



NET WEIGHT

POUNDS

DIAZINON W-40

ACCEPTED
MAY 15 1975
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 148-1191

ACTIVE INGREDIENT:

O,O-diethyl O-(2-isopropyl-6-methyl
4-pyrimidinyl) phosphorothioate

INERT INGREDIENTS

TOTAL

40%
60%
100%

WARNING Keep Out of Reach of Children

SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.

May be fatal or harmful if swallowed. Avoid contamination of food and feed. Do not store near food or feed products. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. May be absorbed through skin.

ENVIRONMENTAL CAUTIONS:

This product is toxic to fish, shrimp, crab, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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. 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 breathe dust or spray mist.

Do not reuse container. Destroy it by burying or burning. Avoid smoke or fumes.

Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

Diazinon® trade mark of CIBA-GEIGY

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product, other than 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. 148-1191

CG-2-75

EPA Est. No. 148-CA-1



THOMPSON HAYWARD
CHEMICAL COMPANY

P.O. BOX 2183 KANSAS CITY, KANSAS 64110



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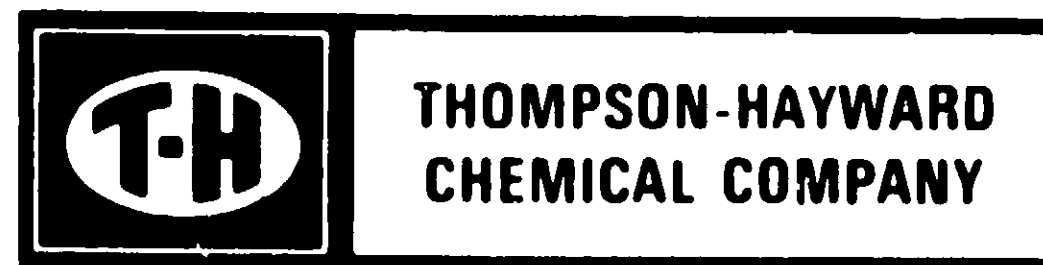
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CG-2-75



P.O. BOX 2383, KANSAS CITY, KANSAS 66110

DIAZINON W-40
DIRECTIONS FOR USE

In the directions below Diazinon W-40 should be mixed with sufficient water to assure good coverage unless otherwise noted. Best control is obtained when application is made at the first sign of insects. Unless otherwise noted applications should be repeated as necessary to maintain control. Diazinon W-40 is a wettable powder and requires constant agitation during application.

CROP	INSECTS	RATE	REMARKS
ALMONDS	Mites	1.25-1.75 lbs/100 gals.	Almond hulls may be fed to livestock. Apply no more than 15 pounds per acre.
	Parlatoria Scales, San Jose Scales	1.25-1.75 lbs Diazinon W-40 plus 2-3 gals dormant oil per 100 gals water and apply as a dormant spray	
APPLES	Leafhoppers	1.25 lbs per 100 gals	Apply no more than 15 pounds per acre. Do not apply within 14 days of harvest.
	San Jose Scale, Mealybugs, Apple aphid eggs, European Red mite eggs	Make 3-5 applications 1.25 lbs Diazinon W-40 plus 1 gal superior or 2 gals dormant oil per 100 gals	
APPLES and PEARS	Codling moth, Rosy Apple Aphid, Green Apple aphid, Woolly Apple aphid, Mites	1.25 lbs per 100 gals make 3-8 cover sprays	Apply no more than 15 pounds per acre. Do not apply within 14 days of harvest. Slight russetting may occur on some varieties of apples, particularly Golden Delicious
	Apple Maggots	1.25 lbs per 100 gals Make 3 or more cover sprays	
	San Jose Scale crawlers, Forbes Scale crawlers	1.25 lbs per 100 gal Apply early. Make second application if necessary	
CHERRIES	Brown Apricot Scale, San Jose Scale, Black Cherry aphid eggs, Brown Mite eggs	1.5 lbs Diazinon W-40 plus 3 gals dormant oil per 100 gals. Apply as dormant spray	Apply no more than 15 pounds per acre. Do not apply within 10 days of harvest.
	Leafhoppers	1.25 lbs per 100 gals Make 3-5 applications	
	Cherry Fruit flies	0.75-1.25 lbs/100 gals Make 3-4 applications	
	San Jose scale crawlers	1.25 lbs per 100 gals	
	Cherry Rust mites	0.75-1.25 lbs/100 gals	
FIGS	Vinegar flies, Dried Fruit beetles	1.25 lbs per 100 gals	Apply no more than 6 pounds per acre. Do not apply within 5 days of harvest.
CITRUS: Grapefruit, Lemons, Limes, Oranges, Tangerines, Kumquats	Citrus aphid, Cotton-cushion scale crawlers, Soft Scale crawlers, Fruit Tree Leaf roller	0.75-1.25 lbs/100 gals	Apply no more than 25 lbs. per acre. Do not apply during bloom. Do not apply within 21 days of harvest. Do not allow workers to re-enter orchard to engage in any activity requiring substantial contact with treated foliage for 5 days.
	Citrus Thrip	1.25 lbs per 100 gals	
GRAPES	Pacific Spider mite, Leafhoppers, Grape Leaf Folder	1.25 lbs per 100 gals or 2.5 lbs per acre	Apply no more than 2.5 pounds per acre. Do not apply within 18 days of harvest (7 days at 8 oz/100 gals if no spreader-sticker used). Do not allow workers to re-enter treated vineyards to engage in any activity requiring substantial contact with treated foliage for 5 days.
	Drosophila	8 oz per 100 gals. Use no more than 225 gals.	

