

A PRENTISS PEST-TESTED PRODUCT

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 below.

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

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.

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.

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

Cockroaches (Waterbugs), Ants and Silverfish - 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 suspected.

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.

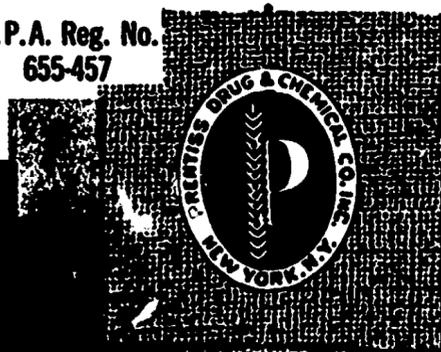
Brown Dog Ticks in Buildings - Make thorough application of a 1/2% Diazinon spray to infested areas around baseboards, window and door frames, wall cracks, sleeping quarters of household pets, and localized areas of floors and floor coverings. Fresh bedding should be placed in animal quarters following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

ORNAMENTAL INSECTS

To control listed insects on ornamentals, such as 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.

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

E. P. A. Reg. No.
655-457



E. P. A. Est. No.
655-NJ-1
Contents 1 Gal.



DIAZINON® 4E INSECTICIDE

FOR USE BY PEST CONTROL OPERATORS ONLY
For control of cockroaches, ants, silverfish, carpet beetles, spiders, scorpions, and turf and ornamental pests.

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-REGISTERED TRADEMARK CIBA-GEIGY

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 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.

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. 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 IT BY PERFORATING OR CRUSHING. BURY OR DISCARD IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

MINIMUM FLASH POINT: 105°F

IMPORTANT: Read the entire DIRECTIONS FOR USE before using this product.

FOOD HANDLING ESTABLISHMENTS - Places other than private residences in which exposed food is held, processed, prepared or served.

FOOD AREAS - APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY - Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving Areas (when food is exposed and facility is in operation also would be considered a food area).

Apply 1/2% Diazinon spray in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where Resistant and Non-Resistant Cockroaches, (Waterbugs), Ants, Spiders, Silverfish hide. Do not use this product in conduits, motor housings, and electrical switch boxes.

APPLICATION OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

NON-FOOD AREAS - Includes garbage rooms, lavatories, floor drains (to sewers, entries, and vestibules, office locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

Apply 1/2-1% Diazinon 4E to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets, and similar areas where insects hide or through which they may enter.

Household Insects - 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 José-Soft Scales-Thrips, Two-Spotted Mites, Webworms, Whiteflies	1/2 fl. oz.*	1 pt.
Apple-and-Thorn Skeltonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Looper, Oblong-Banded Leaf Rollers, Pear Slugs, Tent Caterpillars	1 1/2 fl. oz.*	3 pts.*

*1 fl. oz. = 2 tbsp. 16 fl. oz. = 1 pt.

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 on wall to a height of 2-3 ft. Repeat application if necessary.

Beetle Bugs - Spray bugs outside the home with 1 1/2-2 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, Curculionids, Digger Wasps, Earwigs, Fruit Flies, Lawn Beetles, 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 fruit 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 1/2 fl. oz.	3 gals.	Do not apply to animals. For brown dog ticks spray grass and under shrubbery particularly near house.
Millipedes	6 fl. oz.	3 gals.	
Rhodes Grass Scales	6 fl. oz.	25 gals.	Apply when crawlers first emerge.

CAUTION-COMBUSTIBLE MIXTURE N. Y. F. D. C. of A. No. 4146

Prentiss Drug & Chemical Co., Inc.

PLANT 338 WILSON AVENUE, NEWARK, N. J. 07105

OFFICE 123 FLEETH AVENUE, NEW YORK, N. Y. 10022