

226-240 PM15

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$$\frac{300}{17} \frac{122478}{4}$$

DRP

Mr. Michael Meredith
Tobacco States Chemical Co., Inc.
P.O. Box 12530
Lexington, KY 40583

6 JUN 1984
(5/31/84)

Dear Mr. Meredith:

Subject: Amendments - Alternate Source, Updated and
Revised Labeling
Tasco Brand Diazinon AG500
EPA Registration No. 226-240
Your Application Dated April 19, 1984

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Please note that according to our calculations (based on your figures) the Diazinon content is 47.81%.
2. Add the name DIAZINON in front of the formula name, which should be enclosed in brackets.
3. We suggest the following revised text for the Statement of Practical Treatment; however, if your toxicological data suggest otherwise, please submit a draft Statement of Practical Treatment for prior approval:

If Swallowed - Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

If inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.

If on skin - Remove contaminated clothing and wash affected areas with soap and water.

CONCURRENCES

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If in eyes - Flush eyes with plenty of water. Call a physician immediately.

4. Revise the Note to Physician to read:

Solvent may present aspiration hazard. Gastric lavage is indicated if material was taken internally. If symptoms of cholinesterase inhibition are present, atropine is antidotal. 2-PAM is also antidotal and may be used in conjunction with atropine.

5. Relocate "WARNING" from beneath the heading Precautionary Statements to appear beneath the heading Hazards to Humans and Domestic Animals.
6. The preferred location for the farmworker reentry warnings and advice would be in the Directions for Use, after the misuse statement, appearing under the subheading Re-entry Statement. Add the following after the oral warning sentence: "When oral warnings are given, warnings should be given in a language customarily understood by workers." Also after "...spray has dried" add the following: "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."
7. Add "or before smoking or eating" to "Wash thoroughly after handling."
8. Change "Do not permit children or pets to go onto the sprayed grass until spray has completely dried" to "Do not permit children or pets to go onto treated areas until spray has completely dried."
9. Delete the subheading "Fish and Wildlife Caution" and change "Keep out of any body of water" to "Do not apply directly to water or wetlands."

Revise the bee notice at the end of the Environmental Hazards text to read:

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

10. Add a third subheading and section "Physical or Chemical Hazards" under the master heading "Precautionary Statements." Relocate "Do not use, pour, spill or store near heat or open flame" to appear under the heading, Physical or Chemical Hazards.
11. Relocate "Do not contaminate water food or feed by storage or disposal" up to the "Storage" section and add "Do not store near heat or open

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flame" as the second sentence of this storage section. "Handle concentrate in a ventilated area" will remain as the third sentence of this section.

Please furnish a supplier's specification sheet for the solvent.

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

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

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide/Rodenticide Branch
Registration Division (TS-767)

Enclosure

RD/IRB:DCR-04428:LaRocca:KIM:Raven:557-2226:CBI-1:5/20/84:Del.6/15/84

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NET CONTENTS:
One Gallon (3.79 L)

YASCO
BRAND

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Diazinon

Insecticide

AG500

FOR CONTROL OF CERTAIN INSECTS ON FRUITS, NUTS,
VEGETABLES, FIELD CROPS, AND ORNAMENTALS.

ACTIVE INGREDIENTS:

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

phosphorothioate* 47.50%

Aromatic petroleum derivative solvent 30.02%

INERT INGREDIENTS: 22.48%

TOTAL: 100.00%

*Diazinon® trademark of CIBA-GEIGY Corporation

DAZINON® 4E contains 4 lbs. Diazinon per gallon

KEEP OUT OF REACH OF CHILDREN

WARNING — AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este pro-
ducto hasta que lo aliqueto haya sido explicado amablemente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. 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 respiration if necessary.
IF ON SKIN: Wash with soap and water. Rinse thoroughly.
IF IN EYES: Rinse eyes with plenty of cool water. Call a physician. If irritation persists.
NOTE TO PHYSICIANS—Diazinon upon repeated, prolonged, or careless use, may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

PRECAUTIONARY STATEMENTS

Diazinon AG500 **WARNING**

HAZARDS TO HUMANS and DOMESTIC ANIMALS

This reentry statement should be given orally to hand laborers working in areas treated with the pesticide on "Today's date of application." Do not enter without appropriate protective clothing for 24 hours.

