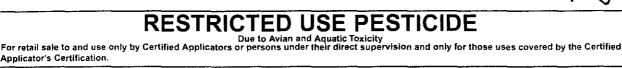
34704-41

7/21/2003





# AG500 Insecticide BPA Rog. No. 34704-41

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	JU	L	2	1	2	D03		
Under the Federal Insectionic, Pungloide, and Rodenticide Acc. as amended, for the pesticide								

age 1 8 9

Organophosphate Insecticide

For control of certain insects on fruits, nuts, vegetables, and field crops.

# ACTIVE INGREDIENT:

Diazinon O,O-Diethyl O-(2-isopropyl-6-methyl-4-

100% TOTAL This product contains 4 lbs. Diazinon per gallon. \*Contains xylene range aromatic solvent.

# **KEEP OUT OF REACH OF CHILDREN** CAUTION

EPA REG. NO. 34704-41 EPA EST. NO. 279-CA-1 NET CONTENTS \_GAL. (\_\_\_ \_\_\_L)

See Below For Additional Precautionary Statements

and Directions For Use

IMPORTANT: Read the entire Directions for Use and the Notice before using this product. If terms are not acceptable, return the unopened product containers at once.

EXP 07Y03 IH1 PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Avoid contamination of food and feed. Food utensils such as tablespoons and measuring cups should not be used for food purposes after use in measuring pesticides. Keep out of reach of domestic animals. Do not use on humans, household pets or livestock. Do not contaminate ornamental fish ponds.

#### **Personal Protective Equipment:**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on the EPA chemical resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as: barrier laminate, butyl rubber, nitrile rubber or viton; and shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### Engineering controls statements:

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When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash

thoroughly and put on clean clothing.

## ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds, especially waterfowl. Avoid overlapping of sprays. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at applications rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

# PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open fiame

#### FIRST AID

This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase.

If swallowed:	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person or convulsing person.</li> </ul>
If on skin or clothing:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to- mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>

NOTE TO PHYSICIAN: This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should only be administered in conjunction with atropine. FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136.

#### DIRECTIONS FOR USE

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

Reformulation or repackaging of this product is prohibited.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## DIAZINON AG500 INSECTICIDE EPA REG. NO. 34704-41

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nursreries, and greenhouses, and handlers of agricultural pesticides. It con-tains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry Interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI).

Exception: If the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical-resistant gloves, such as: barrier laminate, butyl rubber, nitrile rubber or viton; and shoes plus socks.

NOTE: The California Department of Agriculture has set a 5-day reentry for Diazinon on grapes, peaches, and nectarines. Five days should elapse 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 organophosphate pesticides are applied in combination, the interval should be prolonged by adding to the largest applicable interval an additional 50% of that interval,

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

#### CHEMIGATION

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#### APPLICATION THROUGH AN IRRIGATION SYSTEM

DIAZINON AG500 may be applied alone or in combination with other pesticides registered for application through sprinkler (including center pivot, lateral move, end four side (wheel) roll, traveler, big gun, solid set or hand move) or drip (trickle) irrigation systems (including surface and subsurface). Do not apply this product through any other type of irrigation system. To insure compatibility, pour the products into a small container of water in the correct proportions. After thorough mixing, let stand for 5 minutes. If the combination remains mixed, or can be remixed readily, the mixture is compatible.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect the irrigation system used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments, if the need arises.

#### **Chemigation System Connected to Public Water Systems**

- 1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily, at least 60 days out of the year.
- 2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

#### Sprinkler and Drip (Trickle) Chemigation

- 1. The system must contain a functional check-valve, a vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- 2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from

being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down

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- 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops
- 5. The irrigation line or water pump must include a functional pressure which which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7. Do not apply when wind speed favors drift beyond the area intended for treatment

#### **Operating Instructions**

- 1. Determine the acreage to be treated by the sprinkler system.
- 2. Measure the appropriate amount of DIAZINON AG500 needed to treat the acreage to be treated. Refer to the specific directions for use for the application rate and the amount of water per acre.
- 3. Add the pre-measured DIAZINON AG500 to the chemigation system supply tank and dilute with water if needed. Constant agitation is required to keep the product in solution when DIAZINON AG500 is used alone or tank mixed with other pesticides registered for sprinkler or drip chemication.
- Start the irrigation system and bring the system up to full pressure, making certain that all sprinkler heads are functioning properly.
- 5. Engage the chemigation injection or venturi system to add the diazinon to the irrigation lines.
- 6. Continue to run irrigation system for a few minutes after supply tank is empty to allow material in the irrigation lines to reach the sprinkler heads furthest from the chemigation injection point.

#### WORKER SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

When handling Diazinon AG500, do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See Practical Treatment Section of this label.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE: Pesticide wastes are toxic. Improper disposal of exces pesticide, spray mixture, or rinsate is a violation of Federal law. If pesticide, spray mixture or rinsate 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: Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or incinerate or burn, if allowed by state and local authorities. Stay out of smoke from burning container.

For minor spills, leaks, etc. follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-303-356-4400 or 1-800-424-9300 day or night.

