

**Food Areas - Application Limited to Crack and Crevice Treatment Only**

Includes areas for receiving, storage, pecking (canning, bottling, trapping, 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).

Mix 2.5 fl. oz. to make one gallon finished spray. Apply 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 Cockroaches (Waterbugs) and Ants hide. Aids in the control of exposed stages of Saw-Toothed Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth.

Do not use this product in conduits and electrical switch boxes.

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

**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 on other panels.

Diazinon 4E is not intended for use in preparing oil base sprays.

Note: The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber and asphalt materials and floor coverings. Do not treat such materials. Care should also be taken to avoid painting 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.

**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 into the spray area until spray has completely dried.

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds. Do not use where it is likely to come in contact with water. Do not apply within 500 feet from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

# Diazinon 4E

FORSHAW BRAND  
**Insecticide**

FOR USE BY PEST CONTROL OPERATORS ONLY

For control of cockroaches,  
certain other household pests,  
turf and ornamental pests  
as specified in  
label directions.

NET CONTENTS

GALLONS

REGISTERED TRADEMARK

**ACTIVE INGREDIENTS:**

*O,O-diethyl O-(2-isopropyl-6-Methyl-4-pyrimidinyl) phosphorothioate.....	47.50%
Xylene.....	19.25%
Deodorized Kerosene.....	19.25%
<b>INERT INGREDIENTS:</b> .....	14.00%
	<b>100.00%</b>

**WARNING: Keep out of reach of children.**

SEE SIDE PANELS FOR OTHER WARNINGS.

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 STORE NEAR OPEN FLAME. Minimum Room Temp. 51°F

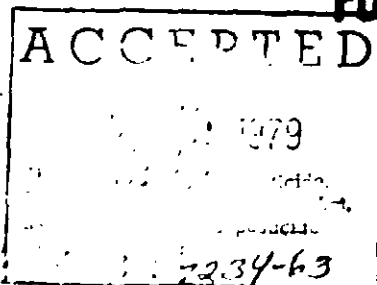
**DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY**  
IMPORTANT: READ THE ENTIRE DIRECTIONS FOR USE AND THE CONDITIONS OF SALE AND WARRANTY BEFORE USING THIS PRODUCT.

**CONDITIONS OF SALE AND WARRANTY**

The DIRECTIONS FOR USE of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, malfeverance or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of FORSHAW CHEMICALS, INC. or the Seller. All such risks shall be assumed by the Buyer. FORSHAW CHEMICALS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the DIRECTIONS FOR USE, subject to the inherent risks referred to above. FORSHAW CHEMICALS, INC. makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall FORSHAW CHEMICALS, INC. or the Seller be liable for consequential, special or punitive damages resulting from the use or handling of this product. FORSHAW CHEMICALS, INC. and the Seller offer this product and the Buyer and user accept it subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of FORSHAW CHEMICALS, INC.

EPA Est. No. 7234 NC 2  
EPA Reg. No. 7234 63

ANOTHER FINE PRODUCT OF  
**FORSHAW CHEMICALS, INC.**



**Directions For Use**

**Household Insects\*\***

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

Gals. of Finished Spray	Amount of 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. (12.0 pts.)	64.0 fl. oz. (14.0 pts.)

\*2/3 tablespoons = 1.25 fl. oz.

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

Make spot applications of 1/2% Diazinon as a co-spray or apply with a paint brush to baseboards, a around water pipes, cracks and crevices, surfaces hind and beneath cabinets, refrigerators, sinks, sto and similar areas where these insects hide.

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

**Carpet Beetles:**

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

**Spiders and Scorpions:**

Apply a 1/2% Diazinon spray around windows, door 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 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 covering. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this formulation.

# Diazinon 4E

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**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 D. Stereus Leaf Miners European Pine Shoot Moths European Red Mites Flea Beetles Holly Bud Moths Leafhoppers Obscure Root Weevils Omnivorous Leaf Tiers Prist 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 Colonaster Webworms Fall Webworms Hemlock Chermes Oak Looper Octave Banded Leaf Rollers Pear Slugs Tent Caterpillars	1 1/2 fl oz	3 pts

### 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	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, Fruit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs	4 fl oz	3 gals
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers, Ticks	1 1/2 fl oz	3 gals
Millipedes	8 fl oz	3 pts
Rhodes Grass, Scales	5 fl oz	25 pts *

\*Alternatively

1 fl oz = 2 tbsp      16 fl oz = 1 pt

### 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 plants, such as Figs, Poinsettia, Hibiscus, Popaya, Pilea and Gardenia, since injury to the plants may occur.

### Mimosa Webworms:

Mix 1 1/2 fl oz (1 1/2 oz) 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.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide containers should be stored in a secure, well-ventilated area. Do not use if the container is damaged, leaking, or otherwise unsafe. Do not use if the container is empty or nearly empty. Do not use if the container is contaminated. Do not use if the container is damaged, leaking, or otherwise unsafe. Do not use if the container is empty or nearly empty. Do not use if the container is contaminated. Do not use if the container is damaged, leaking, or otherwise unsafe. Do not use if the container is empty or nearly empty. Do not use if the container is contaminated.

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 U.S. Environmental Protection Agency  
 Pesticide Act  
 Registration No. 7234-63