

**BEST AVAILABLE COPY**

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

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

Sincerely yours,

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

Enclosure

RD/IRB:JOB:85813:LaRocca:eg:RD-85/10:Kendrick & Co:398-1270:5/3/85:Del.5/7/85

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

**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 pest of agricultural crops. Do not use in barns or dwellings. Do not use on livestock.

In the directions for use given below, best control is obtained when application is made at first sign of insects. Application should be repeated as necessary to maintain control.

**DIRECTIONS FOR USE**

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

**RE-ENTRY**

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas until spray has dried unless appropriate protective clothing is worn.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product (indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure).

When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "WARNING" Area treated with Diazinon AG 500 on (date of application). Do not enter without appropriate protective clothing until spray has dried. If accidental exposure occurs, see precautionary statements on front panel of label.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Do not store in or around the home. Store in a secure, dry and temperate area. Store only in original container. Keep away from heat, sparks or open flame. In case of spill or leak soak up with an absorbent material, such as clay sand, sawdust or sweeping compound. Place in drum, label contents and dispose of according to the instructions below in PESTICIDE DISPOSAL.

**CAUTION:** Wear a pesticide respirator and avoid forming dust clouds during clean-up.

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

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

**RECOMMENDATIONS**

**FRUIT AND NUT CROPS—NOTE:** Unless otherwise stated, the rates listed below should be applied as a dilute full cover spray.

**CITRUS FRUITS** — Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangelos, Citrus Citron, Kumquats, and hybrids of these.

Citrus Aphid, Cottony-Cushion Scale Crawlers, and Soft Scale Crawlers. Apply 1/2-1 pt per 100 gals of water (maximum 1000 gals per acre) as a thorough cover spray when aphid and crawler stages of scale insects first appear.

EPA Est No 4735 TX-10

**Citrus Thrips:** Apply 1 pt in 100 gals of water (maximum 1000 gals per acre) when thrips first appear. 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.

**PECANS**—Aphids, Mites, Pecan Nut Casebearers, Walnut Caterpillars. Apply 1-3 qts. per acre as a foliar spray in a minimum of 100 gals. of water. Do not apply after husks crack.

**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 7 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 1/2-1 qt. 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. 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** — Cantaloupes, Casaba, Cran Shaws, 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 Miners, 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. Do not treat compost.

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

**PEAS** — Aphids, Leaf Miners. Apply 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 Miners. 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 30 days of harvest.

**TIDE  
DIAZINON  
AG 500**

AGRICULTURAL

For Control of certain insects and field

Active Ingredients:

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

Xylene

Inert Ingredients:

Diazinon® AG500 contains 4 lbs. Diazinon per gallon. Trade mark of CIBA-GEIGY CORP.

**WARNING**

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY

HAZARDS TO HUMANS

May be fatal if swallowed. May be a skin irritant. Do not get in eyes, on skin, or on clothing. Avoid contamination of food and animals. Do not contaminate feed or use of

ENVIRONMENT

FISH AND WILDLIFE CAUTION:

This product is toxic to fish, shrimp, and other aquatic life. Feeding on treated areas may be killed. Do not apply when weather conditions are such that runoff may contaminate water by cleaning of equipment. This product is highly toxic to bees on crops. Protective information may be obtained from Agricultural Extension Service.

CAUTION: INFLAMMABLE

A PRODUCT OF  
TIDE LABORATORIES  
EDINBURG, TEXAS

RQ DIAZINON MIXTURE NA2783

CRM-A

**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 1/2 qts. per acre when silks first appear. Two or three repeat applications at 2-3 day intervals will usually be necessary. Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep. Refer also to Corn under Field and Forage Foliar Insects and Field and Forage Soil Insects.

**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 Armyworms: Apply 3/4-1 pt. per acre  
Vinegar Mite (*Drosophila* spp.): Apply 1/2-1 1/2 pts. per acre. Weekly applications are usually required. Do not apply within 1 day of harvest.

