

(CONTINUED FROM OTHER SIDE PANEL)

**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 plants may occur.

**Mimosa Webworms:**

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

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, Plant Mites, Scale Crawlers (Cottony-Cushion, Lecanium, Pine Needle), San Jose Soft Scales, Thrips, Two-Spotted Mites, Webworms, Whiteflies:

Apply at rate of 1/2 fl. oz. (1 tablespoon) Diazinon 4E to 3 gal. water or 1 pint (16 fl. oz.) Diazinon 4E to 100 gal. water.

Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Looper, Oblique-Banded Leaf Rollers, Pear Slugs, Tent Caterpillars:

Apply at rate of 1 1/2 fl. oz. (3 tablespoons) Diazinon 4E to 3 gal. water or 3 pints (48 fl. oz.) Diazinon 4E to 100 gal. water.

**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.

**LAWN CHINCH BUGS:**

Apply at rate of 2-3 fl. oz. or 3-6 fl. oz. Diazinon 4E to 25 gallons water per 1,000 sq. ft. Use higher rate for longer residual control and in lawns of dense growth.

Ants, Armyworm, Clover Mites, Collembola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs:

Apply at rate of 4 fl. oz. Diazinon 4E to 3 gals. water per 1,000 sq. ft. 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:

Apply at rate of 1 1/4 fl. oz. to 3 gals. water per 1,000 sq. ft. Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.

**Millipedes:**

Apply at rate of 8 fl. oz. Diazinon 4E to 3 gals. water per 1,000 sq. ft.

**Rhodes-Grass Scales:**

Apply at rate of 4 fl. oz. Diazinon 4E to 25 gals. water per 1,000 sq. ft. when crawlers first emerge.

**WARNING**

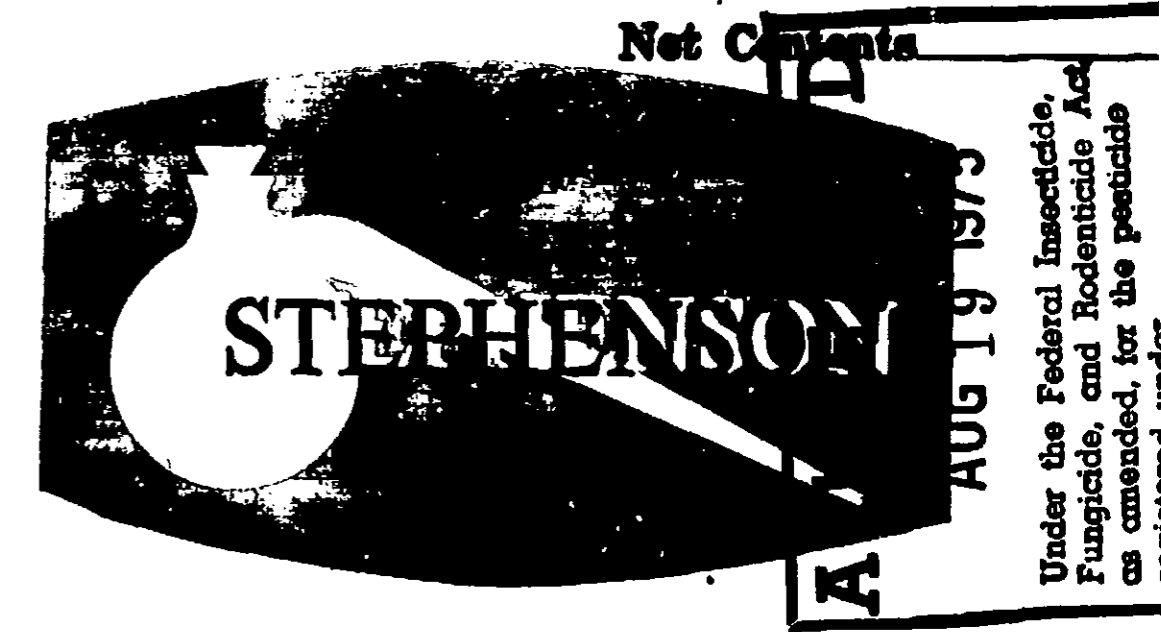
May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans, household pets, or livestock. Do not permit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

Do not use in serving areas of restaurants while food is exposed.

