames, wall cracks, sleeping quarters of household pets, and localized areas of floors and floor coverings. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this formulation.

**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 and feed. Keep out of reach of domestic animals. Do not use on humans, household pets, or livestock. Do not permit children or pets to go onto the sprayed grass until spray has completely dried.

Do not use in commercial food preparation areas or in edible product areas of food processing plants.

**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 where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. 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 perforating or crushing and burying in a safe place. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. Minimum Flash Point: 100° F.