

DIRECTIONS FOR USE

TO CONTROL HOUSEHOLD INSECTS

Dilute RESIDEX BRAND DIAZINON 4 E with water to the desired strength of 1% DIAZINON spray and apply as indicated below.

SPRAY DILUTION CHART

Gallons of Finished Spray	Amount of RESIDEX BRAND DIAZINON 4 E 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.
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

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.

APPLICATIONS WITHIN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS

LIMITED TO CRACK AND CREVICE TREATMENT ONLY. Apply as a stream of material directly into cracks and crevices such as expansion joints between different elements of construction or housing, junction boxes or switch boxes, conduits or hollow equipment legs where cockroaches 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.

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

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 pass.

PANTRY PESTS - exposed stages (Saw-toothed Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian-meal Moth):

Apply a 1-2% DIAZINON 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 certain insects on Arborvitae, Azalea, Birch, Boxwood, Camellia,

residex

RESIDEX BRAND DIAZINON® 4E INSECTICIDE

For Use by Pest Control Operators Only. For Control of Cockroaches, Certain Other Household Pests, and Turf and Ornamental Pests.

WARNING: KEEP OUT OF REACH OF CHILDREN
(SEE SIDE PANEL FOR ADDITIONAL CAUTION STATEMENTS)

ACTIVE INGREDIENTS:

O, O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate* 47.5%
Aromatic petroleum derivative solvent 26.2%

INERT INGREDIENTS 26.3%

Total 100.0%

*Diazinon® Trademark of Ciba-Geigy Corp.

Residex Brand Diazinon 4 E contains 4 lbs. Diazinon per gallon.

APPLICABLE WITHIN HOUSE AREAS
AND OUTDOOR AREAS

Apply a 1/2% DIAZINON spray to windows, doors, and other areas where these pests may enter.

BEES and SCORPIONS

Apply a 1/2% DIAZINON spray around windows, doors, and other areas where these pests may enter.

PANTRY PESTS - exposed stages (Saw-toothed Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian meal Moth):

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ORNAMENTAL INSECTS:

To control certain insects on 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 plants 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.

LAWN INSECTS:

To control insects listed below, apply recommended rates. For 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.

BOX-ELDER BUGS:

Spray bugs outside the home with 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.

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

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Total	100.0%
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NET CONTENTS:

373-109 E.P.A. Reg. No. 373-109
1-375 E.P.A. Est. No. 373-NJ 1

MANUFACTURED BY

residex

CORPORATION

225 TERMINAL AVENUE • CLARK, NJ 07066

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Fleas, Sod W
Lawn Moth

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Bermuda Mi
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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.

RATES OF APPLICATION

Use 1 2 fl. oz.* RESIDEX BRAND DIAZINON 4 E per 3 gallons of water.
Use 1 pt. RESIDEX BRAND DIAZINON 4 E per 100 gallons of water.

Insects: 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, and Whiteflies.

Use 1-1/2 fl. oz.* RESIDEX BRAND DIAZINON 4 E per 3 gallons of water.
Use 3 pts. RESIDEX BRAND DIAZINON 4 E per 100 gallons of water.

Insects: Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Oblique-Banded Leaf Rollers, Pear Slugs, and Tent Caterpillars. * 1 fl. oz. = 2 tablespoons. *16 fl. oz. = 1 pt.

RATES OF APPLICATION

Insects	Rate/per 1,000 sq. ft. RESIDEX BRAND DIAZINON 4 E	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, Collem-bola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Fruit 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 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	1-1/4 fl. oz.	3 gals.	Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Multipedes	8 fl. oz.	3 gals.	
Rhodes Grass Scales	5 fl. oz.	25 gals.*	* Apply when scales first appear.

*Alternatively, make application on 3 gals. of water per 1,000 sq. ft. by thoroughly watering immediately following application.

WARNING

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 children and animals. Do not use on human household pets or livestock. Do not permit household pets to go onto the sprayed grass until spray has completely dried.

Fish and Wildlife Caution: This product is toxic to fish and aquatic life. Birds feeding on treated areas may be killed. Keep out of any body of water. Apply this product only as specified on this label. Do not apply where runoff is likely.

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Millipedes	8 fl. oz.	3 gals.	
Rhodes-Grass Scales	5 fl. oz.	25 gals.*	Apply when crawlers first emerge.

*Alternatively, make application with 3 gals. of water per 1,000 sq. ft. and thoroughly water immediately following application.

WARNING

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.

Fish and Wildlife Caution: This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of reach of water. Apply this product only as specified on this label. 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.

Do not allow children in treated areas until surfaces are dry.

This product is highly toxic to bees exposed to direct treatment or residues. 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 or store near heat or open flame. Minimum Flash Point: 109°F.

IMPORTANT: Read the entire Directions For Use before using this product.

GENERAL INFORMATION

RESIDEX BRAND DIAZINON 4 E 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 and by positive RESIDEX BRAND DIAZINON 4 E is not intended for use in preparing oil base sprays. Pest control operators who prefer oil base sprays should use RESIDEX BRAND DIAZINON 4 S.