

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1/13

JAN 2 1990

TO: [Faded text]

FROM: [Faded text]

Registration No. 34704-485

Before you release the product for shipment bearing the above labeling:

- Place the following restricted statement on the front panel of the product label:

[Faded text for restricted statement]

It is noted that the Registration Statement for this product was issued on August 1988. In light of the Agency's current information on diazinon, data the Agency determined to be necessary to fully characterize diazinon, revised or new labeling requirements, and compliance dates.

59432:I:Arrington:LR-2:KENCO:1/26/90:2/20/90:ka:sw:vo:ka

CONCURRENCES

SYMBOL							
DATE							

2/13

-2-

Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

George S. DeLuca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure



JRQ 16x9

DIAZINON 40 WP

ACTIVE INGREDIENT:
 O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 40%

INERT INGREDIENTS: 60%

TOTAL **100%**

**KEEP OUT OF REACH OF CHILDREN
WARNING AVISO**

For CAUTIONAL USE only. Do not use on or near edible crops. Do not use on or near ornamental plants, shrubs, or trees. Do not use on or near water bodies. Do not use on or near birds, bees, or other beneficial insects.

EPA REG. NO. 34764-485 EPA EST. NO. 279-CA-1

NET WEIGHT _____ POUNDS

Diazinon Mixture, Dry
RQ NA2783

ORM-A



STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

STORAGE: Store in a cool, dry place, away from heat and open flame. Do not hold partially full drums for extended periods of time. Do not store in plastic or plastic containers. Tank fittings containing copper, brass or rubber should not be used.

DISPOSAL: Paper and Plastic Bags—Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Fiber Drum with Liners—Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Dispose of liner in a sanitary landfill or by incineration, if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.



See Attached Booklet For Complete Directions for Use.

FORMULATED FOR
PLATTE CHEMICAL CO.

150 SO. MAIN STREET FREMONT, NEBRASKA 68001

24000

ORM-A



DIAZINON 40 WP

ACTIVE INGREDIENT:	BY WT.
O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	40%
INERT INGREDIENTS:	60%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

EPA REG. NO. 34704-485
EPA EST. NO. 279-CA-1

NET WEIGHT _____ POUNDS
See Below For Additional Warning Statements.

24969

OTYF-A

WARNING

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of water and wetlands. 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.

Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

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.

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until the spray has dried. Certain states may require more restrictive reentry intervals for various crops treated with this product. Consult your State Department of Agriculture for further information.

A 5-day reentry interval has been established for Diazinon on citrus, grapes, peaches and nectarines in California. Five days should lapse between the time of application and the time a worker may enter in the field to engage in activity requiring substantial contact with treated foliage. When a mixture of two or more organic phosphate pesticides is applied in combination, the interval shall be prolonged by adding to the longest applicable interval, either (1) 50 percent of the shortest applicable safety interval or (2) 4 days, whichever is the longest.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written and oral warnings must include the following information.

WARNING

Area treated with DIAZINON 40 WP on (date of application). Do not enter without appropriate protective clothing until the spray has dried. Required Protective Clothing: long-sleeved shirt, long legged pants, rubber gloves and rubber overshoes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

STORAGE: Store in a cool, dry place, away from heat and open flame. Do not hold partially full drums for extended periods of time. Do not store in polyethylene or plastic containers. Tank fittings containing copper, brass or rubber should not be used.

DISPOSAL: Paper and Plastic Bags—Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. **Fiber Drum with Liners—**Completely empty liner by shaking and tapping sides and bottom to loosen clothing particles. Empty residue into application equipment. Dispose of liner in a sanitary landfill or by incineration, if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

GENERAL INFORMATION

Best control is obtained when application is made at first sign of insects. Applications should be repeated as necessary to maintain control. Since DIAZINON 40 WP is a wettable powder formulation constant agitation is necessary during application.

DIRECTIONS FOR DILUTION

Unless specified, use the following recommendations. For concentrate and air use on fruit and nut crops use an equivalent rate per acre where not specified.

DILUTE APPLICATION: Ground Application: Apply specified rate in 20 to 60 gallons of water per acre. **Orchard Application:** Apply specified rate in 100 to 600 gallons of water per acre, where rates are given on a per acre basis.

CONCENTRATE APPLICATION: Ground Application: Apply specified rate in not less than 5 gallons of water per acre. **Orchard Application:** Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

CHEMIGATION: Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION" for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

FRUIT & NUT CROPS

WHERE RATES ARE GIVEN PER 100 GALLONS OF WATER THE MAXIMUM RATE PER ACRE IS GIVEN IN PARENTHESES IS AT THE END OF EACH CROP CLAIM.

ALMONDS: Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4 to 2 lbs. per 100 gallons of water. *Mites, Pear: Twig Borer* - apply at first signs of insects and repeat as necessary. *Pear: Pear Scale, San Jose Scale - Dormant Spray* - add 6.9 gal's (3.6 gals. concentrate) spray oil per acre. No time limitation. (15)

APPLES: Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4 lbs. per 100 gallons of water. *Leafhoppers* - apply 3-5 applications beginning at petal fall and continuing through the growing season or as infestation develops. *San Jose Scale, Mealybugs, European Red Mite eggs, Brown Mite eggs, Apple Aphid eggs* - Dormant or delayed dormant spray - add 6-8 gals. (3-6 gals. concentrate) spray oil per acre. *Eye Spotted Bud Moths, Fruit Tree Leaf Rollers, Mealybugs* - apply 3-8 cover sprays beginning in pink stage. Do not apply within 14 days of harvest. (15)

APPLES & PEARS: Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4 lbs. per 100 gallons of water. (15)

(continued)

BEST AVAILABLE COPY

DIAZINON 40 WP

EPA REG. NO. 34704-485

(continued)

NON 40 WP: 1 1/4 lbs. per 100 gallons of water. *Codling Moth, Rosy Apple Aphid, Green Apple Aphid, Woolly Apple Aphid, Mites* - apply 3-8 cover sprays beginning with first cover and timed to insect infestations. *Apple Maggots* - apply 3 cover sprays when flies are active and laying eggs. *San Jose Scale Crawlers, Forbes Scale Crawlers* - apply early in the season when crawlers first appear. If infestation warrants, make a second application 7-10 days later. Do not apply within 14 days of harvest. (15)

APRICOTS: Unless specified use the following rates of DIAZINON 40 WP: 1 1/4 lbs. per 100 gallons of water. *San Jose Scales, Brown Apricot Scales, Walnut Scale, Apricot Mealybug* - Dormant spray 6-8 gals. (3-5 gals. concentrate) spray oil per acre. *Aphids, Brown Mites, Clover Mites, Two-spotted Spider Mite, Olive Scale Crawlers, San Jose Scale* - apply when Aphid, Mites and Scale Crawlers first appear. *Olive Scale Crawlers* - apply 2 1/2 lb. with 1 gallon spray oil per 100 gallons of water. *Apricot Mealybug* - apply as a cover spray from petal fall to June. Do not apply within 10 days of harvest. (10)

BLUEBERRIES: *Cranberry Fruitworms, Cherry Fruitworm, Blueberry Maggots, Aphids, Thrips, Two-spotted Mite* - apply 2-2 1/2 lbs. per acre in 100 to 200 gallons of water dilute or 20 to 100 gallons of water for concentrate. Special equipment is required for concentrate application. Do not apply within 7 days of harvest.

CANEBERRIES, BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES & RASPBERRIES: *Leafhoppers, Thrips, Aphids, Two-spotted Mites, Raspberry Sawflies* - apply 2-2 1/2 lbs. per acre in 100 to 200 gals. water dilute or 20 to 100 gallons of water for concentrate. Special equipment is necessary for concentrate application. *Raspberry Fruitworms* - apply at the above rates when blossom buds separate and repeat application immediately before blossoms open. *Dryberry Mites* - apply 2 1/2 lbs. per acre in 100 gallons of water. Apply as a dormant spray in early spring, when canes are still on the ground and buds are closed. *Raspberry Crown Borers (Raspberry Root Borers)* - apply 5 to 15 lbs. per acre in 100 to 300 gallons of water and apply as a drench to the crown area and to the lower canes. Apply either in the spring before berries begin to form or in the fall after harvest. Do not apply when fruit is present. Do not apply within 7 days of harvest.

