

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 on to 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 on to sprayed grass until spray has completely dried.

Refer to Supplemental Label for Use Directions.

### NOTICE OF WARRANTY

WESTERN FARM SERVICE MAKES NO WAR-RANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

DIAZINON<sup>B</sup> is the registered trademark of CIBA-Geigy Corp.

## DIAZINON AG-500

For control of certain insects on fruits, nuts, vegetables, field crops and ornamentals.

Western Farm Service DIAZINON® AG-500 contains 4 lbs. DIAZINON per gallon.

ACTIVE INGREDIENTS	В٧	WEIGH'
0, 0-diethyl 0-(2-isopropyl-	·6-methyl-	
4-pyrimidinyl) phospho	prothioate	48.0%
<b>Xylene</b>		<b>39</b> .8%
INERT INGREDIENTS		12.2%
EPA Reg. No. 11656-18	TOTAL	100.0%

### WARKING!

KEEP OUT OF REACH OF CHILDREN

FISH & WILDLIFE PRECAUTION This product is toxic to 1 sh, shrimp, crab, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when wheather 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 State Agricultural Extension Service or Experiment Station.

Do not reuse empty container or empty drum. Destroy by perforation or crushing and burying in a safe place away from water supplies. If empty drum, return to drum conditioner. Dispose of empty containers in accordance with local, state or federal regulations.

CAUTION. INFLAMMABLE MIXTURE

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

NET CONTENTS: 5 GALLONS

RECO

WESTERN FARM SERVICE, INC., 2401 Crow Canyon Road, SAN RAMON, CA. 94583 APR 23 1975

WFS 121 3-75

FARM SERVICE

# DIAZINON AG-500 Dependence on fruits, nuts, market by the company of the company

Western Farm Service DIAZINON BAG-5MAY 1 6 1975 ACTIVE INGREDIENTS

CONTAINS A 1997 DIAZINON BAG-5MAY 1 6 1975 O.O. dethyl 0-(2-isopropy) 6-methyl **BY WEIGHT** contains 4 lbs. DIAZINON per gallon, rimidiny)) phosphorothicate DIAZINON R is the registered tradeback to the Enderell Inserticide National National Padenticide INSERT INGREDIENTS 311.5 10.0 as amended, for the pesticide A Reg. No. 11656-18 TOTAL 100.0

### TEP OUT OF REACH OF CHILDREN.

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

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CAUTION: INFLAMMABLE MIXTURE

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### DIRECTIONS FOR USE

NOTE: The California Department of Agriculture has set a five-day re-entry for DIAZINON on citrus, grapes, peaches and nectarines. Five days should lapse 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. When a mixture of two for more organic phosphate pesticides are applied in combination, the interval shall be prolonged by adding to the longest applicable interval an additional 50% of that interval

### FRUIT AND NUT CROPS

ALMONDS Mites, I way Borers Apply 1 to 1 pts, per 100 gals, of water Parlatoria Scales, San Jose Scales, Mix 1 to 1 pts. DIAZINON plus 2 to 3 gals. dormant oil per 100 gals, water and apply as a dormant spray. Almond hulls may be used for feed for livestock.

APPICOTS: Aphids, Brown Mites in lover Mites), Two-Spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Criwlers. Mix 1 pt. per 100 gals, of light medium porticultural oil per 10° gals, of water. Apply when scale crawlers are present. Apricot Mealybugs. Mix 1 pt. per 100 gals, of water. Apply as a coverspray from petal fall to June. Do not app v within ten days of harvest.

BLUTBERRIES Fruitworms, Cherry Fruitworms, Blueberry Maggots, Aphidr, Thrips, Two Spotted Mites. Mix 1 pt, per 100 gals, of water. Apply up to 200 gals, of spray per acre. Do not apply within seven days of harvest,

TANEBERRIES (BLACKBERRIES, BOYSENBERR ES, DEWBERRIES, LOGANBERRIES, RASPBERRIES): Leafhoppers, Thrips, Aphids, Two Spotted Mites, Raspberry Sawflies, Apply 2 pts, per acre in a minimum of 100 gals, of water. Paspberry Fruitworms Apply at the above rates when blossom buds separate and repeat application immediately before bloss imsliopen. Dryberry Mites: Apply 1 to 2 gts, 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 seven days of harvest. Raspberry Crown Borers (Raspberry Root Borers). Apply 2 qts, per acre in a minimum of 100 gals, water as a drench to the crown area and to the lower canes. Apply either in the spring before bernes begin to form or in the fall after harvest.

CHERRIES, Eye Spotted Bud Moths, Fruit-Tree Leaf Robers, Mix 1 pt, per 100 gals, of water, Apply in cover sprays as necessary, beginning with petal fall Leathoppers. Apply: 1 pt. per 100 gals, of water in three to five applications. beginning at petal fall and continuing through the growing season, or apply as infestations develop. Cherry Fruit Flies. Mix. 160 Lpt. per 100 gals, of water. Make three or four applications, beginning when adult cherry fruit flies begin to emerge and repeat at teniday intervals, Black Cherry Aphids. Mix 1 pt, per 100 gals of water. Apply as a cover spray when aphids appear and repeat after ten days, San Jose Scale, Crawlers, Mix 1 pt, per 100 gais of water. Apply during the preipin) stage or where rawlers first appear. Do not apply within trinidays of harvest, Cherry Pust Mites, Mix. I to 1 pt, per 100 gals, of water. Apply as a supplemental spray after harvest.

CITRUS FRUITS (GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGE LOS, TANGERIN**es**, CITRUS CITRON, KUMQUATS, AND HYBRIDS OF THESE): Citrus Aphids, Fruit-Tree Leaf Rollers, Cottony-Cushion Scale Crawlers

PINEAPPLES: Scales Apply 5 qts. of DIAZINON AG-500 plus 2 gals, of light or medium horticultural oil in 500 gals, of water per acre to the vegetative slips on the plants following harvest of pineapple. Mealybugs. Apply 2 gts. per acre in a minimum of 100 gals, of water, May be applied on day of harvest, Pineapple forage and refuse may be fed to livestock seven days following last application.

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, to 1 pt. per 100 gals, of water. Do not apply within tendays of harvest.

STRAWBERRIES: Aphids, Two-Spotted Spider Mites Apply 1 pt. per 100 gals, of water per acre, Cyclamen Mites. Apply 1 qt, 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 qt. per acre when insects are present. Apply one to two days before transplanting and mix into the top 1 to 2 inches of soil immediately. Strawberry Leaf Rollers Mix : to 1 pt. per 100 gals. of water. Apply 200 gals, of spray per acre when blossoms show color. Do not apply within five days of harvest.

WALNUTS: Aphids, Mites Apply 1 gt. per acre as a foliage spray in a minimum of 100 gals, of water, Codfing Moths, Scale Crawlers, Walnut Caterpillars. Apply 3 qts. per acre as a foliage spray in a minimum of 100 gais, of water. Do not apply after the husks open,

### **VEGETABLE FOLIAR INSECTS**

Unless otherwise stated, foliar applications of DIAZINON AG-500 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, LIMP BEANS): Black Bean Aphids, Mexican Bean Beetles, Leaf Miners Apply 1 to 1 pts. per acre. Cucumber Beetles Apply 2. pt. in 100 gals, of water per acre. Do not apply within seven days of bean harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait four days following treatment if forage is to be cut for hay.

