

PRO KILL

12.5% DIAZINON

LAWN & GARDEN INSECT CONTROL

ACTIVE INGREDIENTS:
 0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
 Aromatic petroleum derivative solvent
INERT INGREDIENTS:
 TOTAL: ..

DIAZINON is a registered trademark of Ciba-Geigy Corporation

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT
IF SWALLOWED—Call a physician immediately
IF INHALED—Remove victim to fresh air and apply respiration if indicated
IF ON SKIN—Wash promptly with soap and water. Rinse thoroughly
IF IN EYES—Rinse eyes for at least 15 minutes with water and call a physician immediately
Note to Physician—If symptoms of cholinesterase inhibition occur, Atropine Sulfate is antidote; junction with 2-PAM

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. MAY BE ABSORBED THROUGH THE SKIN. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WASH THOROUGHLY. AVOID CONTAMINATION OF FEED AND FOODSTUFFS. DO NOT USE ON HOUSEHOLD GRASS. PERMIT CHILDREN OR PETS TO GO ON THE SPRAYED GRASS UNTIL THE SPRAY HAS DRIED.

ENVIRONMENTAL HAZARDS
 This product is toxic to fish, birds, and wildlife. Keep out of lakes, streams, and ponds. Do not apply when weather favors drift from treated areas. Do not contaminate water with disposal of wastes. Apply this product only as specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the bees are actively visiting to crop. Cover crop or weeds blooming in the treatment area. Apply the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS
 DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME

E.P.A. Registration No. 9591-

E.P.A. Estab

NET CONTENTS _____ GAL _____ LOT# _____

Manufactured by

NATIONWIDE
 CHEMICAL PRODUCTS INC
 P.O. BOX 3027
 HAMILTON, OHIO 45013

Directions For Applying (Cont'd)	
Problem Area	Pests — Rate and Area covered
Cherries	Black Cherry Aphid, Cherry Fruit Fly, Cherry Fruit worm (Maggot), Fruit Tree Leaf Roller, Mites (Cherry Rust), Scale Creepers (San Jose) 2 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Figs	Dried Fruit Beetle, Vinegar Flies (Drosophila spp.) 2 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Plums, Prunes	Aphids (Leaf Curl Plum, Mealy Plum, Thicket Mites (Clavel (brown), European Red) 2 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Caneberries (blackberries, boysenberries, loganberries, raspberries)	Aphids, Leafhoppers, Raspberry Sawfly, Raspberry Fruitworm, Two-spotted Mites, Thrips 2 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Blueberries	Aphids, Blueberry Maggot, Cranberry Fruitworm, Cherry Fruitworm, Cherry Fruitworm (Maggot), Two-spotted Mites, Thrips 2 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Strawberries	Aphids, Two-spotted Mites, Strawberry Leaf Roller 2 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Grapes	Aphids, Grape Berry Moths, Grape Leafhoppers, Leafhoppers, Scale Creepers 2 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Citrus (Lemons, Oranges)	Citrus Thrips, Scale Creepers (Citrus Snow, Cottony-cushion) 2 fl. oz. in 3 gals. of water. Apply as a full cover spray after blooming and again in the summer. Thorough spray coverage of tree trunk, limbs and twigs is essential.
Do not spray fruit within: 5 days — Strawberries, Figs 7 days — Blueberries, Caneberries 10 days — Apricots, Cherries, Grapes, Nectarines, Plums, Prunes 14 days — Apples, Pears 21 days — Grapefruit, Lemons, Oranges, Peaches	
Vegetables* Foliar Application	Thoroughly spray all plant parts. Generally applications at 7 to 10-day intervals may be required. Do not feed treated vines to livestock.
Beans, Peas	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Mites 2 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Cabbage Cauliflower	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbage Worms, Dipterous Leaf Miners 2 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Radishes, Turnips	Aphids, Flea Beetles, Leafhoppers, Dipterous Leaf Miners, Mites 2 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Carrots, Celery, Endive, Lettuce, Parsnip, Spinach	Aphids, Flea Beetles, Leafhoppers, Dipterous Leaf Miners, Mites 2 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Cantaloupes, Cucumbers, Squash, Pumpkin, Watermelon	Aphids, Thrips, Mites 2 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Peppers, Potatoes, Tomatoes	Aphids, Colorado Potato Beetles, Fall Armyworms (tomato), Flea Beetles, Leafhoppers, Southern Armyworms (potato and tomato), Vinegar Flies (Drosophila spp. (tomato)) 2 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Onions	Onion Thrips 2 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Sweet Corn	Aphids, Flea Beetles, Grasshoppers, Mites 2 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