CROP	INSECTS	RATE	REMARKS
PEACHES and NECTARINES	San Jose scale, Brown Apricot scale, Walnut scale, Apricot Mealybug, Peach Twig borer, Parlatoria Scale	1.25 lbs Diazinon W-40 plus 2 gals dormant oil per 100 gals. Apply as a dormant spray. OR 1.25 lbs Diazinon W-40 plus 1 gal light medium oil per 100 gals. Apply at petal fall.	Apply no more than 10 lbs per acre. Do not apply to peaches within 20 days of harvest. Do not apply to nectarines within 10 days of harvest. Do not allow workers to re-enter treated orchards to engage in any activity requiring substantial contact with treated foliage for 5 days.
	Aphids, Brown mites, Two spotted mites, Olive Scale crawlers, San Jose Scale crawlers	1.25 lbs per 100 gals	
	Oriental Fruit moth	1.25 lbs per 100 gals. Apply at petal fall and at 10-15 days and 20-30 days after petal fall.	
	Peach Twig borer	1.25 lbs per 100 gals Apply in May and June	
PLUMS and PRUNES	Leafhopper (Peaches Only)	1.25 lbs/100 gals. Make 3-5 applications.	Apply no more than 10 lbs per acre. Do not apply within 10 days of harvest.
	White Peach scale (Peaches only)	2-2.5 lbs/100 gals as post harvest spray.	
	Peach Twig borer, Mealy Plum aphid eggs, San Jose Scale, Parlatoria Scale, Brown Almond mites	1.25 lbs Diazinon W-40 plus 2.5 gals dormant oil/100 gals, apply as a dormant spray. For April-May application use 1.25 lbs plus 1 gal light medium oil/100 gals	
	Brown Mite, European Red mite	1.25 lbs per 100 gals	
WALNUTS	Leaf Curl Plum aphid, Mealy Plum aphid, Thistle aphid	0.75-1.25 lbs per 100 gals	Do not apply after the husks are open.
	Aphids, Mites	2.5 lbs per acre	
STRAWBERRIES	Codling Moth, Scale crawlers, Walnut caterpillars	7.5 lbs per acre	Do not apply within 10 days of harvest.
	Aphids, Two Spotted mites	1.25 lbs in 100 gals water per acre	
	Cyclamin mites	2.5 lbs in 100 gals water per acre	
	Mole Crickets	Broadcast 2.5 lbs per acre 1-2 days before transplanting work into top 2 inches.	
	Strawberry Leaf Roller	1.0-1.25 lbs/100 gals Apply 200 gals per acre	
BEANS (Pole, Snap, Lima)	Black bean aphid, Mexican Bean beetle, Leaf Miner	1.25-1.5 lbs per acre	Do not apply within 7 days of harvest. Bean forage or bean hay may be fed to livestock. Wait 4 days before cutting for hay.
	Cucumber beetles	0.75-1.0 lbs in 100 gals water per acre.	
LIMA BEANS	Dipterous Leaf miner, Leafhoppers, Mites	1.25 lbs per acre	
BROCCOLI, CABBAGE & CAULIFLOWER	Aphids, Diamondback Moth, Imported Cabbageworm, Dipterous Leaf miner	0.75-1.25 lbs per acre	Do not apply to broccoli or cauliflower within 5 days of harvest. Do not apply to cabbage within 7 days of harvest.
	Aphids, Diamondback Moth, Imported Cabbageworm	1.25 lbs per acre	
BRUSSELS SPROUTS	Aphids, Diamondback Moth, Imported Cabbageworm	1.25 lbs per acre	Do not apply within 7 days of harvest.

