

Diazinon

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES OR SOD FARMS

DIAZINON 40 wp

RQ

DIAZINON MIXTURE, DRY
NA 2783

ORM-A

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

BY WT.

40%

60%

INERT INGREDIENTS:

TOTAL 100%

EPA Reg. No. 7001-178-AA

EPA Est No 7001-CA-1

WARNING — PELIGRO

KEEP OUT OF REACH OF CHILDREN

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente

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 on to sprayed grass until spray has completely dried.

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, or ponds. 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.

RE-ENTRY 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 re-entry intervals for various crops treated with this product. Consult your State Department of Agriculture for further information.

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 spray has dried. Required Protective Clothing: long sleeved shirt, long legged pants, neoprene gloves, and overboots, goggles and face protection."

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.

Store bags in a cool, dry place, away from heat and open flame.

Disposal: Completely empty bag into application equipment. Then 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.

Simplot

J. R. SIMPLOT COMPANY
AGRICULTURAL CHEMICALS DIVISION
P. O. BOX 198 • LATHROP, CALIFORNIA 95133

DISCLAIMER OF WARRANTIES: Seller warrants that the chemical composition of the product conforms to the description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather, and crop conditions, as well as other materials not specifically recommended on this label or an accompanying literature, constitute a use beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material only in strict accordance with directions given hereon. Buyer further agrees in the event of damages arising from the use of this product to accept replacement of the product for a refund of the purchase price of the product at Buyer's option, at full dollar amount of seller's liability. No one is authorized to make any other warranty, guarantee or disclosure concerning this product, and no such warranties, guarantees or disclosures shall be valid or binding upon seller.

AGC 4 (7/81)

40 wp

6 x 5 Lbs. — Net Wt. 30 Lbs.

ACCEPTED

JUN 26 1987

U.S. Department of Agriculture
Agricultural Chemicals Division
Registered under
EPA Reg. No.

BEST AVAILABLE COPY

Broccoli
Brussels Sprouts
Cabbage
Cantaloupe
Cauliflower
Celery
Cillar
Cucumbers

Endive
Kale
Lettuce
Lima Beans
Muskmelons
Parsley
Peas
Peppers

Potatoes
Snap Beans
Spinach
Summer Squash
Sweet Corn
Swiss Chard
Tomatoes
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 Symphylan (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.

Mole Crickets - Apply 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

Green Maggots - Apply 1 lb 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 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
Brussels Sprouts
Cabbage
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
Cantaloupes	Lima Beans	Sweet Corn
Carrots	Muskmelons	Sweet Potatoes
Cauliflower	Onions	Swiss Chard
Celery	Parsley	Tomatoes
Collards	Peas	Watermelons
Cucumbers	Peppers	Winter Squash

Apply 7-10 lbs per acre. Potatoes - Apply 7-15 lbs per acre.

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

FORAGE & FEED INSECTS

ALFALFA CLOVER: Spotted Alfalfa Aphid, Yellow Clover Aphid, Pea Aphid, Leafhoppers, Plant Bug, Stink Bug, Mites. Apply 1-2 lbs per acre. Grasshoppers - Apply 1 lb 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 may be fed green alfalfa immediately following applications. May be fed green alfalfa immediately following applications. Do not cut for hay for 7 days following treatment. Do not spray livestock directly. Do not treat during bloom.

Apple Worms - Apply 1 lb per acre. Apply in spring when feed damage to growing tips is observed. Do not spray if damage is already extensive. Cut hay and apply to stubble. Do not spray during or before the first frost for 2 days. Do not cut for hay for 10 days after treatment. Do not spray livestock directly. Do not treat during bloom.

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 when larvae first appear and work into soil 1-2 inches immediately. Do not apply later than layoff. For subterranean cutworms, apply just before planting and work into soil 3-6 inches immediately.

(FORAGE & FEED INSECTS CONTINUED)

Wireworms - Apply 7-10 lbs per acre. Apply before planting and work into soil. **Corn Root Worms (adults)** - Apply 7-10 lbs per acre. **Corn Leaf Aphid** - Apply 1-2 lbs per acre. Completely cover the upper portions of plants. **Grasshoppers** - Apply 1 lb per acre. **Sap Beetles** - Apply 2-3 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 Leafworms, Cotton Leaf Perforators - Apply 1/2 to 2 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.