#### **GENERAL INFORMATION**

DIAZINON AG500 is an emulsifiable solution which, when diluted with water according to the directions, is intended for the control of insect pests of agricultural crops and other plants. Do not use in greenhouses, Do not use in barns or dwellings. Do not use on livestock,

In the directions for use which follow, best control is obtained when application is made at first sign of pests. Application should be repeated only as directed to maintain control.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, since crop or plant injury may result.

#### FRUIT AND NUT CROPS REI - 24 hours

DIAZINON AG500 may be applied using ground or aerial application equipment as specified in the following table. This table indicates the minimum amount of water that can be used for the various methods of application. The rate of DIAZINON AG500 for aerial spray or concentrated spray applied to fruit trees by ground equipment is based on a dilute full cover spray applied with conventional ground equipment at a rate of 300-400 galons of water per acre. The specific amount of product to be used appears under the separate directions for use for each crop. If the Rate calls for 1 pt. of DIAZINON AG500 in 100 gallons of water, this amounts to 3-4 pts. of product per acre when applied at the usual dilute ground spray volumes of 300-400 gallons of water per acre. In no case should the amount of product used per acre exceed the maximum amount per acre per application that is specified in the Timing/Special Directions for individual crops.

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# DIAZINON AG500 INSECTICIDE EPA REG. NO. 34704-41

		Gro	und Application
	Aerial Application MINIMUM		MINIMUM Gals/Acre
CROP	Gals./Acre	DILUTE	CONCENRATE
Almonds*	20	100	20
Apricots	20	100	20
Blackberries**	20	100	20
Boysenberries**	20	100	20
Cherries	20	100	20
Cranberries	20	15	-
Dewberries**	20	100	20
Grapes	20	100	20
Loganberries**	20	100	20
Nectarines	20	100	20
Peaches	20	100	20
Plums	20	100	20
Prunes	20	100	20
Raspberries**	20	100	20
Strawberries	20	100	20
Walnuts*	20	100	20
*CA oniv. **CA. OR.	or WA only.		

"CA only. ""CA, OR, or WA only.

Observe stated time intervals between last application and harvest, as well as intervals between applications and total amount of product that can be applied per season.

Crop	*PHI	
Almonds	**	
Apricots	21	
Blackberries	7	
Boysenberries		
Cherries	21	
Cranberries	7	
Dewberries	7	
Grapes	28	
Loganberries		
Nectarines	21	
Peaches	21	
Piums, Prunes	21	
Raspperries		
Strawberries	5	
Walnuts	45	

\*PHI = Pre-Harvest Interval or the number of days between the last application and harvest.

\*\* = Dormant spray only.

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Note: To protect bees, do not apply this product to fruit trees when trees or substantial numbers of weeds in the orchard are in bloom.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Almonds (CA only)	San Jose Scale, Parlatoria Scale	1-11/2 pts. + 2-3 gallons dormant oil or 1-11/2 gallons superior type oil in 100 gallons of water	Apply as a dormant spray. Do not apply more than 6 pts. of diazinon or 9 gallons of oil per acre.
Apricots	Aphids, Brown Mites (Clover Mites), Two-spotted Spider Mites, Olive Scale Crawlers, San Jose Crawlers,		Apply as infestations occur. Repeat application after 14 days, if necessary.
	Olive Scale Crawlers	<sup>1</sup> / <sub>2</sub> pt. + 1 <sup>1</sup> / <sub>2</sub> gailons of light medium horticultural oil per 100 gailons of water	Apply when scale crawlers are present.
	Apricot Mealybugs	1 pt. per 100 gallons of water	Apply as a cover spray from petal fall to June. Allow 14 days between applications.

Notes: (1) Do not apply more than 4 pts. of product per acre per application and no more than 12 pts. of product per acre per season. (2) To avoid illegat residues, allow a minimum of 21 days between the last application and harvest.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Caneberries (CA, OR, and WA only) (Blackberries, Boysenberries, Dewberries, Logan berries, Raspberries)	Fruitworms, Raspberry Sawflies		Apply as insects occur. Repeat application after 14 days, if necessary. Apply in a minimum of 100 gallons of water per acre. (200 gallons per acre maximum). For Raspberry Fruitworms make one application when blossom buds sep- arate. Make a second application immediately before blossoms open.
	Dryberry Mites	1-2 qts. per acre	Apply as a dormant spray in the early Spring when canes are still on the ground and buds are closed. Make a second application when buds are well devetoped but still closed. Apply in a minimum of 100 gallons of water per
Notes (4) De a	Raspberry Crown Borers, (Raspberry Root Borers)	2 qts. per acre	acre. Apply a single application in a minimum of 100 gallons of water per acre as a drench to the crown and lower canes in the Spring before buds break.

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Notes: (1) Do not apply more than 2 quarts of product per acre per application and no more than 5 quarts of product per acre per season. (2) To avoid illegal residues, allow a minimum of 7 days between the last application and harvest.