LIMA BEANS: Dipterous Leaf Miners, Leafhoppers, Mites. Apply 1 pt. per acre. Do not apply within seven days of harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait four days following treatment if forage is to be cut for hay.

BROCCOLL CABBAGE AND CAULIFLOWER. Aphids, Diamondback Moths, Imported Cabbageworms, Apply 1, to 1 pt, per acre. Applications at seven to ten-day intervals will usually be required. Do not apply to broccole or cauliflower within five days, or to cabbage within seven days of harvest,

BRUSSELS SPROUTS Aphids, Diamondback Moths, Imported Cabbage worms. Apply 1 pt. per acre. Generally, applications at seven to ten-day intervals. will be required. Do not apply to brussels sprouts within seven 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 feed or food.

COLLARDS, KALE, SWISS CHARD, AND TURNIP TOPS: Aphids, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs, Corn. Farworms Apply to 1 pt, per acre. Do not apply to collards, kale, or turnip typs within 10. Mites. Apply 1 pt. per acre when infestations first appear. Repeat applications as 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 15 to 1 pt per acre. Do not apply within 10 days of harvest.

MELONS AND SQUASH (CANTALOUPES, CASABAS, CRANSHAWS, HONEYDEW MELONS, MUSKMELONS, PERSIAN MELON OF THESE; WATERMELONS AND THEIR HYBRIDS; SUMMER AND WIN-If R SQUASH) Aphids, Leafhoppers, Mites Apply 1 to 1% pts. per acre. Serpentine Leaf Miners, Thirps Apply 2 to 1 pt. per acre. Do not apply to melons and winter squash within 3 days, or to summer squash within 7 days of

MUSHROOM HOUSES. Mushroom Files (Phnorids and Sciarids). Mix 1/2 to 1. gal in 50 gals of water  $(0.5^{\circ})$  to  $1.0^{\circ}$ , actual DIAZINON) and spray on outside and inside walls and ventifators of mushroom houses, after compost in beds has been pasteurized by heating. Do not spray compost in beds or after spawning. To treat wooden tides of beds, posts, doors and door frames after pasteurizing, mix 32pt. III 6 9als, of water and apply with a brush, Do not treat compost.

O'NION'S Onion Thrips. Apply 1 pt. per acre. Do not apply within 10 days of harvest PEA's: Aphids, Leaf Miners Apply a to 1 pt, per acre, Peas may be picked

sheep. Wait 4 days following treatment if forage is to be cut for hay. PEPPERS: Aphids, Serpentine Leaf Miners Apply 1/2 pt. per acre. Too not apply within 5 days of harvest.

immediately. Pea vines and **pea vine** hav **may be fed to dairy and b**eef cattle and

COTTON: Spider Mites, Aphids, Leafhoppers, Lygus, Cotton Leafwords, Cotton Leaf Perforators, Apply 1 to 2 pts, in 5 to 25 gals, of water per acre Repeat as infestation warrants. Do not apply within 14 days of harvest. Do not

HOPS Aphids, Mites Apply 1 at per sere, Do not apply a thin 14 days of harvest.

SORGHUM: Use a minimum of I gal, of water for aerial applications and f gals, of water for ground applications, Sorghum Midge, Apply 1.2 to 1 pt, per acre when 30 of heads have emerged from the boot. Repeat application within four days. Mites: Apply 1 pt, per acre when infestation first appears and repeat

SUGAR BEET & Leafh appeal, Dipterous Leaf Miners, Aphilds, Apple 3, 4 to 1 it' per acre. Grasshoppers. Apply 1 pt. per acre. NOTE. Tops may be fed to beef

SUGARCANE: Aphids Apply 1/2 to 1 pt, per acre. Allow one day between

TOTE CRICKE IS tation la Br. Sets Sproats - Endive (escars e 1.11 A 10 12 2 2 4 1 cal-base Kale

Carathawer Eroadcast 1 qt. per acre when insects are present. When application to plant begs or field 1.2 days prior to sowing at lead or transplanting and weak into the ches immediately.

ON ON MAGGOTS

Hurrow Applications Apply 1 qt, per acre in sufficient water to drench the seed furrow at planting time. Broadcast Application, Broadcast 1/4 gts, per acre aist prior to planting. Work into soil 3-4 inches immediately ROOT MAGGOTS:

Broccofi, Brussels Sprouts, Cabbage and Cauliflower:

Broadcast Application, Broadcast 2-3 gts, 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 1.4-1.2 pt. in 50 gals. of transplant water when 200-300 gals, of water are used per acre. May be applied at the rate of 1/2/1 cupful per plant, either by hand or by tractor mounted sprayer equipped with drop noggles 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, gt, in 50 gals, of water, Apply 80,100 gals, per acre-(1 to 1-1/3 gats, per 1,000 linear feet of row) in the seed furrow at planting time.

HREWORWS:			
ros oft	Collards	Onions	Summer Squash
russeis Sprouts	Cucumbers	Parsley	Sweet Corn
abbage	Endive (escarble)	Peas	Sweet Potatoes
antaloupes	Kale	Peppers	Swiss Chard
arrots	Lettuce	Potatoes	T∋mato <b>es</b>
auliflower	Lima Beans	Snap Beans	Waterm <b>elons</b>
elery	Muskmelons	Spinach	Winter Squ <b>ash</b>
D	• -•		

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

POTATOES: Wireworms Broadcast 3 to 6 qts, per acre prior to planting. Immediately disk or harrow into soil 4 to 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 to 4 qt., per acre as a soil treatment prior to planting, and immediately mix thoroughly by disking or other suitable means into the top 3 to 6 inches of soil, depending on location of

### FIELD AND FORAGE FOLIAR INSECTS

Unless otherwise stated, foliar application of DIAZINON AG-500 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 of a ground applications.

ALFALFA AND CLOVER: Spotted Alfalfa Aphids, Yellow Clover Aphids. Pea Aphids, Leafhoppers, Plant Buy Nympns, Mites Apply 3/4 to 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 ted hay provided alfalfa or clover is not cut for hay for seven days following treatment. Alfalfa Weevil Larvaet For control in the spring, apply 2 to 3 pts. per racre when feeding damage to growing tips 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 two days. Do not yet for hay for ten days following treatment. Do not spray livestock directly with wither air or ground equipment. Do not treat during bloom to avoid linking to ാവിinating insects.

CLOVER Striped Ground Crickets: Broadcast 1 to 2 pts, 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 6 gars of water for ground applications, Corn Rootworm Adults, Apply 1.2 to 1.pt. per acre. Corn Leaf Aphids—Apply 1 to 2 pts. per acre. Complete coverage of the upper portions of the plants is essential. Repeat applications as necessary. necessary, Grasshoppers. Apply 1 pt. per acre. Sap Beetles. Apply 2 to 2-1-2 pts. per acre. Add 1 to 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 ( in may be picked nimediately following last application. Corn forage may be fed to dairy and beet cattle and

graze treated cotton plants or feed gin wastes to livestock.

applications as necessary. Greenbug: Apply at the rates indicated below when  $\pi$  festation first appears and repeat as no essary. Fexas and Oklahoma. Apply 1/2to 1 pt, per acre. All Other Areas. Apply 1 pt. per acre. Crop may be fed to Trestock immediately following treatment. Do not apply within seven days of of investing for grain.

of necessary.