Directions For Applying (Cont'd)	
Problem Area	Pests — Rate and Area covered
Vegetables* Preplant Soil Application	Cutworms (Surface, Subterranean) 12 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.
Cabbage, Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes, Turnips	Apply broadcast just before planting. Immediately work into soil 2-3 inches for Surface Cutworms, 3-6 inches for Subterranean Cutworms.
	Garden Symphylans (Garden Centipedes) 30 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.
	Apply broadcast just before planting. Immediately work into soil 4-8 inches.
	Mole Crickets, Carrots, Corn, Peas, Pole Beans, Red Beets, and Snap Beans Only. 3 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.
	Apply broadcast just before planting. Apply 1-2 days before sowing or transplanting. Immediately work into soil 1-2 inches.
	Root Maggots, Cabbage Only. 9 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.
	Apply broadcast just before planting. Immediately work into soil 3-4 inches before seeding, either in seed bed or in field or before transplanting.
	Wireworms, Cabbage, Carrots, Corn, Lettuce, Peas, Snap Beans, and Tomatoes Only. 12 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.
	Apply broadcast just before planting. Immediately work into soil 4-8 inches.
Do not spray vegetables within: 1 day — Peas, Tomatoes, Sweet Corn 3 days — Cantaloupes, Mushrooms, Squash, Watermelons 5 days — Broccoli, Cauliflower 7 days — Beans, Cabbage, Cucumbers, Peppers 10 days — Carrots, Celery, Corn, Endive, Kale, Lettuce, Onions, Parsnips, Radishes, Spinach, Turnips 35 days — Potatoes * OF HARVEST	
Nuisance Pests in Outside Areas	Ants, Boxelder Bugs, Brown D. Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola) 16 fl. oz. in 3 gals. of water. Thoroughly spray window and door screens, sills, foundations, porch and patio walls and ceilings, entranceways, walls, garbage cans, tree trunks and into cracks and other places where insects can hide. Do not treat plants or animals. Spray a 5 ft. band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. See label recommendations for other control measures for these pests.
Fire Ants	To Aid in the control of fire ants in lawns and other recreation areas, apply 2 fl. oz. of 12.5% diazinon in a minimum of 1 gal. of water as a drench. Apply over and over around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted product as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness. Note: For best results apply in cool weather, 65-80 F. or in early morning or late evening hours. Treat new mounds as they appear.

BEST DOCUMENT AVAILABLE

PRO KILL

1/2 DIAZINON E.C.

LAWN & GARDEN INSECT CONTROL

opyl-6-methyl-4-pyrimidinyl phosphorothioate	12.5%
derivative solvent	73.0%
	14.5%
TOTAL:	100.0%

emark of Ciba-Geigy Corporation

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

Immediately
fresh air and apply respiration if indicated
in soap and water. Rinse thoroughly
at least 15 minutes with water and call a physician immediately
:holinesterase inhibition occur. Atropine Sulfate is antidotal and may be administered in con-

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

REN HARMFUL IF SWALLOWED. MAY BE ABSORBED THROUGH THE SKIN. DO NOT
INTACT WITH SKIN, EYES, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING
D AND FOODSTUFFS. DO NOT USE ON HOUSEHOLD PETS OR HUMANS. DO NOT
IO ON THE SPRAYED GRASS UNTIL THE SPRAY HAS COMPLETELY DRIED. KEEP OUT
LS.

ENVIRONMENTAL HAZARDS

ind wildlife. Keep out of lakes, streams, and ponds. Do not apply where runoff is likely to
favors drift from treated areas. Do not contaminate water by cleaning of equipment or
ct only as specified on this label.
xposed to direct treatment or to residues remaining on the treated area. Do not apply when
er crop of weeds blooming in the treatment area. Applications should be timed to provide
een treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

SE. POUR. SPILL OR STORE NEAR HEAT OR OPEN FLAME.