Note to Physician: Diazinon 4E contains petroleum distillates. If gastric lavage is deemed necessary, do so only after properly placing an intertracheal cup. Diazinon is a cholinesterase

inhibitor. Treat symptomatically. Atropine is antidotal. NOTE: The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber and asphalt materials contained in 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.

Do not reuse empty container. Destroy by perforating or crushing and burying in a safe place away from water supplies.



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide

**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 OTHER WARNINGS)**

<b>ACTIVE INGREDIENTS:</b>	
**O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate .....	47.55%
Tetrachloroethylene .....	8.70%
Aliphatic petroleum distillates .....	26.15%
<b>INERT INGREDIENTS</b> .....	17.60%
<b>TOTAL</b> .....	100.00%

Diazinon 4E contains 4 lbs. Diazinon per gal.  
\*\*Diazinon® —Trademark of CIBA-GEIGY Corp.

Manufactured by  
**STEPHENSON CHEMICAL CO., INC.**  
COLLEGE PARK, GEORGIA

Net Contents

ACCEPTED

419 0 197E

CONTINUED FROM OTHER SIDE PANEL

ORNAMENTAL INSECTS:

To control certain insects on ornamentals such as Azalea, Azalea, B. of Saxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Laurel, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below.

Do not use on certain Ferns, Poinsettia, Red Sea, Phlox, Phila, and Gardenia, since injury to the plants may occur.

Mimosa Webworms:

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

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:

Apply at rate of 1/2 fl. oz. (1 tablespoon) Diazinon 4E to 3 gal. water or 1 pint (16 fl. oz.) Diazinon 4E to 100 gal. water.

Apple-and-Thorn Skeletonizers, Cottonaster Webworms, Fall Webworms, Hemlock Chermes, Oak Looper, Oblique-banded Leaf Rollers, Pear Sawg, Tent Caterpillars:

Apply at rate of 1 1/2 fl. oz. (3 tablespoons) Diazinon 4E to 3 gal. water or 3 pints (48 fl. oz.) Diazinon 4E to 100 gal. water.

LAWN INSECTS:

To control insects listed below apply recommended rates. For Ant, Brown Dog Tick, Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs and Collembola (Springtails) which are commonly found near the house and may enter the house, spray a 1 ft. band of lawn around the house, as well as the house foundation wall to a height of 1-2 ft. Repeat application if necessary.

LAWN CHINCH BUGS:

Apply at rate of 2-3 fl. oz. or 1-6 fl. oz. Diazinon 4E to 25 gallons water per 1,000 sq. ft. Use higher rate for longer residual control and in lawns of dense growth.

Ants, Armyworm, Clover Mites, Collembola (Springtail), Cricket, Cutworm, Digox, Wasps, Earwigs, Frit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs:

Apply at rate of 4 fl. oz. Diazinon 4E to 3 gals. water per 1,000 sq. ft. Spot spray ant hills and wasp ground nest openings. For lawn billbug, 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:

Apply at rate of 1 1/2 fl. oz. to 3 gals. water per 1,000 sq. ft. Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.

Millipedes:

Apply at rate of 8 fl. oz. Diazinon 4E to 3 gals. water per 1,000 sq. ft.

Rhodes-Grass Scales:

Apply at rate of 4 fl. oz. Diazinon 4E to 25 gals. water per 1,000 sq. ft. when crawlers first emerge.

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.

Do not use in serving areas of restaurants while food is exposed.

Note to Physician: Diazinon 4E contains petroleum distillates. If gastric lavage is deemed necessary, do so only after properly placing an intratracheal cup. Diazinon is a cholinesterase

inhibitor. Treat symptomatically. Atropine is antidotal. NOTE: The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber and asphalt materials contained in 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 container, or cooking utensils.

Do not reuse empty container. Destroy by perforating or crushing and burying in a safe place away from water supplies.

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 USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

ENVIRONMENTAL CAUTIONS

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 the 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.

STEPHENSON Chemicals 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 OTHER WARNINGS)

Table with 2 columns: INGREDIENTS and PERCENTAGE. Includes Active Ingredients (Diazinon, phosphorothioate, Tetrachloroethylene, Aromatic petroleum distillates) and Inert Ingredients. Total percentage is 100.00%.