CHERRIES: Unless specified, use the following rates of DIAZINON 40 WP: 1 1/2 lbs. per 100 gallons of water. *Brown Apricot Scale, San Jose Scale, Black Scale, Black Cherry Aphid eggs, Brown Mite eggs* - Add 6-8 gals. (3-5 gals. concentrate) spray oil per acre. Apply as a dormant spray. *Eye-spotted Bud Moth, Fruit-tree Leaf Roller* - apply as a cover spray as necessary, beginning with petal fall. *Leafhoppers* - make 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop. *Cherry Fruit Fly* - make 3 or 4 applications, beginning when adult flies begin to emerge and repeat at 10-day intervals. *Black Cherry Aphid* - apply as a cover spray when aphids appear and repeat after 10 days. *San Jose Crawlers* - apply during the pre-pink stage or when crawlers first appear. *Cherry Rust Mite* - apply as a supplemental spray after harvest. Do not apply within 10 days of harvest (12 1/2 Post Harvest Only) (10/10 days before harvest).

CRANBERRIES: *Blackheaded Fireworms* - apply 5 lbs. per acre in 400 gallons of water. *Cranberry Fruitworms* - apply 7 1/2 lbs. per acre in 400 gallons of water. Do not apply within 7 days of harvest.

FIGS: Unless specified, use the following rates of DIAZINON 40 WP. Dilute Application - 6-10 lbs. per acre. Air or concentrate Application - 5-7 lbs. per acre. *Vinegar Flies (Drosophila spp.), Dried Fruit Beetles* - Do not apply within 5 days of harvest at the 6 lbs. rate. Rates over 6 lbs. to 10 lbs. do not apply within 10 days of harvest.

FILBERTS: *Filbert Leaf Rollers, Aphids* - Apply 2 1/2-5 lbs. in 250-400 gals. of water per acre as a thorough cover spray. No time limitation. (5)

CITRUS FRUITS: Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangerines, Citrus Citron, Kumquats, and hybrids of these: *Citrus Aphid, Cottony-cushion Scale Crawler and Scale Crawlers* - apply 6 1/2-12 lbs. per acre. Thorough cover spray when aphids and crawlers stage of scale insects first appear. *Fruit-tree Leaf Roller* - apply 6 1/2-12 lbs. per acre when 50% of eggs in egg masses have hatched in spring. *Citrus Thrips* - apply 12 1/2 lbs. per acre when thrips first appear. *Citrus Snow Scale* - apply 12 1/2 lbs. per acre as a post-bloom spray and again as a summer spray, thorough coverage of tree trunk, limbs, and twigs is essential. Do not apply within 21 days of harvest. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

GRAPES: *Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leaf Folder* - apply 2 1/2 lbs. per acre. Do not apply within 10 days of harvest. *Vinegar Flies (Drosophila spp.)* - apply 1.4 lbs. per acre. Do not apply within 7 days of harvest.

OLIVES: *Olive Scale* - apply 8 lbs. plus 3-5 gals. spray oil per acre as a cover spray in June or July. Do not apply during bloom. Do not apply within 75 days of harvest. (30)

PEACHES, NECTARINES: Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4 lbs. per 100 gallons of water. *San Jose Scale, Brown Apricot Scale, Walnut Scale, Apricot Mealybug* - Add 6-8 gallons (3-6 gals. concentrate) spray oil per acre as a dormant spray. *Peach Twig Borer, Parlatona Scale* - Add 4-5 gals. spray oil per acre at petal fall. *Aphids, Brown Mites, Clover Mites, Two-spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers* - apply when aphids, mites and scale crawlers first appear. *Oriental Fruit Moth, Peach Twig Borer, Leaf hoppers* - For Oriental Fruit Moth, apply at 100% petal fall then 2 more applications at 10-15 day intervals timing the last application at moth flight peak. *White Peach Scale* - apply 7-10 lbs. per acre at post-harvest timed to coincide with peak crawler and immature scale activity, two applications may be necessary for heavy infestation. Do not apply within 20 days of harvest on peaches, 10 days of harvest on nectarines. (10)

PEARS: Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4 lbs. per 100 gallons of water. *Rosy Apple Aphid, Green Apple Aphid, Woolly Apple Aphid, Codling Moths, Mites, Pear Psylla, Tentiform Leaf Miners, Mealybugs, San Jose Scale Crawlers, Forbes Scale Crawlers*.

Pear Leaf Blister Mites, Mealybugs, San Jose Scales, Brown Apricot Scale - Add 6-8 gallons (3-5 gals. concentrate) spray oil per acre as a dormant spray. Do not apply within 14 days of harvest. (30 Post Harvest Only) (15/14 days before harvest).

PECANS: *Aphids, Mites, Pecan Nut Casebearers, Walnut Caterpillars* - apply 2 1/2-7 1/2 lbs. per acre. Do not apply after husks crack.

PINEAPPLES: *Pineapple Scales* - apply 12 1/2 lbs. plus 2 gals. light or medium horticultural oil per acre. Apply on vegetative slips after harvest. *Pineapple Mealybugs* - apply 5 lbs. per acre. Pineapple forage and refuse may be fed to livestock 7 days after last application.

PLUMS & PRUNES: Unless specified, use the following rates of DIAZINON 40 WP: Dilute Application - 6-10 lbs. per acre. Air or concentrate Application - 5-7 lbs. per acre. *Peach Twig Borers, Mealy Plum Aphid eggs, San Jose Scale, Parlatona Scales, Brown Almond Mites* - Add 6-8 gallons (3-5 gals. concentrate) spray oil per acre. *Brown Mites, Clover Mites, European Red Mites, Leaf Curl Plum Aphids, Mealy Plum Aphids, Thistle Aphids* - Do not apply within 10 days of harvest.

STRAWBERRIES: *Aphids, Two-spotted Spider Mites* - apply 1 1/2-2 1/2 lbs. per acre. *Cyclamen Mites* (direct spray to plant crowns. Aerate plants to assure thorough coverage of foliage), *Mole Cricket* (apply 1-2 days before transplanting and work into top 1-2 inches of soil). *Strawberry Leaf Miner* (apply when blossoms show color) - apply 2 1/2 lbs. per acre. Do not apply within 5 days of harvest.

WALNUTS: *Aphids, Mites* - apply 2 1/2 lbs. per acre. *Codling Moth, Scale Crawlers, Walnut Caterpillars* - apply 7 1/2 lbs. per acre. Do not apply after husks open.

VEGETABLES

Apply at first sign of insects and repeat as necessary

BEANS (Pole Bean, Snap Bean, Lima Bean): *Black Bean Aphids, Mexican Bean Beetle, Leaf Miners* - apply 1 1/4-1 1/2 lbs. per acre. *Cucumber Beetles* - apply 1/2-1 1/4 lbs. per acre. Lima beans only. *Dipterous Leaf Miners, Leafhoppers, Mites* - apply 1 1/4 lbs. per acre. Do not apply within 7 days of harvest. Forage and hay may be fed to beef cattle, dairy cattle and sheep. Wait 4 days following treatment, if forage is to be cut for hay.

BROCCOLI, CABBAGE & CAULIFLOWER: *Aphids, Diamondback Moths, Imported Cabbage Worm* - apply 1/2-1 1/4 lbs. per acre. Do not apply within 7 days of harvest on cabbage, 5 days of harvest on broccoli and cauliflower.

BRUSSELS SPROUTS: *Aphids, Diamondback Moth, Imported Cabbageworm* - apply 1 1/4 lbs. per acre. Do not apply within 7 days of harvest.

CARROTS: *Aphids* - apply 1 1/4 lbs. per acre. Do not apply within 10 days of harvest.

CELERY: *Aphids, Flea Beetles* - apply 1 1/4 lbs. per acre. *Dipterous Leaf Miner* - apply 1/2-1 1/4 lbs. per acre. Plants should be market trimmed (tops removed) before being shipped or used. Tops should not be used for food or feed. Do not apply within 10 days of harvest.

COLLARDS, KALE, SWISS CHARD & TURNIP TOPS: *Aphids, Imported Cabbageworm, Diamondback Moth, Harlequin Spink Bug* - apply 1/2-1 1/4 lbs. per acre. Do not apply within 12 days of harvest on swiss chard. 10 days of harvest on collards, kale and turnip tops.

CUCUMBERS: *Aphids, Serpentine Leaf Miners, Thrips* - apply 1 1/4 lbs. per acre. Do not apply within 7 days of harvest.