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 area without protective clothing until spray has dried.

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

ENVIRONMENTAL HAZARDS

FISH AND WILDLIFE CAUTION: This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. 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.

(See Side and Back Panels for Additional Directions)

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STORAGE: Do not use, pour, spill or store near heat or open flame. Combustible Mixture.

~~k~~ Handle concentrate in a ventilated area.

PESTICIDE 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.

CONTAINER DISPOSAL: Triple rinse. 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.

GENERAL INFORMATION

Blattenech AR500 is an emulsifiable solution which, when diluted with water according to the directions below, is intended for the control of insect pests on agricultural crops. Do not use in barns or dwellings. Do not use on livestock. In the Directions For Use given below, best control is obtained when application is made at first sign of insects. Application should be repeated as necessary to maintain control.

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 rates listed below should be applied as a dilute full cover spray.

Cherries—Eyespotted Bud Moths, Fruit-Tree Leaf Rollers: Mix 1 pt. per 100 gals. of water. Apply in cover sprays as necessary, beginning with petal fall.

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.

Cherry Fruit Flies: Mix 1/2-1 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.

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 Mites: Mix 1/2-1 pt. per 100 gals. of water. Apply as a supplemental spray after harvest.

Grapes—Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leaf Rollers: Apply 1-2 pts. per acre in a minimum of 100 gals. of water as a thorough cover spray. Do not apply within 15 days of harvest.

Drosophila spp.: Apply 12-18 fl. oz. 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.

Peaches and Nectarines—Aphids, Brown Mites (Clover Mites), Two-spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, mites and scale crawlers first appear. **Olive Scale Crawlers:** Mix 1/2 pt. of Blatt. AR500 plus 1 1/2 gals. 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 Twig 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 1/2-2 pts. per 100 gals. of water timed to coincide with peak crawler and immature scale activity. Under conditions of heavy infestations, 2 applications may be necessary.

Do not apply to peaches within 20 days, or to nectarines within 10 days of harvest.

Pecans—Aphids, Mites, Pecan Nut Casebearers, Walnut Caterpillars: Apply 1-3 pts. per acre as a foliage spray in a minimum of 100 gals. of water. Do not apply after husks crack.

Plums and Prunes—Brown Mites (Clover Mites), European Red Mites: Apply 1 pt. per 100 gals. of water.

Leaf Curl Plum Aphids, Mealy Plum Aphids, Thistle Aphids: Apply 1/2-1 pt. per 100 gals. of water. Do not apply within 10 days of harvest.

Strawberries—Aphids, Two-spotted Spider Mites: Apply 1 pt. per 100 gals. of water per acre.

Cyclamen Mites: Apply 1-2 pt. per 100 gals. of water per acre, directing spray to plant crowns. Plants should be sufficiently agitated to assure thorough coverage of the foliage. Make additional applications, if necessary, after harvest.

Mole Crickets: Broadcast 1 pt. per acre when insects are present. Apply 1 to 2 days before transplanting and mix into the top 1-2 inches of soil immediately.

Strawberry Leaf Rollers: Mix 1/2-1 pt. per 100 gals. of water. Apply 200 gals. of spray per acre when blossoms show color. Do not apply within 5 days of harvest.

Walnuts—Aphids, Mites: Apply 1 pt. per acre as a foliage spray in a minimum of 100 gals. of water.

Codling Moths, Scale Crawlers, Walnut Caterpillars: Apply 3 pts. per acre as a foliage spray in a minimum of 100 gals. of water. Do not apply after the husks open.