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Cherries	Eyespotted Bud Moths, Fruit Tree Leafrollers	1 pt. in 100 gallons of water	Apply in cover sprays as infestations occur beginning at petal fall. Repeat application after 7 days, if necessary.
	Leafhoppers	1 pt. in 100 gallons of water	Make 3 applications beginning at petal fall and continuing through the growing season as infestations occur. Allow 7 days between applications.
	Cherry Fruitflies	⅓-1 pt. in 100 gallons of water	Make 3-4 applications beginning when adult flies begin to emerge and repeating at 10 day intervals.
	Błack Cherry Aphids	1 pt. in 100 gallons of water	Apply as a cover spray when aphids appear. Repeat application after 10 days, if necessary.
	San Jose Scale Crawlers	1 pt. in 100 gallons of water	Apply during the pre-pink stage or when crawlers first appear.
	Cherry Rust Mites	%-1 pt. in 100 gallons of water	Apply to trees as a single supplemental spray after harvest.
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Notes:(1) Do not make more than 3 applications per season. (2) Do not apply more than 4 pts. of product per acre per application and no more than 12 pts. of product per acre per season. (3) Allow a minimum of 21 days between the last application and harvest. Cranberries Blackheaded 2 qts. in a Apply when pest appear

erries	Blackheaded Fireworms (Rhopobota naevana)	2 qts. in a minimum of 15 galions of water per acre for ground appli- cation and up to 400 gallons of water per acre for chemigation.	Apply when pest appears. Repeat application after 14 days, if necessary. A maximum of 6 applications per season is permitted.

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## DIAZINON AG500 INSECTICIDE EPA REG. NO. 34704-41

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Cranberries Cont'd.	Cranberry Fruitworms	for ground app lication and up	Apply as pest appears. Repeat application after 14 days, if necessary. A maximum of 4 applications per season is permitted. Do not apply within 7 days of harvest or illegal residues may occur.

Notes: (1) Do not apply more than 12 qts. of product per acre per season. (2) To avoid illegal residues, allow a minimum of 7 days between the last application and harvest. (3) This product may be applied to cranberries through sprinkler irrigation. Refer to the section CHEMIGATION for specific chemigation directions for use. (4) Do not use water from irrigated or flooded cranberry beds for drinking purposes or to irrigate crops other than those appearing on EPA approved diazinon labels.

those appearing on EPA approved diazinon labels.				
Grapes	Pacific Spider	1-2 pts. per	Apply as pest occurs	
	Mites,	acre in a	as a thorough cover	
	Leafhoppers,	minimum of	spray. Repeat application	
	Grape Berry	100 gallons of	after 7 days, if necessary.	
-	Moths, Grape	water.	-	
	Leaffolders			
	Omniverous			
	Leafrollers,		[	
	Aphids, Spider			
	Mites			
	Drosophila	6 fl. oz. per	Apply as pest occurs as a	
	spp.	acre in a	thorough cover spray.	
		minimum of	Repeat application after 7	
		100 gallons of	days, if necessary.	
		water (300	-	
		gailons of		
	}	water		
		maximum)		

Notes: (1) Do not apply more than 2 pts. of product per acre per application and no more than 10 pts. per acre per season. (2) To avoid illegal residues, allow 28 days between the last application and harvest.

<u>کم</u>	w 28 days between the last application and harvest.					
	Oriental Fruitmoths	1 pt. in 100 gailons of water	Apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult flight.			
	Aphids, Brown Mites (Clover Mites), Two-spotted Spider Mites, Oilve Scale Crawlers, San Jose Scale Crawlers, Peach Twig Borers	1 pt. in 100 gallons of water	Apply as infestations occur. Repeat application after 14 days, if necessary.			

Notes: (1) Do not apply more than 4 pts. of product per acre per application and no more than 12 pts. per acre per season. (2) Allow a minimum of 21 days between the last application and harvest.

 Aphids, Brown Mites (Clover Mites), Two spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers	1 pt. in 100 gallons of water	Apply as infestations occur, Repeat application after 14 days, if necessary.
Oriental Fruitmoths	1 pt. in 100 gallons of water	Apply at 100% petal fall.Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult flight.
Peach Twig Borers	1 pt. in 100 gallons of water	Apply as insects occur in May and June. Allow 7 days between applications.
Leafhoppers	1 pt. in in 100 gallons of water	Make 3-4 applications begin- ning at petal fall and contin- uing through the growing sea- son. Allow at least 7 days between applications.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Peaches Cont'd.	White Peach Scale	1 1/2-2 pts. in 100 gallons of water	Apply post-harvest timed to coincide with peak crawler and immature scale activity. Under condi- tions of heavy infestation 2 applications (7 days apart) may be needed. Do not apply before fruit is harvested.

Notes: (1) Do not apply more than 4 pts. of product per acre per application and no more than 12 pts. per acre per season. (2) Allow a minimum of 21 days between the last application and harvest. Plums Brown Mites {1 pt, in 100 } Apply as needed every

I Gays Delwe		callon and harve	031.
lums	Brown Mites	1 pt. in 100	Apply as needed every
	(Clover Mites),	galions of	7 days
	European Red	water	-
	Mites		
	Leafcurl Plum	1/2-1 pt. in 100	
	Aphids, Mealy	gallons of	
	Plum Aphids	water	
	Thistle Aphids		

Notes: (1) Do not apply more than 4 pts. of product per acre per application and no more than 12 pts. per acre per season. (2) Allow a minimum of 21 days between the last application and harvest.