LETTUCE & ENDIVE: *Aphids, Dipterous Leaf Miners* - apply 1/2-1 1/4 lbs. per acre. Do not apply within 10 days of harvest on lettuce and endive.

MELONS & SQUASH: (Cantaloupe, Casaba, Crenshaw, Honeydew Melon, Muskmelons, Persian Melons, and hybrids of these, Watermelon and their hybrids (Summer and Winter Squash): *Aphids, Leafhoppers, Mites* - apply 1 1/4-1 1/2 lbs. per acre. *Serpentine Leaf Miners, Thrips* - apply 1/2-1 1/4 lbs. per acre. Do not apply within 7 days of harvest for summer squash, 3 days of harvest for melons or winter squash.

ONIONS: *Onion Thrips* - apply 1 1/4 lbs. per acre. Do not apply within 10 days of harvest.

PEAS: *Aphids, Leaf Miners* - apply 1-1 1/4 lbs. per acre. Peas may be

(continued)

DIAZINON 40 WP

EPA REG. NO. 34704-485

(continued)

picked immediately. Hay and peavine hay may be fed to dairy cattle, beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

PEPPERS: *Aphids, Serpentine Leaf Miners* - apply $\frac{1}{2}$ lbs. per acre. Do not apply within 5 days of harvest.

POTATOES: *Aphids, Flea Beetles, Colorado Potato Beetles, Dipterous Leaf Miners* - apply $\frac{1}{2}$ -1 lb. per acre. *Banded Cucumber Beetles, Leafhoppers, Southern Armyworms* - apply 1-1 $\frac{1}{4}$ lbs. per acre. Do not apply within 35 days of harvest.

RADISHES, PARSNIPS & TURNIPS: *Aphids, Dipterous Miners* - apply $\frac{1}{2}$ -1 $\frac{1}{4}$ lbs. per acre. Do not apply within 10 days of harvest on radishes, parsnips and turnips.

SPINACH & BEETS: *Aphids, Dipterous Leaf Miners* - apply $\frac{1}{2}$ -1 $\frac{1}{4}$ lbs. per acre. Do not apply within 10 days of harvest on spinach. Do not apply within 14 days of harvest on beets.

SWEET CORN: *Corn Earworm* - apply 2 $\frac{1}{2}$ -3 $\frac{1}{2}$ lbs. per acre. Apply when silks first appear. Two or three repeated applications at 2-3 day intervals will usually be necessary. May be picked immediately following last application. Corn forage may be fed to dairy cattle, beef cattle and sheep.

TOMATOES: *Aphids, Dipterous Leaf Miners* - apply $\frac{1}{2}$ lbs. per acre. *Banded Cucumber Beetle, Fall Armyworms, Southern Armyworms* - apply 1-1 $\frac{1}{4}$ lbs. per acre. *Vinegar Flies* - apply $\frac{1}{2}$ -1 lb. per acre. Do not apply within 1 day of harvest.

WATERCRESS (Hawaii Only): *Cycloper Mites* - apply 1 $\frac{1}{2}$ lbs. per acre. Do not apply within 5 days of harvest.

SOIL INSECTS

Apply recommended rate with 10-50 gallons of water per acre by ground application.

Carrot Rust Flies - Carrots - apply 5 lbs. per acre to seed furrow at planting time.

Cutworms (surface and subterranean)

Broccoli	Endive	Potatoes
Brussels Sprouts	Kale	Snap Beans
Cabbage	Lettuce	Spinach
Cantaloupe	Lima Beans	Summer Squash
Cauliflower	Muskmelons	Sweet Corn
Celery	Parsley	Swiss Chard
Collard	Peas	Tomatoes
Cucumbers	Peppers	Watermelons
		Winter Squash

Apply 5-10 lbs. per acre. Apply broadcast just before planting. Work into soil immediately 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Garden symphylans (centipedes)

Cabbage	Lettuce	Red Beans
Carrots	Peas	Snap Beans
Corn	Pole Beans	Tomatoes
	Radishes	Turnips

Apply 25 lbs. per acre. Apply broadcast just before planting. Work into soil 4-8 inches immediately.

Male Crickets - apply 2 $\frac{1}{2}$ lbs. per acre on the following crops. Apply to plant beds or fields 1-2 days before sowing seed or transplanting. Work into soil 1-2 inches immediately.

Broccoli	Collards	Mustard
Brussels Sprouts	Endive	Peppers
Cabbage	Kale	Radishes
Cauliflower	Lettuce	Tomatoes
		Turnips

Onion Maggots - Onions - apply 2 $\frac{1}{2}$ lbs. per acre. Drench seed furrow at planting. Apply 5-10 lbs. per acre as a broadcast treatment before planting. Work into soil 3-4 inches immediately.

Root Maggots - apply 5-7 $\frac{1}{2}$ lbs. per acre on the following crops, as a broadcast treatment and immediately work into soil 3-4 inches before sowing, either in seed bed or in field before transplanting.

Broccoli	Cabbage
Brussels Sprouts	Cauliflower

Wireworms - apply broadcast before planting and work into soil 4-8 inches immediately.

Broccoli	Endive	Snap Beans
Brussels Sprouts	Kale	Spinach
Cabbage	Lettuce	Summer Squash
Cantaloupe	Lima Beans	Sweet Corn
Carrots	Muskmelons	Sweet Potatoes
Cauliflower	Onions	Swiss Chard
Celery	Parsley	Tomatoes
Collards	Peas	Watermelons
Cucumbers	Peppers	Winter Squash

Apply 7 $\frac{1}{2}$ -10 lbs. per acre. Potatoes - apply 7 $\frac{1}{2}$ -15 lbs. per acre.

Southern Potato Wireworms - Potatoes - apply 5-10 lbs. per acre. For southeastern U.S. only. Broadcast before planting and immediately work into soil 3-6 inches.

FORAGE & FIELD INSECTS

ALFALFA CLOVER: *Spotted Alfalfa Aphid, Yellow Clover Aphid, Pea Aphid, Leafhoppers, Plant Bug Nymphs, Mites* - apply 1-1 $\frac{1}{4}$ lbs. per acre. *Grasshoppers* - apply 1 $\frac{1}{4}$ lbs. per acre. *Cutworms* (surface and subterranean) - apply 5-10 lbs. per acre. Broadcast just before planting and work into soil immediately 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. Dairy and beef cattle and sheep may be grazed immediately following applications, may be fed green alfalfa immediately following cutting, and may be fed hay provided alfalfa is not cut for hay 7 days following treatment. Do not spray livestock directly with either air or ground equipment.

Alfalfa Weevil Larvae - apply 2 $\frac{1}{2}$ -3 $\frac{1}{4}$ lbs. per acre. Apply in spring when feed damage to growing tips become evident. Repeat, if necessary. If damage is already extensive, cut hay and apply to stubble. Do not graze dairy or beef cattle or sheep for 2 days. Do not cut for hay for 10 days after treatment. Do not spray livestock directly. Do not treat during bloom.

CORN (field and sweet): *Corn Rootworm Larvae* - apply 3 $\frac{1}{2}$ -6 $\frac{1}{2}$ oz. per 1,000 linear feet of row at planting time in seed furrow in a 4-7 inch band directly behind planter shoe in a minimum of 5 gallons of water per acre. For post emergence basal treatment, apply 1 $\frac{1}{2}$ -3 $\frac{1}{4}$ oz. per 1,000 linear feet of row. Apply to wet base of corn plant and narrow band of soil next to plant. Cover treated band with 2-3 inches of soil using disk tiller or cultivator immediately after application. Apply at first sign of larvae. Do not apply later than June 24 in middle corn belt or July 1 in northern corn belt. *Cutworm* (surface and subterranean) - apply 5-10 lbs. per acre. For surface cutworms, apply just before planting or within 10 days after planting and work into soil 1-2 inches immediately. Do not apply to corn plants. For subterranean cutworms, apply just before planting and work into soil 3-6 inches immediately.

Wireworms - apply 7 $\frac{1}{2}$ -10 lbs. per acre. Apply before planting and work into soil. **Corn Root Worms (adults)** - apply $\frac{1}{2}$ -1 $\frac{1}{4}$ lbs. per acre. **Corn Leaf Aphid** - apply 1 $\frac{1}{4}$ -2 $\frac{1}{2}$ lbs. per acre. Completely cover the upper portions of plants. **Grasshoppers** - apply 1 $\frac{1}{4}$ lbs. per acre. **Sap Beetles** - apply 2 $\frac{1}{2}$ -3 $\frac{1}{4}$ lbs. per acre. Add 1-2 gals. soluble mineral oil to spray mixture per acre. Consult local agricultural authorities for proper timing of sprays.