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E.P.A. Establishment No. 9591-OH-1

ACCEPTED
with COMMENTS
in EPA Letter Dated

GAL

LOT#

SEP 17 1982

made by

NATIONWIDE
CHEMICAL PRODUCTS, INC.
P.O. BOX 3027
HAMILTON, OHIO 45013

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
9591-108

DIRECTIONS FOR USE
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A
MANNER INCONSISTENT WITH ITS LABELING

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
Open dumping is prohibited.
PESTICIDE DISPOSAL: Pesticide spray mixture or residue that
cannot be used or chemically processed should be disposed of
in a landfill approved for pesticides or buried in a safe place
away from water supplies.
CONTAINER DISPOSAL: 5, 30 & 55 gallon drums: a) Reseal
container and offer for reconditioning or b) triple rinse (or
equivalent) and offer for recycling, reconditioning or disposal
in approved landfill or bury in a safe place.
SMALLER CONTAINERS: Do not reuse empty container. Wrap
container and put in trash collection.
GENERAL: Consult Federal, State or local disposal authorities
for approved alternative procedures.

HOW TO MIX AND APPLY

Number One:
Determine size of spraying job. For lawns and vegetables
measure the area to be sprayed. For all other applications apply
as a thorough cover spray. Make applications when insects first
appear or in advance of an expected infestation. Repeat
applications as needed or as noted in the rate chart.

Number Two:
Use clean sprayer. Carefully measure and mix the amount of
Diazinon and water as suggested in the chart.

Number Three:
Spray as directed in rate chart. Use coarse drenching sprays
for lawns, soil and other surface applications. Use medium fine
mist sprays for trees and plants. Thorough coverage is
important. Flush sprayer with clean water after each use.

Directions For Applying

Problem Area	Peets - Rate and Area covered
LAWNS Bent Bermuda Bluegrass Dichondra Fescue/Merion St. Augustine	Ants, Armyworms, Bermudagrass Thrips, Brown Dog Ticks, Chiggers, Crickets, Cutworms, Earwigs, Fleas, Fruit Flies, Lawn Billbugs, Chinch Bugs, Lawn Moths (Sod Webworms), Leafhoppers, Mites (Bermuda Crawler), Sowbugs (Pillbugs), Springtails (Collembola). 2 fl. oz. in 3 gals. of water covers 125 sq. ft. 16 fl. oz. in 24 gals. of water covers 1,000 sq. ft. Thoroughly wet down grass a few hours before apply- ing. Brown Dog Ticks: Do not apply to animals. In particu- lar, spray under shrubbery and the grass next to house. Lawn Billbugs: Water the lawn thoroughly immedi- ately after treatment. Chinch Bugs: In the North, if Chinch Bugs are the only lawn insect problem, a lower rate of application can be used. 1 fl. oz. in 3 gals. of water covers 125 sq. ft. Mites: 4 fl. oz. in 3 gals. of water covers 125 sq. ft. Thoroughly wet grass a few hours before applying. Rhodegrass Scales: 2 fl. oz. in 3 gals. of water covers 100 sq. ft. Apply when Scale Crawlers first emerge. Ants, Digger Wasps: 2 fl. oz. in 3 gals. of water covers 125 sq. ft. Spot spray ant hills and wasp ground nest openings. Make the application when the wasps are not active.

BEST DOCUMENT AVAILABLE

Directions For Applying (Cont'd)

