

70-249

PM-15

12/31/81

1076

This product must not be used on golf courses and sod farms.

R I G O

DIAZINON(R) AG 500

Insecticide

For Control Of Certain Insects On Fruits, Nuts, Vegetables
And Ornamentals

For Agricultural Use Only

A {	ACTIVE INGREDIENTS:	
	Diazinon: 0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothiate.....	48%
	Xylene range aromatic solvent.....	37%
	INERT INGREDIENTS:.....	<u>15%</u>
	TOTAL	100%

Diazinon AG500 contains 4 lbs. Diazinon per gallon.

EPA Reg. No. 70-249
EPA Est. No. 70-KY-1

NET CONTENTS
 GALLONS

KEEP OUT OF REACH OF CHILDREN (10 pt.)

WARNING/AVISO (14 pt.)

Precaucion Al Usuario: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

See additional precautionary statements on side panel.

Manufactured by:

RIGO COMPANY
A Division of Wilbur-Ellis Company
Buckner, Kentucky 40010

... in accordance with
Guidance for Phase 2
to least Change in Status.

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Avoid contamination of food. Do not use on humans or permit children to go onto sprayed grass until spray has completely dried.

Keep out of reach of domestic animals. Do not contaminate feed or use on household pets or livestock. Do not permit pets to go onto sprayed grass until spray has completely dried. 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.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician or Poison Control Center immediately. **DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE.** Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled, remove victim to fresh air and apply artificial respiration if indicated. If on skin, wash promptly with soap and water. Rinse thoroughly. If in eyes, rinse eyes for at least 15 minutes with water and call a physician immediately.

Note to Physician: Gastric lavage is indicated. Atropine sulfate and 2-PAM are specific antidotes.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries (except for effluence from treated watercress beds). Do not apply to water that will be used for recreational purposes and human and livestock consumption. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. This product must not be used in areas where impact on threatened endangered species is likely. Contact your State Fish and Game Agency for information pertaining to areas having threatened endangered species. Apply this product only as specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or the residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not store next to herbicides. Store product away from heat or open flame. If container is damaged, stop any leaks by repositioning container or by repairing the leaks. Avoid contact with pesticide, wear protective clothing. Cover spilled areas with generous amounts of absorbent material. Dispose of wastes as specified below.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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

REGISTRATION STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

GENERAL INFORMATION

Daaznon AG500 is an emulsifiable solution which, when diluted with water according to directions, is intended for the control of insect pests of agricultural crops. Do not use in tanks or mixtures. Do not use on livestock.

In the directions for use which follow, best control is obtained when application is made at the first sign of insects. Application should be repeated as necessary to maintain control. Note: The California Department of Agriculture has set a 5-day reentry for Daaznon on citrus, grapes, peaches, and nutcrackers. Five days should elapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with treated foliage.

DIRECTIONS FOR USE

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

FRUIT AND NUT CROPS

Note: Unless otherwise stated, the following rates should be applied as a dilute full cover spray.

Almonds: Aphis, Tung Borer: Apply 1-1 1/2 pts. per 100 gals. of water. Partisan Scale, San Jose Scale: Mix 1-1 1/2 pts. Daaznon AG500 plus 2-3 gals. dormant oil per 100 gals. of water and apply as a dormant spray. Almond nuts may be used for food for livestock.

Apples: Aphids, Brown Meas (Clover Meas), Two-spotted Spider Meas, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, meas, and scale crawlers first appear. Olive Scale Crawlers: Mix 1/2 pt. of Daaznon AG500 plus 1 1/2 gals. of light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present. Apple: Aphis: Mix 1 pt. per 100 gals. of water. Apply as a cover spray from petal fall to June. Do not apply within 10 days of harvest.

Blueberries: Cranberry Fruitworms, Cherry Fruitworms, Blueberry Maggots, Aphids, Thrips, Two-spotted Meas: Mix 1 pt. per 100 gals. of water. Apply up to 200 gals. of spray per acre. Do not apply within 7 days of harvest.

Cherries: Blackberry Fruitworms: Apply at the above rates when blossom buds separate and repeat application immediately before blossoms open. Dried Cherry Meas: Apply 1-2 pts. per acre in a minimum of 100 gals. of water. Apply as a dormant spray in early spring, when canes are still on the ground and buds are closed. Make a second application when the buds are well developed, but still closed. Do not apply within 7 days of harvest.