Corn may be harvested immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep.

COTTON: *Spider Mites, Aphids, Leafhoppers, Lygus Bug, Cotton Leaf-worms, Cotton Leaf Perforators* - apply $\frac{1}{2}$ -1 $\frac{1}{4}$ lbs. per acre. Do not apply within 14 days of harvest. Do not graze treated cotton plants nor feed gin waste to livestock.

COWPEAS, LESPEDEZA: *Cutworms* (surface and subterranean) - apply 5-10 lbs. per acre. Broadcast just before planting and work into soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

HOPS: *Aphid, Mites* - apply 2 $\frac{1}{2}$ lbs. per acre. Do not apply within 14 days of harvest.

PEANUTS: *Cutworms* (surface and subterranean) - apply 5 lbs. per acre. Apply in 12-inch band over row when trunk lines appear, 2 or 3 more applications at 3 week intervals may be necessary. Do not apply within 21 days of harvest. Livestock may be fed peanut hulls, may be fed peanut forage 7 days following treatment and may be fed peanut hay 21 days following treatment.

SORGHUM: *Sorghum Midges* - apply $\frac{1}{2}$ -1 $\frac{1}{4}$ lbs. per acre. Apply when 90% of heads have emerged from boot. Repeat within 4 days. Do not apply within 7 days of harvest for grain crop may be fed to livestock immediately following treatment. *Cutworms* (surface and subterranean) - apply 5-10 lbs. per acre. Broadcast just before planting, work into soil immediately 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

SOYBEANS: *Cutworms* (surface and subterranean) - apply 5-10 lbs. per acre. Apply just before planting. Work into soil immediately 2-3 inches for surface cutworms and 3-6 inches for subterranean cutworms.

SUGAR BEETS: *Beet Leafhoppers, Dipterous Leaf Miners, Aphids* - apply 1-1 $\frac{1}{4}$ lbs. per acre. *Grasshoppers* - apply 1 $\frac{1}{4}$ lbs. per acre. No time limitation. Tops may be fed to dairy and beef animals. *Wireworms* - apply 7 $\frac{1}{2}$ -10 lbs. per acre. Apply broadcast just before planting and work into soil 4-8 inches immediately.

SUGAR CANE: *Aphids* - apply $\frac{1}{2}$ -1 $\frac{1}{4}$ lbs. per acre. Do not apply within 14 days of harvest.

(continue)

DIAZINON 40 WP

EPA REG. NO. 34704-485

(continued)

day of harvest. Foliar Application - Bagasse and forage may be fed to livestock. *Wireworms* - apply 10 lbs. per acre. Apply in 12 inches band centered over furrow directly to seed pieces at covering time.

TOBACCO: *Aphids, Flea Beetles* - apply $\frac{1}{2}$ - $\frac{1}{4}$ lbs. per acre. Do not apply within 3 days of harvest. *Caterpillars* (surface and subterranean) - apply 5-7 $\frac{1}{2}$ lbs. per acre. Broadcast before transplanting. Work immediately into soil 2-4 inches. *Green June Beetles Larvae* - apply $\frac{1}{2}$ lbs. per 100 gals. of water to cover 100 sq. yds. Apply as a drench to uprooted sides of plant beds with sprinkling can. *Mole Cricket* - apply 2 $\frac{1}{2}$ lbs. per acre. Broadcast just when insects are present. Apply to beds or fields 10 days before sowing seed or transplanting and work into soil 1-2 inches immediately. *Seed Corn Maggots* - apply 3 $\frac{1}{4}$ lbs. per acre. Broadcast 3-4 weeks before transplanting and work into soil 2 inches immediately. Transplant water application use 1 $\frac{1}{2}$ -3 $\frac{1}{4}$ oz. per 50 gallons of water. *Wireworms* - apply 5-7 $\frac{1}{2}$ lbs. per acre. Broadcast 3-4 weeks before transplanting and work into soil 6-9 inches immediately. Transplant water application use 1 $\frac{1}{2}$ -3 $\frac{1}{4}$ oz. per 50 gals. of water.

RANGE, PASTURE & GRASSLAND

BERMUDA GRASS and FORAGE GRASSES (other than range and pasture grasses): *Thrips, White Flies, Grasshoppers* - apply 1 $\frac{1}{4}$ lbs. per acre. Apply in a minimum of 5 gallons water per acre by ground or air. Sheep, dairy and beef cattle may be grazed immediately following applications, may be fed green forage immediately following cutting and grass may be cut for hay 7 days following treatment. Do not repeat treatment more often than once every 30 days.

RANGELAND, PASTURE, GRASS FORAGE, DITCH BANKS, ROADSIDES, WASTELAND, NONCROP AREAS and BARRIER STRIPS: *Grasshoppers* - apply 1-1 $\frac{1}{4}$ lbs. per acre. Apply in a minimum of 5 gallons water per acre by ground or air. Sheep, beef and dairy cattle may be grazed immediately following application, may be fed green forage immediately following cutting and may be fed hay, providing grass is not cut for hay for 21 days if the spray is a water solution or for 30 days if the spray is an oil solution. Do not spray livestock directly. Do not repeat treatment more often than once every 30 days.

FLY CONTROL

FLY CONTROL SPRAY: apply 2 $\frac{1}{2}$ lbs. in 25 gallons of water. Apply to ceilings and walls of livestock sheds, calf barns, hog barns and other livestock traps. Spray other areas where flies congregate, such as garbage dumps and corrals. Use the high rate for longer residual control. Apply to point of runoff. One gallon of spray mix covers 350-750 sq. feet. Repeat as necessary.

SPOT BAIT SPRAY: apply 1 $\frac{1}{4}$ lbs. per 12 gallons of water plus 2 lbs. sugar. Apply with knapsack or similar type sprayer to areas frequented by flies such as doorways and around windows. Repeat as necessary. Do not apply in poultry houses, dairy barns or milk rooms. Remove animals from buildings during sprayings and keep them out at least 4 hours. Do not spray animals or contaminate their feed or drinking water. Do not use in dwellings.

NOTICE

Manufacturer and Seller warrant that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, 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 Manufacturer and Seller. In no case shall Manufacturer and Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Manufacturer and Seller make no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

FORMULATED FOR
PLATTE CHEMICAL CO.

1000 MARY STREET, FREMONT, NEBRASKA 68021

apply within 5 days of harvest.

SOIL INSECTS

Apply recommended rates with 10-50 gallons of water per acre by ground application.

Carrot Root Fly - Carrots - apply 5 lbs. per acre to seed furrow at planting time.

Cutworms (surface and subterranean)

Broccoli	Endive	Potatoes
Brussels Sprouts	Kale	Snap Beans
Cabbage	Lettuce	Spinach
Cantaloupe	Lima Beans	Summer Squash
Cauliflower	Mustardgreens	Sweet Corn
Celery	Parley	Swiss Chard
Collard	Peas	Tomatoes
Cucumbers	Peppers	Watermelons
		Winter Squash

Apply 5-10 lbs. per acre. Apply broadcast just before planting. Work into soil immediately 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Garden Symphyla (leafhopper)

Cabbage	Lettuce	Red Beans
Carrots	Peas	Snap Beans
Corn	Pole Beans	Tomatoes
	Radishes	Turnips

Apply 25 lbs. per acre. Apply broadcast just before planting. Work into soil 4-8 inches immediately.

Mole Crickets - apply 2 1/2 lbs. per acre on the following crops. Apply to plant rows or fields 1-2 days before sowing seed or transplanting. Work into soil 1-2 inches immediately.

Broccoli	Collards	Mustard
Brussels Sprouts	Endive	Peppers
Cabbage	Kale	Radishes
Cauliflower	Lettuce	Tomatoes
		Turnips

Chern Magna - Corn - apply 2 1/2 lbs. per acre. (Trench seed furrow at planting. Apply 5-10 lbs. per acre as a broadcast treatment before planting. Work into soil 3-4 inches immediately.)

Red Magna - apply 5 1/2 lbs. per acre on the following crops as a broadcast treatment and immediately work into soil 3-4 inches before seeding, either in seed bed or in field before transplanting.