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VEGETABLE FOLIAR INSECTS

Unless otherwise stated, foliar applications of Diazinon 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, Leaf Miners: Apply 1-1½ pts. per acre.
Cucumber Beetles: Apply ½ pt. in 100 gals. of water per acre. Do not apply within 7 days of bean harvest. Bean foliage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if foliage is to be cut for hay.
Lima Beans—Dipterous Leaf Miners, Leafhoppers, Mites: Apply 1 pt. per acre. Do not apply within 7 days of harvest. Bean foliage or bean hay may be fed to dairy and beef cattle. Wait 4 days following treatment if foliage is to be cut for hay.
Broccoli, Cabbage and Cauliflower—Aphids, Diamondback Moths, Imported Cabbageworms: Apply ½-1 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 marked trimmed (tops removed) before being shipped or used. Tops should not be used for feed or food.
Collards, Kale, Swiss Chard, and Turnip Tops—Aphids, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs: Apply ½-1 pt. per acre. Do not apply to collards, kale, or turnip tops within 10 days. Swiss chard within 12 days, of harvest.
Cucumbers—Aphids, Serpentine Leaf Miners, Thrips: Apply 1 pt. per acre. Do not apply within 7 days of harvest.
Lettuce and Endive—Aphids, Dipterous Leaf Miners: Apply ½-1 pt. per acre. Do not apply within 10 days of harvest.
Melons and Squash—Cantaloopes, Casabas, Crenshaw, Honeydew Melons, Muskmelon, Persian Melon, and hybrids of these; Watermelons and their hybrids; Summer and Winter Squash. Aphids, Leafhoppers, Mites: Apply 1-1½ pts. per acre.
Serpentine Leaf Miners, Thrips: Apply ½-1 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 (Phorids and Sciadids): Mix ½-1 gal. in 50 gals. of water (0.5% to 1.0% actual Diazinon) and spray on outside and inside of walls and ventilators of mushroom houses, after compost in house has been pasteurized by heating. Do not spray compost in house or after spawning.
To treat wooden stakes of beds, doors and door frames after pasteurizing, mix ½ pt. in 6 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, Leaf Miners: Apply ½-1 pt. per acre. Peas may be picked immediately. Pea vines and pea vine hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if foliage is to be cut for hay.
Peppers—Aphids, Serpentine Leaf Miners: Apply ½ pt. per acre. Do not apply within 4 days of harvest.
Potatoes—Aphids, Flea Beetles, Colorado Beetles, Dipterous Leaf Miners: Apply at this rate of ½-¾ pt. per acre.
Banded Cucumber Beetles, Leafhoppers, Southern Armyworms: Apply ½-1 pt. per acre. Do not apply within 35 days of harvest.
Radishes, Parsnips, and Turnips—Aphids, Flea Beetles, Dipterous Leaf Miners: Apply ½-1 pt. per acre. Do not apply within 10 days of harvest.
Spinach and Beets—Aphids, Dipterous Leaf Miners: Apply ½-1 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 1-1½ 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 foliage may be fed to dairy and beef cattle and sheep.
Refer also to Corn under Field and Forage Foliar Insects and Field and Forage Soil Insects.
Tomatoes—Aphids, Dipterous Leaf Miners: Apply ½ pt. per acre. To control leaf miners weekly applications are usually required.
Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms: Apply ½-1 pt. per acre.
Vinegar Flies (Drosophila spp.): Apply ½-1½ pts. per acre. Weekly applications are usually required. Do not apply within 1 day of harvest.

VEGETABLE SOIL INSECTS

Unless otherwise stated, soil applications of Diazinon AG500 should always be applied to vegetable crops as a spray in a minimum of 5 gals. of water per acre for ground applications. **Cucumbers (Surface and Subterranean)**, Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Cauliflower, Celery, Collards, Cucumbers, Endive (escarole), Kale, Lettuce, Lima Beans, Muskmelon, Parsley, Peas, Peppers, Potatoes, Snap Beans, Spinach, Summer Squash, Sweet Corn, Swiss Chard, Tomatoes, Watermelons, Winter Squash. 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.
Borden Symphylans (Cecidophores)—Cabbage, Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes, Turnips. Broadcast 10 qts. per acre just prior to planting. Work into soil 4-8 inches immediately. This preplant treatment will also control

other soil insects such as cutworms (surface and subterranean), mole crickets, root maggots, and wireworms.
Male Crickets—Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Endive (escarole), Kale, Lettuce, Mustard, Peppers, Radishes, Tomatoes, Turnips.

Broadcast 1 qt. per acre when insects are present. Make application to plant beds or field 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches immediately.
Onion Maggots—Onions: Furrow Application: Apply 1 qt. per acre in sufficient water to dress the seed furrow at planting time. Broadcast Application: Broadcast 2-4 qts. per acre just prior to planting. Work into soil 3-4 inches immediately.
Root Maggots—Broccoli, Brussels Sprouts, Cabbage, and Cauliflower.

