

### GENERAL INFORMATION

Diazinon AG 500 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 as listed on this label. 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

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

**BLUEBERRIES:** Cranberry Fruitworms, Cherry Fruitworms, Blueberry Maggots, Aphids, Thrips, Two-Spotted Mites. Mix 1 pt. per 100 gallons of water. Apply up to 200 gallons of spray per acre. Do not apply within 7 days of harvest.

**GRAPES:** Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leaf Folders. Apply 1—2 pints per acre in a minimum of 100 gallons of water as a thorough cover spray. Do not apply within 18 days of harvest.

**Drosophila spp.** Apply 12—18 fl. oz. per acre in a minimum of 100 gallons 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 7 days of harvest.

**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 gallons of water per acre for aerial application and a minimum of 10 gallons of water per acre for ground applications. **BROCCOLI, CABBAGE AND CAULIFLOWER:** Aphids, Diamondback Moths, Imported Cabbageworms. Apply 1/2—1 pint 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.

**CUCUMBERS:** Aphids, Serpentine Leaf Miners, Thrips. Apply 1 pt. per acre. Do not apply within 7 days of harvest.

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

**SWEET CORN:** Corn Earworms. Apply 1—1 1/4 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.

**FIELD AND FORAGE FOLIAR INSECTS:** Unless otherwise stated, foliar applications of Diazinon AG 500 should always be applied to field and forage crops as a spray in a minimum of 2 gallons of water per acre for aerial applications and a minimum of 10 gallons of water per acre for ground applications.

**SORGHUM:** Use a minimum of 1 gallon of water for aerial applications and 5 gallons of water for ground applications.

**Sorghum Midge:** Apply 1/2—1 pt. per acre when 90% 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.

**Other Areas:** Apply 1 pt. per acre.

Do not apply to livestock immediately following treatment. Do not apply within 7 days of harvest to forage.



## SMITH-DOUGLASS DIAZINON INSECTICIDE AG 500

Diazinon AG 500 contains 4 lbs. Diazinon per gallon.  
Diazinon® trademark of CIBA-GEIGY

#### ACTIVE INGREDIENTS:

O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)	48.22%
phosphorothioate	39.02%
Xylene	12.76%

#### INERT INGREDIENTS:

TOTAL: 100.00%

**WARNING: KEEP OUT OF REACH OF CHILDREN**

See side panels for cautions

**Distributed by SMITH-DOUGLASS**

Division of Borden Chemical, Borden Inc.  
Norfolk, Virginia 23501

TOBACCO  
harvest  
Grasshopper  
FIELD /  
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per acre  
TOBACCO  
2—4 in.  
Green /  
per 100  
Mole Cr  
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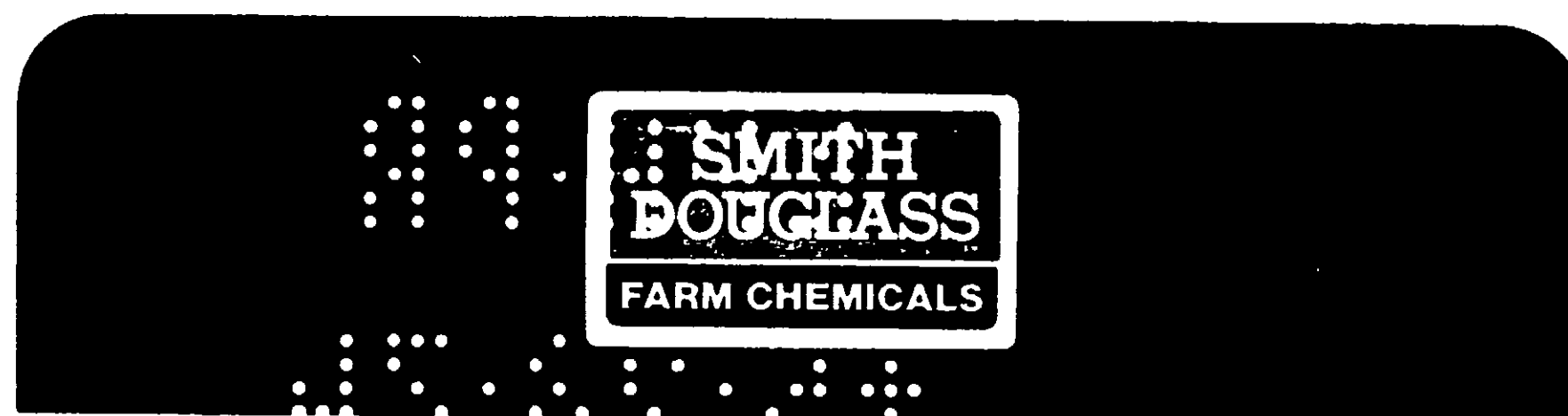
should be applied as a  
spray. Aphids, Thrips, Two-  
spotted Spider Mites, etc.  
of spray per acre. Do  
not apply within  
7 days of harvest.  
Leaf Miners: Apply 1—2  
gallons of water per acre.  
Do not apply within  
7 days of harvest.  
s of water as a thorough  
treatment at weekly intervals

