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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

JUL 1 5 2003

Ms. Glenda Haage Registration Manager Platte Chemical Co. P.O Box 667 Greeley, CO 80632-0667

Dear Ms. Haage:

Subject: Amendment - Update label

Clean Crop Diazinon 50 WP Insecticide EPA Registration Number 34704-435 Your submission dated July 8, 2003

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

- 1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
- 2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling (please refer to your sub-registrant sample label you submitted; many of the comments below reflect variations between your sub-registrant label and your submitted labeling):
- a. Since you have deleted use on lawns, on the front panel delete "THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS".
- b. Revise the front panel claims to reflect the deletion of lawns and the limitation to commercial ornamentals, i.e., revise the claims to read "For control of certain insects and mites on fruits, nuts, vegetables, field crops, and ornamentals grown outdoors in nurseries,".
- c. In the second sentence of the Hazards to Humans and Domestic Animals section, replace "Do not breathe dust or spay mist." (which is Toxicity Category 2 language) with "Avoid breathing dust or spray mist.".

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- d. Under the heading First Aid, after the sentence "This product contains..." add "Have the product container or label with you when calling a poison control center or doctor, or going for treatment.".
- e. In the Environmental Hazards, delete "Avoid overlapping of sprays. Stop irrigation befor puddling occurs." (which referred to the now deleted use on lawns).
- f. You may delete the heading PHYSICAL OR CHEMICAL HAZARDS and the associated sentence, since these pertain to flammable petroleum based emulsifiable concentrate products not wettable powders.
- g. In the Chemigation directions, correct the references to your product's name to to read "DIAZINON 50WP" rather than "DIAZINON 50W".
- h. At the end of the Chemigation directions, after OPERATING INSTRUCTIONS, add the Note about withholding further irrigation for 48 hours and the additional two paragraphs about avoiding excess water during application and avoiding chemigation water collection or runoff that appear on your sub-registrant label.
- i. In the first sentence of the second paragraph under the heading FRUIT AND NUT CROPS, correct "or nut tress" to read "or nut trees".
- j. For Cranberries, for the pest Blackheaded Fireworms, in the Timing/Special Directions replace "Apply when pest appears." with "Apply to larval stage. Pheromone trap captures and sweep monitoring may be used to optimize treatment timing.'.
- k For Cranberries, .for the pest Cranberry Fruitworms, in the Timing/Special Directions replace "Apply when insects appear." with Cranberry growth stage and/or berry inspection for eggs may be used to optimize treatment timing; consult your local extension agent or pest management advisor."
- For Prunes, in the Timing/Special Directions column delete the horizontal line at the beginning of the Leafcurl Plum Aphids entry, since "Apply as needed every 7 days" applies to both blocks of pests.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely,

George T. LaRocca Product Manager 13 Insecticide Branch Registration Division (7505C)

3 7 12

RESTRICTED USE PESTICIDE

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.

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS.



DIAZINON 50WP

Insecticide IN WATER SOLUBLE PACKETS

Organophosphate insecticide

ACTIVE INGREDIENT:

INERT INGREDIENTS:

TOTAL 50.0%

Diazinon 50WP is a wettable powder.

For control of certain insects and mites on fruits, nuts, vegetables, field crops, lawns & ornamentals.

For specific pests, refer to use directions.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Additional Precautionary Statements Below

EPA REG. NO. 34704-435 EPA EST. NO. 67545-AZ-1

NET WEIGHT 28 LBS. (11.78 KG)

EXP 07Y03

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Do not breathe dust or spray mist. Avoid contact with skin, eyes, and clothing. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans or pets. Do not contaminate ornamental fish ponds.

Be sure to read and follow "Worker Safety Rules" appearing in this label.

Personal Protective Equipment:

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, 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.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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.
ı	lf 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. Call a poison control center or doctor for further treatment advice.
	If in eyes:	 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. Call a poison control center or doctor for treatment advice.

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 anti-dotal. 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.

ENVIRONMENTAL HAZARDS

This pesticide 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 and waterfowl. Avoid overlapping of sprays. Stop irrigation before puddling occurs. 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 application rates recommended on this tabel. 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.

with COMMENTS in EPA Letter Dated

JUL 1 5 2003

as amended, for the periode registered under EPA Reg. No. 34704-435

This product is registered for use in or on:

Almonds (CA only) Apples Apricots Reets Blackberries (CA, OR, WA only) (CA, OR, WA only) Broccoli Brussels Sprouts Cabbage (CA, OR, WA only)

Carrots Cauliflows

Chemies

Chinese Broccoli

Chinese Cabbage (Bok choy and Napa)

Collards Cranberries (CA, OR, WA only) Endive (Escarole) Graces Hops Kale Lettuce Loganberries (CA, OR, WA only)

Pineappl Plums Prunes Radishes Raspberries (CA, OR, WA only) Seed Treatment, Planter Box (Corn and Succulent es and Beans) Soinach Sugar Beets eet Corn

Tomatoes

Onions Omamentals (grown outdoors in nurseries only)

Mushroom Houses

Mustard

Nectarines

Walnuts (CA only)

GENERAL INFORMATION

This product is a wettable powder which should be mixed with sufficient water to assure thorough coverage unless otherwise noted in the Directions for Use.