COMPLAS C SETTLE A 15" DECOT "CO lutwarms, datanc LESPEDIZA acre just brior to

cutworms, 3.6 inc PEANUTS C Thorough coverag appear. Two or necessary. Do not fed peanut hulls,

(3) may be ted pe SORGHUMacregust prior to cutworms, 3-6 inc

SOYBEANS: acregust prior to cutworms, 3-6 inc SUGAR BEE planting, and wor

dairy ani mals. SUGARCANE over the furrow.

covering time. TOBACCO: C work into the soi

50 gals, of water areas of plant be when insects are sowing of seed Seed-Corn Maggo Work into soil 2 weeks before tran

RANGE, PASTUR Unless otherw spray in a minin

minimum of 5 gal BERMUDAGE Grasses): Thrips, cattle and sheep ( fed green forage i for hay 7 days fol

RANGELAND NONCROP AREA acre in water or c preferably in the Dairy and beef application, (2) n may be fed hay water solution, c livestock directly.

for 30 days. **ORNAMENTAL** To control ce Carnation, Chrys.

per, Lillac, Locust

and Millow, apply

Aprilids, Bagwin trom istroot falst Dipterbus Lear Moths, Europea Bud Miths, Le Omniyorous Le ers (Cottony Cu Jose, Soft Scale

worms, White'li Apple and Thor worms, half Wi Loopers, Obliqu

Tent Caterpi‼ar \*1 fl. oz. - 2 t deft of tp

Do not use or fince injury to the Mimosa Webw Stater) and apply Second and third a

LAWN INSECT C otic antrol in Ar S. Brown Dr 5 buas and cob an in ay enter th as le house four

ALMONDS: Mites, Twig Borers-Apply 1 to 1½ pts. per 100 gals, of water. Parlatoria Scales, San Jose Scales. Mix 1 to 112 pts. DIAZINON plus 2 to 3 gals. dormant oil per 100 gals, water and apply as a dormant spray. Almond hulls may be used for feed for livestock.

APRICOTS: Aphids, Brown Mites (Clover Mites), Two-Spotted Spider Mites, Otive Scale Crawlers, San Jose Scale Crawlers, Mix 1 pt. per 100 gals, of light medium horticultural oil per 100 gals, of water. Apply when scale crawlers are present. Apricot Mealybugs. Mix 1 pt. per 100 gals. of water. Apply as a cover spray from petal fall to June. Do not apply within ten days of harvest.

BLUEBERRIES: Fruitworms, Cherry Fruitworms, Blueberry Maygots. Aphids, Thrips, Two-Spotted Mites. Mix 1 pt. per 100 gals, of water. Apply up to 200 gais, of spray per acie. Do not apply within seven days of harvest.

CANEBERRIES (BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES) Leathoppers, Thrips, Aprilds, Two Spotted Mites, Raspberry Sawflies. Apply 2 pts. per acre in a minimum of 100 gals, of water. Paspberry Fruitworms Apply at the above rates when blossom buds separate and repeat application immediately before blossoms open. Dryberry Mites Apply 1 to 2 gts, 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 seven days of harvest. Raspberry Crown Borers (Raspberry Root Borers). Apply 2 qts. per acre in a minimum of 100 gals, water 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.

CHERRIES: Eye Spotted 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 three to five applications beginning at petal fall and continuing through the growing season, or apply as infestations develop. Cherry Fruit Flies Mix 1, to 1 pt. per 100 gals, of water. Make three or cur applications, beginning when adult cherry fruit flies begin to emerge and repeat at ten-day intervals, Black Cherry Aphids. Mix 1 pt. per 100 gals, of water. Apply as a cover spray when aphids appear and repeat after ten 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 ten days of harvest. Cherry Rust Mites Mix 1: to 1 pt. per 100 gals, of water. Apply as a supplemental spray after harvest.

CITRUS FRUITS (GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGE-LOS, TANGERINES, CITRUS CITRON, KUMQUATS, AND HYBRIDS OF THESE): Citrus Aphids, Fruit-Tree Leaf Rollers, Cottony-Cushion Scale Crawlers and Soft Scale Crawlers. Apply 1: to 1 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. Fruit-Tree Leaf Rollers. Use -: to 1 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 to 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 the higher dosage rate. Thorough coverage of tree trunks, limbs and twigs 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 (Spargonothis sulfureana)—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 seven days of harvest.

FIGS: Vinegar Flies (Drosophila spp.), Dried Fruit Beetles. Apply 1 pt. per 100 gals, of water. Do not apply within five days of harvest.

Fit BERTS: Filbert Leaf Rollers, Aphids Apply 1 to 2 ats. in 250 to 400 gais, of water per acre, as a thorough cover spray.

GRAPES. Pacific Spider Mites. Leafhoppeis, Grape Berry Moths, Grape Leaf Folders Apply 1 to 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 to 18 ft. 12, 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 seven days of

OLIVES: Once Scales Mix is to 1 pt. of DIAZINON AG-500 plus 11/2 gats, 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 AND NECTARINES: Aphids, Brown Mites (Clover Mites), Two-Spotted Spider Mites, Ofive Scale Crawlers, San Jose **Scale Crawlers—Mi**z 1 **pt. pe**r 100 gals, of water, Apply when aphids, mites and scale crawlers first appear. Office Scale Crawlers Mix pt. of DIAZINON AG 500 plus 1 gals. light medium horticultural oil per 100 gals, of water, Apply which scale crawlers are present. Oriental Front Moths Mox 1 pt, per 100 gais of water an**d apply at 10**0 - petal fall. Make two additional applications at tenit a fifteer day intervals. Time the fast application to peak adult oriental fruit moth flight, if possible. Peach Twig Borers, Mix 1 pt, per 100 gais, of water and apply to pearlies in May and June. Leafhoppers (Peaches Only). Apply 1 pt, per 100 gats, of water in three to five. applications beginning at peta: fall and continuing through the growing season, or apply as infestations develop. White Peach Scale (Peach E.O.) . As a post-harvest. GARDEN SYMPORE (AND (Centipedes)). spray, apply 1 to 2 pts, per 100 gals, of water timed to limit with peak. Cabbage rawler, and immation scale activity. Under conditions of teacy intestations, two inclurings applications may be necessary. Do not apply to peaches within 20 days, or to Cornnectarines within ten days of harvest.

Moths, Imported Cabbageworms--Apply 1/2 to 1 pt. per acre. Applications at seven to ten-day intervals will usually be required. Do not apply to broccoli or cauliflower within five days, or to cabbage within seven days of harvest.

BRUSSELS SPROUTS: Aphids, Diamondback Moths, Imported Cabbageworms. Apply 1 pt, per acre. Generally, applications at seven to ten-day intervals will be required. Do not apply to brussels sprouts within seven days of harvest.

CARROTS: Aphids Apply 1 pt. per acre. Do not apply within 10 days of

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 remilived) 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, Harleguin Cabbage Bugs, Corn Earworms-Apply 12 to 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 Leat Miners, Thrips. Apply 1 pt. per acre. Do not apply within 7 days of harvest.