CROP	INSECTS	RATE	REMARKS
CARROTS	Aphids	1.25 lbs per acre	Do not harvest
CELERY	Aphids	1.25 lbs per acre	Do not harvest moved use top
	Flea Beetles, Dipterous Leaf Miner	0.75-1.0 lbs per acre	
CUCUMBERS	Aphids, Serpentine Leaf Miner, Thrip	1.25 lbs per acre	Do not harvest
LETTUCE, ENDIVE	Aphids, Dipterous Leaf Miner	0.75-1.0 lbs/acre	Do not harvest
MELONS (Cantaloupes, Casabas, Cranshaws, Honeydews, Persians, Watermelons, Summer and Winter Squash)	Aphids, Leafhoppers, Mites	1.25-1.75 lbs/acre	Do not winter harvest mar at harvest
	Serpentine Leaf miner, Thrip	0.75-1.25 lbs per acre	
ONIONS	Onion Thrip	1.25 lbs per acre	Do not harvest immediately before
PEAS	Aphids, Leafminers	1.0-1.25 lbs per acre	
PEPPERS	Aphid, Serpentine Leaf miner	0.6 lbs per acre	Do not harvest
POTATOES	Aphids	0.75-1.0 lbs per acre	Do not harvest
	Flea Beetles, Colorado Potato Beetle, Dipterous Leaf Miner, Leafhopper	1.0-1.25 lbs per acre	
RADISHES, PARSNIPS & TURNIPS	Aphids, Flea Beetles, Dipterous Leaf Miners	0.75-1.25 lbs per acre	Do not harvest
SPINACH BEETS	Aphids, Dipterous Leaf Miner	0.75-1.25 lbs per acre	Do not 10 day apply top of harvest
SWEET CORN	Corn Earworm	2.5-3.0 lbs per acre When silks appear make 2-3 repeat applications at 2-3 day intervals	Corn not ready. F
TOMATOES	Aphids, Dipterous Leaf Miners	0.75 lbs per acre	Do not harvest.
	Armyworms, Vinegar Flies	1.0-1.25 lbs per acre 0.75-1.75 lbs per acre	
ALFALFA CLOVER	Spotted Alfalfa aphid, Yellow Clover Aphid, Pea Aphid, Leafhopper, Mites	1.0-1.25 lbs per acre	Do not cut treatment
	Grasshoppers, Cutworms	1.25 lbs per acre Broadcast 10-20 lbs per acre just before planting	
	Alfalfa Weevil Larvae	2.5-3.5 lbs per acre	

R USE

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RE	REMARKS
100 gals. Diazinon gals per 100 gals spray	Almond hulls may be fed to livestock. Apply no more than 15 pounds per acre.
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100 gals	Apply no more than 6 pounds per acre. Do not apply within 5 days of harvest.
100 gals	Apply no more than 25 lbs. per acre. Do not apply during bloom. Do not apply within 21 days of harvest. Do not allow workers to re-enter orchard to engage in any activity requiring substantial contact with treated foliage for 5 days.
100 gals	
100 gals Use 225	Apply no more than 2.5 pounds per acre. Do not apply within 18 days of harvest (7 days at 8 oz/100 gals if no spreader-sticker used). Do not allow workers to re-enter treated vineyards to engage in any activity requiring substantial contact with treated foliage for 5 days.

