

GENERAL INFORMATION

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 live stock.

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.

NOTE: The California Department of Agriculture has set a 5-day re-entry for Diazinon on citrus, grapes, peaches and pears. 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 or 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.

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 1-1 1/2 pts. per acre.
Cucumber Beetles. Apply 1/2 pt. in 100 gallons of water per acre.
Do not apply within 7 days of bean harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

LIMA BEANS

Dipterous Leaf Miners, Leafhoppers, Mites. Apply 1 pt. per acre. Do not apply within 7 days of harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

BROCCOLI, CABBAGE AND CAULIFLOWER

Aphids, Diamondback Moths, Imported Cabbageworms. Apply 1/2 - 1 pt. per acre. Applications at 7 - 10 day intervals will usually be required. Do not apply to broccoli or cauliflower within 5 days, or to cabbage within 7 days, of harvest.

BRUSSELS SPROUTS

Aphids, Diamondback Moths, Imported Cabbageworms. Apply 1 pt. per acre. Generally, applications at 7 - 10 day intervals will be required. Do not apply to brussels sprouts within 7 days of harvest.

CARROTS

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

CELERY

Aphids, Flea Beetles. Apply 1 pt. in 100 gals. of water per acre. Do not apply within 10 days of harvest. Plants should be market trimmed (tops removed) before being shipped or used. Tops should not be used for feed or food.

COLLARDS, KALE, SWISS CHARD, AND TURNIP TOPS

Aphids, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs, Corn Earworms. Apply 1/2-1 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 1/2 - 1 pt. per acre. Do not apply within 10 days of harvest.

MELONS AND SQUASH

CANTALOUPE, CASABA, GREENSHAW'S HONEYDEW MELONS, MUSKMELONS, PERSIAN MELONS, AND HYBRIDS OF THESE. WATERMELONS AND THEIR HYBRIDS. SUMMER AND WINTER SQUASH.

Aphids, Leafhoppers, Mites. Apply 1 - 1 1/2 pts. per acre.
Serpentine Leaf Miner, Thrips. Apply 1/2 - 1 pt. per acre.
Do not apply to melons and winter squash within 3 days, or to summer squash within 7 days, of harvest.

ONIONS

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

PEAS

Aphids, Leaf Miner. Apply 1/2 - 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 Miner. Apply 1/2 pt. per acre. Do not apply within 5 days of harvest.

POTATOES

Aphids, Flea Beetles, Colorado Potato Beetle, Dipterous Leaf Miners. Apply at the rate of 1/2 - 1 pt. per acre.

Banded Cucumber Beetles, Leafhoppers, Southern Armyworms. Apply 1/2 - 1 pt. per acre. Do not apply within 35 days of harvest.

RADISHES, PARSNIPS, AND TURNIPS

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

SPINACH AND BEETS

Aphids, Dipterous Leaf Miners. Apply 1/2 - 1 pt. per acre. Do not apply to spinach within 10 days, or to beets within 14 days, of harvest.

SQUASH (Summer and Winter)

See Melons and Squash Section.

SWEET CORN

Corn Earworms. Apply 1 - 1 1/4 qts. per acre. Apply to silks as soon as they appear. Make 4 to 4 applications at 2 - 3 day intervals, as indicated on label. Re-apply immediately after rain. Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep.

MISSION BRAND

DIAZINON[®] AG 500

ACTIVE INGREDIENTS:

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

Xylene Range Aromatic Hydrocarbon Solvent

INERT INGREDIENTS:

48.0%

39.0%

13.0%

100.0%

Diazinon[®] AG500 contains 4 lbs. Diazinon per gallon.

WARNING

KEEP OUT OF REACH OF CHILDREN

CAUTION: INFLAMMABLE MIXTURE.

33722-9 DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Avoid contamination of food. Do not use on humans or permit children to go 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, shrimp, crab, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

CONTAINER DISPOSAL. Do not reuse empty container. Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies. Containers could be disposed of by punching holes in them and burying with wastes or by burning. Keep out of smoke.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions For Use and the Conditions of Sale and Warranty before using this product.

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on laboratory tests. The directions are believed to be reliable and should be followed carefully. However, it is not possible to eliminate all risks inherently associated with use of this product. Crop injury, pest resistance or other unintended consequences may result because of such factors as weather, soil conditions, use of other materials, or the manner of use or application, all of which are beyond the control of the Seller. All such risks shall be assumed by the Buyer. Tex-Ag Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. **TEX-AG COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.** In no case shall Tex-Ag Company or the Seller be liable for consequential, special or indirect damages resulting from the use of this product. Tex-Ag Company and the Seller offer this product and the Buyer and user accept it, subject to the foregoing **CONDITIONS OF SALE AND WARRANTY** which may be varied only by agreement in writing, signed by a duly authorized representative of Tex-Ag Company.

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MISSION, TEXAS

TOMATOES

Aphids, Dipterous Leaf Miners. Apply as usually required.

Banded Cucumber Beetles, Fall Armyworm, Vinegar Flies (Drosophila spp.) Apply as required.

Do not apply within 1 day of harvest.

VEGETABLE SOIL INSECTS

Unless otherwise stated, soil applications of Diazinon AG500 should be made as a spray in a minimum of 5 gals. of water per acre.

CUTWORMS (Surface and Subterranean)

Broccoli	Collards
Brussels Sprouts	Cucumbers
Cabbage	Endive (escarole)
Cantaloupes	Kale
Cauliflower	Lettuce
Celery	Lima Beans

Broadcast 2 - 4 qts. per acre just prior to surface cutworms, 3 - 6 inches for subterranean cutworms.