COYBEANS, LESPEDEZA: Cutworms (surface and subterranean) - Apply 5-10 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 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 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: Sorghum Midge - Apply 1-2 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 1/2 lbs per acre. Grasshoppers - Apply 1 lb per acre. No time limitation. Tops may be fed to dairy and beef animals. **Wireworms** - Apply 7-10 lbs per acre. Apply broadcast just before planting and work into soil 4-8 inches immediately.

SUGAR CANE: Aphids - Apply 1-1 1/2 lbs per acre. Do not apply within 1 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 1-15/16 lbs per acre. Do not apply within 3 days of harvest. **Cutworms** (surface and subterranean) - Apply 5-7 1/2 lbs per acre. Broadcast before transplanting. Work immediately into soil 2-4 inches. **Green June Beetles Larvae** - Apply 1/2 lbs per 100 gals of water to cover 100 sq yds. Apply as a drench to uprooted areas of plant beds with sprinkling can. **Mole Cricket** - Apply 2 1/2 lbs per acre. Broadcast when insects are present. Apply to beds or fields 1-2 days before sowing seed or transplanting and work into soil 1-2 inches immediately. **Seed Corn Maggots** - Apply 3 1/2 lbs per acre. Broadcast 3-4 weeks before transplanting and work into soil 2 inches immediately. Transplant water application use 1 7/8-3 1/2 oz per 50 gallons of water.

WIREWORMS: Apply 5-7 1/2 lbs per acre. Broadcast 3-4 weeks before transplanting and work into soil 6-9 inches immediately. Transplant water application use 1 7/8-3 1/2 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 lb 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 AREA and BARRIER STRIPS: Grasshoppers - Apply 1-1 1/2 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 Residual spray - Apply 2-5 lbs in 25 gallons of water. Apply to ceiling and walls of livestock sheds, calf barns, hog barns and other farm buildings. Spray other areas where flies con-

DIAZINON 40 WP

Simplot

J. R. SIMPLOT COMPANY
MINERALS & CHEMICAL DIVISION
P.O. Box 198 • Lathrop, CA 95330

BY WT. 100%

ACCEPTED
TOTAL 100%

JUN 26 1987

Local Insecticide
of California
by the pesticide
law
EPA Reg. No.

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

INERT INGREDIENTS:

EPA Reg No 7001-178-AA
EPA Est No 7001-CA-1

KEEP OUT OF REACH OF CHILDREN WARNING

AVISO

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

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.

RE-ENTRY STATEMENT

Do not allow this product in a 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 dust has settled. Certain states may require more restrictive re-entry intervals for various crops treated with this product. Consult your State Department of Agriculture for further information.

A 5-day re-entry interval has been established for Diazinon on citrus, grapes, peaches and nectarines in California. Five days of liquid lapse between the time of application and the time a worker may enter 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 dusts have settled. 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: Triple rinse containers (or equivalent). Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GENERAL INFORMATION

Best results are 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, thorough mixing is necessary during application.

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

DIRECTION FOR DILUTION

Always use the following recommendations for concentrate and dilute use on fruit and nut crops. Do not exceed 100 gallons per acre where not specified.

DILUTE APPLICATION (Ground Application): Apply specified rate in 20 to 60 gallons of water per acre. For aerial application, apply specified rate in 100 to 800 gallons of water per acre, where rates are given in lbs per acre basis.

CONCENTRATE APPLICATION (Ground Application): Apply specified rate in not less than 5 gallons of water per acre. Dilute 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 be applied in less than 5 gallons of water per acre.

FRUIT & NUT CROPS

ALMONDS: Unless specified, use the following rates of Diazinon 40 WP: 1 1/2 to 2 lbs per 100 gallons of water. Mites, Peach Twig Borer - apply at first signs of insects and repeat as necessary. Parlatoria Scale, San Jose Scale - Dormant Spray - add 6-8 gals (3-6 gals concentrate) Spray Oil per acre. No time limitation (15).

APPLES: Unless specified, use the following rates of Diazinon 40 WP: 1 1/2 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 1/2 lbs per 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 time to insect infestations. Apple Maggots - apply 3 cover sprays when they 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 1/2 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. Aphid, 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 2/3 lbs 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 & RASBERRIES: 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 gals 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 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 (3-6 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 Aphids - 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 49 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 lb rate, rates over 6 lbs to 10 lbs, do not apply within 10 days of harvest.