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Prunes	Brown Mites	1 pt. in 100	Apply as needed every
	(Clover Mites),	gallons of	7 days.
	European Red	water	
	Mites		
		1/2-1 pt. in 100	
	Aphids, Mealy	galions of	
	Plum Aphids	water	

Thistle Aphids Notes: (1) Do not apply more than 4 pts. of product per acre per application and no more than 12 pts. per acre per season. (2) Allow a minimum of 21 days between the last application and harvest.

21 days betwe	en the last appli	cation and harve	est.
Strawberries	Aphids, Two spotted Spider Mites	1 pt. In 100 gallons of water per acre	Apply as pests occur. Repeat application if necessary every 7 days.
	Cyclamen Mites	1 qt. in 100 gallons of water per acre	Direct spray to the plant crowns. Plants should be sufficiently agitated to assure thorough coverage of the foliage. Repeat applications after 7 days if necessary.
	Mole Crickets	1 qt. per acre	Broadcast in sufficient water to obtain even coverage when insects are present. Apply 1-2 days before transplanting and immediately incorporate into the top 1-2 inches of soil.
	Strawberry Leafrollers	%-1 pt. in 100 gallons of water	Apply 200 gallons of spray per acre when blossoms show color.

Notes: (1) Do not apply more than one quart of product per acre per application and no more than 4 quarts of product per acre per season. (2) To avoid illegal residues, allow a minimum of 5 days between the last application and harvest.

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Walnuts (CA	Aphids, Spide	1 qt. per acre	Apply as a toliar spray
only)	Mites.		Repeat application in 14
•••	Codling Moths,	3 qts. per	days if necessary. Make
	Scale Crawlers,	acre	ground applications in a
	Walnut		minimum of 100 gallons of
	Caterpillars		water per acre.

Notes: (1) Do not apply more than 4 quarts of product per acre per application and no more than 9 quarts of product per acre per season. (2) To avoid illegal residues, allow a minimum of 45 days between the last application and harvest and do not apply after husks open.

## VEGETABLE CROPS

#### REI - 24 hours

For foliar or soil applications, DIAZINON AG500 should always be applied as a spray in sufficient water to assure thorough coverage of the foliage or soil, DIAZINON AG500 may be applied using ground or aerial application equipment as specified in the following table.

The table indicates the minimum amount of water that can be used for the various methods of application. The specific amount of product to be used appears under the separate directions for use for each crop.

Nectarines

Peaches

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## **DIAZINON AG500 INSECTICIDE** EPA REG. NO. 34704-41

	Ground A	Application MINIMUM	
	MINIMUM	Aerial Application	
Стор	or Galions/Acre	Gallons/1,000 Sq PL	MINIMUM Galions/Acre
Beets, Red (Table)	10	2	5
Broccall	10	2	5
Brussels Sprouts	10	2	5
Cabbage	10	2	5
Cantaloupes	5	1	5
Carrots	10	2	5
Casabas	5	1	5
Cauliflower	10	2	5
Chinese Broccoll	10	2	5
Chinese Cabbage	10	2	5
Chinese Mustard	10	2	5
Chinese Radish	. 1		
(CA, FL only)	10	2	5
Collards	10	2	5
Crenshaws	5	1	5
Endive (Escarole)	10	2	5
Ginseng	10	2	5
Honeydew Melons	5	1	5
Kale	10	2	5
Lettuce, Head	10	2	5
Lettuce, Leaf	10	2	5
Muskmelons	5	1	5
Mustard	10	2	5
Onions (Bulb and Green)	10	2	5
Persian Melons	5	11	5
Radishes	10	2	5
Spinach	10	2	5
Sweet Com	20	4	5
Tomatoes	10	2	5
Watermelons	5	1 1	5

Observe stated time intervals between last application and harvest as well as intervals between and maximum numbers of applications per season. Do not apply in greenhouses.

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Pre-Harves	t Intervals (PHI*	) for Foliar	Applications

	PHI*
Сгор	(Days)
Beets, Red (Table)	14
Broccoli	7
Brussels Sprouts	7
Cabbage	21
Cantaloupes	3
Carrots	14
Casabas	3
Cauliflower	7
Chinese Broccoli	10
Chinese Cabbage	10
Chinese Mustard	10
Chinese Radish	10
Collards	10
Crenshaws	3
Endive (Escarole)	14
Ginseng	30
Honeydew Melons	3
Kale	10
Lettuce	14
Muskmelons	3
Mustard	10
Onions (Bulb and Green)	14
Persian Melons	3
Radishes	14
Spinach	14
Sweet Corn	7
Tomatoes	1
Watermelons	3

\*PHI = Pre-Harvest Interval or the number of days between the last application and harvest.

