Due to Avian and Aquatic Toxicity
For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.



# Insecticide

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-

pyrimidinyl) phosphorothioate] ......48% INERT INGREDIENT:\*.....52%

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 **NET CONTENTS** 

EPA EST. NO. 279-CA-1

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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

# 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:

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 flame.

#### **FIRST AID**

This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase

	If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.  Do not give anything by mouth to an unconscious person or convulsing person.
,,,	If on skin	Take off contaminated clothing.
	or clothing:	Rinse skin immediately with plenty of water for 15 to 20 minutes.
		Call a poison control center or doctor for treatment advice.
	If inhaled:	Move person to fresh air.
		If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to- mouth if possible.
		<ul> <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.

#### 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, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains 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 vition; 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 APPLICATION THROUGH AN IRRIGATION SYSTEM (CHEMIGATION) CRANBERRIES ONLY

DIAZINON AG500 may be applied alone or in combination with other pesticides registered for application through sprinkler irrigation systems to cranberries. To insure compatibility, pour the products into a small container of water in the correct proportions. After thorough mixing, let stand for five minutes. If the combination remains mixed, or can be remixed readily, the mixture is compatible.

Do not apply this product through any type of irrigation system to other crops. For chemigation, apply this product to cranberries only through sprinkler irrigation systems. Do not apply this product to cranberries through any other type of irrigation system.

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

- 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 preventor (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 Chemigation

- 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.
- 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 vaive 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.
- 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 switch 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.
- 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.
- Measure the appropriate amount of DIAZINON AG500 needed to treat the acreage to be treated. Refer to the specific directions for use for cranberries for the application rate and the amount of water per acre.
- Add the pre-measured DIAZINON AG500 to the chemigation system supply tank and dilute with water if needed. Proper agitation is needed if DIAZINON AG500 is tank mixed with other pesticides registered for sprinkler chemigation application to cranberries.
- Start the irrigation system and bring the system up to full pressure, making certain that all sprinkler heads are functioning properly.
- Engage the chemigation injection or venturi system to add the diazinon to the irrigation lines.
- 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 excess 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 gallons 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.

TIMING/SPECIAL

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

**Ground Application** 

	Aerial Application MINIMUM	50 UTF	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 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	7	
Cherries	21	
Cranberries	7	
Dewberries	7	
Grapes	28	
Loganberries	7	
Nectarines	21	
Peaches	21	
Plums, Prunes	21	
Raspberries	7	
Strawberries	. 5	
Walnuts	45	

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

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	1-1½ pts. + 2- 3 gallons dormant oil or 1-1½ 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	½ pt. + 1½ gallons of light medium horticultural oil per 100 gallons 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 illegal residues, allow a minimum of 21 days between the last application and harvest.

•			HMING/SPECIAL
CROP	PEST	RATE	DIRECTIONS
Caneberries (CA. OR, and WA only) (Blackberries, Boysenberries, Dewberries, Logan berries, Raspberries)	Leathoppers. Thrips. Aphids, Two-spotted Spider Mites Raspberry Fruitworms, Raspberry Sawflies	1 qt. per acre	Appiy 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 developed but still closed.  Apply in a minimum of 100 gallons of water per acre.
1	Raspberry Crown Borers, (Raspberry Root Borers)	2 qts. per 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.

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 applica- tion and harvest.			
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	½-1 pt, in 100 gallons of water	Make 3-4 applications beginning when adult flies begin to emerge and repeating at 10 day intervals.
	Black 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.

water 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

½-1 pt. in 100

gallons of

Cherry Rust

Mites

Apply to trees as a single

supplemental spray after

harvest

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

<sup>\*\* =</sup> Dormant spray only.