Best control is obtained when application is made at first sign of pests. Application should be repeated only as directed to maintain control.

Since this product is a wettable powder formulation, constant agitation is necessary during application.

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

Do not apply this product in greenhouses, dwellings, or barns,

DIRECTIONS FOR USE

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

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

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, waterproof gloves, 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, PLANT INJURY, OR ILLEGAL RESIDUES.

CHEMIGATION

APPLICATION THROUGH AN IRRIGATION SYSTEM

DIAZINON 50W 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 mix-

712 ing, let stand for 5 minutes. If the combination remains mixed, or can be readily, the mixture is compatible.

Crop injury, tack 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 r source contamination from backflow.
- 2. The pesticide injection pipeline must contain a functional, automatic, quickclosing 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 imigation system is either automatically or manually shut down.
- 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 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.
- 7.Do not apply when wind speed favors drift beyond the area intended for

Operating Instructions

- 1. Determine the acreage to be treated by the sprinkler system
- 2. Measure the appropriate amount of DIAZINON 50W 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 50W to the chemigation system supply tank and ditute with water if needed. Constant agitation is required to keep the product in solution when DIAZINON 50W is used alone or tank mixed with other pesticides registered for sprinkler or drip chemigation.
- Start the irrigation system and bring the system up to full pressure, making cer-tain that all sprinkler heads are functioning property.
- 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.

WORK SAFETY RULES

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

When handling this product, 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

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 rinsates 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: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. 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 or 1-800-424-9300 day or night.

FRUIT AND NUT CROPS

REI - 24 hours

This product may be applied using ground or aerial application equipment as specified in the table below. This table also indicates the minimum amount of water that can be used for the various methods of application.

The rate of this product for aerial spray or concentrated spray applied by ground equipment is based on a dilute full cover spray applied to fruit or nut tress 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. (Note: "lbs." or "lbs. of product" in the directions means pounds of this product, not pounds of active ingredient). If the "Rate" calls for 1 lb. of this product per 100 gallons of water, this amounts to 3-4 lbs. of product per acre when applied to fruit trees at 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 directions for use for individual crops.

	Aerial Application	Ground Application Minimum Gais./Acre	
Сгор	Minimum Gals/Acre	Dilute	Concentrate
Almonds*	20	100	20
Apples	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
Pears	20	100	20
Pineapple	20	200	
Plums	20	100	20
Prunes	20	100	20
Rasobernies**	20	100	20
Walnuts*	20	100	20

^{*} CA only

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

Crop	PHI*
Almonds	**
Apples	21
Apricots	21
Blackberries	7
Boysenbernes	. 7
Chemies	21
Cranberries	7
Dewberries	7
Grapes	28
Loganberries	7
Nectarines	21
Peaches	21
Pears	21
Pineapple	7
Plums, Prunes	21
Raspherries	7
Strawberries	5
Walnuts	45