Notes: 1) Soil Incorporation: Following application of this product to control vegetable soil insects, immediately incorporate the product into the soil to the recommended depth (see TIMING/SPECIAL DIRECTIONS) using a rotary hoe, cultivator, disk, harrow, or other suitable means. For control of surface cutworms, incorporate 2-3 inches, for subterranean cutworms incorporate 3-6 inches, 2) To Protect Bees: Foliar applications of this product should not be made to corn during the pollen shed period.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Beets, Red (Table)	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediately
Rea (Table)		1010	incorporate into the soil.
			(See Soil Incorporation
			Note.)
	Mole Crickets	1 qt. per acre	One to two days before planting, broadcast and
	CHORELS		immediately incorporate
			into the top 1-2 inches of soil.
	Wireworms	3-4 qts. per	Broadcast just before
		acre	planting and immediately incorporate into the top 4-
	Distance	1/ 1 pt par	8 inches of soil.
	Dipterous Leafminers	1%-1 pt. per acre	Apply as insects occur. Repeat application, as
	Locininera		necessary, every 7 days.
			Do not make more than 5
			applications per season.
			Do not apply within 14
			days of harvest or illegal residues may occur.
	ł		Note: Diazinon will not
			control organophosphate- resistant leafminers.
Broccoli	Root	2-3 qts. per	Broadcast just before
	Maggots	acre	planting and immediately incorporate into the top
			3-4 inches of soil.
	Į	4-8 oz. per 50	in transplant water as a
		galions of	drench application when
		water	200-300 gailons of water are used per acre. Apply
			1/2-1 cup (4 to 8 oz.) per
			plant by hand or by tractor
			mounted sprayer equipped
			with drop nozzies to direct
		[ [	spray to the base of the plant.
			Note: Transplant water
			treatments may result in
			stand reduction due to
			plant stress at time of
	Cutworms	2-4 gts. per	transplanting. Broadcast just before
	Cutworms	acre	planting and immediately
		10,0	incorporate into the soil.
			(See Soil Incorporation
			Note.)
	Mole Crickets	1 qt. per acre	One to two days before
	Chickets		planting, broadcast and immediately incorporate
	ł .	1	into the top 1-2 inches of
	141-	2.4 -4-	soil.
	Wireworms	3-4 qts. per acre	Broadcast just before planting and immediately
	ļ	3010	incorporate into the top 4-
			8 inches of soil.
	Aphids,	1/2-1 pt. per	Apply as insects occur.
	Diamond-	acre	Repeat application, as
	back Moths,		necessary, every 7 days.
	Imported Cabbage		Do not make more than 5 applications per season.
	worms,		appications per season.
	Dipterous		Do not apply within 7 days
	Leafminers		of harvest or illegal
			residues may occur.
	1		Note: Diazinon will not
			control organophosphate-

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# **DIAZINON AG500 INSECTICIDE** EPA REG. NO. 34704-41

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וע	DIAZINON AG500 INSECTICIDE			CROP	DIRECTIONS			
	EPA RE	G. NO. 347	/04-41	Cabbage cont'd.	PEST Aphids Diamondback	KATE 1/2-1 pt. per acre	Apply as insects occur. Repeat application, as	
ROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS	com c.	Moths, imported	20.0	necessary, every 7 days Do not make more than	
russels prouts	Root Maggots	2-3 qts. per acre	Broadcast just before planting and immediately		Cabbage worms, Leafminers		applications per season Do not apply within 21	
		4-8 oz. in 50	incorporate into the top 3- 4 inches of soil. In transplant water as a		Dipterous		days of harvest, or illegatives in the second secon	
		gallons of water	drench application when 200-300 gallons of water are used per acre. Apply				Note: Diazinon will not control organophosphat resistant leafminers.	
			<sup>1</sup> / <sub>2</sub> -1 cup (4 to 8 oz.) per plant by hand or by tractor- mounted sprayer equipped with drop nozzles to direct spray to the base of the	Carrots	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediate incorporate into the soil (See Soil Incorporation Note.)	
			plant. Note: Transplant water treatments may result in stand reduction due to plant stress at time of		Mole Crickets	1 qt. per acre	One to two days before planting, broadcast and immediately incorporate into the top 1-2 inches o soil.	
	Cutworms	2-4 qts. per acre	transplanting. Broadcast just before planting and immediately incorporate into the soil.		Wireworms	3-4 qts. per acre	Broadcast just before planting and immediate incorporate into the top 8 inches of soil.	
	Mole Crickets	1 qt. per acre	(See Soil Incorporation Note.) One to two days before planting, broadcast and immediately incorporate into the top 1-2 inches of soil.		Aphids	1 pt. per acre	Apply as insects occur. Repeat application, as necessary, every 7 days Do not make more than applications per season Do not apply within 14 days of harvest or illega	
acre			Broadcast just before planting and immediately incorporate into the top 4- 8 inches of soil.	Cauliflower	Root Maggots	2-3 qts. per acre	residues may occur. Broadcast just before planting and immediate incorporate into the top 4 inches of soil.	
	½-1 pt. per acre	Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season. Do not apply within 7 days		gal	4-8 oz. in 50 gallons of water	In transplant water as a drench application whe 200-300 gallons of water are used per acre. Apply ¼-1 cup (4 to 8 oz.) per plant by hand or by tractor-mounted spraye		
abbage	Root Maggots	2-3 qts. per acre 4-8 oz. in 50 gallons of	of harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 3- 4 inches of soil. In transplant water as a drench application when				equipped with drop noz zies to direct spray to t base of the plant. Note: Transplant water treatments may result i stand reduction due to plant stress at time of transplanting.	
		water	200-300 gallons of water are used per acre. Apply ½-1 cup (4 to 8 oz.) per plant by hand or by tractor- mounted sprayer equipped		Cutworms	2-4 qts. per acre	Broadcast just before planting and immediate incorporate into the sol (See Soil Incorporation Note.)	
			with drop nozzles to direct spray to the base of the plant. Note: Transplant water treatments may			Mole Crickets	1 qt. per acre	One to two days before planting, broadcast and immediately incorporate into the top 1-2 inches soil.
			result in stand reduction due to plant stress at time of transplanting.			Wireworms	3-4 qts. per acre	Broadcast just before planting and immediate incorporate into the top 8 inches of soil.
	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)		Aphids, Diamondback Moths, Imported	½-1 pt. per acre	Apply as insects occur. Repeat application, as necessary, up to 5 time with a minimum of 7 da between applications.	
	Mole Crickets	1 qt. per acre	One to two days before planting, broadcast and immediately incorporate into the top 1-2 inches of soil. Broadcast just before			Cabbage worms, Dipterous Leafminers		Do not apply within 7 days of harvest or illege residues may occur. Note: Diazinon will not
		acre	planting and immediately incorporate into the top 4-	Chinese	Aphids,	1/2-1 pt. per	control organophospha resistant leafminers. Apply as insects occur.	
	L	<u>I</u>	8 inches of soil.	Broccoli	Diamondback Moths, Imported Cabbage worms, Dipterous Leafminers	acre	Repeat application, as necessary, every 7 day Do not make more thai applications per seasoi Do not apply within 10 days of harvest or illeg residues may occur. Note: Diazinon will not control organophospha	