WIREWORMS

Broccoli	Collards
Brussels Sprouts	Cucumbers
Cabbage	Endive (escarole)
Cantaloupes	Kale
Carrots	Lettuce
Cauliflower	Lima Beans
Celery	Muskmelons

Broadcast 3 - 4 qts. per acre prior to potatoes.

POTATOES

Wireworms. Broadcast 3 - 6 qts. per acre 4 - 8 inches.

Southern Potatoes Wireworms (Southeast potatoes grown on mineral soils in the S to planting, and immediately mixed to 3 - 6 inches of soil, depending on local conditions).

FIELD AND FORAGE FOLIAR

Unless otherwise stated, foliar applications and forage crops as a spray in a minimum of 10 gals. of water per acre.

CORN

Use a minimum of 1 gal. of water for aerial applications. Corn Rootworm Adults: Apply 1/2 - 1 pt. per acre.

Corn Leaf Aphids: Apply 1 - 2 pts. per acre. Mites: Apply 1 pt. per acre when infested.

Grasshoppers: Apply 1 pt. per acre. Sap Beetles: Apply 2 - 2 1/2 pts. per acre. Spray mixture. Consult State Agricultural Experiment Station for proper timing of sprays.

Corn may be picked immediately following broadcast and sheep.

COTTON

Spider Mites, Aphid, Leafhoppers, Lygids. Apply 1/2 - 2 1/2 gals. of water per acre. Do not apply within 14 days of harvest.

SORGHUM

Use a minimum of 1 gal. of water for applications.

Sorghum Midge: Apply 1/2 - 1 pt. per acre. Application within 4 days.

Mites: Apply 1 pt. per acre when infested. Greenbug: Apply at the rate indicated on label.

Texas and Oklahoma: Apply 1/2 - 1 pt. per acre. Crop may be fed to livestock immediately following for grain.

SUGARCANE

Aphids: Apply 1 - 1 1/2 pts. per acre. Allow sugarcane to be fed to livestock.

FIELD AND FORAGE SOIL INSECTS

Unless otherwise stated, soil applications of Diazinon AG500 should be made as a spray in a minimum of 5 gals. of water per acre.

SORGHUM

Cutworms (Surface and Subterranean): Broadcast 2 - 4 qts. per acre into the soil immediately. 2 - 3 inches for surface cutworms.

SUGARCANE

Wireworms: Apply 1 gal. per acre in a broadcast application directly to the soil.

MISSION BRAND

DIAZINON[®] AG 500

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Xylene Range Aromatic Hydrocarbon Solvent
INERT INGREDIENTS:

48.0%
39.0%
13.0%

100.0%

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CAUTION: INFLAMMABLE MIXTURE.

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WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Avoid contamination of food. Do not use on humans or permit children to go 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, shrimp, crab, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

CONTAINER DISPOSAL. Do not reuse empty container. Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies. Containers should be disposed of by punching holes in them and burying with wastes or by burning. Keep out of smoke.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions For Use and the Conditions of Sale and Warranty before using this product.

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Tex-Ag Company or the Seller. All such risks shall be assumed by the Buyer. Tex-Ag Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. **TEX-AG COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.** In no case shall Tex-Ag Company or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Tex-Ag Company and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **CONDITIONS OF SALE AND WARRANTY** which may be varied only by agreement in writing, signed by a duly authorized representative of Tex-Ag Company.

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MISSION, TEXAS

TOMATOES

Aphids, Dipterous Leaf Miners. Apply 1/2 pt. per acre. To control leaf miners, weekly applications are usually required.
Banded Cucumber Beetles, Fall Armyworms, Southern Armyworm. Apply 1/2 - 1 pt. per acre.
Vinegar Flies (Drosophila spp.) Apply 1/2 - 1 pt. 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 2 gals. of water per acre for aerial applications.

CUTWORMS (Surface and Subterranean)

Broccoli	Collards	Muskmelons	Spinach
Brussels Sprouts	Cucumber	Peas	Summer Squash
Cabbage	Endive (escarole)	Peppers	Sweet Corn
Cantaloupes	Kale	Potatoes	Swiss Chard
Cauliflower	Lettuce	Snap Beans	Tomatoes
Celery	Lima Beans	Squash	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.

WIREWORMS

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

Broadcast 3 - 4 qts. per acre prior to planting and work into soil 1 - 3 inches immediately.

POTATOES

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

Southern Potatoes 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 mixed thoroughly by cranking 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.

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 - 1 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.
Grasshoppers: Apply 1 pt. per acre.
Sap Beetles: Apply 2 - 2 1/2 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 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 gal. of water per acre. Repeat at 10 day intervals.
Do not apply within 14 days of harvest. Do not graze treated cotton plants or feed animal waste to livestock.

SORGHUM

Use a minimum of 1 gal. of water for aerial applications and 5 gals. of water for ground applications.
Sorghum Midges: Apply 1 - 1 1/2 pts. per acre when midges have emerged from the boot. Repeat application within 4 days.
Mites: Apply 1 pt. per acre when infestations first appear and repeat applications as necessary.
Greenbug: Apply at the rate indicated above when infestation first appears and repeat as necessary.

Texas and Oklahoma: Apply 1 - 1 1/2 pts. 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.

SUGARCANE

Aphids: Apply 1/2 - 1 pt. per acre. Apply 1 day before harvest or 1 day after harvest. For use and forage may be fed to livestock.

FIELD AND FORAGE SOIL INSECTS

Unless otherwise stated, soil 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.

SORGHUM

Cutworms (Surface and Subterranean): Apply 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.

SUGARCANE

Wireworms: Apply 1 gal. per acre just prior to planting. Immediately disk or harrow. Make application directly to seed pieces in open furrow at planting time.

Formulated by CIBA GEIGY