



3051-74

DIAZINON[®] AG500

Read This Label Carefully

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)	48.0%
phosphorothioate	
Xylene	38.7%
INERT INGREDIENTS:	12.3%
Total	100%

AGCO Diazinon[®] AG500 contains 4 lbs. Diazinon per gallon.
Diazinon[®] is the registered trademark of CIBA-GEIGY Corporation.

WARNING:

KEEP 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 livestock. Do not permit pets to go on to sprayed grass until spray has completely dried.

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. Do not apply when weather conditions favor drift from areas treated or where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of waste. 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.

Do not reuse empty container. Destroy by perforation or crushing and burying in a safe place.

CAUTION: INFLAMMABLE MIXTURE

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

CROP USE DIRECTIONS

USE ONLY ACCORDING TO ATTACHED LABEL BOOKLET INSTRUCTIONS

NET CONTENTS ... GALLONS

AGRICULTURAL PRODUCTS COMPANY, INC.

EPA EST. NO. 3051-NM-1
MESQUITE, NEW MEXICO

EPA Reg. No. 3051-74
ARTESIA, NEW MEXICO

NOTICE TO BUYER: Seller warrants that this product conforms to the chemical composition on the label thereof and is reasonably fit for purposes stated on label, but does not extend to use of this product contrary to label use directions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, buyer assumes all risk of any such use. Seller makes no other warranties, expressed or implied.

3051-74
ACCEPTED
FEB 4 1975
UNDER THE FEDERAL INSECTICIDE ACT
PURSUANT TO THE ORDER OF THE
FOR ECONOMIC POLICY REFORMS
ED UNDER THE FEDERAL INSECTICIDE
TO ATTACHED CO. 10015.



DIAZINON[®] AG500

Insecticide

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O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate 48.0%
Xylene 38.7%

INERT INGREDIENTS: 13.3%
Total 100%

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Diazinon per gallon

Complete Directions for use.

IMPORTANT: Read entire Directions for Use &
Notice to Buyer before using this Product.

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GEIGY Corporation.

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EPA Reg. No. 3051-74

**Use contents within 6 months
after opening. Keep tightly
closed.**

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GENERAL INFORMATION

AGCO Diazinon AG500 is an emulsifiable solution which when diluted with water according to the directions below, is intended for the control of insect pests of agricultural crops. Do not use in barns or dwellings. Do not use on livestock. In the directions for use given below, unless otherwise noted. AGCO Diazinon AG500 should be mixed with sufficient water to assure thorough coverage. Best control is obtained when application is made at first sign of insects. Applications should be repeated as necessary to maintain control.

FRUIT AND NUT CROPS

Cherries

Black Cherry Aphids: Mix 1 pt. per 100 gals. of water. Apply as a cover spray when aphids appear and repeat after 10 days.

Dan 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.

Grapes

Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leaf Folders: Mix 1 pt. per 100 gals. of water and apply as a thorough cover spray, or apply 2 pts. per acre in sufficient water for thorough coverage. Do not apply within 18 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.

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 Borers: 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.

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 Qts. per acre as a foliage spray. Do not apply after husks crack.

VEGETABLE FOLIAR INSECTS

AGCO Diazinon AG500 should always be applied as a spray in sufficient water to assure thorough coverage of the foliage.

Beans

Pole Beans, Snap Beans

Black Bean Aphids, Mexican Bean Beetles, Leaf Miners: Apply 1-1½ pts. per acre.

Cucumber Beetles: Apply ½-¾ pt. in 100 gals. of water per acre.

Do not apply within 7 days of bean harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

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.

Collards, Kale, Swiss Chard, and Turnip Tops

Aphids, imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs, Corn Earworms: Apply ½-1 pt. per acre. Do not apply to collards, kale, or turnip tops within 10 days, or to Swiss Chard within 12 days of harvest.

Lettuce and Endive

Aphid, Dipterous Leaf Miners: Apply ½-1 pt. per acre. Do not apply within 10 days of harvest.

Melons and Squash

Cantaloupes, Casabas, Crenshaws, Honeydew Melons, Muskmelons, Persian Melons, and hybrids of these; Watermelons and their hybrids; Summer and Winter Squash Aphids, Leafhoppers, Mites: Apply 1-1½ 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.

Onions

Onion Thrips: Apply 1 pt. per acre. Do not apply within 10 days of harvest.