LETTUCE AND ENDIVE: Aphids, Dipterous Leaf Miners -Apply ½ to 1 pt. per acre. Do not apply within 10 days of harvest,

MELONS AND SQUASH (CANTALOUPES, CASABAS, CRANSHAWS, HONEYDEW MELONS, MUSKMELONS, PERSIAN MELONS, AND HYBRIDS OF THESE; WATERMELONS AND THEIR HYBRIDS; SUMMER AND WIN-TER SQUASH) Aphids, Leafhoppers, Mites Apply 1 to 1½ pts. per acre. Serpentine Leaf Miners, Thirps Apply to 1 pt. per acre. Do not apply to melons and winter squash within 3 days, or to summer squash within 7 days of

MUSHROOM HOUSES: Mushroom Flies (Phnorids and Sciarids)—Mix 1/2 to 1 gal, in 50 gals, or water '0.5% to 1.0% actual DIAZINON) and spray on outside and inside walls and vertilators of mushroom houses, after compost in beds has been pasteurized by hearing. Do not spray compost in beds or after spawning. To treat wooden sides of beds, posts, doors and door frames after pasteurizing, mix  $\frac{1}{2}$ 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

PEAS: Aphids, Leaf Miners-Apply 4 to 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 forage is to be cut for hay

PEPPERS: Aphids, Serpentine Leaf Miners Apply 1/2 pt. per acce for not apply within 5 days of harvest.

POTATOES: Aphids. Flea Beetles, Colorado Potato Beetles, Dipterous Leaf Miners Apply at the rate of 12 to 34 pt. per acre. Banded Cucumber Beetles. Leafhoppers, Southern Armyworms -Apply ¼ to 1.0 pt. per acre. Do not apply within 35 days of harvest.

RADISHES, PARSNIPS AND TURNIPS: Aphids, Flea Beetles, Dipterous Leaf Miners--Apply 1/2 to 1 pt. per acre. Do not apply within 10 days of harvest.

SPINACH AND BEETS: Aphids, Dipterous Leaf Miners Apply to 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 to 1 - qts. per acre when silks first appear. Two or three repeat applications at 2 to 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 Foliar Insects and Field and Forage Soil Insects.

TOMATOES: Aphids, Dipterous Leaf Miners Apply pt. per acre. To control leaf miners weekly applications are usually required. Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms Apply a to 1 pt. per acre. Vinegar Flies (Drosophila spp.) Apply to 1 pts, per acre. Weekly applications are usually required. Do not apply within 1 day of harvest

WATERCRESS (HAWAII ONLY) Cyclamen Mites. Mix 1 pt. per 100 gals, of water and apply to one acre as a thorough cover spray. Spray should be directed into the crowns 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 DIAZINOTA AG 500 should always be applied to vegetable crops as a spray in a nanimum of five sals not water per acre for ground applications.

CUTWORMS (Surface and Subterranean).

Musk metons

Broccoti	Collards	MUSEMETONS	Spiriacii
Brussels Sprouts	Cucumbers	Parstey	Summer Squast
Cabbage	findive (escarole)	Peas	Sweet Carn
Cantaloupes	Kate	Peppers	Swiss Chard
Cauliflower	Lettuce	Potatoes	flomathes
Celery	Lima Beans	Snap Beats	Watermetons
			Winter Squash

immediately 2.3 inches for stirfale latworers. 3-6 inches for subterranear of inch row traine.

Lettuce Radishes Pol**e Be**ans Snap Beans

Broadcast 10 gts per acre just prior to planting, Work into soit 4.8 inches PECATIS Aphids, Mites, Pecan Not Case-Bearery, Agreed caterpolars. Apply Immediately, This pre-plant treatment will also control office and the control of t 1 to 3 qts, per acre as a foliage spray in a minimum of 100 pers of water Do not - cutworms (surface and subterranean) mole crickets, not magnets, and wire - following list application. Clin forage may be fed to dairy and beef lattle and longer to order normal longer acre as a foliage spray in a minimum of 100 pers of water Do not - cutworms (surface and subterranean) mole crickets, not magnets, and wire - following list application.

treatment. Alfaifa Wesyll Larvae-For control in the spring, apply 2 to 3 pts. per acre when feeding damage to growing tips 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 two days. Do not cut for hay for ten days following treatment. Do not spray livestock directly with either air or ground equipment. Do not treat du bloom to avoid injury to pollinating insects.

CLOVER: Striped Ground Crickets-Broadcast 1 to 2 pts. 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 1/2 to 1 pt. per acre. Corn Leaf Aphids—Apply 1 to 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, Grasshoppers. Apply 1 pt. per acre. Sap Beetles. Apply 2 to 2-1-2 pts. per acre. Add 1 to 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 forage may be fed to dairy and beef cattle and

COTTON: Spider Mites, Aphids, Leafhoppers, Lygus, Cotton Leafworms, Cotton Leaf Perforators Apply 1 to 2 pts, in 5 to 25 gals, of water per acre. Repeat as infestation warrants. Do not apply within 14 days of harvest. Do not graze treated cotton plants or feed gin wastes to livestock.

HOPS: Aphids, Mites Apply 1 qt per acre. Do not apply within 14 days of

SORGHUM: Use a minimum of 1 gal, of water for aerial applications and 5 gals, of water for ground applications. Sorghum Midge Apply 1/2 to 1 pt. per acre when 90% of heads have emerged from the boot. Repeat application within four 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 1.2 1, 1 pt. per acre. All Other Areas. Apply 1 pt. per acre. Crop may be fed to vestock immediately following treatment. Do not apply within seven days of harvesting for grain.

SUGAR BEETS: Leathoppers, Dipterous Leaf Miners, Aphids Apply 3 4 to 1 pt, per acre. Grasshoppers. Apply 1 pt. per acre. NOTE: Tops may be fed to beef

SUGARCANE: Aphids Apply 1/2 to 1 pt. per acre. Allow one day between ast application and harvest. Bagasse and forage may be fed to livestock.

TOBACCO: Aphids, Flea Beetles | Apply 1/2 to 3/4 pt. per acre. Do not apply within three days of harvest. Grasshoppers. Apply 1 pt. per acre. Do not apply within 14 days of harvest.

### FIELD AND FORAGE SOIL INSECTS

Unless otherwise stated, soil applications of DIAZINON AG-500 should aways be applied to field and forage crops as a spray in a minimum of 5 gats, of vater per acre for ground applications.

ALFALFA AND CLOVER: Cutworms (Surface and Subterranean). Broadcast 14 gts, per acre just prior to planting. Work into the soil immediately 2.3 inches fir surface cutworms, 3-6 inches for subterranean cutworms.

CORN: Corn Rootworm Larvae Band Application at Planting Time: Apply 1.2 gts, per acre. Make application in the seed furrow or apply 2. to 5 oz. per 4.000 linear feet of corn row in a 4.7 inch band directly behind the planter shoe. For band treatment refer to the row spacing chart for amount recommended per aire. Postemergence Basal Treatment: Apply 1:4 to 2:2 oz. per 1,000 linear feet of corn row in sufficient water to thoroughly wet base of corn plant and a narrow band of soil next to the plant. Pefer to the row spacing chart for amounts recommended per acre. Cover treated band with 2.3 inches of soil using a disk-Filter or cultivator immediately after spraying. Application should be made at the first sign of corn rootworm larvae, but no later than June 24 in the Middle Corn Relt, or July 1 in the Northern Corn Belt.

