

Net Contents:
One Gallon (3.79 L)



4-2-74

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Diazinon[®]

Insecticide

AG500

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

ACTIVE INGREDIENTS:	
O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate*	47.50%
Aromatic petroleum derivative solvent	30.02%
INERT INGREDIENTS:	22.48%
TOTAL:	100.00%

*Diazinon[®] trademark of CIBA-GEIGY Corporation
DIAZINON[®] 4E contains 4 lbs. Diazinon per gallon

KEEP OUT OF REACH OF CHILDREN

WARNING — AVISO

PRECAUCION AL USUARIO

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by
touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an
unconscious person.
IF INHALED: Remove victim to fresh air and apply respiration if necessary.
IF ON SKIN: Wash with soap and water. Rinse thoroughly.
IF IN EYES: Rinse eyes with plenty of cool water. Call a physician if irritation persists.
NOTE TO PESTICIDERS—Diazinon upon repeated, prolonged or careless use may cause cholinesterase inhibition. Atropine is
antidotal. 2 PAM is also antidotal and may be administered in conjunction with atropine.

PRECAUTIONARY STATEMENTS

Diazinon AG500 WARNING

HAZARDS TO HUMANS and DOMESTIC ANIMALS

This cautionary statement should be given orally to hand laborers by the applicator. (Area was treated with the
pesticide on "Today's date of application." Do not enter without appropriate protective
clothing for 24 hours. Do not apply this
product in such a manner as to directly or through drift expose workers or other persons. The area
being treated must be vacated by unprotected persons. Do not enter treated area without protective
clothing until 24 hours has elapsed.)

May be fatal if swallowed. May be absorbed through the skin. May be absorbed through the lungs.
Avoid contact with eyes, nose, mouth, and skin. Wash thoroughly with soap and water.
Do not eat, drink, or smoke while using this product. Do not use this product in or near
living areas. Do not use this product in or near children's play areas. Do not use this product
in or near water bodies. Do not use this product in or near fish ponds.

HAZARDS TO AQUATIC LIFE

Very toxic to fish. Do not use this product in or near fish ponds. Do not use this product in or near
streams, rivers, or lakes. Do not use this product in or near marshes. Do not use this product in or near
wetlands. Do not use this product in or near any body of water. Do not use this product in or near
any area where fish or other aquatic life may be present. Do not use this product in or near any area
where birds or other wildlife may be present. Do not use this product in or near any area where
crops or other plants may be present.

STORAGE AND DISPOSAL

STORAGE: Do not use, pour, spill or store near heat or open flame. Combustible Mixture. Handle concentrate in a ventilated area.

PESTICIDE DISPOSAL: Do not contaminate water, food or food by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GENERAL INFORMATION

Stomoxil AS500 is an emulsifiable solution which, when diluted with water according to the directions below, is intended for the control of insect pests on agricultural crops. Do not use in home or poultry. Do not use on livestock. In the Directions for Use given below, best control is obtained when application is made at first sign of insects. Application should be repeated as necessary to maintain control.

DIRECTIONS FOR USE

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

FRUIT AND BERRY CROPS

NOTE: Unless otherwise stated, the rates listed below should be applied as a dilute full cover spray.

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

Leafhoppers: Apply 1 pt. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop.

Cherry Fruit Flies: Mix 1/2-1 pt. per 100 gals. of water. Make 3 or 4 applications, beginning when adult cherry fruit flies begin to emerge and repeat at 10-day intervals.

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

San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply during the pre-bloom stage or when crawlers first appear. Do not apply within 10 days of harvest.

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

Grapes—Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leaf Rollers: Apply 1-2 gals. per acre in a minimum of 100 gals. of water as a thorough cover spray. Do not apply within 10 days of harvest.

Drosophila spp.: Apply 12-18 fl. oz. per acre in a minimum of 100 gals. of water as a thorough cover spray, or apply when larvae first appear. Make additional applications at weekly intervals as necessary.

Do not apply within 7 days of harvest.

Peaches and Nectarines—Aphids, Brown Mites (Clover Mites), Two-spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, mites and scale crawlers first appear. Olive Scale Crawlers: Mix 1/2 pt. of Dioxin AS500 plus 1/2 gal. light medium kerosene kerosene oil per 100 gals. of water. Apply when scale crawlers are present.

Oriental Fruit Moths: Mix 1 pt. per 100 gals. of water and apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult oriental fruit moth flight, if possible.

Peach Tree Bark: Mix 1 pt. per 100 gals. of water and apply to peaches in May and June.

Leafhoppers @peaches only: Apply 1 pt. per 100 gals. of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop.

White Peach Scale @peaches only: As a post-harvest spray, apply 1 1/2-2 gals. per 100 gals. of water (mix) to coincide with adult crawler and immature scale activity. Under conditions of heavy infestations, 2 applications may be necessary.

Do not apply to peaches within 30 days, or to nectarines within 10 days of harvest.

Peaches—Aphids, Mites, Peach Rust Cuckers, Walnut Caterpillars: Apply 1-3 gals. per acre as a foliage spray in a minimum of 100 gals. of water. Do not apply after leaves drop.

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

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

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

Cydonia Mites: Apply 1 pt. per 100 gals. of water per acre, directing spray to plant crown. Plants should be particularly irrigated to ensure thorough coverage of the foliage. Make additional applications, if necessary, after harvest.

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

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

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

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

Front Panel
Right Column.

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w. h. arms

To control certain insects on Arborvitae, Azalea, Birch, Boxwood, Camellia, 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

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

Do not use on certain Ferns, Palmwoods, Hibiscus, Papaya, Pine, and Gardenia, since injury to the plants may occur.