*PHI= Pre-Harvest Interval or the number of days between the last application

**= Dormant spray only.

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

Сгор	Pest	Rate	Timing/Special Directions
Almonds	San Jose Scale,	1-11/2 lbs.	Apply as a single dormant spray.
(CA only)	Parlatoria Scale.	+ 2-3 gals.	Do not apply more than 6 lbs. of
,,	Black Scale.	dormant	product of 9 gallons of oil per
	Brown Scale,	oil or 1-11/2	acre.
	Apricot Scale,	gals.	uu o.
	European Red	superior	
	Mite Eggs, Brown	type oil in	
	Mite Eggs, Twig	100 gals.	
	Borers, Apple	of water	
		Of Water	
	Aphid Eggs, Black		
	Cherry Aphid Eggs.		
	Mealy Plum Aphid		
	Eggs, Mealybugs		
Apples	San Jose Scale,	1 lb. + 2	Apply as a dormant or delayed
	Parlatoria Scale,	gals.	dormant spray. Do not apply
	Black Scale, Brown		more than 4 lbs. of product or 6
	Scale, Apricot	or 1-11/2	gallons of oil per acre.
	Scale, European	gais.	,
	Red Mite Eggs.	superior	
	Brown Mite Eggs,	type oil in	
	Twig Borers, Apple		
	Aphid Eggs, Black		
	Cherry Aphid Eggs.	Of Wales	
	Mealy Plum Aphid		
	Eggs, Mealybugs		
	Leathoppers	1 lb. in	Apply, beginning at petal fall, as
		100 gals.	infestations develop. Repeat
	1	of water	application in 14 days if
			necessary.
	Eyespotted Bud	1 tb. in	Make 3 cover sprays, beginning
	Moths, Fruit Tree	100 gals.	at pink stage. Do not repeat
	Leafrollers,	of water	application closer than 14 days.
	Mealybugs		,,
	Codling Moths,	1 lb. in	Make 3 cover sprays, beginning
	Rosy Apple	100 gals.	when infestations occur. Do not
	Aphids, Green	of water	repeat applications closer than
	Apple Aphids,	0. 0000	14 days.
	Woolly Apple		14 days.
		ļ	Market 849
	Aphids, Spider		Note: Mites will be suppressed if
	Mites		diazinon is used in the regular
			diazinon is used in the regular cover spray program, Slight rus-
			diazinon is used in the regular cover spray program. Slight rus- seting may occur on some vari-
			diazinon is used in the regular cover spray program. Slight rus-
			diazinon is used in the regular cover spray program. Slight rus- seting may occur on some vari-
		1 lb. in	diazinon is used in the regular cover spray program. Slight rus- seting may occur on some vari- eties of apples such as Golden
	Mites	1 lb. in 100 gals.	diazinon is used in the regular cover spray program. Slight rus- seting may occur on some vari- eties of apples such as Golden Delicious.
	Mites		diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when flies are active and laying eggs. Do
	Mites	100 gals.	diazinon is used in the regular cover spray program. Slight russeling may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when flies are active and laying eggs. Do not repeat applications closer
	Mites	100 gals.	diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when flies are active and laying eggs. Do
	Mites	100 gals.	diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when flies are active and laying eggs. Do not repeat applications closer than 14 days.
	Mites	100 gals.	diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when flies are active and laying eggs. Do not repeat applications closer than 14 days. Note: Diazinon may not control
	Mites	100 gals.	diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when files are active and laying eggs. Do not repeat applications closer than 14 days. Note: Diazinon may not control organophosphate-resistant apple
	Mites Apple Maggots	100 gals. of water	diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when files are active and laying eggs. Do not repeat applications closer than 14 days. Note: Diazinon may not control organophosphate-resistant apple maggots.
	Apple Maggots San Jose Scale	100 gals. of water	diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when files are active and laying eggs. Do not repeat applications closer than 14 days. Note: Diazinon may not control organophosphate-resistant apple maggots. Apply early in the season when
	Apple Maggots San Jose Scale Crawlers, Forbes	100 gals. of water 1 lb. in 100 gals.	diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when flies are active and laying eggs. Do not repeat applications closer than 14 days. Note: Diazinon may not control organophosphate-resistant apple maggots. Apply early in the season when crawlers first appear. If infesta-
	Apple Maggots San Jose Scale	100 gals. of water	diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious. Make 3 cover sprays when files are active and laying eggs. Do not repeat applications closer than 14 days. Note: Diazinon may not control organophosphate-resistant apple maggots. Apply early in the season when