CROP	INSECTS	RATE	REMARKS
PEACHES and NECTARINES	San Jose scale, Brown Apricot scale, Walnut scale, Apricot Mealybug, Peach Twig borer, Parlatoria Scale	1.25 lbs Diazinon W-40 plus 2 gals dormant oil per 100 gals. Apply as a dormant spray. OR 1.25 lbs Diazinon W-40 plus 1 gal light medium oil per 100 gals. Apply at petal fall.	Apply no more than 10 lbs per acre. Do not apply to peaches within 20 days of harvest. Do not apply to nectarines within 10 days of harvest. Do not allow workers to re-enter treated orchards to engage in any activity requiring substantial contact with treated foliage for 5 days.
	Aphids, Brown mites, Two spotted mites, Olive Scale crawlers, San Jose Scale crawlers	1.25 lbs per 100 gals	
	Oriental Fruit moth	1.25 lbs per 100 gals. Apply at petal fall and at 10-15 days and 20-30 days after petal fall.	
	Peach Twig borer	1.25 lbs per 100 gals. Apply in May and June	
	Leafhopper (Peaches Only)	1.25 lbs/100 gals. Make 3-5 applications.	
	White Peach scale (Peaches only)	2-2.5 lbs/100 gals as post harvest spray.	
PLUMS and PRUNES	Peach Twig borer, Mealy Plum aphid eggs, San Jose Scale, Parlatoria Scale, Brown Almond mites	1.25 lbs Diazinon W-40 plus 2.5 gals dormant oil/100 gals, apply as a dormant spray. For April-May application use 1.25 lbs plus 1 gal light medium oil/100 gals	Apply no more than 10 lbs per acre. Do not apply within 10 days of harvest.
	Brown Mite, European Red mite	1.25 lbs per 100 gals	
	Leaf Curl Plum aphid, Mealy Plum aphid, Thistle aphid	0.75-1.25 lbs per 100 gals	
	WALNUTS	Aphids, Mites, Codling Moth, Scale crawlers, Walnut caterpillars	2.5 lbs per acre 7.5 lbs per acre
STRAWBERRIES	Aphids, Two Spotted mites	1.25 lbs in 100 gals water per acre	Do not apply within 10 days of harvest.
	Cyclamin mites	2.5 lbs in 100 gals water per acre	
	Mole Crickets	Broadcast 2.5 lbs per acre 1-2 days before transplanting work into top 2 inches	
	Strawberry Leaf Roller	1.0-1.25 lbs/100 gals. Apply 200 gals per acre	
BEANS (Pole, Snap, Lima)	Black bean aphid, Mexican Bean beetle, Leaf Miner	1.25-1.5 lbs per acre	Do not apply within 7 days of harvest. Bean forage or bean hay may be fed to livestock. Wait 4 days before cutting for hay.
	Cucumber beetles	0.75-1.0 lbs in 100 gals water per acre	
LIMA BEANS	Dipterous Leaf miner, Leafhoppers, Mites	1.25 lbs per acre	
BROCCOLI, CABBAGE & CAULIFLOWER	Aphids, Diamondback Moth, Imported Cabbageworm, Dipterous Leaf miner	0.75-1.25 lbs per acre	Do not apply to broccoli or cauliflower within 5 days of harvest. Do not apply to cabbage within 7 days of harvest.
BRUSSELS SPROUTS	Aphids, Diamondback Moth, Imported Cabbageworm	1.25 lbs per acre	Do not apply within 7 days of harvest.