Broccoli	Cabbage
Brussels Sprouts	Cauliflower

Wireworms - apply broadcast before planting and work into soil 4-8 inches immediately.

Broccoli	Endive	Snap Beans
Brussels Sprouts	Kale	Spinach
Cabbage	Lettuce	Summer Squash
Cantaloupe	Lima Beans	Sweet Corn
Carrots	Mustardgreens	Sweet Potatoes
Cauliflower	Onions	Swiss Chard
Celery	Parley	Tomatoes
Collards	Peas	Watermelons
Cucumbers	Peppers	Winter Squash

Apply 7 1/2-10 lbs. per acre. Potatoes - apply 7 1/2-15 lbs. per acre.

Southern Potato Wireworms - Potatoes - apply 5-10 lbs. per acre. For southeastern U.S. only. Broadcast before planting and immediately work into soil 3-6 inches.

FORAGE & FIELD INSECTS

ALFALFA CLOVER - Sorghal Aphid, Yellow Clover Aphid, Red Aphid, Leafhoppers, Plant Bug, Nymphs, Mites - apply 1-1 1/2 lbs. per acre. Grasshoppers - apply 1 1/2 lbs. per acre. Cutworms (surface and subterranean) - apply 5-10 lbs. per acre. Broadcast just before planting and work into soil immediately 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. Dairy and beef cattle and sheep may be grazed immediately following applications. May be fed green alfalfa immediately following cutting, and may be fed hay provided alfalfa is not cut for hay 7 days following treatment. Do not spray livestock directly with either air or ground equipment.

Alfalfa Weevil Larvae - apply 2 1/2-3 1/2 lbs. per acre. Apply in spring when feed damage to growing tops become evident. Repeat, if necessary. If damage is already extensive, cut hay and apply to stubble. Do not graze dairy or beef cattle or sheep for 2 days. Do not cut for hay for 10 days after treatment. Do not spray livestock directly. Do not treat during bloom.

CORN (field and sweet) - Corn Rootworm Larvae - apply 3 1/2-6 1/4 oz. per 1,000 linear feet of row at planting time in seed furrow in a 4-7 inch band directly behind planter shoe in a minimum of 5 gallons of water per acre. For post-emergence basal treatment, apply 1 1/2-3 1/2 oz. per 1,000 linear feet of row. Apply to soil base of corn plant and narrow band of soil near to plant. Cover treated band with 2-3 inches of soil using disk harrow or similar implement after application. Apply at first sign of larvae. Do not apply later than June 24 in multiple corn belt or July 1 in northern corn belt. Cutworm (surface and subterranean) - apply 5-10 lbs. per acre. For surface cutworms, apply just before planting or when larvae first appear and work into soil 1-2 inches immediately. Do not apply later than July. For subterranean cutworms, apply just before planting and work into soil 3-6 inches immediately.

Wireworms - apply 7 1/2-10 lbs. per acre. Apply before planting and work into soil. **Carrot Root Worms** (larvae) - apply 1/2-1 1/2 lbs. per acre. **Corn Leaf Aphid** - apply 1 1/2-2 1/2 lbs. per acre. Commercially cover the above portions of plants. Grasshopper

Bracket

DIA 4

ACTIVE INGREDIENT:
O,O-dimethyl O-(2-isopropylphenyl) phosphorothioate
INERT INGREDIENTS

KEEP OUT OF
WARN

PRECAUCION AL USAR
producto hasta que la et

EPA R

BEST AVAILABLE COPY

WARNING

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of water and waterways. 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.

Shrimp and crab may be killed if application rates recommended on this label. Do not apply where these are important resources.

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.

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until the spray has dried. Certain states may have more restrictive reentry provisions for various crops treated with this product. Consult your State Department of Agriculture for further information.

A 5-day reentry interval has been established by Diazinon on citrus groves, peaches and nectarines in California. Five days should elapse between the time of application and the time a worker may enter in the field to engage in activity requiring substantial contact with treated foliage. When a mixture of two or more organic phosphate pesticides is applied in combination, the interval shall be prolonged by adding to the longest applicable interval either (1) 50 percent of the shortest applicable safety interval or (2) 4 days, whichever is the longest.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language commonly understood by workers. Written and oral warnings must include the following information:

WARNING

Area treated with DIAZINON 40 WP (at time of application). Do not enter without appropriate protective clothing until the spray has dried. Required Protective Clothing: long-sleeved shirt, long tapered pants, rubber gloves and rubber overshoes.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product must be reclaimed or stored at an approved waste disposal facility.

STORAGE: Store in a cool, dry place, away from heat and open flame. Do not hold partially full drums for extended periods of time. Do not store in polyethylene or plastic containers. Tank fittings containing copper brass or rubber should not be used.

DISPOSAL: Paper and Plastic Bags—Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. **Fiber Drums with Liners—**Completely empty liner by charging and tapping sides and bottom to loosen clinging particles. Empty liner into application equipment. Dispose of liner in a sanitary landfill or by incineration, if allowed by State and local authorities. If neither method is used and cannot be reused, dispose of in the same manner.

GENERAL INFORMATION

Best control is obtained when you observe the signs of their presence. Applications should be repeated as necessary for repeated control. Since DIAZINON 40 WP is a wettable powder form, a carrier and adjuvant is necessary during application.

DIRECTIONS FOR DILUTION

Unless specified, use the following dilution recommendations. For concentrate and air use on fruit and nut crops, use an amount of water per acre where not specified.

DILUTE APPLICATION: Ground Application. Apply specified rate in 20 to 80 gallons of water per acre. Orchard Application: Apply specified rate in 100 to 800 gallons of water per acre, where rates are given on a per acre basis.

CONCENTRATE APPLICATION: Ground Application. Apply specified rate in not less than 5 gallons of water per acre. Orchard Application: Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AIR APPLICATION. Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied at less than 10 gallons of water per acre.

CHEMIGATION. Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS/CHEMIGATION" for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

FRUIT & NUT CROPS

WHERE RATES ARE GIVEN PER 100 GALLONS OF WATER THE MAXIMUM RATE PER ACRE IS GIVEN IN PARENTHESES IS AT THE END OF EACH CROP CLASS.

ALMONDS. Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4 lbs.

2 lbs. per 100 gallons of water. *Mites, Peach Ring Borer.* - apply at first signs of insects and repeat as necessary. *Pacific Pear Scale, San Jose Scale, Dormant Spray.* - add 6-8 gals. (3-8 gals. concentrate) spray oil per acre. No time limitation. (15)

APPLES: Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4 lbs. per 100 gallons of water. *Leafhoppers.* - apply 3-5 applications beginning at petal fall and continuing through the growing season or as infestation develops. *San Jose Scale, Mealybugs, European Red Mite eggs, Brown Mite eggs, Apple Aphid eggs.* - Dormant or delayed dormant spray - add 6-8 gals. (3-8 gals. concentrate) spray oil per acre. *Eye Spotted Bud Mite, Fruit Tree Leaf Rollers, Mites, etc.* - apply 3-8 cover sprays beginning in pink stage. Do not apply within 14 days of harvest. (15)

APPLES & PEARS: Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4 lbs. per 100 gallons of water. *Crofting, H. m., Ring Apple Aphid, Green Apple Aphid, Woolly Acanth, etc.* - apply 3-8 cover sprays beginning with first flower and timed to insure effective control. *Mealybugs.* - apply 3 cover sprays when trees are active and leafing open. *San Jose Scale, Crawlers, European Scale Crawlers.* - apply early in the season when crawler stage begins. *European Scale Crawlers.* - second application 7-10 days later. Do not apply within 14 days of harvest. (15)

APRICOTS: Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4 lbs. per 100 gallons of water. *San Jose Scale, Brown Apple Acanth, etc.* - apply 3-8 cover sprays beginning with first flower. *European Scale Crawlers, Olive Scale Crawlers.* - apply 2 1/2 lbs. with 1 gal. spray oil per 100 gallons of water. *Apricot Mealybug.* - apply as a cover spray from petal fall to June. Do not apply within 10 days of harvest. (10)

BLUEBERRIES, Cranberry Fruitworms, Cherry Fruitworm, Blueberry Maggot, Aphids, Thrips, Two-Spotted Mite. - apply 2 2 1/2 lbs. per acre in 100 to 200 gallons of water (8 lbs. or 20 to 100 gallons of water for concentrate. Special equipment is required for concentrate application. Do not apply within 7 days of harvest.