### Suggested Rates According to Row Spacing For Corn Rootworm Larvae Control

Row Spacing	Linear feet of Corn row/acre	Planting time Application	Postemergence basal treatment
48"	10,890	28 56 ac.	14-28-02.
490	12,455	31.62 02	15 5 31 62
40.,	13,068	32 64 02 (1.2 945)	16-32 62 (10)
3 <b>8</b> ''	13,939	35 70 02.	17.5-35 oc.
36**	14,250	56. 7 1 m	18 36 oz.
30	17,424	44 88 02	27.44 62.
24"	21,780	55 110 77.	7.5.55 02.
2011	26. 1 36	64 1.28 oz. (2.4 ats.)	32 64 92. (1.1.148)
15"	34,848	38 176 WZ	14 88 o

Broadcast 2.4 gts, per acre of prior to planting. Work into the son. NOTE For row spacing not listed, calculate the appropriate dosage based on the

Seed from Maggots, Broadcast 2.4 gts, per acre just prior to planting 2.4 mm, lifeet wide. Repeat applicat  $\sim m$  suit t inches immediately. Cut  $\omega$  a ms (Surtalle and Subterrarear). Billiad last 1.1 gts. per acre, For surface cut words apply just prior to printing or when larvae ted appear and work into sail of inches immediately. Do to? apply ofter

myby. For subterranean cutworms upply just prior to planting and with interest. 26 inches immediately. Wirewarms. Apply 3.4 gts per acre prior to pranting and 1. Bit HTV, 1917NESS. FOR.

ORNAMENTAL INSECT ( To control certain inse Carnation, Chrysanthemun per, Lilac, Locust, Maple, ( and Willow, apply the recor

Aphids Bagwornis, Carn tion Shoot Mites, Clove Dipterous Leaf Miners, Moths, European Red N Bud Moths, Leafhoppers Omnivorous Leat Tiers, ers (Cottony-Cushion, Le Jose, Soft Scale), Thrips, worms, Whiteflies

Apple-and Thorn Skeletc worms, Falt Webworms, Loopers, Oblique-banded 1 Tent Caterpillars

\*1 fl. oz. 2 tablespoor 16 ff, oz. - 1 pint Do not use on certain F

Since injury to the plants m Mimosa Webworms Mi water) and apply as a tho second and third application

### LAWN INSECT CONTROL

To control insects list Anis, Brown Dog Ticks, Sowbugs and Collembola ( and may enter the house. as the house foundation w if necessary.

Insects Lawn Chinch Bugs	<b>Dia</b> ? 3
Ants, Armyworms, Clover Mites, Collem- bola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Fruit Elies, Lawn Bill- bugs, Sod Webworms (Lawn Moths), Sow- bugs	4
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers	1
Millipedes	8
Rhodes grass Scales	5
Atternately make appi water immediately foll	

Boxelder Bugs Spray ito 5 tablespoons) in 1 ga foundation, windows, dog the inserts hide

### FOREST INSECTS

PINE ISEED ORCHA (Labi-Hy Sawtly) Apply inhould be made at or near the made with a numerium

WESTERN FARM SERVICE, INC., 2401 Crow Canyon Road, SAN RAMON, CA. 945

# NON AGE TOUT Dependent of certain insects on fruits, nuts, between the properties of certain insects on fruits, nuts, nuts, and or certain insects on fruits, nuts, nuts

TVICE DIAZINON BY AG-5 MAY 1 6 1975 ACTIVE INGREDIENTS 4-primidinyi) phosphorothicate . . . . . . 48.0 the registered tradeling cother Endership Inserticide Xylete.

Fungicide, and Endenticide HERT INGREDIENTS · · · · · · · · · · · · · · · 12.? as amended, for the pesticide A Res. No. 11656-18 TOTAL 100.0

### WARMING TEACH OF CHILDREN.

toxic to fish, shrimp.

mas may be killed. Keep

hrimp and crab may be

not apply where these

likely to occur. Do not

treated. Do not con-

of wastes. Apply this

reatment or residues on

our State Agricultural

tory by perforation or

ipplies. If empty drum,

ers in accordance with

set a five-day relentry

Five days should lapse

may enter the field to

treated foliage. When a

pplied in combination,

applicable interval an

per 100 gats, of water,

**LINON** plus 2 to 3 gals.

bray. Almond hulls may

p-Spotted Spider Mites,

per 100 gals, of light

**When scate crawlers are:** 

rater. Apply as a cover-

Blueberry Maggors.

Lof water, Apply up to

**RIES,** DEWBERRIES,

L. Aphids. Two-Spotted

inimum of 100 gais, of

**Is** when blossom buds

issoms open. Dryberry

ie ground and buds are:

Ispberry Crown Borers

mum of 100 gals, water.

**>ply e**ither in the spring

Rollers Mix I pt, per

**lg**inning with petal fall,

ree to tive applications.

ing season, or apply as

per 100 gals, of water

erry fruit flies begin to

hids Mix 1 pt per 100.

lar and repeat after ten-

water, Apply during the

ply within ten days of

ls, of water Apply is a

I. ORANGE'S TANGE:

. AND HYBRIDS OF

Cushion Scale Crawlers

water (maximum 1000)

Ms, of water, Apply as a

**ell deve**loped, but stil

of harvest.

of harvest

skin. Do not breathe PINEAPPLES: Scales Apply 5 qts, of DIAZINON AG-500 plus 2 gats, of light Wash thoroughly after or medium horticultural oil in 500 gals, of water per acre to the vegetative slips on nans or permit children the plants following harvest of pineapple, Mealybugs. Apply 2 qts, per acre in a d. Keep out of reach of minimum of 100 gals, of water. May be applied on day of harvest, Pineapple ehold pets or livestock. forage and refuse may be fed to livestock seven days following last application. s completely dried.

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, Thistie Aphids Apply: to 1 pt. per 100 gals, of water. Do not apply within ten days of harvest.

STRAWBERRIES: Aphids, Two-Spotted Spider Mites Apply 1 pt. per 100 gals, of water per acre. Cyclamen Mites. Apply 1 qt, 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 gt. per acre when insects are present. Apply one to two days before transplanting and mix into the top 1 to 2 inches of soil immediately. Strawberry Leaf Rollers Mix: to 1 pt. per 100 gals. of water. Apply 200 gals, of spray per acre when blossoms show color. Do not apply within five days of harvest.

WALNUTS: Aphids, Mites Apply I qt. per acre as a foliage spray in a minimum of 100 gals, of water, Codling Moths, 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 husks open.

### **VEGETABLE FOLIAR INSECTS**

Unless otherwise stated, foliar applications of DIAZINON AG-500 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 to 10 pts. per acre. Cucumber Beetles Apply 32 pt. in 100 gals, of water per acre. Do not apply within seven days of bean harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait four days following treatment if forage is to be cut for hav-

LIMA BEANS: Dipterous Leaf Miners, Leafhoppers, Mites Apply 1 pt. per acre. Do not apply within seven days of harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait four days following treatment if forage is to be cut for hay.

BROCCOLL, CABBAGE AND CAULIFLOWER. Aphids, Diamondback Moths, Imported Cabbageworms. Apply -: to 1 pt. per acre. Applications at seven to ten-day intervals will usually be required. Do not apply to broccoli or cauliflower within five days, or to cabbage within seven days of harvest.