Cranberries Cont'd. Cranberry Fruitworms 3 qts. in a minimum of 15 gallons of water per acre for ground app. Para Apply as pest appears. Repeat application after 14 days, if necessary. A maximum of 4 applications per season is permitted.	CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
lication and up to 400 gallons of harvest or illegal residues may occur.  acre for chemigation.	-		minimum of 15 gallons of water per acre for ground app- lication and up to 400 gallons of water per acre for chemigation.	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

Notes: (1) Do not apply more than 12 gts. 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.

es	Pacific Spider Mites, Leafhoppers,	1-2 pts. per acre in a minimum of	Apply as pest occurs as a thorough cover spray. Repeat application	
i	Grape Berry Moths, Grape Leaffolders, Omniverous Leafrollers, Aphids, Spider Mites	100 gallons of water.	after 7 days, if necessary	
	Drosophila spp.	6 fl. oz. per acre in a minimum of 100 gallons of water (300 gallons of water maximum)	Apply as pest occurs as a thorough cover spray. Repeat application after 7 days, if necessary.	
e: (1) Do not apply more than 2 ptc. of product per agre per applies				

Notes: (1) Do not apply more than 2 pts. of product per agre 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.			
Nectarines	Oriental	1 pt. in 100	Apply at 100% petal fall.
	Fruitmoths	gallons of	Make 2 additional
		water	applications at 10-15 day
			intervals. Time the last
			application to peak adult
			flight.
•	Aphids,	1 pt. in 100	Apply as infestations occur.
	Brown Mites	gallons of	Repeat application after
	(Clover Mites),	water	14 days, if necessary.
	Two-spotted		
	Spider Mites,		
	Olive Scale		
	Crawiers, San		
	Jose Scale		
	Crawlers,		
	Peach Twig		
	Borers	l	

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 betw Peaches

ve	een 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 gatlons 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	

			THAIN G/SI ECIAE
CROP	PEST	RATE	DIRECTIONS
Peaches	White Peach	11/2-2 pts. in	Apply post-harvest timed
Contid.	Scale	100 gallons	to coincide with peak
		of water	crawler and immature
			scale activity. Under condi-
			tions of heavy intestation 2
		1	applications (7 days apart)
			may be needed. Do not
		1	apply before fruit is
			harvested.
Notes: (1) Do	not apply more	than 4 pts. of pr	oduct per acre per applica-

TIMING/SPECIAL

tion and no more than 12 pts. per acre per season. (2) Allow a minimum of 21 days between the last application and harvest

Brown Mites 1 pt. in 100 Apply as needed every (Clover Mites), gallons of 7 days European Redi 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 applica-

tion and no more than 12 pts. per acre per season. (2) Allow a minimum of 21 days between the last application and harvest

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

Strawberrie

tween the last application and harvest.			est
es	Aphids, Two spotted Spider	1 pt. in 100 gallons of	Apply as pests occur.  Repeat application if
	Mites	water per acre	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	¾-1 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 applica-

tion and narve	St.		
Walnuts (CA	Aphids, Spide	1 qt. per acre	Apply as a foliar 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,

TIMING/SPECIAL

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

	Ground A	Ground Application			
	MUMINIM	MINIMUM MINIMUM			
Crop	or Gations/Acre	Gallons/1,000 Sq Ft.	Aerial Applicatio MINIMUM Gallons/Acre		
Beets, Red (Table)	10	T 2	5		
Broccol.	10	2	. 5		
Brussels Sprouts	10	2	5		
Cabbage	10	2	. 5		
Cantaloupes	5		5		
Carrots	10	2	5		
Casabas	5	1	5		
Cauliflower	10	2	5		
Chinese Broccoli	10	2	5		
Chinese Cabbage	10	2	. 5		
Chinese Mustard	10	2	5		
Chinese Radish		1	3.201		
(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 • <b>5</b>		
Kale	10	2	5		
Lettuce, Head	10	2	5		
Lettuce, Leaf	10	2	5		
Muskmelons	5	1 1	5		
Mustard	] 10	2.	5		
Onions (Bulb and Green)	10	?	5		
Persian Melons	5	1	5		
Radishes	10	2	5		
Spinach	10	2	5		
Sweet Corn	20	4	5		
Tomatoes	10	2	5		
Watermelons	5	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.

Pre-Harvest Intervals (PHI*)	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.