CANE BERRIES, BLACKBERRIES, BOYSBERRIES, DEWBERRIES, LOGAN-BERRIES & RASPBERRIES: *Leafhoppers, Thrips, Aphids, Two-spotted Mite, Raspberry Saw-fly.* - apply 2 2 1/2 lbs. per acre in 100 to 200 gals. water dilute or 20 to 100 gallons of water for concentrate. Special equipment is necessary for concentrate application. *Raspberry Fruitworms.* - apply at the above rates when blossom buds separate and repeat application immediately, before blossoms open. *Dryberry Mites.* - apply 2 1/2 lbs. per acre in 100 gallons of water. Apply as a dormant spray in early spring when canes are still on the ground and buds are closed. *Raspberry Crown Borer (Raspberry Root Borer).* - apply 5 to 15 lbs. per acre in 100 to 300 gallons of water and apply as a trench in the crown area and to the lower canes. Apply either in the spring before berries begin to form, or in the fall after harvest. Do not apply when fruit is present. Do not apply within 7 days of harvest.

CHERRIES. Unless specified, use the following rates of DIAZINON 40 WP: 1 1/4

BEST AVAILABLE COPY

lb. per 100 gallons of water. Brown Apple Grate, San Jose Scale, Plant Scale, Red Cherry Aphid eggs, Brown Mite eggs - Add 8-8 gals. (3-5 gals. concentrate) spray of per acre. Apply as a dormant spray. Eye-spotted Bud Moth, Fruit Tree Leaf Miner, apply as a cover spray as necessary beginning with petal fall. Leafhoppers - make 3-5 applications beginning at petal fall and continuing through the growing season. Do not apply as infestations develop. Cherry Fruit Fly - make 3 or 4 applications beginning when adult flies begin to emerge and repeat at 10 day intervals. Red Cherry Aphids - apply as a cover spray when aphids appear and repeat after 10 days. San Jose Crawlers - apply during the previous stage or when crawlers first appear. Cherry Red Mite - apply as a supplemental spray after harvest. Do not apply within 10 days of harvest (12-5 Post Harvest Only) (10/10 days before harvest).

FRUIT TREES - Blackheaded Fireworms - apply 5 lbs. per acre in 400 gallons of water. Cranberry Fruitworms - apply 7 1/2 lbs. per acre in 400 gallons of water. Do not apply within 7 days of harvest.

PLUMS - Unless specified, use the following rates of DIAZINON 40 WP. Dams Application - 8-10 lbs. per acre. Air or concentrate Application - 5-7 lbs. per acre. Vinegar Flies (Drosophila spp.), Dried Fruit Beetles - Do not apply within 5 days of harvest at the 8 lb. rate. Rates over 8 lbs. to 10 lbs., do not apply within 10 days of harvest.

PLUMS - Fibrous Leaf Rollers, Aphids - Apply 2 1/4-5 lbs. in 250-400 gals. of water per acre as a thorough cover spray. No time limitation (5).

CITRUS FRUITS - Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangerines, Citrus Green, Kumquats, and hybrids of these: Citrus Aphid, Cottony cushion Scale Crawler and Scale Crawlers - apply 8 1/4-12 lbs. per acre. Thorough cover spray when aphids and crawler stage of scale insects first appear. Fruit Tree Leaf Miner - apply 8 1/4-12 lbs. per acre when 50% of eggs in egg masses have hatched in spring. Citrus Thrips - apply 12 1/2 lbs. per acre when thrips first appear. Citrus Scale - apply 12 1/2 lbs. per acre as a post-bloom spray and again as a summer spray through coverage of the trunk, limbs, and twigs is essential. Do not apply within 21 days of harvest. Thrips and crab may be killed at application rates recommended on this label. Do not apply where these are important nuisances.

GRAPES - Pacific Spider Mite, Leafhoppers, Grape Berry Moth, Grape Leaf Miner - apply 2 1/2 lbs. per acre. Do not apply within 10 days of harvest. Vinegar Flies (Drosophila spp.) - apply 1-4 lbs. per acre. Do not apply within 7 days of harvest.

PEACHES - Olive Scale - apply 8 lbs. plus 3-5 gals. spray of oil, use as a cover spray in June or July. Do not apply during bloom. Do not apply within 75 days of harvest.

PEACHES NECTARINES - Unless specified, use the following rates of DIAZINON 40 WP: 1 1/2 lb. per 100 gallons of water. Plant Scale, Brown Apple Grate, White Cherry Aphid, Pear Leaf Miner, Pear Scale, Pear Thrips, Pear Scale - Apply 4.5 gals. spray of oil per acre at petal fall. Aphids, Brown Mite, Clover Mite, Two Spined

Spruce Mite, Olive Scale Crawlers, San Jose Scale Crawlers - apply when aphids, mites and scale crawlers first appear. Cherry Fruit Leaf Miner, Pear Leaf Miner, Pear Scale - For Oriental Fruit Moth, apply at 100% petal fall then 2 more applications at 10-15 day intervals during the growing season at night. White Peach Scale - apply 7-10 lbs. per acre at petal fall and repeat with heavy infestation. Do not apply within 20 days of harvest or post-harvest, 10 days of harvest on nectarines. (10)

PEACHES - Unless specified, use the following rates of DIAZINON 40 WP: 1 1/2 lb. per 100 gallons of water. Reddy Apple Aphid, Pear Leaf Miner, Apple Aphid, Caring Moths, Mites, Pear Psylla, Pear Leaf Miner, Pear Thrips, San Jose Scale Crawlers, Pear Scale Crawlers.

PEAR - Leaf Blister Mite, Mealybugs - San Jose Scale, Brown Apple Grate - Add 8-8 gals. (3-5 gals. concentrate) spray of oil per acre as a dormant spray. Do not apply within 14 days of harvest. (30 Post Harvest Only) (10/14 days before harvest).

PEACHES - Aphids, Mites, Pear Leaf Miner, Pear Scale - Apply 2 1/4-7 1/2 lbs. per acre. Do not apply after harvest.

PINEAPPLES - Pineapple Scale - apply 12 1/2 lbs. plus 2 gals. lime or medium horticultural oil per acre. Apply on vegetative top after harvest. Pear Thrips - apply 5 lbs. per acre. Pineapple forage and other may be fed to livestock 7 days after application.

PLUMS & PRUNES - Unless specified, use the following rates of DIAZINON 40 WP. Dams Application - 8-10 lbs. per acre. Air or concentrate Application - 5-7 lbs. per acre. Peach Ring Borer, Mealy Plum Aphid, Pear Scale, Pear Thrips, Pear Scale, Brown Mite, Clover Mite, European Pear Leaf Miner, Pear Aphid, Mealy Plum Aphid, Pear Thrips - Do not apply within 10 days of harvest.

STRAWBERRIES - Aphids, Pear-shouldered Scale - apply 1 1/2-2 1/2 lbs. per acre. Strawberry Mite (Red) spray in plant crowns. Do not apply to plants through coverage of foliage. Mole Cricket - apply 12 1/2 lbs. plus 1/2 pint of lime through coverage of foliage. Strawberry Leaf Miner - apply when thrips are present. Walnut Aphid - apply 2 1/2 lbs. per acre. Do not apply within 10 days of harvest. WALNUTS - Aphids, Mites - apply 2 1/2 lbs. per acre. Pear Leaf Miner, Scale Crawlers, Walnut Caterpillars - apply 7 1/2 lbs. per acre. Do not apply within 10 days of harvest.

VEGETABLES

Apply at first sign of insects and repeat as necessary.
BEANS (Pole Bean, Snap Bean, Lima Bean) - Two Spined Aphid, Mexican Bean Beetle, Leaf Miner - apply 1 1/2-1 1/2 lbs. per acre. Green Bean Beetle - apply 1/2-1 1/2 lbs. per acre. Lima Beans only - Green Bean Beetle, Leaf Miner - apply 1 1/2 lbs. per acre. Do not apply within 7 days of harvest. Forage and hay may be fed to beef cattle, dairy cattle and sheep 10-14 days following treatment. If forage is to be cut for hay.

BROCCOLI, CABBAGE & CAULIFLOWER - Green Diamond Mite, Imported Cabbage Worm - apply 1 1/2-1 1/2 lbs. per acre. Do not apply within 7 days of harvest on cabbage 5 days of harvest on cauliflower. Do not apply to

BRUSSELS SPROUTS - Aphids, Diamondback Moth, Imported Cabbageworm - apply 1 1/2 lbs. per acre. Do not apply within 7 days of harvest.