BRUSSELS SPROUTS: Aphids, Diamondback Moths, Imported Cabbageworms. Apply 1 pt. per acre, Generally, applications at seven to ten-day intervals. will be required. Do not apply to brussels sprouts within seven 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, Donot apply within 10 days of harvest. Plants should be market 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, Corn. Earworms-Apply to 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 1: to 1 pt. per acre. Do not apply within 10 days of harvest

MELONS AND SQUASH (CANTALOUPES, CASABAS, CRANSHAWS, HONEYDEW MELONS, MUSKMELONS, PERSIAN MELONS, AND HYBRIDS OF THESE; WATERMELONS AND THEIR HYBRIDS: SUMMER AND WIN-TER SQUASH). Aphids, Leafhoppers, Mites Apply 1 to 11/2 pts. per acre. Serpentine Leaf Miners, Thirps Apply -. to 1 pt. per acre, Do not apply to melons and winter squash within 3 days, or to summer squash within 7 days of

MUSHROOM HOUSES. Mushroom Flies (Phnorids and Sciends)—Mix 1/6 to 1 gal. in 50 gals. or water (0.5% to 1.0% actual DIAZINON) 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 freat wooden sides of beds, posts, doors and door frames after pasteurizing, mix 1/2 pt. in 6 gals, of water and apply with a brush. Do not treat compost,

ONIONS Onion Threps: Apply 1 pt. per acre. Do not apply within 10 days of

PEAS: Applieds, Leaf Miners-Apply 1, to 1 pt. per acre. Peas may be picked manediately. Pea vines and pea vine hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

apply within 5 days of harvest.

COLE CRICKETS

Radisties Stoccola Collard Lettuce Tomat a Endive (escarole) - Mustard Bro sets Sprouts Peppers Turnib cabbijae Kate cauliflower

Broadcast 1 qt. per acre when insects are present. Make application to plant tieds 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 at, per acre in sufficient water to drench the seed furrow at planting time, Broadcast Application, Broadcast 254 qts, per acrejust prior to planting. Work into and 3-4 inches immediately **ROOT MAGGOTS:** 

Broccoli, Brussels Sprouts, Cabbage and Cauliflower:

Broadcast Application Broadcast 2-3 gts, 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 1/4-1/2 pt. in 50 gals, of transplant water when 200-300 gals, of water are used per acre. May be applied at the rate of 1/2 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. Fransplant water treatments may result in stand reduction due to plant stress at time of transplanting, Radishes. Mix 1 gt, in 50 gals, of water, Apply 80-100 gals, per acre-(1 to 1-1/3 gals, per 1,000 linear feet of row) in the seed furrow at planting time. WIREWORMS

Broccoti	Collards	Onions	Summer Squash
Brussels Sprouts	Cucumbers	Parsley	Sweet Corn
Cabbage	Endive (escarole)	Peas	Sweet Potatoes
Cantaloupes	Kale	Peppers	Swiss Chard
Carrots	Lettuce	Potatoes	Tomatoes
Cauliflower	Lima Beans	Snap Beans	Watermelons
Celery	Muskmelons	Spinach	Winter Squash
D	4 -44		

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

POTATOES: Wireworms Broadcast 3 to 6 gts. per acre prior to planting. Immediately disk or harrow into soil 4 to 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 to 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 to 6 inches of soil, depending on location of

### FIELD AND FORAGE FOLIAR INSECTS

Unless otherwise stated, foliar application of DIAZINON AG-500 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 Bug Nymphs, Mites-Apply 3/4 to 1 pt. per acre. Grasshoppers Apply 1 pt. per acre. Following the above applications, dairy and peef 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 hay for seven days following \*reatment. Alfalfa Weevil Larvae-For control in the spring, apply 2 to 3 pts. per acre when feeding damage to growing tips 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 two days. Do not cutfor hay for ten 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 Crickets-Broadcast 1 to 2 pts, per agre 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 1.2 to 1 pt. per acre. Corn Leaf Aphids -Apply 1 to 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. Grasshoppers. Apply 1 pt. per acre. Sap Beetles. Apply 2 to 2-1-2 pts. per acre. Add 1 to 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 **ollowing last application**. Corn forage may be fed to dairy and beef cattle and sheep.

COTTON: Spider Mites, Aphids, Leafhoppers, Lygus, Cotton Leafworms, Cotton Leaf Perforators. Apply 1 to 2 pts. in 5 to 25 gals, of water per acre-Repeat as infestation warrants, Do not apply within 14 days of harvest. Do not graze treated cotton plants or feed gin wastes to livestock.

HOPS: Aphids, Mites Apply 1 gt per acre. Do not apply within 14 days of harvest.

SORGHUM: Use a minimum of 1 gal, of water for aerial applications and 5 gals, of water for ground applications, Sorghum Midge, Apply 1.2 to 1 pt, peracre when 90% of heads have emerged from the boot. Repeat application within four 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. Fexas and Oklahoma. Apply 1.2 to I pt per acre. All Other Areas. Apply 1 pt per acre. Crop may be fed to livestock immediately following freatment. Do not apply within seven days of

SUGAR BEFTS: Leafhoppers, Dipterous Leaf Miners, Aphids. Apply 3-4 to 1. pt per acre. Grasshoppers. Apply 1 pt, per acre. NOTE. Tops may be fed to beef and dairy animals.

SUGARCANE, Aphids. Apply 1/2 to 1 pt, per acre, Allow one day between

COMPEAS Cutworms (Surface and Subterranean) Broadcast 2.4 gts. perarre, just prior to planting, work into the soil immediately, 2.3 inches for surface. cutworms, 3-6 inches for subterranean cutworms,

TESPEDEZA Cutworms (Surface and Subterranean). Broadcast 9-4 gts, per acre lust 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 fridage 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 gts. 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 work into soil 4-8 inches immediately. Tops may be fed to beef and dairy animals.

SUGARCANE: 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

TOBACCO: Cutworms—Broadcast 2-3 qts. per acre before transplanting and work into the soil 2-4 inches immediately. Green June Beetle Larvae Mix apt. in 50 gals, of water and apply as a Counch (100 gals, per 100 sq. yds.) to uprooted areas of plant beds with sprinkling can. Mole Crickets. Broadcast 1 qt. per acrewhen insects are present. Make application to begs or fields 1-2 days prior to sowing of seed or transplanting, and work into soil 1-2 inches immediately. Seed-Corn Maggots-Broadcast 3 pts. per acre 3-4 weeks before transplanting, Work into soil 2 inches immediately. Wireworms Broadcast 2-3 qts, per acre 3-4 weeks before transplanting. Work into soil 6-9 inches immediately.

### RANGE, PASTURE, AND GRASSLAND INSECTS

Unless otherwise stated, DIAZINON AG-500 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, and (3) forage grasses may be cut for hay 7 days following treatment.

RANGELAND, PASTURE, DITCH BANKS, ROADSIDES, WASTELAND, NONCROP AREAS, AND BARRIER STRIPS: Grasshoppers Apply 3-4-1 pt. per acre in water or oil (minimum of 1 gal, of oil per acre) when insects first appear. preferably in the hymphal stage. 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, Azaiea, Birch, Boxwood, Camelia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiola, Hawthorn, Hilly, Juniper, Ellac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Tise, Spruce, and Willow, apply the recommended rates indicated below.

!	Insects	•	Rate per 100 gals, water
	Aphids, Bagworms, Carnation Bud Mites, Curnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Miners, European Pine Shoot Moths, European Red Mites, Flea Britles, Holly Bud Moths, Leafhoppers, Obscure Root Weevos, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony-Cushion, Lecanium, Pine Needle, San Jose, Soft Scale), Thrips, Two Spotted Mites, Web worms, Whiteflies		1 ::: *
1	Apple-and Thorn Skeletonizers, Cotoneaster Web- worms, Fall Webworms, Hemfork Chermes, Oak- Loopers, Oblique banded Leaf Pollers, Pear Sings, Tent Caterpillars	: 1 tho: 1	t to the state of
	*1 ft, oz 2 tablesprions	•	

16 ft, oz 1 pint

Do not use on certain Ferns, Poinsetha, Hibisco (1994), Pred Since injury to the plants may order

- Mimosa Webworms - Mix-1-2 ft loz in 3 gats, of water (in , pt in 100 gats life water) and apply as a thorough foliage spray when adults first appear the a second and third application at 4% week intervals.