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

CITRUS FRUITS: Grapefruit, Lemons, Limes, Oranges, Tangelos, Tangerines, Citrus Citron, Kumquats and hybrids of these: Citrus Aphid, Cottony Cushion Scale Crawler and Scale Crawlers - Apply 6 - 12 lbs per acre. Thorough cover spray when aphid and crawlers stage of scale insects first appear. Fruit-tree Leaf Roller - Apply 6 - 12 lbs per acre when 50% of eggs in egg masses have hatched in spring. Citrus Thrips - Apply 12 lbs per acre when thrips first appear. Citrus Snow Scales - Apply 12 lbs per acre as a post-bloom spray and another as summer spray, thorough coverage of tree trunk, limbs and twigs is essential. Do not apply within 7 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 Slope Mites, Leafhoppers, Brown Mites, Grape Leaf Miner, Grape Leaf Folder - Apply 2 lbs per acre. Do not apply within 10 days of harvest. Grape Flea Beetle (Drosophila spp) - Apply 1-4 lbs per acre. Do not apply within 7 days of harvest.

OLIVES: Olive Scale - Apply 8 lbs plus 4-5 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 1/2 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, Parlatoria 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, Leafhoppers - 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 crawlers and immature scale activity. Two applications may be necessary for heavy infestation. Do not apply within 20 days of harvest on peaches or 10 days of harvest on nectarines (10).

PEARS: Unless specified, use the following rates of Diazinon 40 WP: 1 1/2 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 (3-6 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 led 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, Parlatoria 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 Mite - Apply 1 1/2 lbs per acre. Cyclamen Mites (direct spray to plant crowns. Agitate 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 Roller (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 Moths, 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 1/2-1 7/8 lbs per acre. Cucumber Beetles - Apply 5 1/2-1 3/4 lbs per acre. Lima beans only. Diferous Leaf Miners, Leafhoppers, Mites - Apply 1 1/2 lbs per acre. Do not apply within 7 days of harvest. Forage and hay may be led 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 5-8 1/2 lbs per acre. Do not apply within 7 days of harvest (on cabbage, 5 days of harvest on broccoli and cauliflower).

BRUSSEL SPROUTS: Aphids, Diamondback Moth, Imported Cabbageworm - Apply 1 1/2 lbs per acre. Do not apply with 7 days of harvest.

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

CELERY: Aphid Flea Beetles - Apply 1 1/2 lbs per acre. Diferous Leaf Miner - Apply 5-8-1 1/4 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 Stink Bugs - apply 5/8-1 1/2 lbs per acre. Do not apply with 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 1/2 lbs per acre. Do not apply within 7 days of harvest.

LETTUCE & ENDIVE: Aphids, Diferous Leaf Miners - Apply 5-8-1 1/4 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, Watermelons and their hybrids (Summer and Winter Squash)) Aphids, Leafhoppers, Mites - Apply 1 1/2-1 7/8 lbs per acre. Serpentine Leaf Miners, Thrips - Apply 5/8-1 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 1/2 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. Peavines and peavine hay may be led 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 5-8 lbs per acre. Do not apply within 5 days of harvest.

POTATOES: Aphids, Flea Beetles, Colorado Potato Beetles, Diferous Leaf Miners - Apply 5-8-1 1/4 per acre. Banded Cucumber Beetle, Green Leafhoppers, San Jose Scale - Apply 1 1/2 lbs per acre. Do not apply within 75 days of harvest.

RADISHES, PARSNIPS & TURNIPS: Aphids, Diferous Leaf Miners - Apply 5-8-1 1/4 lbs per acre. Do not apply within 10 days of harvest on radishes, parsnips and turnips.

SPINACH & BEETS: Aphids, Diferous Leaf Miners - Apply 5-8-1 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 1/2-3 1/8 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 led to dairy cattle, beef cattle and sheep.

TOMATOES: Aphids, Diferous Leaf Miners - Apply 5-8 lbs per acre. Banded Cucumber Beetle, Fall Armyworms, Southern Armyworms - Apply 1-1 1/4 lbs per acre. Vinegar Flies - Apply 5/8-1 1/4 lb per acre. Do not apply within 1 day of harvest.

WATERCRESS (Hawaii Only): Cyclamen Mites - Apply 1 1/2 lbs per acre. Do not apply within 5 days of harvest.