			TIMING/SPECIAL
CROP	PEST	RATE	DIRECTIONS
Beets,	Cutworms	2-4 qts. per	Broadcast just before
Red (Table)		acre	planting and immediately
			Incorporate into the soil
			(See Soil Incorporation
	_	<u> </u>	Note.)
	Mole	1 qt. per acre	One to two days before
	Crickets		planting, broadcast and
			immediately incorporate
	1	i	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-
			8 inches of soil
	Dipterous	½-1 pt. per	Apply as insects occur.
	Leafminers	acre	Repeat application, as
			necessary, every 7 days.
			Do not make more than 5
		· ·	applications per season.
			l ''
			Do not apply within 14
•		i i	days of harvest or illegal
		!	residues may occur.
	1		Note: Diazinon will not
	1		control organophosphate-
	<u>L</u>		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.
		4-8 oz. per 50	In transplant water as a
		gailons of	drench application when
		water	200-300 gallons 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 nozzles to direct
	1		spray to the base of the
-			plant.
			Note: Transplant water
			treatments may result in
			stand reduction due to
			plant stress at time of
			transplanting.
	Cutworms	2-4 qts. per	Broadcast just before
	Januarina	acre	planting and immediately
		acie	incorporate into the soil.
			(See Soil Incorporation
	Į		
	Mole Mole	1 of per acro	Note.) One to two days before
	Crickets	1 qt. per acre	planting, broadcast and
	CHUREIS		, ,
	!		immediately incorporate
i			into the top 1-2 inches of soil.
	Wireworms	3-4 qts. per	Broadcast just before
	i www.	acre	planting and immediately
	ĺ	acie	incorporate into the top 4-
	Anhide	16-1 pt por	8 inches of soil.  Apply as insects occur.
	Aphids, Diamond-	½-1 pt. per	Repeat application, as
		acre	necessary, every 7 days.
	back Moths,		
	Imported	ļ	Do not make more than 5
	Cabbage		applications per season.
	worms,	)	Do not apply within 7 do
	Dipterous		Do not apply within 7 days
	Leatminers		of harvest or illegal
	]		residues may occur.
		ŀ	Note: Diazinon will not
			control organophosphate-
			resistant leatminers.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Brussels	Root	2-3 qts. per	Broadcast just before
Sprouts	Maggots	acre	planting and immediately
		İ	incorporate into the top 3-
		4-8 oz. in 50	4 inches of soil. In transplant water as a
		gallons of	drench application when
	,	water	200-300 gallons of water
			are used per acre. Apply
		}	1/2-1 cup (4 to 8 oz.) per
		l	plant by hand or by tractor-
			mounted sprayer equipped
	<b>1</b>	ļ	with drop nozzles to direct spray to the base of the
		ĺ	plant.
	<b>\</b>	}	Note: Transplant water
			treatments may result in
	}		stand reduction due to
		ļ	plant stress at time of
	Cutworms	2-4 qts. per	transplanting. Broadcast just before
	Cutwoinia	acre	planting and immediately
			incorporate into the soil.
		<b>\</b>	(See Soil Incorporation
		ļ	Note.)
	Mole Crickets	1 qt.per acre	One to two days before
			planting, broadcast and immediately incorporate
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	)	into the top 1-2 inches of
	i	<u> </u>	soil.
	Wireworms	3-4 qts. per	Broadcast just before
	į	acre	planting and immediately
		ļ	incorporate into the top 4-
	Aphids.	½-1 pt. per	8 inches of soil. Apply as insects occur.
	Diamondback	acre	Repeat application, as
	Moths,		necessary, every 7 days.
	imported	ļ	Do not make more than
	Cabbageworms	]	5 applications per season.
			De not apply within 7 days
			Do not apply within 7 days of harvest or illegal
		ļ	residues may occur.
Cabbage	Root Maggots	2-3 qts. per	Broadcast just before
_		acre	planting and immediately
		ļ	incorporate into the top 3-
		4-8 oz. in 50	4 inches of soil. In transplant water as a
		gallons of	drench application when
	· ·	water	200-300 gailons of water
		į	are used per acre. Apply
			1/2-1 cup (4 to 8 oz.) per
	l l	<b>.</b>	plant by hand or by tractor-
		ł	mounted sprayer equipped with drop nozzles to direct
	1	1	spray to the base of the
			plant.
	<b>\</b>	ì	Note: Transplant
			water treatments may
		]	result in stand reduction
	1	l	due to plant stress at time
	Cutworms	2-4 qts. per	of transplanting. Broadcast just before
	Odimolinia	acre	planting and immediately
	<b>\</b>		
		[	incorporate into the soil.
			(See Soil Incorporation
			(See Soil Incorporation Note.)
	Mole Crickets	1 qt. per acre	(See Soil Incorporation Note.) One to two days before
	Mole Crickets	1 qt. per acre	(See Soil Incorporation Note.) One to two days before planting, broadcast and
	Mole Crickets	1 qt. per acre	(See Soil Incorporation Note.) One to two days before planting, broadcast and immediately incorporate
	Mole Crickets	1 qt. per acre	(See Soil Incorporation Note.) One to two days before planting, broadcast and
	Mole Crickets Wireworms	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.  Broadcast just before
			(See Soil Incorporation Note.) One to two days before planting, broadcast and immediately incorporate into the top 1-2 inches of soil.  Broadcast just before planting and immediately
		3-4 qts, per	(See Soil Incorporation Note.) One to two days before planting, broadcast and immediately incorporate into the top 1-2 inches of soil.  Broadcast just before