Diazinon 4E contains 4 lbs. Diazinon per gal. Diazinon - Trademark of CIBA-GEIGY Corp.

Manufactured by STEPHENSON CHEMICAL CO., INC. COLLEGE PARK, GEORGIA

Net Contents

STEPHENSON  
Chemicals

ACCEPTED

AUG 12 1975

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product has been registered with the EPA Reg. No. 4987-163

# DIAZINON-4E<sup>®</sup> 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 OTHER WARNINGS)

ACTIVE INGREDIENTS:	
**O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	47.55%
Tetrachloroethylene	8.70%
Aliphatic petroleum distillates	26.15%
INERT INGREDIENTS	17.60%
TOTAL	100.00%

Diazinon 4E contains 4 lbs. Diazinon per gal.  
\*\*Diazinon<sup>®</sup> — Trademark of CIBA-GEIGY Corp.

Manufactured by  
**STEPHENSON CHEMICAL CO., INC.**  
COLLEGE PARK, GEORGIA

## 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 prepare oil base sprays should use Diazinon 4S.

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

## DIRECTIONS FOR USE

DILUTE DIAZINON 4E with water to make a 1/2% or 1% Diazinon spray as follows:

1/2% spray—Use 1 1/4 fl. oz. Diazinon 4E per gal. finished spray

1% spray—Use 2 1/2 fl. oz. Diazinon 4E per gal. finished spray

Note: 2 1/2 tablespoons = 1 1/4 fl. oz.

Apply as indicated below:

### AREAS OTHER THAN FOOD-HANDLING ESTABLISHMENTS:

**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 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.

### COUNTRY PESTS:

Exposed stages: Saw-Toothed Grain Beetle, Confused 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 remove 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.

**FOOD HANDLING ESTABLISHMENTS:** Do not apply this product to areas in which exposed food is held, processed, prepared or served.

**FOOD AREAS:** Application limited to crack and crevice treatment only. Freight areas for receiving, storage, packing, canning, bottling, wrapping, boxing, preparing, edible waste storage and enclosed processing systems and similar edible oils, syrups, or stoving areas, when food is exposed and facility in operation would also be considered a food area.

Apply a 1/2% Diazinon solution in small amount directly into crack and crevices, using equipment capable of delivering a pin stream of insecticide in points between different elements of construction between equipment and floor, openings leading to voids and hollow parts of wall, equipment legs, and bases.

To control Cockroaches, Ants, Silverfish, Spiders, and to aid in the control of exposed stages of Saw-toothed Grain Beetle, Confused Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian-Meal Moth.

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

Care should be taken to avoid depositing this product into exposed voids 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.

**SERVING AREAS:** Facilities where prepared food are served, such as restaurants, bars, and catering areas where food may be prepared or served. Apply a 1/2% Diazinon solution as a spot treatment to cracks and crevices, baseboards, under elements of construction, and other areas where pest infestation surfaces likely to be contacted by these insects apply when facilities in operation or foods are exposed.

**NON-FOOD AREAS:** Spot applications of this product are permitted in areas such as basements, attics, and voids where pest infestation is known to occur. Apply a 1/2% Diazinon solution as a spot treatment to cracks and crevices, baseboards, under elements of construction, and other areas where pest infestation surfaces likely to be contacted by these insects apply when facilities in operation or foods are exposed.