Raspberry Crown Borer (Raspberry Root Borer): Apply 2 pts. per acre in a minimum of 100 gals. of water as a drench to the crown area and to the lower canes. Apply either in the spring before canes begin to form, or in the fall after harvest.

Cherries: Eyespot Bud Moths, Fruitree Leafrollers: Mix 1 pt. per 100 gals. of water. Apply in cover sprays as necessary beginning with petal fall. Cherry Fruit Flies: Mix 1/2 pt. per 100 gals. of water. Make 3 or 4 applications, beginning when adult cherry fruit flies begin to emerge and repeat at 10-day intervals.

Leafhoppers: Apply 1 pt. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop. Black Cherry Aphids: Mix 1 pt. per 100 gals. of water. Apply as a cover spray when aphids appear and repeat after 10 days. San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply during the pre-pink stage or when crawlers first appear. Do not apply within 10 days of harvest. Cherry Rust Meas: Mix 1/2 pt. per 100 gals. of water. Apply as a supplemental spray after harvest.

Citrus Fruits: Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangerines, Citrus Citron, Kumquats and hybrids of these: Citrus Aphids, Fruitree Leafrollers, Cottony-cushion Scale Crawlers, Soft Scale Crawlers: Apply 1/2 pt. per 100 gals. of water (maximum 1000 gals. per acre) as a thorough cover spray when aphids and crawler stages of scale insects first appear. Fruitree Leafrollers: Use 1/2 pt. per 100 gals. of spray (maximum 1000 gals. per acre) when an average of 50 percent of eggs in egg masses have hatched in the spring.

Citrus Thrips: Apply 1 pt. in 100 gals. of water (maximum 1000 gals. per acre) when thrips first appear. Citrus Snow Scales: Apply 1-2 pts. per 100 gals. of water (maximum 1000 gals. per acre) as a post-bloom spray and again as a summer spray. For heavy snow scale infestations, use a higher dilution rate. Thorough coverage of tree trunk limbs and hedges is essential. Do not apply during bloom. Do not apply to citrus 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. Cranberries: Black-headed Fireworms (Rhopobora melanura): Apply 2 qts. in 400 gals. of water per acre. Cranberry Fruitworms: Apply 3 qts. in 400 gals. of water per acre. Do not apply within 7 days of harvest.

Pigs: Vinegar Flies (Drosophila spp.): Dried Fruit Beetles: Apply 1 pt. per 100 gals. of water. Do not apply within 5 days of harvest. Filberts: Filbert Leafrollers, Aphids: Apply 1-2 qts. in 250-400 gals. of water per acre as a thorough cover spray. Grapes: Pacific Spider Meas, Leafhoppers, Grape Berry Meas, Grape Leafrollers: Apply 1-2 pts. per acre in a minimum of 100 gals. of water as a thorough cover spray. Do not apply within 18 days of harvest. Drosophila spp.: Apply 12-18 fl. oz. of oil per acre in a minimum of 100 gals. of water as a thorough cover spray or apply when insects first appear. Make additional applications at weekly intervals as necessary. Do not apply within 7 days of harvest.

Olive: Olive Scales: Mix 1/2 pt. of Daaznon AG500 plus 1 gal. of light medium summer horticultural oil per 100 gals. of water. Apply as a cover spray in June or July. Do not apply during bloom to avoid injury to pollinating insects or within 75 days of harvest. Peaches, Nectarines: Aphis Brown Meas (Clover Meas), Two-spotted Spider Meas, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, meas, and scale crawlers first appear. Olive Scale Crawlers: Mix 1/2 pt. of Daaznon AG500 plus 1 gal. of light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present. Oriental Fruit Moths: Mix 1 pt. per 100 gals. of water and apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult oriental fruit moth flight, if possible. Peach Tung Borer: Mix 1 pt. per 100 gals. of water and apply to peaches in May and June. Leafhoppers (Peaches only): Apply 1 pt. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop. White Peach Scale (Peaches only): As a post-harvest spray apply 1-2 pts. per 100 gals. of water mixed to coincide with peach crawler and immature scale activity. Under conditions of heavy infestation, two applications may be necessary. Do not apply to peaches within 20 days or to nectarines within 10 days of harvest.

Pears: Aphids, Meas, PEARL Pear Cankerworms, Walnut Caterpillars: Apply 1-3 qts. per acre as a foliage spray in a minimum of 100 gals. of water. Do not apply after buds crack. Pineapples: Scales: Apply 5 qts. of Daaznon AG500 plus 2 gals. of light or medium horticultural oil in 500 gals. of water per acre to the vegetative tips on the plants following harvest of pineapple.