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# DIAZINON AG500 INSECTICIDE EPA REG. NO. 34704-41

			SECTICIDE	CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
	EPA RE	EG. NO. 347	104-41 TIMING/SPECIAL	Endive (Escarole)	Aphids, Dipterous	1/2-1 pt. per acre	Apply as insects occur. Repeat application, as
ROP	PEST	RATE	DIRECTIONS	cont'd.	Leafminers		necessary, every 7 days Do not make more than
hinese	T Aphids,	1/2-1 pt. per	Apply as insects occur.				applications per season
abbage	Diamondback	acre	Repeat application, as			:	applications per season
Bok Choy	Moths,		necessary, every 7 days.				De est seely within 14
	Imported		Do not make more than 5				Do not apply within 14
ind Napa)			-				days of harvest.
	Cabbage		applications per season.				
	worms,						Note: Diazinon will not
	Dipterous		Do not apply within 10				control organophosphate
	Leafminers	[	days of harvest or illegal				resistant leafminers.
			residues may occur.	Ginseng	Leafhoppers,	%-1 pt. per	Spray when insects first
				•	Aphids, Lygus	acre	appear. For heavy insect
			Note: Diazinon will not		Bugs, Flea		infestations, use 1 pt. pe
	1		control organophosphate-		Beetles,		acre. Apply by ground
			resistant leafminers.		Jumping		equipment using 10 to
Chinese	Aphids,	1/2-1 pt. per	Apply as insects occur.		Plant Lice		100 gallons of water per
Justard (Gai	Diamondback	acre	Repeat application, as				acre. Do not apply more
Choy)	Moths,		necessary, every 7 days.				than one application per
,,)	Imported		Do not make more than 5				
		1	3				growing season. Do not
	Cabbage		applications per season.				apply during flowering of
	worms,		<b>b</b>				three or four year old
	Dipterous		Do not apply within 10				crops. Do not apply with
	Leafminers		days of harvest or illegal				30 days of harvest. Do r
		1	residues may occur.				graze treated areas or
•	4						feed treated forage to liv
			Note: Diazinon will not		1		stock.
			control organophosphate-	Kale	Cutworms	2-4 gts. per	Broadcast just before
			resistant leafminers.	Nale	Cutwonnia		planting and immediately
Chinese	Aphids,	1 pt. per acre	Mix in a minimum of 100			acre	
Radish	Diamondback	i pr. per acre	gailons of water per acre				incorporate into the soli.
		E Contraction of the second se					(See Soil incorporation
Japanese	Moths,		and apply as a foliar spray				Note.)
Radish or	Imported	1	as pests occur. Repeat		Mole Crickets	1 qt. per acre	One to two days before
Daikon) (FL	Cabbage	[	application as necessary			•	planting, broadcast and
	worms,		every 14 days. Do not				immediately incorporate
	Dipterous		make more than 3				into the top 1-2 inches o
	Leafminers	t	applications per season.				soil.
		1			Wireworms	3-4 gts. per	Broadcast just before
		1	Do not apply within 10			acre	planting and immediately
			days of harvest or illegal				incorporate into the top 4
			residues may occur.				8 inches of soil.
			,		Aphids,	1/2-1 pt. per	Apply as insects occur.
			Note: Diazinon will not		Diamondback		
	1		control organophosphate-			acre	Repeat application, as
			resistant leafminers.		Moths,		necessary, every 7 days
Collards	Cutworms	2.41	Broadcast just before		Imported		Do not make more than
Jollarus	Cutworms	2-4 qts. per			Cabbage		5 applications per seaso
	1	acre.	planting and immediately incorporate into the soil.		worms,		
	1				Harlequin		Do not apply within 10
			(See Soil Incorporation		bugs, Corn		days of harvest or illegal
			Note.)		Earworms		residues may occur.
	Mole Crickets	1 qt. per acre	One to two days before	Lettuce	Cutworms	2-4 qts. per	Broadcast just before
	1		planting, broadcast and		1	acre	planting and immediately
			immediately incorporate				incorporate into the soll.
			into the top 1-2 inches of				
			soil.				(See Soil Incorporation Note.)
	Wireworms	3-4 gts. per	Broadcast just before		Mala Oristata		
	wieworms		planting and immediately		Mole Crickets	1 qt. per acre	One to two days before
		acre					planting, broadcast and
	1		incorporate into the top 4-				immediately incorporate
			8 inches of soil.				into the top 1-2 inches o
	Aphids,	1/2-1 pt. per	Apply as insects occur.				soil.
	Diamondback	acre	Repeat application, as		Wireworms	3-4 qts. per	Broadcast just before
	Moths,		necessary, every 7 days.		1	acre	planting and immediately
	Imported		Do not make more than 5				incorporate into the top 4
	Cabbage		applications per season.		1	1	8 inches of soil.
	worms,		•, •• • • <b>,</b> •• • • • • •		Aphids,	1/2-1 pt. per	Apply as insects occur.
	Harlequin		Do not apply within 10		Dipterous		
	bugs, Corn		days of harvest or illegal			acre	Repeat application, as
					Leafminers	1	necessary, every 7 days.
a all an	Earworms	0.4 -+	residues may occur.				Do not make more than
Endive	Cutworms	2-4 qts. per	Broadcast just before		1	1	applications per season.
Escarole)	1	acre	planting and immediately		1		Do not apply within 14
		•	incorporate into the soil.			1	days of harvest.
	1		(See Soil Incorporation			1	Note: Diazinon will not
	·		Note.)		1	1	control organophosphate
	Mole Crickets	1 qt. per acre	One to two days before			1	resistant leafminers.
			planting, broadcast and				
	1	1	immediately incorporate				
	1	1	into the top 1-2 inches of				
		1	soil.				
	Winnun	24 atc					
	Wireworms	3-4 qts. per	Broadcast just before				
	1	acre	planting and immediately				
		ł	incorporate into the top 4-				
			8 inches of soil.				