**VEGETABLE SOIL INSECTS**—Unless otherwise stated, soil applications of Diazinon AG500 should always be applied to vegetable crops as a spray in a minimum of 5 gals. of water per acre for ground applications.

**CUTWORMS**—(Surface and Subterranean) Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Cauliflower, Celery, Collards, Cucumbers, Endive (escarole), Kale, Lettuce, Lima Beans, Muskmelons, Parsley, Peas, Peppers, Potatoes, Snap Beans, Spinach, Summer Squash, Sweet Corn, Swiss Chard, Tomatoes, Watermelons, Winter Squash. Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

**GARDEN SYMPHYLANS (CENTIPEDES)**—Cabbage, Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes, Turnips. Broadcast 10 qts. per acre just prior to planting. Work into soil 4-8 inches immediately. This pre-plant treatment will also control other soil insects such as cutworms (surface and subterranean), mole crickets, root maggots, and wireworms.

**MOLE CRICKETS**—Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Endive (escarole), Kale, Lettuce, Mustard, Peppers, Radishes, Tomatoes, Turnips. Broadcast 1 qt. per acre when insects are present. Make application to plant beds or field 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches immediately.

**ONION MAGGOTS**—Onions Furrow Application. Apply 1 qt. per acre in sufficient water to 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.

**ROOT MAGGOTS**—Broccoli, Brussels Sprouts, Cabbage, and Cauliflower. Broadcast Application. Broadcast 2-3 qts. per acre and immediately work into the soil 3-4 inches, before seeding, either in the seedbed or in the field, or before transplanting.

**WIREWORMS**—Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Carrots, Cauliflower, Celery, Collards, Cucumbers, Endive (escarole), Kale, Lettuce, Lima Beans, Muskmelons, Onions, Parsley, Peas, Peppers, Potatoes, Snap Beans, Spinach, Summer Squash, Sweet Corn, Sweet Potatoes, Swiss Chard, Tomatoes, Watermelons, Winter Squash. Broadcast 3-6 qts. per acre prior to planting, and work into soil 4-8 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 wireworm 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 disking, or other suitable means into the top 3-6 inches of soil, depending on location of wireworms.

**FIELD AND FORAGE FOLIAR INSECTS**—Unless otherwise stated, soil applications of Diazinon AG500 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**—Spotted Alfalfa Aphids, Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bug Nymphs, Mites. Apply 1/2-1 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 hay for 10 days following treatment. Do not spray livestock directly with either air or ground equipment. Do not treat during bloom to avoid injury to pollinating insects.

**CLOVER** Striped Ground Sickness. Broadcast 1-2 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 1/2-1 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  
Saw 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 Bugs, 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**—Use a minimum of 1 gal. of water for aerial applications and 5 gals. of water for ground applications.

Sorghum Midge. Apply 1/2-1 pt. per acre when 50% of heads have emerged from the boot. Repeat application within 4 days.

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

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

Texas and Oklahoma: Apply 1/2-1 pt. per acre  
All Other Areas: Apply 1 pt. per acre

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

**SUGAR BEETS**—Beet Leafhoppers, Dipterous Leaf Miners, Aphids. Apply 1/2-1 pt. per acre  
Grasshoppers. Apply 1 pt. per acre

Note: Tops may be fed to beef and dairy animals.

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

**TOBACCO**—Aphids, Flea Beetles. Apply 1/2-3/4 pt. per acre. Do not apply within 7 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 AG500 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.