more than 12 lbs, of product per acre per season. (2) To avoid illegal residues, allow a minimum of 21 days between the last application and harvest. Apricots San Jose Scale, Parlatoria Scale, Black Scale, Black Scale, Apricot Scale, Apricot Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig borers, Apple Aphid Eggs, Mealy Plum Aphid Eggs, Mealy	Notes: (1) Do	not apply more tha	n 4 lbs. of pr	roduct per acre per application and no
Apricots San Jose Scale, Partatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig boers: Apple Aphid Eggs, Mealy Plum Aphid Eggs, Meal	more than 12	ibs, of product per a	cre per seas	ion. (2) To avoid illegal residues, allow
Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs Aphids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale	a minimum of	21 days between th	e last applic	ation and harvest.
Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Meaty Plum Aphid Eggs, Meatybugs Aphids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale	Apricots	San Jose Scale,	1 lb. + 2	Apply as a dormant spray. Do not
Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig borns, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plurn Aphid Eggs, Mealybugs Aptids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale		Parlatoria Scale,	gals.	apply more than 4 lbs. of product
Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig borers. Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs Aptids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale		Black Scale,	dormant	or 6 gations of oil per acre.
European Red Mite Eggs, Brown Mike Eggs, Twig borers. Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs Aphids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale		Brown Scale,	oil or 1-11/2	_
Eggs, Brown Mite Eggs, Twig borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs Aphids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale				
Eggs, Twig borers. Apple Aphid Eggs, Black Cherry Aphid Eggs, Meaty Plum Aphid Eggs, Meatybugs Apkids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale		European Red Mite	superior	
Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plurn Aphid Eggs, Mealybugs Aphids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale		Eggs, Brown Mite	type oil in	
Black Cherry Aphid Eggs, Meatly Plum Aphid Eggs, Meatlybugs Aphids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale				
Eggs, Meafy Plum Aphid Eggs, Mealybugs Aphids, Brown Mites (Clover 100 gals. Mites), Two- Spotted Spider Mites, Olive Scale			of water	
Aphid Eggs, Mealybugs Aphids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale Apply as infestations occur. Repeat application after 14 days if necessary.				
Mealybugs Aphids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale Mealybugs Apply as infestations occur. Repeat application after 14 days if necessary.				
Aphids, Brown Mites (Clover Mites), Two- Spotted Spider Mites, Olive Scale Apply as infestations occur. Repeat application after 14 days of water if necessary.				
Mites (Clover Mites), Two-Spotted Spider Mites, Olive Scale Repeat application after 14 days if necessary.		Mealybugs		
Mites), Two- Spotted Spider Mites, Olive Scale			1 lb. in	Apply as infestations occur.
Spotted Spider Mites, Olive Scale			100 gals.	Repeat application after 14 days
Mites, Olive Scale			of water	if necessary.
Crawlers, San Jose			j '	
Scale Crawlers		Scale Crawlers		

[&]quot;CA, OR, or WA only

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DIAZINON 50 WP EPA REG, NO. 34704-435

Сгор	Pest	Rate	Timing/Special Directions
Apricots	Olive Scale	½ lb. + 1½	Apply when scale crawlers are
cont'd.	Crawlers	gals, of light	
		medium	4 lbs. of product or 6 gallons of
		horticultural	oil per acre per application.
		oil in 100	
		gals. of	
		water	
	Apricot Mealybugs	1 lb. in	Apply as a cover spray from
		100 gais.	petal fall to June. Allow 14 days
		of water	between applications.
			oduct per acre per application and no
			on. (2) To avoid illegal residues, allow
	21 days between th		
Caneberries	Leathoppers.	2 tos. per	Apply as insects occur. Repeat
(CA, OR,	Thrips, Aphids,	acre in a	application after 14 days if
	Two-Spotted	minimum	necessary. Do not make more
(Blackbernes,		of 100 gais.	than 5 applications per season.
Boysenberries,		of water	Do not apply within 7 days of
Dewberries,	Fruitworms	(200 gals.	harvest or illegal residues may
Loganbemes,		of water	occur.
Raspberries)	,	maximum)	
			For raspberry fruitworm make
			one application when blossom
		· '	buds separate. Make a second
			application immediately before
	K	3.4%	blossoms open.
	Dryberry Mites	2-4 lbs. per	Apply as a dormant spray in the
		acre in a	early Spring, when canes are still
	!	minimum	on the ground and buds are
		of 100 gals.	closed. Make a second
		of water	application when buds are well
			developed but still closed.
	Raspberry Crown	4 lbs. per	Apply as a drench to the crown
	Borers (Raspberry		and lower canes in the spring
	Root Borers)	minimum	before buds break.
		of 100	
		gals. of	
		water	
Cherries	San Jose Scale,	11/4 lbs. +	Apply as a dormant spray. Do not
	Parlatoria Scale,	3 gais.	apply more than 4 lbs. of product
	Black Scale,	dormant	or 6 gallons of oil per acre.
	Brown Scale,	oil or 1-1%	
	Apricot Scale,	gais.	
	European Red Mite		
	Eggs, Brown Mite	type oil in	
	Eggs, Twig borers,		
	Apple Aphid Eggs,	of water	
	Black Cherry Aphid	Ī	
	Eggs, Mealy Plum		
	Aphid Eggs,		
	Mealyougs	1	
	Eyespotted Bud	1 lb. in	Apply as infestations occur
	Moths, Fruit Tree	100 gals.	beginning at petal fall. Repeat
	Leafrollers	of water	application after 7 days if
			necessary.
	Leafhoppers	1 lb. in	Make 3-4 applications beginning
		100 gais.	at petal fall and continuing
		of water	through the growing season as
			infestations occur. Allow 7 days
			between applications.
	Cherry Fruitflies	1 lb. in 1 lb. in 1 lb. in	Make 3-4 applications beginning
	l '	100 gals.	when adult flies begin to emerge
		of water	and repeating at 10-day
			intervals.
	Black Cherry	1 lb. in	Apply as a cover spray when
	Aphids	100 gals.	aphids appear. Repeat applica-
	L	of water	tion after 10 days if necessary.
	San Jose Scale	1 lb. in	Apply during the pre-pink stage
	Crawlers	100 gats.	or when crawlers first appear.
		of water	
	Cherry Rust Mites		Apply as a single supplemental
	,,		
	ł	. 100 cals	Ispray to trees after harvest.
	ŀ	100 gais. of water	spray to trees after harvest.