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TIMING/SPECIAL DIRECTIONS

# DIAZINON AG500 INSECTICIDE EPA REG. NO. 34704-41

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	EPA RE	G. NO. 347	704-41	Radishes	Aphids, Flea	1/2-1 pt. per	Apply as insects occur.
CROP Melons (Cantaloupes, Casabas,	PEST Cutworms	RATE 2-4 qts. per acre	TIMING/SPECIAL DIRECTIONS Broadcast just before planting and immediately incorporate into the soil.	cont'd.:	Beetles, Dipteropus Leafminers	acre	Repeat application, as necessary, every 7 days. Do not make more than 3 applications per season. Do not apply within 14
Crenshaws, Honeydews, Muskmelons, Persians and Hybrids of these) and	Wireworms	3-4 qts. per acre	(See Soil Incorporation Note.) Broadcast just before planting and immediately incorporate into the top 4- 8 inches of soil.				days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-
Watermelons	Aphids, Dipterous Leafminers, Thrips,Striped Cucumber Bactlos	⅓-1½ pts, per acre	Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season, Do not apply within 3 days	Spinach	Cutworms	2-4 qts, per acre	resistant leafminers. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Beetles, Melonworms, Leafhoppers, Spider Mites		of harvest or lilegal residues may occur. Note: Diazinon will not control organophosphate-		Wireworms Aphids,	3-4 qts. per acre 1⁄2-1 pt. per	Broadcast just before planting and immediately incorporate into the top 4- 8 inches of soil. Apply as insects occur.
Mustard	Cutworms	2-4 qts. per acre	resistant leafminers. Broadcast just before planting and immediately incorporate into the soil, (See Soll Incorporation		Dipterous Leafminers	acre	Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season.
Wir Aph Dian Mot	Mole Crickets	1 qt. per acre	Note.) One to two days before planting, broadcast and immediately incorporate into the top 1-2 inches of soil.				Do not apply within 14 days of harvest. Note: Diazinon will not control organophosphate- resistant leafminers.
	Wireworms	3-4 qts. per acre	Broadcast just before planting and immediately incorporate into the top 4- 8 inches of soll.	Sweet Corn	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation
	Aphids, Diamondback Moths, Imported Cabbage	½-1 pt. per acre	Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season.		Seed Corn Maggots	2-4 qts. per acre	Note.) Broadcast just before planting and immediately incorporate into the top 2 inches of soil.
	worms, Dipterous Leafminers		Do not apply within 10 days of harvest or illegal residues may occur. Note: Diazinon will not		Wireworms	3-4 qts. per acre	Broadcast just before planting and immediately incorporate into the top 4- 8 inches of soil.
Onions (Bulb and	Onion Maggots	2-4 qts. per acre	control organophosphate- resistant leafminers. Broadcast just before planting and mix into		Corn Earworms	1-1¼ qts. per acre	Apply when silks first appear. Repeat application every 7 days if necessary. Do not make more than 5 applications per season.
Green)	Onion Thrips	1 pt. per acre	the top 3-4 inches of soil. Note: Diazinon will not control organophosphate- resistant onion maggots. Apply as thrips appear.		Corn Rootworm (Adults).	½-1 pt. per acre	Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5
	Wireworms	3-4 qts. per	Repeat application, as necessary, every 7 days. Do not make more than 3 applications per season. Do not apply within 14 days of harvest or illegal residues may occur. Broadcast just before		Corn Leaf Aphids	1-2 pts. per acre	applications per season. Apply in sufficient water to provide complete coverag to the upper portions of the plants. Repeat applica tion, as necessary, every days. Do not make more than 5 applications per season.
Radishes	Cutworms	acre 2-4 qts. per	planting and immediately incorporate into top 4-8 inches of soll. Broadcast just before planting and immediately		Grasshoppers, Spider Mites, Fleabeetles	1 pt. per acre	Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5
	Molo Originate	acre	incorporate into the soil. (See Soil Incorporation Note.)		Sap Beetles	2-2½ pts. per acre	applications per season. Consult local agricultural authorities for proper timing of sprays. Repeat
	Mole Crickets	1 qt. per acre	One to two days before planting, broadcast and immediately incorporate into the top 1-2 inches of soil.		protect bass do	not apply foliari	application, as necessary, every 7 days. Do not make more than 5 applications per season, to corn during the pollen
	Wireworms	3-4 qts. per acre	Broadcast just before planting and immediately incorporate into the top 4-8	shed period. ( cutting for fore	2) Allow 7 days a	ifter the last app be fed to beef a	lication before grazing or nd dairy cattle and sheep.