CONTINUED ON OTHER SIDE PANEL

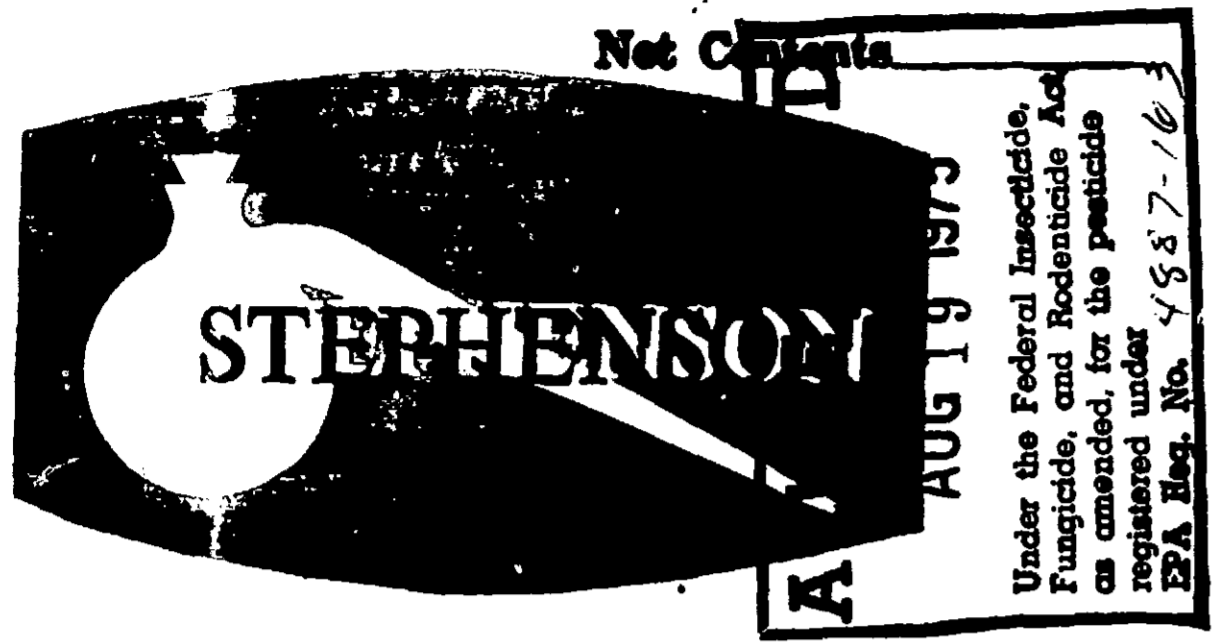
**NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than that indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.**

EPA Reg. No. 4987-163

EPA Est. 4987-GA

For direct treatment may be obtained from Service.

NEAR HEAT OR



# 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 OTHER WARNINGS)

## 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.

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

## DIRECTIONS FOR USE

**DILUTE DIAZINON 4E** with water to make a ½% or 1% Diazinon spray as follows:

- ½% spray—Use 1¼ fl. oz. Diazinon 4E per gal. finished spray
  - 1% spray—Use 2½ fl. oz. Diazinon 4E per gal. finished spray
- Note: 2½ tablespoons = 1¼ fl. oz.

Apply as indicated below:

### AREAS OTHER THAN FOOD-HANDLING ESTABLISHMENTS:

**COCKROACHES (Waterbugs), ANTS and SILVERFISH:**  
Make spot applications of ½% 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 ½% Diazinon.

**CARPET BEETLES:**  
Apply a ½% Diazinon spray in spot applications along baseboards and edges of carpeting and rugs and furniture, in closets and on shelving, and wherever these insects are seen or suspected.

**SPIDERS and SCORPIONS:**  
Apply a ½% 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, Confused Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian-Meal Moth):

Apply a ½% 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 ½% 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.

**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 would also be considered a food area).

Apply a ½% Diazinon solution 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.

To control Cockroaches, Ants, Silverfish, Spiders, and to aid in the control of exposed stages of Saw-toothed Grain Beetle, Confused Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian-Meal Moth.

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

Care should be taken to avoid depositing this 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.

**SERVING AREAS:** Facilities where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held.

Apply a ½% Diazinon solution as a spot treatment to selected surfaces such as baseboards, under elements of construction, into cracks and crevices. Avoid treating surfaces likely to be contacted by food (do not apply when facility is in operation or foods are exposed.)

**NON-FOOD AREAS:** Spot application. Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling). Apply a ½% Diazinon solution as a spot application 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.

(CONTINUED ON OTHER SIDE PANEL)

<b>ACTIVE INGREDIENTS:</b>	
**O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate .....	47.55%
Tetrachloroethylene .....	8.70%
Aliphatic petroleum distillates .....	26.15%
<b>INERT INGREDIENTS</b> .....	17.60%
<b>TOTAL</b> .....	100.00%

Diazinon 4E contains 4 lbs. Diazinon per gal.

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