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS LAbolic de unsette decur
Cabbage cont'd.	Aphids Diamondback Moths. Imported	⅓-1 pt. per acre	Apply as insects occur Repeat application, as necessary, every 7 days. Do not make more than 5
	Cabbage worms, Leafminers Dipterous		applications per season.  Do not apply within 21 days of harvest, or illegal residues may occur.
	Ì		Note: Diazinon will not control organophosphate- resistant leatminers.
Carrots	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediately incorporate into the soil. (See Soil 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. per acre	Broadcast just before planting and immediately incorporate into the top 4-
	Aphids	1 pt. per acre	8 inches of soil.  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 or illegal
Cauliflower	Root Maggots	2-3 qts. per acre	residues may occur.  Broadcast just before planting and immediately incorporate into the top 3-4 inches of soil.
	Cutworms	4-8 oz. in 50 gallons of water	In transplant water as a drench application when 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 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 transplanting.
		acre	planting and immediately incorporate into the soil. (See Soil 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. per acre	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
·	Aphids, Diamondback Moths, Imported Cabbage worms,	½-1 pt. per acre	Apply as insects occur. Repeat application, as necessary, up to 5 limes, with a minimum of 7 days between applications.
	Dipterous Leafminers		Do not apply within 7 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate- resistant leafminers.
Chinese Broccoli	Aphids, Diamondback Moths, Imported Cabbage worms, Dipterous Leafminers	1½-1 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 10 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Chinese	Aphids.	½-1 pt. per	Apply as insects occur.
Cabbage (Bok Choy	Diamondback Moths.	acre	Repeat application, as necessary, every 7 days.
and Napa)	Imported		Do not make more than 5
ана нара,	Cabbage		applications per season.
	worms,	}	approximation per section
	Dipterous		Do not apply within 10
	Leafminers		days of harvest or illegal
			residues may occur.
			Marka 6:- : :: :: ::
			Note: Diazinon will not
			control organophosphate- resistant leafminers.
Chinese	Aphids,	1/2-1 pt. per	Apply as insects occur.
Mustard (Gai	Diamondback	acre	Repeat application, as
Choy)	Moths,		necessary, every 7 days.
	Imported		Do not make more than 5
	Cabbage		applications per season.
	worms,		Da and annual control 40
	Dipterous Leafminers		Do not apply within 10 days of harvest or illegal
	Leanineis		residues may occur.
			residues may cools.
			Note: Diazinon will not
			control organophosphate-
	<del> </del>		resistant leafminers.
Chinese	Aphids,	1 pt. per acre	Mix in a minimum of 100
Radish	Diamondback	)	gallons of water per acre
(Japanese Radish or	Moths, Imported		and apply as a foliar spray as pests occur. Repeat
Daikon) (FL	Cabbage		application as necessary,
and CA only)	worms,		every 14 days. Do not
	Dipterous		make more than 3
	Leafminers		applications per season.
	}		Do not apply within 10
	1	i	days of harvest or illegal
			residues may occur.
			Note: Diazinon will not
			control organophosphate-
			resistant leafminers.
Collards	Cutworms	2-4 qts. per	Broadcast just before
	ł	acre.	planting and immediately
		i	incorporate into the soil.
	1	i	(See Soil Incorporation Note.)
	Mole Crickets	1 qt. per acre	One to two days before
	Thore onortors	, qu per ucie	planting, broadcast and
			immediately incorporate
			into the top 1-2 inches of
			soil.
	Wireworms	3-4 qts. per	Broadcast just before
	-	acre	planting and immediately
	1		incorporate into the top 4- 8 inches of soil.
	Aphids,	½-1 pt. per	Apply as insects occur.
	Diamondback	acre	Repeat application, as
	Moths,		necessary, every 7 days.
	Imported	Í	Do not make more than 5
	Cabbage		applications per season.
	worms.		
	Harlequin		Do not apply within 10
	bugs, Corn		days of harvest or illegal
Endive	Cutworms	2-4 qts. per	residues may occur. Broadcast just before
(Escarole)	Jumoinia	acre	planting and immediately
			incorporate into the soil.
			(See Soil Incorporation
			Note.)
	I Mala Cristiana	1 qt. per acre	One to two days before
	Mole Crickets		I alaaliaa beesalaasi sad
	Mole Crickets		planting, broadcast and
	Mole Crickets		immediately incorporate
	Mole Crickets		immediately incorporate into the top 1-2 inches of
			immediately incorporate into the top 1-2 inches of soil.
	Wireworms	3-4 qts. per	immediately incorporate into the top 1-2 inches of soil.  Broadcast just before
		3-4 qts. per	immediately incorporate into the top 1-2 inches of soil.