Plum: Mosquito: Apply 2 qts. per acre in a minimum of 100 gals. of water. May be applied on day of harvest. Pineapple: Foreign and refuse may be fed to livestock 7 days following last application. Plums, Prunes: Brown Meas (Clover Meas), European Red Meas: Apply 1 pt. per 100 gals. of water. Leafcurl Plum (cherry), Plum Meas, Plum Aphids, Thrips: Apply 1 pt. per 100 gals. of water. Do not apply within 10 days of harvest.

Strawberries: Aphids, Two-spotted Spider Meas: Apply 1 pt. per 100 gals. of water per acre. Cyclamen Meas: Apply 1 pt. per 100 gals. of water per acre directing spray to plant crown. Plants should be sufficiently irrigated to assure thorough coverage of the foliage. Make additional applications if necessary after harvest. Lady Crickets: Broadcast 1 qt. per acre when insects are present. Apply 1-2 days before transplanting and immediately mix into the top 1-2 inches of soil. Strawberry Leafhoppers: Mix 1/2 pt. per 100 gals. of water. Apply 100 gals. of spray per acre when blossoms show color. Do not apply within 5 days of harvest.

Walnuts: Aphids, Meas: Apply 1 pt. per acre as a foliage spray in a minimum of 100 gals. of water. Cawling Meas, Scale Crawlers, Walnut Caterpillars: Apply 3 qts. per acre as a foliage spray in a minimum of 100 gals. of water. Do not apply after the buds open.

VEGETABLE FOLIAR INSECTS

Unless otherwise stated, foliar applications of Daaznon AG500 should always be applied to vegetable crops as a spray in a minimum of 2 gals. of water per acre for aerial applications and a minimum of 10 gals. of water per acre for ground applications.

Beans: Pole Beans, Snap Beans, Lima Beans: Black Bean Aphids, Mexican Bean Beetles, Leafminers: Apply 1-1 1/2 pts. per acre. Cucumber Beetles: Apply 1/2 pt. in 100 gals. of water per acre. Do not apply within 7 days of bean harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

Lima Beans: Dopterous Leafminers, Leafhoppers, Meas: Apply 1 pt. per acre. Do not apply within 7 days of harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay. Broccoli, Cabbage, Cauliflower: Aphids, Diamondback Moths, Imported Cabbageworms: Apply 1/2-1 pt. per acre. Applications at 7-10 day intervals will usually be required. Do not apply to broccoli or cauliflower within 5 days, or to cabbage within 7 days, of harvest.

Brussels Sprouts: Aphids, Diamondback Moths, Imported Cabbageworms: Apply 1 pt. per acre. Generally, applications at 7-10 day intervals will be required. Do not apply to brussels sprouts within 7 days of harvest. Carrots: Aphids: Apply 1 pt. per acre. Do not apply within 10 days of harvest. Celery: Aphids, Flea Beetles: Apply 1 pt. in 100 gals. of water per acre. Do not apply within 10 days of harvest. Plants should be market trimmed (tops removed) before being shipped or used. Tops should not be used for food or feed.

Celery, Kale, Swiss Chard, Turnip Tops: Aphids, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs: Apply 1/2-1 pt. per acre. Do not apply to celery, kale, or turnip tops within 10 days, or to Swiss chard within 12 days, of harvest. Cucumbers: Aphids, Serpentine Leafminers, Thrips: Apply 1 pt. per acre. Do not apply within 7 days of harvest.

Lettuce, Endive: Aphids, Dopterous Leafminers: Apply 1/2-1 pt. per acre. Do not apply within 10 days of harvest. Melons, Squash: Cantaloupes, Cereolas, Cranberries, Honeydew Melons, Muskmelons, Persian Melons, and hybrids of these: Watermelons and their hybrids: Summer and Winter Squash: Aphids, Leafhoppers, Meas: Apply 1-1 1/2 pts. per acre. Serpentine Leafminers, Thrips: Apply 1/2-1 pt. per acre. Do not apply to melons and winter squash within 3 days, or to summer squash within 7 days, of harvest.