Peas

Aphids, Leaf Miners: Apply $\frac{3}{4}$ -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 $\frac{1}{2}$ pt. per acre. Do not apply within 5 days of harvest.

Radishes, Parsnips, and Turnips

Aphids, Flea Beetles, Dipterous Leaf Miners: Apply $\frac{1}{2}$ -1 pt. per acre. Do not apply within 10 days of harvest.

Spinach and Beets

Aphids, Dipterous Leaf Miners: Apply $\frac{1}{2}$ -1 pt. per acre. Do not apply to spinach within 10 days, or to beets within 14 days of harvest.

Tomatoes

Aphids, Dipterous Leaf Miners: Apply $\frac{1}{2}$ pt. per acre. To control leaf miners, weekly applications are usually required.

Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms: Apply $\frac{3}{4}$ -1 pt. per acre. Do not apply within 1 day of harvest.

VEGETABLE SOIL INSECTS

Diazinon AG500 should always be applied as a spray in sufficient water to assure thorough coverage of the soil.

Onion Maggots

Onions

Furrow application: Apply 1 qt. per acre in sufficient water to drench 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.

FIELD AND FORAGE INSECTS

Diazinon AG500 should always be applied as a spray in sufficient water to assure thorough coverage of the foliage or soil, depending on the type of application.

Alfalfa and Clover

Spotted Alfalfa Aphids, Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bug Nymph, Mites: Apply $\frac{3}{4}$ -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 hay for 7 days following treatment.

Alfalfa Weevil Larvae: For control in the spring, apply 2-3 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 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.

Corn

Corn Leaf Aphids: Apply 1-2 pts. per acre in sufficient water to provide complete coverage of the upper portions of plants. Repeat application as necessary.

Mites: Apply 1 pt. per acre in sufficient water to achieve thorough coverage when infestation first appears and repeat applications as necessary.

Corn may be picked immediately following 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 1-2 pts. in 5-25 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 waste to livestock.

Sorghum

Sorghum Midge: Apply 1/2-1 pt. per acre when 90% of heads emerged from the boot. Repeat application within 4 days. See note.

Mites: Apply 1 pt. per acre in sufficient water to assure thorough coverage when infestation first appears, and repeat applications as necessary. See note.

Greenbug: Apply at the rates indicated below in a minimum of 10 gallons of water per acre for ground applications or apply in a minimum of 2 gallons of water per acre for aerial applications. Make applications when infestation first appears and repeat as necessary. See note.

Texas and Oklahoma — Apply 1/2-1 pt. per acre.

All Other Areas — Apply 1 pt. per acre.

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

ORNAMENTAL INSECTS CONTROL

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

Insects	Amount Diazinon AG 500 to Use	
	per 3 gals. water	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 Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony-cushion, Lecanium, Pine Needle, San Jose, Soft Scale), Thrips, Two-spotted Mites, Webworms, Whiteflies	1/2 fl. oz.*	1 pt.*
Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars	1 1/2 fl. oz.	3 pts.

*1 fl. oz. = 2 tablespoons 16 fl. oz. = 1 pint

Do not use on certain Ferns, Poinsettia, Hibiscus, Payaya, 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 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 insects such as 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 5 ft.

Lawn Insect Control

band of soil around the house, as well as the house foundation wall to a height of 2-3 ft. Repeat application if necessary.

Insects	Rate/1,000 sq. ft. Diazinon Water AG 500	Remarks
Lawn Chinch Bugs	2-3 fl. oz. or 3-6 fl. oz.	25 gals. Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Army- worms, Clover Mites, Collem- bola (Spring- tails), Crickets, Cutworms, Dig- ger Wasps, Ear- wigs, Frit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs	4 fl. oz.	3 gals. Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. For frit 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, Ticks	1 fl. oz.	3 gals. Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Millipedes	8 fl. oz.	3 gals.
Rhodes-Grass Scales	5 fl. oz.	25 gals. Apply when crawlers first emerge.

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

Boxelder Bugs: Spray bugs outside the home with 1½-2½ fl. oz. (2½-5 tablespoons) in 1 gal. water. At the same time, thoroughly spray around foundations, windows, doors, tree trunks, and into cracks and other places where the insects hide.

NOTICE TO BUYER

Seller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label use directions, or under abnormal use conditions, or under conditions not reasonable foreseeable to seller; buyer assumes all risk of any such use. Seller makes no other warranties, expressed or implied.

AGRICULTURAL PRODUCTS CO., INC.
Mesquite, New Mexico Artesia, New Mexico

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