CROP

PEST

RATE

# DIAZINON AG500 INSECTICIDE EPA REG. NO. 34704-41

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Tomatoes	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediately incorporate into the soil. (See Soll Incorporation Note.)
	Mole Crickets	1 qt. per acre	One to two days before planting, broadcast and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	3-4 qts. p <del>or</del> acre	Broadcast just before planting and immediately incorporate into the top 4- 8 inches of soil.
	Aphids, Dipterous Leafminers	⅓ pt. per acre	Apply as insects appear. Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season.
	Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms, Beet Armyworms	⅓-1 pt. per acre	Do not apply within one day of harvest or illegal residues may occur Notes: Diazinon will not control organophosphate- resistant leafminers.
	Vinegar Flies (Drosophila spp.)	½-1½ pts. per acre	

#### FIELD CROPS REL - 24 hours

Soil and foliar applications of DIAZINON AG500 should always be applied as a spray in sufficient water to ensure thorough coverage. For foliar applications, observe stated time intervals between last application and harvest, as well as intervals between applications and total number of applications that can be made per season.

Pre-harvest Interval (PHI*) for Follar Applications				
Crop	PHI* (Days)			
Hops	14			
Culture Durate	44			

Sugar Beets 14 \*PHI = Pre-Harvest Interval or the number of days between the last application and harvest.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Hops		1 qt. per acre	Apply as pests occur. Repeat application, as necessary, every 14 days. Do not make more than 4 applications per season.
			Do not apply within 14 days of harvest.
Sugar Beets	Wireworms	3-4 qts. per acre	Broadcast just before planting, incorporate into soil 4-6 inches. Do not apply more than 4 qts, of this product to the soil, per season.
	Beet Leafhoppers, Dipterous Leafminers, Aphids	34-1 pt. per acre	Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season. Do not apply within 14 days of harvest. Note: Diazinon will not control organophosphate-
	Grasshoppers	1 pt. per acre	resistant leafminers. Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season.
Note: <u>Sugar be</u>	et tops may be f	ed to beef and d	Do not apply within 14 days of harvest. dairy animals.

# INSECT CONTROL ON ORNAMENTALS GROWN OUTDOORS IN NURSERIES

REI - 12 hours

To control certain insects on Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Hotty, Juniper, Lilac, Locust, Maple, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below. Try to spray underside of leaves and penetrate dense foliage.

insects	Amount of		
	DIAZINON AG500 to Use		
	Rate per 3 gallons of water	Rate per 100 gailons of water	
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leafminers, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils, Omniverous Leaftiers, Privet Mites, Scale Crawlers (Cottonycushion, Lecanium, Pine Needle, San Jose, Soft), Thrips, Two-spotted Spider Mites, Juniper Webworms, Whiteflies	⅓ fl. oz.*	1 pt **	
Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars.	1½ fl. oz*	3 pts.**	

\*1 fl. oz. = 2 tablespoons

\*\*16 fl. oz. = 1 pint

Precaution: Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.

Mimosa Webworms: Mix ½ oz. In 3 gallons of water (or 1 pt. in 100 gallons of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

#### NOTICE

IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIAT-ED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVE-NESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRES-ENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLI-CATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE, THE MANUFACTURER OR SELLER. IN NO CASE SHALL PLATTE, THE MAN-UFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE, THE MANUFAC-TURER OR SELLER MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MER-CHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELI-GIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S, THE MAN-UFACTURER'S OR SELLER'S TOTAL LIABILITY, SHALL BE FOR DAM-AGES NOT EXCEEDING THE COST OF THE PRODUCT.