Mushroom Houses: Mushroom Flies (Phoridae and Sciomyzidae) like 1/2 gal. in 50 gals. of water (0.5% to 1.0% actual Daaznon) and spray on outside and inside walls and ventilators of mushroom houses, after compost in beds has been pasteurized by heating. Do not spray compost in beds or after spawning. To treat wooden sides of beds, posts, floors, and door frames after pasteurizing, mix 1/2 pt. in 8 gals. of water and apply with a brush. Do not treat compost.

Onions: Onion Thrips: Apply 1 pt. per acre. Do not apply within 10 days of harvest. Peas: Aphids, Leafminers: Apply 1/2 pt. per acre. Peas may be picked immediately. Pea vines and pea hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay. Peppers: Aphids, Serpentine Leafminers: Apply 1/2 pt. per acre. Do not apply within 5 days of harvest. Potatoes: Aphids, Flea Beetles, Colorado Potato Beetles, Dopterous Leafminers: Apply at the rate of 1/2-1 pt. per acre. Banded Cucumber Beetles, Leafhoppers, Southern Armyworms: Apply 1/2-1 pt. per acre. Do not apply within 35 days of harvest.

Radishes, Parsnips, Turnips: Aphids, Flea Beetles, Dopterous Leafminers: Apply 1/2-1 pt. per acre. Do not apply within 10 days of harvest. Spinach, Beets: Aphids, Dopterous Leafminers: Apply 1/2-1 pt. per acre. Do not apply to spinach within 10 days, or to beets within 14 days of harvest. Squash (Summer and Winter): See Melons and Squash section. Sweet Corn: Corn Earworms: Apply 1-1 1/2 qts. per acre when silks first appear. Two or three repeat applications at 2-3 day intervals will usually be necessary. Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep. Refer also to Corn under Field and Forage - other insects and Field and Forage Soil Insects.

Yamabees: Aphids, Dopterous Leafminers: Apply 1/2 pt. per acre. To control leafminers, weekly applications are usually required. Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms: Apply 1/2-1 pt. per acre. Vinegar Flies (Drosophila spp.): Apply 1 pt. per acre. Whole liquid strains are usually required. Do not apply within 1 day of harvest. Watermelon (Melons only): Cyclamen Meas: Mix 1 pt. per 100 gals. of water and apply to one acre as a thorough cover spray. Sprays should be directed into the crown and growing tips of plants. If infestation is heavy, make a second application no later than 10 days after the first application. Repeat applications as necessary. Do not apply within 5 days of harvest.

VEGETABLE SOIL INSECTS

Unless otherwise stated, soil applications of Dazimon AG500 should always be applied in vegetable crops in a minimum of 5 gals. of water per acre for ground applications

Table with 3 columns: Crop, Insect, and Application Rate. Includes Cucumber, Endive, Kale, Lettuce, Lima Beans, and Muskmelons.

2-4 qts. per acre just prior to planting. Work into the soil immediately. 2-3 inches for surface insects for subterranean cutworms

Table with 3 columns: Crop, Insect, and Application Rate. Includes Lettuce, Peas, and Pole Beans.

1-10 qts. per acre just prior to planting. Immediately work into soil 4-8 inches. This also controls other soil insects: cutworms (surface and subterranean), mole crickets, root weevils

Table with 3 columns: Crop, Insect, and Application Rate. Includes Collards, Endive, Kale, Lettuce, Mustard, Peppers, Radishes, and Turnips.

1 qt. of per acre when insects are present. Make application to plant beds or field 1-2 days of seed or transplanting and immediately work into soil 1-2 inches.

When Apply 1 qt. per acre in sufficient water to trench the seed furrow at planting time. Application: Broadcast 2-4 qts. per acre just prior to planting. Immediately work into soil 3-4 inches

See Sprouts, Cabbage, Cauliflower. Broadcast Application: Broadcast 2-3 qts. per acre and work into the soil 3-4 inches, before seeding, either in the seedbed or in the field, or before trenching application. Mix 1/2 qt. in 50 gals. of transplant water when 200-300 gals. of water per acre. May be applied at the rate of 1/2-1 cupful per plant, either by hand or by tractor.

Water trench application. Mix 1/2 qt. in 50 gals. of transplant water when 200-300 gals. of water per acre. May be applied at the rate of 1/2-1 cupful per plant, either by hand or by tractor.

1-4 qts. per acre prior to planting, and immediately work into soil 4-8 inches. Broadcast 3-6 qts. per acre prior to planting. Immediately disk or harrow into soil 4-8 inches. to wireworms (Southeastern U.S.)