Broadcast Application: Broadcast 2-3 qts. per acre and immediately work into the soil 3-4 inches, before seeding, either in the seedbed or in the field, or before transplanting.
Transplant Water (Drench) Application: Mix ¼-½ pt. in 50 gals. of transplant water, when 200-300 gals. of water are used per acre. May be applied at the rate of ¼-1 cupful per plant, either by hand or by tractor-mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.

Radishes: Mix 1 qt. in 50 gals. of water. Apply 20-100 gals. per acre (1-1½ qts. per 1,000 linear feet of row) in the seed furrow at planting time.

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

Broadcast 3-4 qts. per acre prior to planting, and work into soil 4-8 inches immediately.

Wireworms—Wireworms: Broadcast 3-6 qts. per acre prior to planting. Immediately disk or harrow into soil 4-8 inches.

Southern Potato Wireworms (Southeastern U.S.): For use to control southern potato wireworms in potatoes grown on mineral soils in the Southeast, apply 2-4 qts. per acre as a soil treatment prior to planting, and immediately mix thoroughly by disking, or other suitable means into the top 3-6 inches of soil, depending on location of wireworms.

FIELD AND FORAGE FOLIAR INSECTS

Unless otherwise stated, foliar applications of Diazinon AG500 should always be applied to field and forage 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.

Alfalfa and Clover—Spotted Alfalfa Aphids, Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bud Nymphs, Mites: Apply ½-1 pt. per acre.

Grasshoppers: Apply 1 pt. per acre. Following the above applications, dairy and beef cattle and sheep (1) may be grazed immediately following application, (2) may be fed green alfalfa or clover immediately following cutting, and (3) may be fed hay provided alfalfa or clover is not cut for 7 days following treatment.

Alfalfa Weevil Larvae: For control in the spring, apply 2-3 qts. per acre when feeding damage to growing tops becomes evident. Repeat application, if necessary, if damage is already extensive, cut the hay and make application to the stubble. Do not graze dairy and beef animals or sheep for 2 days. Do not cut for hay for 10 days following treatment.

Do not spray livestock directly with either air or ground equipment. Do not treat during bloom to avoid injury to pollinating insects.

Clover—Striped Ground Cicadas: Broadcast 1-2 qts. per acre following seeding in the fall but prior to clover emergence.

Corn—Use a minimum of 1 gal. of water for aerial applications and 5 gals. of water for ground applications.

Corn Rootworm Adults: Apply 1-1½ pt. per acre.

Corn Leaf Aphids: Apply 1-2 pts. per acre. Complete coverage of the upper portions of the plants is essential. Repeat applications as necessary.

Mites: Apply 1 pt. per acre when infestations first appear. Repeat applications as necessary.

Flea Beetles: Apply 1 pt. per acre when insects first appear. Repeat applications as necessary.

Grasshoppers: Apply 1 pt. per acre.

Sep Beetles: Apply 2-2½ pts. per acre. Add 1-2 gals. of soluble mineral oil per acre to the spray mixture. Consult State Agricultural Experiment Stations or State Extension Service Specialists for proper timing of sprays.

Corn may be picked immediately following last application. Corn foliage may be fed to dairy and beef cattle and sheep.

Sorghum—Use a minimum of 1 gal. of water for aerial applications and 5 gals. of water for ground applications.

Sorghum Midges: Apply ½-1 pt. per acre when 90% of heads have emerged from the boot. Repeat application within 4 days.

Mites: Apply 1 pt. per acre when infestation first appears and repeat applications as necessary.

Greenbug: Apply at the rates indicated below when infestation first appears and repeat as necessary.

Texas and Oklahoma—Apply ½-1 pt. per acre.

All Other Areas—Apply 1 pt. per acre.

Crop may be fed to livestock immediately following treatment. Do not apply within 7 days of harvesting for grain.

Peas—Aphids, Flea Beetles: Apply ½-¾ pt. per acre. Do not apply within 3 days of harvest.

Grasshoppers: Apply 1 pt. per acre. Do not apply within 14 days of harvest.

(See Side Panels for Additional Directions)

TOBACCO STATES CHEMICAL CO., INC.
 LEXINGTON, KENTUCKY

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Side Panel

Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below.