CROR	PEST	RATE	TIMING/SPECIAL
Endive	Aphids.	½-1 pt. per	Apply as insects occur
(Escarole)	Dipterous	acre	Apply as insects occur. Repeat application, as
cont'd.	Leafminers	acie	necessary, every 7 days.
COM U.	Ceaninieis		Do not make more than 5
			applications per season.
	İ		applications per season:
			Do not apply within 14
			days of harvest.
		1	1
	1	}	Note: Diazinon will not
			control organophosphate-
			resistant leafminers.
Ginseng	Leafhoppers.	34-1 pt. per	Spray when insects first
	Aphids, Lygus	acre	appear. For heavy insect
	Bugs, Flea		infestations, use 1 pt. per
	Beetles,		acre. Apply by ground
	Jumping		equipment using 10 to
	Plant Lice		100 gallons of water per
			acre. Do not apply more
	i		than one application per growing season. Do not
	-		apply during flowering of
			three or four year old
			crops. Do not apply within
	1		30 days of harvest. Do not
			graze treated areas or
	1		feed treated forage to live
	1.		stock.
Kale	Cutworms	2-4 qts. per	Broadcast just before
		асге	planting and immediately
			incorporate into the soil.
	J		(See Soil Incorporation
	<u> </u>		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. per	Broadcast just before
	***************************************	acre	planting and immediately
			incorporate into the top 4-
	İ		8 inches of soil.
	Aphids,	1/2-1 pt. per	Apply as insects occur.
	Diamondback	acre	Repeat application, as
	Moths,		necessary, every 7 days.
	Imported		Do not make more than
	Cabbage		5 applications per season.
	worms,	l	1
	Harlequin		Do not apply within 10
	bugs, Corn		days of harvest or illegal
Lettuce	Earworms Cutworms	2-4 qts. per	residues may occur. Broadcast just before
Lettuce	Cutworns	acre	planting and immediately
		acre	incorporate into the soil.
			(See Soil Incorporation
	1	l	Note.)
	Mole Crickets	1 qt. per acre	One to two days before
	1	1. 1. 10. 00.0	planting, broadcast and
			immediately incorporate
			into the top 1-2 inches of
			soil.
	Wireworms	3-4 qts. per	Broadcast just before
		acre	planting and immediately
	İ		incorporate into the top 4-
		1/ 1 =4 ===	8 inches of soil.
	Aphids,	½-1 pt. per	Apply as insects occur.
	Dipterous Leafminers	acre	Repeat application, as
	Leammers		necessary, every 7 days.  Do not make more than 5
			applications per season.
		i	applications per season.
			JDn not anniv within 14
			Do not apply within 14 days of harvest.
			days of harvest.
		ji	Do not apply within 14 days of harvest.  Note: Diazinon will not control organophosphate-