of Diazinon AG 500  
if 2 gallons of water per  
acre for ground applications.  
Imported Cabbageworms:  
Apply 1—2 gallons of water  
per acre. Do not apply within  
7 days of harvest.

Do not apply within 5 days  
of harvest. Two or three  
days after application  
may be picked immediately  
for sheep.  
Applications of Diazinon AG  
500 should be made at a  
minimum of 2 gallons of  
water per acre for ground

and 5 gallons of water for  
aerial applications. Repeat  
applications as necessary  
and repeat as necessary

apply within 7 days of



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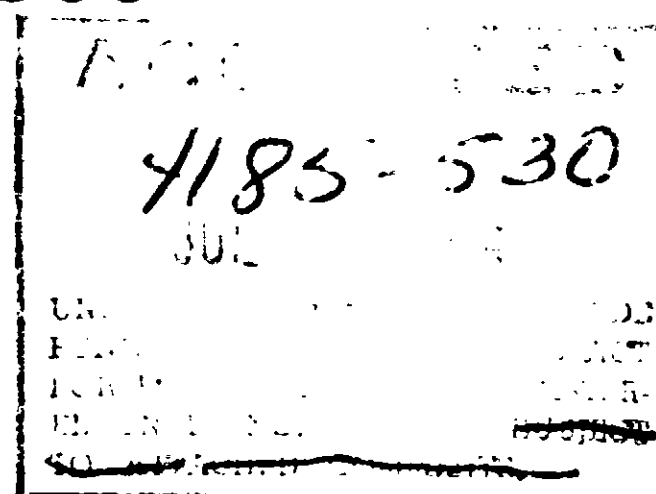
ACTIVE INGREDIENTS:	
O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	48.22%
Xylene	39.02%
INERT INGREDIENTS:	
	12.76%
<b>TOTAL:</b>	<b>100.00%</b>

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**TOBACCO:** Aphids, Flea Beetles: Apply 1/2 to 3/4 pt. per acre. Do not apply within 3 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 gallons of water per acre for ground applications.  
**TOBACCO:** Cutworms: Broadcast 2—3 qts. per acre before transplanting and work into the soil 2—4 inches immediately.  
**Green June Beetle Larvae:** Mix 1/4 pt. in 50 gallons of water and apply as a drench (100 gallons per 100 sq. yds.) to uprooted areas of plant beds with sprinkling can.  
**Mole Crickets:** 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 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.

### 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.

Keep out of reach of domestic animals. Do not contaminate feed or use on household pets or livestock.

**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.

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

**CAUTION: INFLAMMABLE MIXTURE**

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

**NOTICE:** Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use but seller makes NO WARRANTY OF MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE or any other warranty, express or implied, except as herein stated. Seller's liability is limited to the purchase price of the product and this shall be the buyer's only remedy. Buyer assumes the risk of use of this product contrary to label instructions, carelessly or under conditions not intended by or not reasonably foreseeable to seller.