Clifton aster
Webworms

Insects	Rate per 3 gals. water	Rate per 100 gals. water
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Miners, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Mites, Leafhoppers, Obscure Root Weevil, Omnivorous Leaf Thrips, Privet Mites, Scaly Creepers, Cottony-Cushion, Lecanium, Pine Needle, San Jose, Soft Scale, Thrips, Two-spotted Mites, Webworms, Whiteflies	1/4 fl. oz.*	1 pt.*
Apple and Thorn Spawnpiercers, Chrysanthemum Webworms, Fall Webworms, Hawthorn Thrips, Oak Looper, Oblique-banded Leaf Roller, Pear Slug, Tent Caterpillars	1 1/4 fl. oz.	3 pts.

*fl. oz. = 2 tablespoons

16 fl. oz. = 1 pint

Do not use on certain ferns, Polka-dot, Hibiscus, Peper, Pilea,
and Geranium, since injury to the plants may occur.

Miner Webworms: Mix 1/4 fl. oz. in 3 gals. of water (or 1 pt.
in 100 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.

LAWN INSECT CONTROL

To control insects listed below, apply recommended rates. For
control of Axi, Brown Dog Ticks, Clover Mites, Earwigs,
Earwigs, Fleas, Millipedes, Sowbugs, and Cissimela (Springtails),
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 applica-
tion if necessary.

Bedbug Spray bugs outside the home with 1 1/4-2 1/4 fl. oz.
(2 1/4-5 tablespoons) in 1 gal. water. At the same time thoroughly
spray around foundation, windows, doors, tree trunks, and
cracks and other places where the insects hide.

Billbugs and White grubs, such as Japanese beetle larvae, Euro-
pean Chaffer and Southern chaffer. 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
chewed or brown grass is present, indicating damage from this
insect.

Insects	Rate/1,000 sq. ft.		Remarks
	Blasene ABSD	Water	
Lawn Chinch Bugs	2-3 fl. oz. or 3-4 fl. oz.	25 gals.*	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawn.
Axi, Armyworms, Clover Mites, Cissimela (Springtails), Earwigs, Fleas, Digger Wasps, Ear- wigs, Flea Beetles, Lawn Billbugs, Red Webworms (Lawn Moths), Sowbugs	4 fl. oz.	5 gals.	Spot spray ant and wasp groups with openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. For flea lice, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary.
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers	1 1/4 fl. oz.	3 gals.	Do not apply to animals. For brown dog ticks spray grass and under shrubs, par- ticularly near house.
Millipedes	4 fl. oz.	5 gals.	
Rhodes grass Beetles	5 fl. oz.	25 gals.*	Apply when crawlers first emerge.

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

(See Side and Back Panels for Additional Directions)

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226-8-11 878 ②

Unless otherwise stated, soil applications of Dischman AG500 should always be applied to field and forage crops as a spray

Corn—Corn Rootworm Larvae:

Row Spacing	(linear feet of corn rows/ acre)	Post emergence basal treatment (lb. oz.)
48"	10,899	14.28
42"	12,495	15.5-31
36"	13,068	16-32 (1/2-1 qt.)
30"	13,939	17.5-35
24"	14,250	18-36
20"	17,424	22-44
18"	21,780	27.5-55
15"	26,136	32-64 (1-2 qts.)
12"	31,744	44-88

Postemergence Basal Treatment: Apply 1 3/4-2 1/2 qt. per 1,000 linear feet of corn row in sufficient water to thoroughly wet

Seed Corn Maggots: Broadcast 2-4 qts. per acre just prior to planting. Work into soil 2 inches immediately.

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

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

Pyrethrum-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.

Wool 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 work into soil 1-2 inches immediately.

RANGE, PASTURE, AND GRASSLAND INSECTS
Unless otherwise stated, Diazinon 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 3 gals. of water per acre for ground applications.

Unless otherwise stated, Disson AQ500 should always be applied as a spray in a minimum of 1 gal. of water per acre for aerial applications and a minimum of 3 gals. of water per acre for ground applications.

Grass and beef cattle and sheep (1) may be grazed immediately following application, (2) may be fed green forage immediately following cutting, and (3) forage grasses may be cut for hay 7 days following treatment. Do not repeat application for 30 days.

Dairy and beef cattle and sheep (3) may be grazed immediately following application, (2) may be fed green forage immediately following cutting, and (3) may be fed hay produced grass is not cut for hay for 21 days if the spray is a water solution, or for 35 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.

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