CROP	INSECTS	RATE	REMARKS
CARROTS	Aphids	1.25 lbs per acre	Do not apply within 10 days of harvest.
CELERY	Aphids	1.25 lbs per acre	Do not apply within 10 days of harvest. Tops should be removed before shipping. Do not use tops for feed or food.
	Flea Beetles, Dipterous Leaf Miner	0.75-1.0 lbs per acre	
CUCUMBERS	Aphids, Serpentine Leaf Miner, Thrip	1.25 lbs per acre	Do not apply within 7 days of harvest.
LETTUCE, ENDIVE	Aphids, Dipterous Leaf Miner	0.75-1.0 lbs/acre	Do not apply within 10 days of harvest.
MELONS (Cantaloupes, Cas- abas, Crenshaw, Honeydews, Per- sians, Watermelons, Summer and Winter Squash)	Aphids, Leafhoppers, Mites	1.25-1.75 lbs/acre	Do not apply to melons or winter squash within 3 days of harvest. Do not apply to summer squash within 7 days of harvest.
	Serpentine Leaf miner, Thrip	0.75-1.25 lbs per acre	
ONIONS	Onion Thrip	1.25 lbs per acre	Do not apply within 10 days of harvest. Pass may be picked immediately. Wait 4 days before cutting for hay.
PEAS	Aphids, Leafminers	1.0-1.25 lbs per acre	
PEPPERS	Aphid, Serpentine Leaf miner	0.6 lbs per acre	Do not apply within 5 days of harvest.
POTATOES	Aphids	0.75-1.0 lbs per acre	Do not apply within 35 days of harvest.
	Flea Beetles, Colorado Potato Beetle, Dipterous Leaf Miner, Leafhopper	1.0-1.25 lbs per acre	
RADISHES, FARSNIPS & TURNIPS	Aphids, Flea Beetles, Dipterous Leaf Miners	0.75-1.25 lbs per acre	Do not apply within 10 days of harvest.
SPINACH BEETS	Aphids, Dipterous Leaf Miner	0.75-1.25 lbs per acre	Do not apply to spinach within 10 days of harvest. Do not apply to beets within 14 days of harvest.
SWEET CORN	Corn Earworm	2.5-3.0 lbs per acre When silks appear make 2-3 repeat appli- cations at 2-3 day intervals	Corn may be picked immedi- ately. Forage may be fed.
TOMATOES	Aphids, Dipterous Leaf Miners	0.75 lbs per acre	Do not apply within 1 day of harvest.
	Armyworms	1.0-1.25 lbs per acre	
	Vinegar Flies	0.75-1.75 lbs per acre	
ALFALFA CLOVER	Spotted Alfalfa aphid, Yellow Clover Aphid, Pea Aphid, Leafhopper, Mites	1.0-1.25 lbs per acre	Do not spray during bloom. Do not cut hay for 10 days after treatment.
	Grasshoppers, Cutworms	1.25 lbs per acre Broadcast 10-20 lbs per acre just before planting	
	Alfalfa Weevil Larvae	2.5-3.5 lbs per acre	

CROP	INSECTS	RATE	REMARKS
COTTON	Spider Mites, Leafhoppers, Aphids, Lygus, Cotton Leaf Perforators	1.25-2.5 lbs in 5-25 gals water	Do not apply within 14 days of harvest. Do not graze treated plants or feed gin waste to live- stock.
PEANUTS	Cutworms	5 lbs per acre in 12 inch band over row	Do not apply within 21 days of harvest.
SUGAR BEETS	Leafhoppers, Dipterous Leaf Miners	1.0-1.25 lbs per acre	Tops may be fed to beef and dairy.
	Grasshoppers	1.25 lbs per acre	
	Wireworms	7.5-10 lbs broadcast just before planting. Work into top 4-8 inches of soil	
ORNAMENTALS (Arbutus, Azalea, Birch, Boxwood, Camellia, Carnation, Fir, Chrysanthemum Elm, Douglas Fir, Hawthorn, Holly, Juniper, Lilac, Oak, Locust, Maple, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, Willow)	Aphid, Bagworm, Carnation Bud mite, Carnation shoot mite, Clover mite, Cyclamine mite, Dipterous Leaf miner, Pine Shoot Moth, Red mite, Flea Beetle, Leaf- hopper, Leaf Tier Scale crawlers, Thrip, Two Spotted mites, Webworms, White Flies, Oak Looper	1.25 lbs/100 gals	
	Pea Slugs, Tent Caterpillar	3.75 lbs per 100 gals	
	LAWNS and TURF	Lawn Cinch Bug	
	Ants, Armyworms, Mites, Collembola, Crickets, Cutworms, Digger Wasps, Earwigs, Frit flies, Billbugs, Sod Web- worm, Sowbugs	Use 5 oz in 3 gals water per 1000 sq. ft.	
FLY CONTROL IN BARN	2.5 lbs Diazinon W-40 to 25 gallons of water. Apply as an overall spray to ceilings and walls OR 2.5-5 lbs Diazinon W-40 plus 1 pound sugar to 25 gallons of water. Do not contaminate milk, feed, drinking water or apply directly to animals. Do not use in dwellings or in edible product areas.		