**SUGGESTED RATES ACCORDING TO ROW SPACING FOR COMMON ROWWORK LARVAE CONTROL**

Row spacing	Linear feet of Corn rows per acre	Rate per acre (Planting time application)	Post emergence basal treatment
48"	10,800	21.00 oz.	14-28 oz.
42"	12,600	31.00 oz.	15-31 oz.
40"	13,500	33.00 oz. (11-2 qts.)	16-32 oz. (12-1 qt.)
36"	15,000	35.00 oz.	17-35 oz.
30"	17,424	39.00 oz.	18-36 oz.
24"	21,780	44.00 oz.	22-44 oz.
20"	26,730	55-110 oz. (4-4 qts.)	27-55 oz. (1-2 qts.)
15"	34,848	66-176 oz.	32-64 oz. (1-2 qts.)

NOTE: For row spacing not listed, calculate the appropriate dosage based on the 48-inch row figure. Postemergence basal treatment. Apply 1 1/2-2 1/2 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. Refer to the row spacing chart for amounts recommended per acre. Cover treated band with 2-3 inches of soil using a disk harrow or cultivator immediately after spraying. Application should be made at the final sign of corn rootworm larvae, but not later than June 24 in the Middle Corn Belt, or July 1 in the Northern Corn Belt.

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

Cutworms (Surface and Subterranean). Broadcast 2-4 qts. per acre. For surface cutworms apply just prior to planting or when larvae first appear and work into soil 1-2 inches immediately. Do not apply later than larval stage. For subterranean cutworms apply just prior to planting and work into soil 3-6 inches immediately.

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

**COWPEAS**—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.

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

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

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

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

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

**SUGAR BEETS**—Wireworms. Broadcast 3-4 qts. per acre just prior to planting, and 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 covering time.

**NOTICE**: Seller warrants that the product conforms to its chemical description and is suitably fit for the purposes stated on the label.

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ACCEPTED

APR 26 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 15577-2

# DOG FLEA COLLAR

## ISOLATED DOG FLEA COLLAR

AIDS IN TICK CONTROL

ISOLATED INSECTICIDE COLLAR KILLS FLEAS FOR THREE MONTHS

### COMPOSITION: ACTIVE INGREDIENTS:

2,2-dichlorovinyl dimethyl phosphate	18.0%
Related compounds	1.4%
<b>INERT INGREDIENTS:</b>	<b>80.0%</b>
<b>TOTAL</b>	<b>100.0%</b>

This collar is a real animal collar which gives your dog protection against fleas. The insecticide is isolated from the skin of the animal. Since it evaporates through holes only towards the outside of the neck of the animal, it provides no direct contact between the insecticide and the animal. The isolated insecticide collar does not necessitate that the pet owners or children touch the insecticide, as this is only found on the inside of the collar.

**DIRECTION FOR USE:** Open the envelope and insert the isolated collar around the neck of the dog. Cut off any excess length. Fleas are killed as they attempt to bite your dog while collar is worn.

tion, and new ones will be killed also. The isolated insecticide collar lasts up to 3 months, replace when effectiveness diminishes.

**CAUTION:** Do not open the envelope until ready for use. Collar is intended for use only as an insecticide generator and is not to be taken internally by humans or animals. Animals should not be allowed to chew on the collar. The insecticide in the collar is isolated with no direct contact to the skin. Thus, skin irritation is generally avoided. Remove collar at first sign of irritation or adverse reactions. Do not use on sick or convalescing dogs. Do not use any other pesticide on dog while collar is worn.

MANUFACTURED IN FRANCE BY

DISTRIBUTED BY

P.O. BOX 2474  
95476 HILLS CA 94514 USA  
Tel: (916) 271-9500



ARROGET  
DOG FLEA COLLAR

DOG FLEA COLLAR  
ARROGET

# ISOLATED DOG FLEA COLLAR

AIDS IN TICK CONTROL - ESPECIALLY IN THE NECK AREA



isolated flea collar



for dog of all sizes

ISOLATED INSECTICIDE COLLAR KILLS FLEAS FOR THREE MONTHS  
CONTAINS 1 COLLAR 0.2 OZ NET WEIGHT

Caution: Do not allow children to play with this collar  
see back panel for caution statement

# DOG FLEA COLLAR

15577-2  
1-85