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Meions (Cantaloupes, Casabas,	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediately incorporate into the soil.
Crenshaws,			(See Soil Incorporation
Honeydews. Muskmelons,	Wireworms	3-4 qts. per	Note.) Broadcast just before
Persians and		acre	planting and immediately
Hybrids of			incorporate into the top 4-
these) and Watermelons	Aphids,	1/2-11/2 pts. per	8 inches of soil.  Apply as insects occur.
watermeions	Dipterous	acre	Repeat application, as
	Leafminers		necessary, every 7 days.
	Thrips, Striped	Ì	Do not make more than 5 applications per season.
	Cucumber Beetles.		Do not apply within 3 days
	Melonworms,		of harvest or illegal
	Leafhoppers,		residues may occur.
	Spider Mites		Note: Diazinon will not control organophosphate-
			resistant leafminers.
Mustard	Cutworms	2-4 qts. per	Broadcast just before
		асте	planting and immediately incorporate into the soil.
			(See Soil Incorporation
			Note.)
	Mole Crickets	1 qt. per acre	One to two days before
		i	planting, broadcast and immediately incorporate
			into the top 1-2 inches of
		0.4	Soil.
	Wireworms	3-4 qts. per acre	Broadcast just before planting and immediately
		acro	incorporate into the top 4-
			8 inches of soil.
	Aphids, Diamondback	½-1 pt. per acre	Apply as insects occur. Repeat application, as
	Moths,	acie	necessary, every 7 days.
	Imported		Do not make more than 5
	Cabbage		applications per season.
	worms, Dipterous		Do not apply within 10
	Leafminers		days of harvest or illegal
			residues may occur.
			Note: Diazinon will not control organophosphate-
			resistant leafminers.
Onions	Onion	2-4 qts. per	Broadcast just before
(Bulb and Green)	Maggots	acre	planting and mix into the top 3-4 inches of soil.
Gieen	}	}	Note: Diazinon will not
			control organophosphate-
	Contract to	4 44	resistant onion maggots.
	Onion Thrips	1 pt. per acre	Apply as thrips appear. 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
		0.4.77	residues may occur.
	Wireworms	3-4 qts. per acre	Broadcast just before planting and immediately
		acic	incorporate into top 4-8
	ļ		inches of soil.
Radishes	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediately
			incorporate into the soil.
	1	1	(See Soil Incorporation
	Note Original	1 01	Note.)
	Mole Crickets	1 qt. per acre	One to two days before planting, broadcast and
		[	immediately incorporate
	1	Ì	into the top 1-2 inches of
			soil.
	Wireworms	3-4 qts. per	Broadcast just before
	77116WOIIIS	acre	planting and immediately
		1	incorporate into the top 4-8 inches of soil.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Radishes	Aphids, Flea	½-1 pt. per	Apply as insects occur.
cont'd.:	Beetles,	acre	Repeat application, as necessary, every 7 days
	Dipteropus Leafminers		Do not make more than 3
	Leammers		applications per season.
			Do not apply within 14
		j	days of harvest or illegal
			residues may occur.
			Note: Diazinon will not
	]	j	control organophosphate-
A-1	0.1	2-4 ats. per	resistant leafminers. Broadcast just before
Spinach	Cutworms	acre	planting and immediately
		uoio	incorporate into the soil.
	)	ļ	(See Soil Incorporation
			Note.)
	Wireworms	3-4 qts. per	Broadcast just before
		acre	planting and immediately
	}	ļ	incorporate into the top 4- 8 inches of soil.
	Aphids,	½-1 pt. per	Apply as insects occur.
	Dipterous	acre	Repeat application, as
	Leafminers		necessary, every 7 days.
	1	ļ	Do not make more than 5
			applications per season.
			Do not apply within 14
		J	days of harvest.
-			Note: Diazinon will not
			control organophosphate-
0	-	0.4 ====================================	resistant leafminers
Sweet Corn	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediately
		acre .	incorporate into the soil.
			(See Soil Incorporation
			Note.)
	Seed Corn	2-4 qts. per	Broadcast just before
	Maggots	acre	planting and immediately
			incorporate into the top 2 inches of soil.
	Wireworms	3-4 qts. per	Broadcast just before
		acre	planting and immediately
			incorporate into the top 4-
			8 inches of soil.
	Corn	1-11/4 qts. per	Apply when silks first
	Earworms	acre	appear. Repeat application every 7 days if necessary.
			Do not make more than 5
			applications per season.
	Corn	½-1 pt. per	Apply as insects occur.
	Rootworm	acre	Repeat application, as
	(Adults).		necessary, every 7 days.
		ļ	Do not make more than 5 applications per season.
	Corn Leaf	1-2 pts. per	Apply in sufficient water to
	Aphids	acre	provide complete coverage
			to the upper portions of
	1		the plants. Repeat applica-
	1		tion, as necessary, every 7 days. Do not make more
		f .	than 5 applications per
			season.
	Grasshoppers,	1 pt. per acre	Apply as insects occur.
	Spider Mites, Fleabeetles	Į	Repeat application, as necessary, every 7 days.
	leadeollea	l	Do not make more than 5
		1	applications per season.
	Sap Beetles	2-21/2 pts. per	Consult local agricultural
		acre	authorities for proper
		Į	timing of sprays. Repeat
			application, as necessary, every 7 days. Do not make
			more than 5 applications
		<b>.</b>	per season.
Notes: (1) To p	protect bees, do	not apply foliarly	to corn during the pollen