Problem Area	Peets - Rate and Area covered
	Billbugs, White Grubs, of Japanese Beetle, I- pear, Chaler, Southern Chaler. 2 fl. oz. in 3 gals. of water covers 125 sq. ft. Water grass thoroughly after application. Billbug control: Apply when a heavy infestation or when checked or proven grass is present. Local damage from the insect. Grub control: Make application any time between late July and early October. Hyperodes Weevil (New York only): 1 fl. oz. in 3 gals. of water covers 125 sq. ft. Water grass thoroughly after application. Treat pro- blem areas in mid April and again in mid May.
Trees & Shrubs	Wet leaves and branches to the dripping point. Try to penetrate dense foliage. Aphids, Bagworms, European Pine Shoot Moths, Hairy Bud Moths, Dolerous Leaf Miners, Arborvitae Azalea Borer, Boxwood Moth, Oak Leafhopper, Mealybug, Mites (Clover, Cyclamen, European Red Spider, Two- spotted Spider, Obscure Root Weevil, Osmia, etc.) Leaf Tiers, Scale Crawlers (Cottony cushion, Eucalyptus Mite, Lecanium, Pine Needle Pit Scale, San Jose Scale, Juniper Lilac Locust Maple Mimosid Oak Pine Plum Poplar Rhododendron Spruce Willow 2 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray. Webworms (Juniper, Mimosa), Whiteflies. 2 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray. Mimosa Webworms: Apply as a thorough foliar spray when adults first appear. Make two additional applica- tions at 4-5 week intervals. Apple and Thorn Skeletonizers, Hemlock Chermes, Oak Looper, Orange-banded Leaf Roller, Pear Slug, Tent Caterpillar, Webworms (Cottony cushion, Far- 6 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.
Roses & Flowers	Wet the plants to the dripping point. Try to get under- side of leaves and penetrate dense foliage. Aphids, Eucalyptus Scale Crawlers, Fire Beetles, Di- terous Leaf Miners, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red Two-spotted Spider, Thrips, Whiteflies. 2 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray. Do not use on certain ferns, hibiscus, poinsettia, papaya, plea gardenia and orchids since injury may occur.
Fruits & Nuts	Start spraying after blooming. Applications should be made according to infestation or when aphids, mites, and crawler stages of scale insects are first noted. If infestations warrant, repeat applications at 7 to 10 day intervals. Almonds Figs Pecans Walnuts Mites 1 fl. oz. in 3 gals. of water. Apply as a full cover spray. Do not apply after husks open or split. Apples Pears Aphids, Codling Moths, Eye-spotted Bud Moths, Fruit Tree Leaf Rollers, Leafhoppers, Tentiform Leaf Miners (pears), Maggots (pears), Mealybugs, Mites (European Red Clover [Iranian], Pacific, Two-spotted Spider), Psylla (pears), Scale Crawlers (Cottony cushion, San Jose, Forbes, Soft). 2 fl. oz. in 3 gals. of water. Apply as a full cover spray. On apples, slight russeting may occur on some vari- eties such as Golden Delicious. Apricots Peaches Nectarines Aphids, Apricot Mealybug (apricots), Mites (Clover [Iranian], Two-spotted Scale Crawlers (Ohio, San Jose). 2 fl. oz. in 3 gals. of water. Apply as a full cover spray.

STATEMENT OF PRACTICAL TREATMENT

- If swallowed- Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING; vomiting may cause aspiration pneumonia.
- If inhaled- Remove victim to fresh air. Apply artificial respiration if indicated.
- If on skin- Remove contaminated clothing and wash affected areas with soap and water.
- If in eyes- Flush eyes with plenty of water. Get medical attention if irritation persists.

4. Revise the Storage and Disposal block as follows:

STORAGE AND DISPOSAL (note to printer -same type size required as for front panel "Keep Out of Reach of Children.")

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

STORAGE: (note to producer- Storage precautions selected by company based on foreseeable complications, e.g., "Do not allow to freeze" or "Do not store below _____ F°" or "Do not store next to herbicides" or "Can must be shaken vigorously after prolonged storage.")

PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

CONTAINER DISPOSAL: 1, 11, and 12 gallon drums. Triple
rinse (or equivalent). Then offer
for recycling or reconditioning, or
puncture and dispose of in a sanitary
landfill, or by other approved state
and local procedures.

SMALLER CONTAINERS: Do not contaminate water, food or
feed by storage or disposal. Do not
reuse empty container. Wrap empty
container and put in trash collection.

- e. In the directions for use against mites on almonds, filberts, pecans,
walnuts, print 2 fl. oz. in 1 gal. of water.
- f. The solvent is acceptable for food use but should be called "xylene
range aromatic solvent" on the label.

3. Submit five (5) copies of your final printed labeling before you
release the product for shipment. Refer to the A-79 Enclosure for a further
description of final printed labeling.

If these conditions are not complied with, the registration will be
subject to cancellation in accordance with FIFRA sec. 5(e). Your release for
shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (73-757)