### LAWN INSECT CONTROL

To control insects listed below, apply recommended rates. For a set is at Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbiigs and collembola (Springtails), which are commonly found near the Souse. and may enter the house, spray a five foot band of soil around the house, as wellas the house foundation wall to a height of two to three feet. Repeat application of necessary.

Bata/1 000 as 44

PEPPERS: Aphids, Serpentine Leaf Miners Apply W pt. per acre. Do not

POTATOES: Askids, Flee Beeties, Colorado Potato Sectios Dinterous Leaf

liast application and harvest. Hagasse and forage may be fed to livestock.

it spray. Almond hulls may

Two-Spotted Spider Mites, pt. per 100 gals, of light ly when scale crawlers are of water. Apply as a cover days of harvest. rms, Blueberry Maggots,

gais, of water, Apply up to lays of harvest.

ERRIES, DEWBERRIES, irips, Aphids, Two Spotted minimum of 100 gals, of rates when biossom buds blossoms open. Dryberry O gals, of water. Apply as a n the ground and buds are well developed, that still Raspberry Crown Borers ninimum of 100 gals, water Apply either in the spring

Leaf Rollers Mix 1 pt. per beginning with petal fall. three to five applications towing season, or apply as pt. per 100 gals, of water. t cherry fruit flies begin to Aphids Mix 1 pt, per 100 ppear and repeat after ten of water. Apply during the apply within ten days of gals, of water. Apply as a

MES, ORANGES, TANGE-ITS, AND HYBRIDS OF iny-Cushion Scale Crawlers . of water (maximum 1000 and crawler stages of scale 1 pt. per 100 gals, of spray 50 percent of eggs in egg 11 pt. in 100 gals, of water bear, Citrus Snow Scales 1000 gals, per acre) as a ivy snow scale infestations,

trunks, limbs and twigs is o citrus within 21 days of rates recommended on this Inothis sulfureana)—Apply rorms Apply 3 qts. in 400

of harvest. it Beetles Apply 1 pt. per 1 to 2 ats. in 250 to 400

e Berry Moths, Grape Leaf of 100 gals, of water as a ys of harvest. Drosophila of 100 gais, of water as a appear. Make additional pply within seven days of

IN AG-500 plus 11/2 gals, of of water. Apply as a cover avoid injury to pollinating

Aites (Clover Mites), Twonie Crawlers-Mix 1 pt. per crawlers first appear. Olive us 1., gals, light medicim scale crawlers are present. r and apply at 100-, petat day intervals. Time the last of possible. Peach Twig. peaches in May and June, tigh the growing season, or IES Only As a post-harvest GARDEN SYMPHE YANS (Centipedes) ed to coincide with peak. Cabbage of heavy infestations, two carrots hes within 20 days, or to Corn

cauliflower wir...n five days, or to cabbage within seven days of harvest.

BRUSSELS SPROUTS: Aphids, Diamondback Moths, Imported Cabbageworms-Apply 1 pt. \* acre. Generally, applications at seven to ten-day intervals will be required. Do not apply to brussels sprouts within seven days of harvest.

CARROTS: Aphids Apply 1 pt, per acre. Do not apply within 10 days of

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 feed or food. COLLARDS, KALE, SWISS CHARD, AND TURNIP TOPS. Aphids, Imported

Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs, Corn Earwor**ms**— Apply 17 to 1 pt. per acre. Do not apply to collards, Fale, 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 Leat Miners -Apply to 1 pt. per acre. Do not apply within 10 days of harvest.

MELONS AND SQUASH (CANTALOUPES, CASABAS, CRANSHAWS, HONEYDEW MELONS, MUSKMELONS, PERSIAN MELONS, AND HYBRIDS OF THESE; WATERMELONS AND THEIR HYBRIDS; SUMMER AND WIN-TER SQUASH): Aphids, Leafhoppers, Mites Apply 1 to 1½ pts. per acre. Serpentine Leaf Miners, Thirps Apply 12 to 1 pt. per acre. Do not apply to meions and winter squash within 3 days, or to summer squash within 7 days of

MUSHROOM HOUSES: Mushroom Flies (Phnorids and Sciarids)—Mix 1/2 to 1 gal, in 50 gals, of water (0.5% to 1.0% actual DIAZINON) 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, doo**rs 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

PEAS: Aphids, Leaf firers-Apply is to 1 pt. per acre. Peas may be picked immediately. Pea vines in it pea vine 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 Leaf Miners-Apply & pt. per acre. Do not apply within 5 days of harvest.

POTATOES: Aphids. Flea Beetles, Colorado Potato Beetles, Dipterous Leaf Miners Apply at the rate of 12 to 44 pt. per acre. Banded Cucumber Beetles, Leafhoppers, Southern Armyworms -Apply % to 1.0 pt. per acre. Do not apply within 35 days of harvest.

RADISHES, PARSNIPS AND TURNIPS: Aphids, Flea Beetles, Dipterous Leaf Vin**ers--Apply ½ to 1 pt. per acre.** Do not apply within 10 days of harvest.

SPINACH AND BEETS: Aphids, Dipterous Leaf Miners Apply to 1 pt. per acre. Do not apply to spinach within 10 days, or to beets with a 14 days of

SQUASH (SUMMER AND WINTER): See Melons and Squash Section

SWEET CORN: Corn Earworms—Apply 1 to 1-; qts, per acre when silvs first appear. Two or three repeat applications at 2 to 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 Foliar Insects and Field and Forage Soil Insects.

TOMATOES: Aphids, Dipterous Leaf Miners Apply . pt. per acre. To control leaf miners weekly applications are usually required. Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms Apply : to 1 pt. per acre. **Vineg**ar Flies (Drosophila spp.) Apply  $\mathbb{R}$  to  $\mathbb{1}$  , pts. per acre. Weekly applications: are usually required. Do not apply within 1 day of harvest.

WATERCRESS (HAWAII ONLY): Cyclamen Mites. Mix 1 pt. per 100 gals, of water and apply to one acre as a thorough cover spray. Spray should be directed. **into the c**rowns and growing tips of plants if infestation is neavy, 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 DIAZINON AG-500 should always be applied to vegetable crops as a spray in a nonimum of five gail. If water per acre for ground applications.

CUTWORMS (Surface and Subterranean)

CO 1 44 2 11 14 12 1 10 1	Thee did still end and	·· <b>)</b> ·	
Broccoti	Collards	Musk meton:	Spinach
Brussels Sprouts	Cucumbers	Parsley	Summer Squast
Cabbage	Endive (escarole)	Peas	Sweet Carn
Cantaloupes	Kale	Peppers	Swiss Chard
Cauliflower	t ettuce	Potatoes	Tomatoes
Celery	Lima Bearis	Snap Beans	Watermelons
			Marter Squash

Broadcast 0.4 gts, per acre light prior to planting. Work into the soil of water in three to five immediately. 2.3 inches for surface outworms, 3-6 inches for subterrinean. 40 inch row figure.

Cut worms.