Notes: (1) To protect bees, do not apply foliarly to corn during the pollen shed period. (2) Allow 7 days after the last application before grazing or cutting for forage. Forage may be fed to beef and dairy cattle and sheep. (3) Corn may be picked 7 days after the last application.

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			TIMING/SPECIAL
CROP	PEST	RATE	DIRECTIONS
Tomatoes	Cutworms	2-4 qts. per acre	Broadcast just before planting and immediately incorporate into the soil. (See Soil 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. per acre	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Dipterous Leatminers	½ 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	¾-1 pt. per acre	Do not apply within one day of harvest or illegal residues may occur  Notes: Diazinon will not control organophosphate-resistant leafminers.
	Armyworms Vinegar Flies (Drosophila	½-1½ pts. per acre	1 (23)31(a) (C (24)

#### **FIELD CROPS**

REI - 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	nterval (PHI*) for Foliar Applications	
Crop	PHI* (Days)	
Hops	14	
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	Aphids, Spider Mites	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-resistant leafminers.
·	Grasshoppers	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: Sugar be	et tops may be f	ed to beet and	dairy animais.

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, Holly 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 gallons 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	½ fl. oz.*	1 pt.**	
Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars.	1½ fl. 02*	3 pts.**	

<sup>\*1</sup> fl. oz. = 2 tablespoons

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

**Mimosa Webworms:** Mix  $\frac{1}{2}$  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 ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE, THE MANUFACTURER OR SELLER. IN NO CASE SHALL PLATTE, THE MANUFACTURER 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.

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<sup>\*\*16</sup> ft. oz. = 1 pint