Mix 1/4 fl. oz. in 3 gal. of water (or 1 pt. in 100 gal. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application of 4-6 week intervals.

To control insects listed below, apply recommended rates for control of Aids, Brown Bess Thrips, Cherry Mites, Crickets, Earwigs, Fleas, Mosquitoes, Sawflies, and Cockroaches (Springtails), which are commonly found near the house and may enter the house, spray a 3-ft. band of soil around the house, as well as the house foundation wall to a height of 2-3 ft. Repeat application if necessary.

GRasses and WILd grass, such as Japanese beetle larvae, European chafar and Southern chafar. Apply a fl. oz. per 1000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application any time between late July and early October. For blight control apply when activity is first observed or when changed or brown grass is present, indicating damage from this insect.

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

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FIELD AND FORAGE SOIL INSECTS
Unless otherwise stated, soil applications of Dieldrin 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—Cutworms (Surface and Subterranean). Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately 2-3 inches for surface cutworm, 3-6 inches for subterranean cutworms.

Corn—Corn Rootworm Larvae

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

Row Spacing	Linear feet of Corn row/acre	Post emergence basal treatment (lb oz)
48"	10,890	14.28
42"	12,455	15.53
40"	13,064	16.32 (4-1 qt)
36"	13,939	17.53
30"	14,750	18.36
24"	17,424	22.44
20"	21,780	27.55
16"	26,136	32.64 (1 1/2 qts)
15"	34,848	44.88

NOTE: For row spacing not listed, calculate the appropriate dosage based on the 40 inch figure.

Postemergence Basal Treatment: Apply 1 1/4-2 1/4 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 first 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 July 1 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 last application. Corn may be fed to dairy and beef cattle and sheep.

Compeas—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.

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.

Tabacco—Cutworms: Broadcast 2-3 qts. per acre before first planting and work into the soil 2-4 inches immediately.
Green Legume Beans—Apply 1 qt. in 50 gals. of water and apply as a trench (100 gals. per 100 sq yds. to uncultivated areas if plant beds with spraying can).

Worm Chickets: Broadcast 1 qt. per acre when insects are present. Make application to beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches immediately.

Seed Corn Maggots: Broadcast 3 qts. 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 6-8 inches immediately.

RANGE, PASTURE, AND GRASSLAND INSECTS

Unless otherwise stated, Dieldrin AG500 should always be applied as a spray in a minimum of 1 gal. of water per acre for aerial applications and a minimum of 5 gals. of water per acre for ground applications.

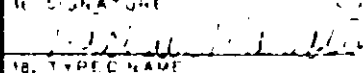
Bermudagrass and Forage Grasses (other than Brome and Pasture Grasses): Apply 1 qt. per acre.
Cattle and sheep (1) may be grazed immediately following application; (2) may be fed green forage immediately following cutting; and (3) forage grasses may be cut for hay 7 days following treatment. Do not repeat application for 30 days.
Barnyard, Pasture, Riffle Banks, Roadside, Wasteland, Homestead, and Barren Slopes—Grasshoppers: Apply 1 qt. per acre in water or oil (minimum of 1 gal. of oil per acre) when insects first appear, preferably in the nymphal stage. Thorough coverage of the foliage is essential.

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 the air or ground equipment. Do not repeat application for 30 days.

WARRANTY STATEMENT

Pyrethrum makes NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its use, which extend beyond the statements on this label.

BEST DOCUMENT AVAILABLE

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDE PROGRAMS (HJ-567) WASHINGTON, D.C. 20460 APPLICATION FOR <u>AMENDED</u> PESTICIDE PRODUCT REGISTRATION (Read instructions on last page before completing) B		1. REFERENCE CODE 2. EPA USE ONLY																																																																																																																																																																																																																		
3. REGISTRATION NO. 226-240		4. PRODUCT MANAGER George LaRocca (15)																																																																																																																																																																																																																		
5. NAME AND ADDRESS OF REGISTRANT (Include Zip Code) TOBACCO STATES CHEMICAL CO., INC. P. O. BOX 12530 LEXINGTON, KY. 40583 ☐ CHECK HERE IF THIS IS A NEW ADDRESS		6. TYPE OF AMENDMENT <table border="1" style="width: 100%;"> <tr><td>☐ CHANGE IN PRODUCT NAME</td></tr> <tr><td>☐ MINOR CHANGE IN FORMULATION</td></tr> <tr><td>☐ REQUEST FOR ADDITIONAL BRAND NAMES</td></tr> <tr><td>☐ REQUEST FOR MULTIPLE INERT FORMULATION PER PR NOTICE 74-2</td></tr> <tr><td>☐ DELETION OF LABEL TEXT</td></tr> <tr><td>☒ Additional Suppliers</td></tr> <tr><td>☐ GENERAL REVISION OF LABEL</td></tr> </table>	☐ CHANGE IN PRODUCT NAME	☐ MINOR CHANGE IN FORMULATION	☐ REQUEST FOR ADDITIONAL BRAND NAMES	☐ REQUEST FOR MULTIPLE INERT FORMULATION PER PR NOTICE 74-2	☐ DELETION OF LABEL TEXT	☒ Additional Suppliers	☐ GENERAL REVISION OF LABEL																																																																																																																																																																																																											
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16. SIGNATURE  18. TYPED NAME Michael Meredith		15. DATE APPLICATION RECEIVED (Stamped) Director, Regulatory Affairs April 5, 1974																																																																																																																																																																																																																		