CARROTS - Aphids - apply 1 1/2 lbs. per acre. Do not apply within 10 days of harvest.

CELERY - Aphids, Flea Beetle - apply 1 1/2 lbs. per acre. Dipterous Leaf Miner - apply 1/2-1 1/2 lbs. per acre. Plants should be market trimmed (tops removed) before being shipped or used. Tops should not be used for food or feed. Do not apply within 10 days of harvest.

COLLARDS, KALE, SWISS CHARD & TURNIP TOPS - Aphids, Imported Cabbageworm, Diamondback Moth, Harlequin Shield Bug, Flea Beetle - apply 1 1/2 lbs. per acre. Do not apply within 12 days of harvest on swiss chard, 10 days of harvest on collards, kale and turnip tops.

CUCUMBERS - Aphids, Serpentine Leaf Miner, Thrips - apply 1 1/2 lbs. per acre. Do not apply within 7 days of harvest.

LETTUCE & ENDIVE - Aphids, Dipterous Leaf Miner - apply 1/2-1 1/2 lbs. per acre. Do not apply within 10 days of harvest on lettuce and endive.

MELONS & SQUASH (Cantaloupes, Casabas, Crenshaws, Honeydew Melons, Muskmelons, Persian Melons, and Hybrids of these, Watermelon and other hybrids (Summer and Winter Squash): Aphids, Leafhoppers, Mites - apply 1 1/2-1 1/2 lbs. per acre. Serpentine Leaf Miner, Thrips - apply 1/2-1 1/2 lbs. per acre. Do not apply within 7 days of harvest for summer squash, 3 days of harvest for melons or winter squash.

ONIONS - Onion Thrips - apply 1 1/2 lbs. per acre. Do not apply within 10 days of harvest.

PEAS - Aphids, Leaf Miners - apply 1 1/2 lbs. per acre. Peas may be picked immediately. Peas and pea vines may be fed to dairy cattle, beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

PEPPERS - Aphids, Serpentine Leaf Miner - apply 1/2 lbs. per acre. Do not apply within 5 days of harvest.

POTATOES - Aphids, Flea Beetles, Colorado Potato Beetle, Dipterous Leaf Miner - apply 1/2-1 lb. per acre. Banded Cucumber Beetle, Leafhoppers, Ground Armyworm - apply 1 1/2 lbs. per acre. Do not apply within 35 days of harvest.

RADISHES, PARSNIPS & TURNIPS - Aphids, Dipterous Miners - apply 1/2-1 1/2 lbs. per acre. Do not apply within 10 days of harvest on radishes, parsnips and turnips.

SPINACH & BEETS - Aphids, Dipterous Leaf Miner - apply 1/2-1 1/2 lbs. per acre. Do not apply within 10 days of harvest on spinach. Do not apply within 14 days of harvest on beets.

SWEET CORN - Corn Earworm - apply 2 1/2-3 1/2 lbs. per acre. Apply when silks first appear. Two or three repeated applications at 2-3 day intervals will usually be necessary. May be picked immediately following last application. Corn forage may be fed to dairy cattle, beef cattle and sheep.

TOMATOES - Aphids, Dipterous Leaf Miner - apply 1/2 lbs. per acre. Banded Cucumber Beetle, Fall Armyworm, Ground Armyworm - apply 1 1/2 lbs. per acre. Vinegar Flies - apply 1/2-1 lb. per acre. Do not apply within 1 day of harvest.

WATERCRESS (Hawaii Only) - Cucumber Mite - apply 1 1/2 lbs. per acre. Do not

BEST AVAILABLE COPY

corn - apply 1 1/4 lbs. per acre. Sap Beetles - apply 2 1/2-3 1/4 lbs. per acre. Add 1-2 gals. 20/40 mesh oil to spray mixture per acre. Consult local agricultural authorities for proper timing of sprays.

Corn may be harvested immediately following leaf application. Corn forage may be fed to dairy and beef cattle and pigs.

COTTON: Spittle Bugs, Aphids, Leafhoppers, Lygus Bug, Cotton Leafworm, Cotton Leaf Perforator - apply 1/2-1 1/2 lbs. per acre. Do not apply within 14 days of harvest. Do not graze treated cotton plants nor feed gin waste to livestock.

COWPEAS, LESPEDEZA: Curculionids (surface and subterranean) - apply 5-10 lbs. per acre. Broadcast just before planting and work into soil immediately. 2-3 inches for surface curculionids, 3-6 inches for subterranean curculionids.

MOSES: Aphid, Mites - apply 2 1/2 lbs. per acre. Do not apply within 14 days of harvest.

PEANUTS: Curculionids (surface and subterranean) - apply 5 lbs. per acre. Apply in 12 inch band over row when small larvae appear, 2 or 3 more applications at 3 week intervals may be necessary. Do not apply within 21 days of harvest. Livestock may be fed peanut hulls, may be fed peanut forage 7 days following treatment and may be fed peanut hay 21 days following treatment.

SORGHUM: Cynipid Moths - apply 1/2-1 1/4 lbs. per acre. Apply when 50% of heads have emerged from boot. Repeat within 4 days. Do not apply within 7 days of harvest for grain crop may be fed to livestock immediately following treatment.

CUCUMBERS (surface and subterranean) - apply 5-10 lbs. per acre. Broadcast just before planting, work into soil immediately. 2-3 inches for surface curculionids, 3-6 inches for subterranean curculionids.

SOYBEANS: Curculionids (surface and subterranean) - apply 5-10 lbs. per acre. Apply just before planting. Work into soil immediately. 2-3 inches for surface curculionids and 3-6 inches for subterranean curculionids.

SUGAR BEETS: Root Leafhoppers, Dytiscus Leaf Miners, Aphids - apply 1 1/4 lbs. per acre. Curculionids - apply 1 1/4 lbs. per acre. No time restriction. Tops may be fed to dairy and beef animals. Wireworms - apply 7 1/2-10 lbs. per acre. Apply broadcast just before planting and work into soil 4-6 inches immediately.

SUGAR CANE: Aphids - apply 1/2-1 1/4 lbs. per acre. Do not apply within 1 day of harvest. Filar Application - Bagasse and forage may be fed to livestock. Wireworms - apply 10 lbs. per acre. Apply in 12 inch band centered over furrow directly in seed rows at covering time.

TOMATO: Aphids, Flea Beetles - apply 1/2-1 1/4 lbs. per acre. Do not apply within 3 days of harvest. Curculionids (surface and subterranean) - apply 5-7 1/2 lbs. per acre. Broadcast before transplanting. Work immediately into soil 2-4 inches. Greenhouse Flea Beetle - apply 1/2 lb. per 100 gals. of water to cover 100 sq. yds.

Apply to a 12 inch diameter area of plant beds with sprinkling can. Mite Control - apply 2 1/2 lbs. per acre. Broadcast when mites are present. Apply to beds or plants 12-14 days before sowing seed or transplanting and work into soil 1-2 inches.

WATERMELON: Curculionids (surface and subterranean) - apply 5-10 lbs. per acre. Broadcast 3-4 weeks before transplanting and work into soil 2 inches immediately. Transplant watermelons into soil 3 1/2 inches per 50 gallons of water.

Wireworms - apply 5-7 1/2 lbs. per acre. Broadcast 3-4 weeks before transplanting and work into soil 2 inches immediately. Transplant watermelons into soil 3 1/2 inches per 50 gallons of water.

Wireworms - apply 5-7 1/2 lbs. per acre. Broadcast 3-4 weeks before transplanting and work into soil 2-4 inches immediately. Transplant watermelons into soil 3 1/2 inches per 50 gals. of water.

RANGE, PASTURE & GRASSLAND

BERMUDA GRASS and FORAGE GRASSES (other than range and pasture grasses), Thrips, White Flies, Grasshoppers - apply 1 1/4 lbs. per acre. Apply in a minimum of 5 gallons water per acre by ground or air. Sheep, cows and beef cattle may be grazed immediately following application. Milk may be taken immediately following cutting and grass may be cut for hay 7 days following treatment. Do not repeat treatment more often than once every 30 days.