Radishes Lettace Tomathes Peas Red Beets Turnips Pole Beans Shap Beans

Broadcast 10 dts per acre just prior to planting, Work into soit 4.8 inches Nathur Caterpolars. Apply Immediately. This pre-plant treatment will also control other soil the use of the 100 gals, of water. Do not cutworms (surface and subterranean) mole or kets, roof maggots, and wire- following last application corn forage may be fed to dairy and herficattle and product under normal conditions in a cord with the statements hade on the

TO STORME SING DECOMES EXIGNIC. REDEAL ADDITION IT necessary. If damage is aireedy extensive, cut the hay and make application to the stubble. Do not graze dairy and beef animals or sheep for two days. Do not cut for hay for ten 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 Crickets—Broadcast 1 to 2 pts. 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 1/2 to 1 pt. per acre. Corn Leaf Aphids-Apply 1 to 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, Grasshoppers. Apply 1 pt. per acre. Sap Beetles. Apply 2 to 2-1-2 pts. per acre. Add 1 to 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 carays. Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and

COTTON: Spider Mites, Aphids, Leafhoppers, Lygus, Cotton Leafworms, Cotton Leaf Perforators Apply 1 to 2 pts. in 5 to 25 gals, of water per acre. Repeat as infestation warrants. Do not apply within 14 days of harvest. Do not graze treated nothing plants or feed gin wastes to livestock.

HOPS: Aphids, Mites Apply 1 qt. per acre. Do not apply within 14 days of

SORGHUM: Use a minimum of 1 gal. of water for aerial applications and 5 gals, of water for ground applications, Soighum Midge. Apply 1/2 to 1 pt. per acre when 90% of heads have emerged from the boot. Repeat application within four days. Mites. Apply 1 pt. per acre when estation 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 1.2 to 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 seven days of

SUGAR BEETS: Leafhoppers, Dipierous Leaf Miners, Aphilds Apply 3.4 to 1. pt. per acre. Grasshoppers - Apply 1 pt. per acre. NOTE: Tops may be fed to beef

SUGARCANE: Aphids Apply 1/2 to 1 pt. per acre. Allow one day between last application and harvest. Bagasse and forage may be fed to livestock.

TOBACCO: Aphids, Flea Beetles Apply 1/2 to 3/4 pt. per acre. Do not apply within three days of harvest, Grasshoppers. Apply 1 pt. per acre. Do not apply within 14 days of harvest.

#### FIELD AND FORAGE SOIL INSECTS

Unless otherwise stated, soil applications of DIAZINON AG-500 should always be applied to field and forage crops as a spray in a minimum of 5 gals, of water per acre for ground applications.

ALFALFA AND CLOVER: Cutworms (Surface and Subterranean) Broadcast 2.4 qts, per acre just prior to planting, Work into the soil immediately 2-3 inches ter surface cutworms, 3-6 inches for subterranean cutworms.

CORN: Corn Rootworm Larvae Band Application at Planting Time: Apply 1-2 qts, per acre. Make application in the seed furrow or apply 2% to 5 oz, per 0.000 linear feet of corn row in a 4.7 inch band directly behind the planter shoe. For band treatment refer to the row spacing chart for amount recommended per acre. Postemergence Basal Treatment: Apply 114 to 212 oz. per 1,000 linear feet of corn row in sufficient water to thoroughly wet bale of corn plant and a narrow band of soil next to the plant. Refer to the row spacing chart for amounts recommended per acre. Cover treated band with 2-3 inches of soil using a disk tiller or cultivator immediately after spraying. Application should be made at the tirst sign of corn rootworm larvae, but no later than June 24 in the Middle Corn Belt, or July 1 in the Northern Corn Belt.

### Suggested Rates According to Row Spacing For Corn Rootworm Larvae Control

Row Spacing	Linear feet of Corn row/acre	Planting time Application	Postemergence basal treatment
48"	10,890	. 8-56 oz.	14-28-62.
42"	12,455	31 60 oc.	15.5 31 97.
40	13,068	32-64 bz. (1.2 ats.)	16-32 oc. ( -1 at )
38''	13,939	35-70 02	17.5 35 oz
36"	14,250	36 7.3 02.	18 36 oz.
÷	17,4.14	44-88 oz.	73.44 oz
.?.	1,780	95 110 oz.	7.5-55-02
.`O`	26,156	64 128 oz. (2.4 qtr.)	3.1 to 4 to 2. (1 . 25)
15"	34,848	58 176 OZ	44 88 oz.

NOTE For row spacing not listed, calculate the appropriate dosage based on the

Seed Corn Maggots, Broadcast 2-4 qts, per acre just pri ir to planting 🛷 🕬 the seal 2 arches immediately. Cutworms, Surface and Subterracean). Broadcast 4 gts, per acre, flor surface ristworms aprily just prior to planting or when larvae first appear and work into soil 1.2 inches immediately. Do not apply later than layby. For subterranean cutwore 5 apply just prior to planting and work into the . Constant immediately, Were virus. Apply 3.4 gts. per acception to plantical and - BILLEY, SITNESS FOR, ANY PURSOSE, OR OTHER $\Delta$ ISE. EXPRES

ORNAMENTAL INSECT CONTROL

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

	Insects		Rate per 100 gals, water	
1 : 1	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 Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony Cushion, Lecanium, Pine Needle, San Jose, Soft Scile), Thrips, Two Spotted Mites, Web worms, Whiteflies		1 0: *	
1 1 1	Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars	[ 1 fl. oz.   	3 pts.	:
	<ul> <li>1 ft. oz. 2 tablespoons</li> <li>16 ft. oz. 1 pint</li> <li>Do not use on certain Ferns, Poinsettia, Hibiscus, I</li> </ul>	Papaya, Pilea,	and Gardenia,	

since injury to the plants may occur.

Mimosa Webworms Mix 1/2 fl. oz. in 3 gals, of water (or 1 pt. in 100 gals, of water) and apply as a thorough foliage 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 Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs and Collembola (Springtails), which are commonly found near the house. and may enter the house, spray a five-fcot band of soil around the house, as well as the house foundation wall to a height of two to three feet. Repeat application

Insects	Rate/1,000 Diazinon AG-500	-	Remarks
Eawn Chinch Bugs	2-3 ft. oz. or 3-6 ft. oz.	25 gals. *	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Clover Mites, Collembola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Fruit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs	, 4 ft. oz		Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment.  For fruit flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers	1) : ft, oz.	3 gals. 1	Do riot apply to animals. For brown dog ticks, spray grass and under strubbery, particularly near houses.
Millipedes	8 ff. oz.	3 gats, i	
Rhodes grass Scales	5 fl. oz. 	.25 gals.*   	Apply when rawlers tirst emerge

\*Alternately make application in 3 gals, of water per 1,000 cg. ft, and \*\* Programs water immediately following application.

Burelder Bugh Spray high outside the nome with 1.2.4% - 1.7% - 1.7%to 5 tablespooning in 1 gall water. At the same time, thoroughly pray around foundation, windows, doors, tree trunks, and into cracks and other policy wherethere in ects bide

### FOREST INSECTS

PINE MEED OF HARDS PLANTATIONS, FORESTS Assault Gavity. (Lobially Sawfly). Apply 1.2 pt. per acre over the free language with the ishilald the made at or near the completion of egginate . Aerial upplies (5.00%, 3.00%)be made with a nanimum of 2 gals, of spray per aire, in swatte in the contribution feet wide. Repett application as needed.

### NOTICE OF WARRANTY

WESTERN FARM SERVICE MAKES NO WARRANTY OF MERCHANTA

STERN FARM SERVICE, INC., 2401 Crow Canyon Road, SAN RAMON, CA. 94583

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