For southern potato wireworms in potatoes grown on mineral soils in the Southeast, apply 1 qt. as a soil treatment prior to planting, and immediately work thoroughly by disk, or other into the top 3-6 inches of soil, depending on location of wireworms.

FIELD AND FORAGE FOLIAR INSECTS

Unless otherwise stated, foliar applications of Dazimon AG500 should always be applied to field and forage crops in a minimum of 2 gals. of water per acre for aerial applications and a minimum of 10 gals. of water for ground applications

Aphids: Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bug Nymphs, Meas. Apply 1/2 pt. per acre. Apply 1 qt. per acre. The above applications, dairy and beef cattle and sheep (1) may be grazed immediately after application. (2) may be fed green alfalfa or clover immediately following cutting, and (3) may be fed alfalfa or clover is not cut for hay for 7 days following treatment.

Crickets: Broadcast 1-2 pts. per acre following seeding in the fall but prior to clover. 1 qt. of water for aerial applications and 5 gals. of water for ground applications. worm adults Apply 1/2 pt. per acre.

1 qt. of water for aerial applications and 5 gals. of water for ground applications. worm adults Apply 1/2 pt. per acre. Aphids: Apply 1-2 pts. per acre. Complete coverage of the upper portions of the plants is essential as necessary.

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FIELD AND FORAGE SOIL INSECTS

Unless otherwise stated, soil applications of Dazimon AG500 should always be applied to field and forage crops in a minimum of 5 gals. of water per acre for ground applications

Cutworms (Surface and Subterranean): Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately. 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms

Table with 3 columns: Row Spacing, Linear Feet of Corn Row/Acre, and Postemergence Insect Treatment (Fl oz). Includes row spacings from 48" to 15".

Note: For row spacings not listed, calculate the appropriate dosage based on the 40-inch row figure. Seedcorn Maggots: Broadcast 2-4 qts. per acre just prior to planting. Work immediately into soil 2 inches

Cutworms (Surface and Subterranean): Broadcast 2-4 qts. per acre in furrows. Cutworms apply just prior to planting or when larvae first appear, and immediately work into soil 1-2 inches. Do not apply later than 1 day.

For subterranean cutworms apply just prior to planting and immediately work into soil 3-6 inches. Wireworms: Apply 3-4 qts. per acre prior to planting and immediately work into the soil 4-8 inches. Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep.

Corn: Broadcast 2-4 qts. per acre, just prior to planting. Work into the soil immediately. 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Leopards: Cutworms (Surface and Subterranean): Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately. 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Peanuts: Cutworms: Apply 2 qts. per acre in a 12-inch band over the row. Thorough coverage of the foliage is essential. Begin application when small larvae appear. Two or three additional applications at three-week intervals may be necessary. Do not apply within 21 days of peanut harvest.

Livestock: (1) may be fed peanut hulls, (2) may be fed peanut forage 7 days following treatment, and (3) may be fed peanut hay 21 days following treatment.

Sorghum: Cutworms (Surface and Subterranean): Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately. 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Soybeans: Cutworms (Surface and Subterranean): Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately. 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Sugar Beets: Wireworms: Broadcast 3-4 qts. per acre just prior to planting, and immediately work into soil 4-8 inches. Tops may be fed to beef and dairy animals.

Supercane: Wireworms: Apply 1 gal. per acre in a 12-inch band centered over the furrow. Make application directly to seed pieces in open furrow at covering time.

Tobacco: Cutworms: Broadcast 2-3 qts. per acre before transplanting and immediately work into the soil 2-4 inches. Green June Beetle Larvae: Mix 1/2 pt. in 50 gals. of water and apply as a drench (100 gals. per 100 sq yds.) to uprooted areas of plant beds with sprinkling.

Mole Crickets: Broadcast 1 qt. per acre, when insects are present. Make application to beds or fields 1-2 days prior to sowing of seed or transplanting, and immediately work into soil 1-2 inches. Seedcorn Maggots: Broadcast 3 qts. per acre, 3-4 weeks before transplanting. Immediately work into soil 2 inches.

Wireworms: Broadcast 2-3 qts. per acre, 3-4 weeks before transplanting. Immediately work into soil 6-9 inches.

RANGE, PASTURE, AND GRASSLAND INSECTS

Unless otherwise stated, Dazimon AG500 should always be applied as a spray in a minimum of 1 gal. of water per acre for aerial applications and a minimum of 5 gals. of water per acre for ground applications

Bermudagrass and Forage Grasses (other than Range and Pasture Grasses): Thrips, Whiteflies, Grasshoppers: Apply 1 pt. per acre. Dairy and beef cattle and sheep (1) may be grazed immediately following application. (2) may be fed green forage immediately following cutting. Forage grasses may be cut for hay 7 days following treatment.