RANGELAND, PASTURE, GRASS FORAGE, DAMP BANKS, BRIDGES, WASTELAND, NONCROP AREAS and BARRIER SYSTEMS - apply 1 1/4 lbs. per acre. Apply in a minimum of 5 gallons water per acre by ground or air. Sheep, beef and dairy cattle may be grazed immediately following application, may be fed green forage immediately following cutting and may be fed hay produced from green forage immediately following cutting. Do not spray for 10 days if the spray is an oil solution. Do not spray livestock directly. Do not repeat treatment more often than once every 30 days.

FLY CONTROL

RESIDUAL SPRAY - apply 2 1/2-5 lbs. in 25 gallons of water. Apply to ceiling and walls of livestock sheds, calf's barns, hog barns and other farm buildings. Spray other areas where flies congregate, such as garbage cans, animal pens, etc. Use the highest rate for longer residual control. Apply in point of nozzle. One gallon of spray will cover 350-750 sq. feet. Repeat as necessary.

SPOT BAIT SPRAY - apply 1 1/4 lbs. per 12 gallons of water plus 7 lbs. sugar. Apply with knapsack or similar type sprayer in areas where flies are most numerous. Do not spray in poultry houses, dairy barns or milk rooms. Remove animals from buildings during spraying and keep them out at least 4 hours. Do not spray animals or contaminate their feed or drinking water. Do not use on pastures.

Do not apply in poultry houses, dairy barns or milk rooms. Remove animals from buildings during spraying and keep them out at least 4 hours. Do not spray animals or contaminate their feed or drinking water. Do not use on pastures.

Do not apply in poultry houses, dairy barns or milk rooms. Remove animals from buildings during spraying and keep them out at least 4 hours. Do not spray animals or contaminate their feed or drinking water. Do not use on pastures.

Do not apply in poultry houses, dairy barns or milk rooms. Remove animals from buildings during spraying and keep them out at least 4 hours. Do not spray animals or contaminate their feed or drinking water. Do not use on pastures.

Do not apply in poultry houses, dairy barns or milk rooms. Remove animals from buildings during spraying and keep them out at least 4 hours. Do not spray animals or contaminate their feed or drinking water. Do not use on pastures.

Do not apply in poultry houses, dairy barns or milk rooms. Remove animals from buildings during spraying and keep them out at least 4 hours. Do not spray animals or contaminate their feed or drinking water. Do not use on pastures.

Do not apply in poultry houses, dairy barns or milk rooms. Remove animals from buildings during spraying and keep them out at least 4 hours. Do not spray animals or contaminate their feed or drinking water. Do not use on pastures.

NOTICE

Manufacturer and Seller warrant that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, 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 Manufacturer and Seller. In no case shall Manufacturer and Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Manufacturer and Seller make no warranties of Merchandisability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

FORMULATED FOR
PLATTE CHEMICAL CO.

150 50 MAIN STREET FREDONIA, KANSAS

24-08

12-A

BEST AVAILABLE COPY



DIAZINON 40 WP

EPA REG. NO. 34704-485

This product may be applied through irrigation systems—chemigation—for application to CRANBERRIES only. Apply this product only through solid set sprinkler irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Note: Platte Chemical Co. does not encourage connecting chemigation systems to public water supplies. The following information is provided for users who have diligently considered all other application and water supply options before electing to make such a connection.

Public water systems means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Mix in clean supply tank the recommended amount of this product for acreage to be covered, and needed quantity of water.

This product should not be tank-mixed with other pesticides, surfactants or fertilizers unless prior use has shown the combination noninjurious under your conditions of use.

Follow precautionary statements and directions for all tank-mix products.

Provide constant mechanical agitation in supply tank to keep this product suspended throughout application operations.

Use sufficient gallonage of water to obtain thorough and uniform coverage, but not cause runoff or excessive leaching. This will vary depending on equipment, pest problem and stage of crop growth. Application of more or less than optimal quantity of water may result in decreased chemical performance, crop injury or illegal pesticide residues.

Meter this product into the irrigation water uniformly during the period of operation.

Do not overlap application. Follow recommended label rates, application timing, and other directions and precautions for crop being treated.

ALL APPLICABLE RESTRICTIONS, PRECAUTIONS, AND DIRECTIONS ON THE EPA REGISTERED PRODUCT LABEL MUST BE FOLLOWED.

FORMULATED FOR
PLATTE CHEMICAL CO.

150 SO. MAIN STREET

FREMONT, NEBRASKA 68025

10/7/20
Supplemental Label, 8 1/2 x 11
(Turf + Ornamental)

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS.
SUPPLEMENTAL LABELING



DIAZINON 40 WP

EPA REG. NO. 34704-485

ALL APPLICABLE RESTRICTIONS AND PRECAUTIONS ON THE EPA REGISTERED PRODUCT LABEL MUST BE FOLLOWED.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

TURF INSECTS

Lawn Chinch Bugs - apply 2 1/2-3 1/4 oz. or 3 1/4-7 1/2 oz. per 25 gals. of water (alternatively apply in 3 gals. and water thoroughly immediately) to cover 1,000 sq. ft. Use higher rates for longer residual control in lawns of dense growth. Thoroughly wet down grass a few hours before applying.

Ants and Digger Wasps (spot spray ant hills and wasp ground nest openings), *Armyworms*, *Clover Mites*, *Collembola*, *Crickets*, *Cutworms*, *Earwigs*, *Fruit Flies*, *Lawn Billbugs*, *Sod Webworms*, *Sowbugs* - apply 5 oz. per 3 gals. of water to cover 1,000 sq. ft. Thoroughly wet down grass a few hours before applying. Apply when wasps are not active. 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.

Bermuda Mites, *Chiggers*, *Fleas*, *Leafhoppers*, *Ticks* - apply 1 1/2 oz. per 3 gals. of water per 1,000 sq. ft. Thoroughly wet down grass a few hours before applying. For brown dog ticks, spray grass and under shrubbery, particularly near house. Do not apply to animals.

Millipedes - apply 10 oz. per 3 gals. of water to cover 1,000 sq. ft.

Rhodes Grass Scale - apply 6 1/4 oz. per 25 gallons of water to cover 1,000 sq. ft. Apply when crawlers first emerge.

Boxelder Bugs - apply 1 1/2-3 1/8 oz. per gallon water. Spray outside home and thoroughly around foundation, windows, doors, tree trunks and into cracks and other places where insects hide.

Ants, *Brown Dog Ticks*, *Clover Mites*, *Crickets*, *Collembola*, *Earwigs*, *Fleas*, *Millipedes*, *Sowbugs* - apply 5 oz. per 3 gallons of water to cover 1,000 sq. ft. Spray 5 foot band of soil around house as well as house foundation wall to heights of 2-3 feet.

ORNAMENTAL INSECTS

ORNAMENTALS (Arbovitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, Willow): *Aphids*, *Bagworm*, *Carnation Bud Mites*, *Clover Mites*, *Cyclamen Mites*, *Dipterous Leaf Miners*, *European Pine Shoot Moths*, *European Red Mites*, *Flea Beetles*, *Holly Bud Moth*, *Leafhoppers*, *Obscure Root Weevil*, *Omnivorous Leaf Ticks*, *Privet Mites*, *Scale Crawlers* (*Cottony Cushion*, *Lecanium*, *Pine Needle*, *San Jose*, *Soft Scale*), *Thrips*, *Two-Spotted Mites*, *Webworms*, *White Flies* - apply 5/8 oz. per 3 gals. or 1 1/4 lbs. per 100 gals. of water.

Apple and Thorn Skelentonizers, *Cotoneaster Webworm*, *Fall Webworms*, *Hemlock Chermes*, *Oak Looper*, *Oblique-Banded Leaf Rollers*, *Pear Slugs*, *Tent Caterpillars* - apply 1 7/8 oz. per 3 gals. or 3 3/4 lbs. per 100 gals. of water. Wet leaves and branches to dripping point. Try to penetrate dense foliage and hit underside of leaves.

Mimosa Webworm - apply 5/8 oz. per 3 gals. or 1 1/4 lbs. per 100 gals. of water. Make a thorough foliar spray when adults first appear. Apply 2-3 times at 4-5 week intervals. Do not use on certain ferns, poinsettia, hibiscus, papaya, pilea, and gardenia since injury may occur.

FORMULATED FOR
PLATTE CHEMICAL CO.

150 SO. MAIN STREET

FREMONT, NEBRASKA 68025