Do not repeat application for 30 days. Rangeland, Pasture, Orchard Grass, Redtop, Woodland, Honeysuckle, Barley, Sorghum, Grasshoppers: Apply 1/2 pt. per acre in water or oil (minimum of 1 gal. of oil per acre) when insects first appear. Thorough coverage of the foliage is essential.

Dairy and beef cattle and sheep (1) may be grazed immediately following application. (2) may be fed green forage immediately following cutting, and (3) may be fed hay provided 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 with either air or ground equipment. Do not repeat application for 30 days.

ORNAMENTAL INSECT CONTROL

To control certain insects on Arborvitae, Azalea, Birch, Boxwood, Camelia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply at recommended rates indicated below.

Table with 3 columns: Insects, Rate per 3 gals. water, and Rate per 100 gals. water. Includes Aphids, Bagworms, Carnation Bud Mites, etc.

Apple and Thorn Sawfly: Apply 1/2 pt. per acre in 100 gals. of water. Fall web worms, Hemlock Looper, Oak Looper, etc. Apply 1/2 pt. per acre in 100 gals. of water.

Do not use on Ficus, Poinsettia, Hibiscus, Papaya, Pine, and Citrus since injury to the plants may occur. Mistle Webworms: Mix 1/2 qt. in 3 gals. of water (or 1 qt. in 7 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

1 qt. of water for aerial applications and 5 gals. of water for ground applications. worm adults Apply 1/2 pt. per acre. Aphids: Apply 1-2 pts. per acre. Complete coverage of the upper portions of the plants is essential as necessary.

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LAWN INSECT CONTROL

To control insects listed below, apply recommended rates. For control of Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sawbugs, and Springtails (Collembola), which are commonly found near the house and may enter the house, spray a 3-ft band of soil around the house, as well as the house foundation wall to a height of 2-3 ft. Repeat application if necessary.

Rate/1,000 sq. ft.

Insects	Diazinon AQS50	Water	Remarks
Lawn Cricket Bugs	2-3 fl. oz. or 3-6 fl. oz.	25 gals.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Army, -orms, Clover Mites, Springtails (Col- lembola), Crickets, Cut- worms, Digger Worms, Earwigs, Flea Fleas, Lawn Billbugs, Sod Webworms (Lawn Midges), Sawbugs	4 fl. oz.	3 gals.	Spot spray and hills and wash ground near openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment.
Brown Dog Ticks, Brown Dog Fleas, Chiggers, Fleas, Lice/Choppers	1-2 fl. oz.	3 gals.	Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near the house.
Millipedes	8 fl. oz.	3 gals.	
Rhodesgrass Scale	5 fl. oz.	25 gals.	Apply when crawlers first emerge.

*Or make application in 3 gals. of water per 1,000 sq. ft. and thoroughly water immediately following application.

Beetle Larvae: Spray bugs outside the home with 1 1/2-2 1/2 fl. oz. (2 1/2-5 tablespoons) in 1 gal. water. At the same time, thoroughly spray around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

Billbugs, White Grubs (such as Japanese Beetle Larvae, European Chafers, Southern Chafers): Apply 4 fl. oz. per 1,000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chafers or brown grubs are present, indicating damage from the insect.

Hyperodes Weevil (New York Weevil): Apply 3 fl. oz. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April or 1 in mid-May.

PM TS

To aid in the control of fire ants in lawns and other recreation areas, apply 1/2 fl. oz. (1 tbsp.) in a minimum of 1 gal. of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted product as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness. NOTE: For best results, apply in cool weather, 65-80° F., or in early morning or late evening hours. Treat new mounds as they appear.

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

Diazinon® trademark of CIBA-GEIGY

Manufactured by:
RIGO COMPANY
BUCKNER, KENTUCKY 40010

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ATTACHMENT I

A. ACTIVE INGREDIENTS:

Diazinon: 0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothiate	48%
Inert ingredients*	52%
Total	<u>100%</u>

Diazinon AG500 contains 4 lbs. Diazinon per gallon.
 * Contains Xylene range aromatic solvent

B. (pg. 1) Rigo Company
 A Division of Wilbur-Ellis Company
 Buckner, Kentucky 40010