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

Crop	Pest	Rate	Timing/Special Directions
Cranberries	Blackheaded	4 lbs. in a	Apply when pest appears.
	Fireworms	minimum	Repeat application after 14 days
		of 15 gals.	if necessary. A maximum of 6
	ł	of water per	applications per season is
		acre for	permitted.
		ground	
	1	application	
	ĺ	and up to	l
		400 gals.	
		of water per	1
		acre for	
		chemigation	
	Cranberry	6 lbs. in a	Apply when pest appears.
	Fruitworms	minimum	Repeat application after 14 days
		of 15 gals.	if necessary. A maximum of 4
		of water per	applications per season is
		acre for	permitted.
		ground	
		application	
	i	and up to	J
		400 gals.	
		of water per	
		acre for	1
	}	chemigation	i

Notes: (1) This product may be applied to cranternies through sprinkler irrigation. Refer to the Chemigation section for specific chemigation directions for use. (2) Do not use water from irrigated or flooded cranterny beds for drinking purposes or to irrigate crops other than those appearing on EPA-approved diazinon label. (3) Do not apply more than 24 pounds of product per acre per season. (4) To avoid filegal residues, allow a minimum of 7 days between the tast application and harvest.

d harves			
apes	Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leaffolders, Omnivorous Leafrollers, Aphids, Spider Mites	acre in a minimum of 100 gals. of water	Apply as a thorough cover spray when pest appears. Repeat application after 7 days if necessary.
	Drosophila spp.	6 oz, per acre in a minimum of 100 gals, of water (300 gals, of water maximum)	

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

Nectarines | San Jose Scale, | 1 ib. + 2-3 | Apply as a dormant spray. Do not

w a minim	um of 28 days betw	een the last	application and harvest.
tarines		1 b. + 2-3	
	Partetoria Scale,	gats. of	apply more than 4 lbs. of product
	Black Scale, Brown	dormant	or 6 gallons of oil per acre.
	Scale, European	oil or 1-1%	
	Red Mite Eggs.	gals.	
	Twig Borers, Apple	superior	
	Aphid Eggs, Black	type oil in	
	Cherry Aphid Eggs.	100 gals.	
	Mealy Plum Aphid	of water	
	Eggs, Mealybugs		
	Aphids, Brown	1 lb. in 100	Apply as infestations occur.
	Mites (Clover Mites),	gais. of	Repeat application after 7 days if
	Two-Spotted Spider	water	necessary.
	Mites, Olive Scale		
	Crawlers, San Jose		
	Scale Crawlers		
	Peach Twig Borers,	1 lb. + 1	Apply at petal fall. Do not apply
	Partatoria Scale	gai, light	more than 4 lbs. of product or 4
	J	medium	gallons of summer oil per acre.
		summer	
		horticultural	
		oil in 100	
	ļ	gals. of	
		water	
	Olive Scale		Apply as insects occur. Do not
	Crawlers	gals, light	apply more than 4 lbs. of product
	J	medium	or 4 gallons of summer oil per
		horticultural	
		oil in 100	days between applications.
		gals. of	
	Oriental Equitmoths	water	Apoly at 100% petal fall, Make 2
		100 gals. of water	additional applications at 10-15 day intervals, Time the last
		O Waler	application to peak adult flight

Application to peak adult flight.

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

Crop Peaches

<u> </u>	Pest	Rate	Timing/Special Directions
hes	San Jose Scale, Parlatoria Scale,	1 lb. + 2-3 gais.	Apply as a dormant spray. Do not apply more than 4 lbs. of product
	Black Scale, Brown		or 6 gallons of oil per acre.
	Scale, Apricot	or 1-11/2	,
	Scale, European	gals.	
	Red Mite Eggs,	superior	
	Brown Mite Eggs, Twig Borers, Apple	type oil in	
	Aphid Eggs, Black		
	Cherry Aphid Eggs,		
	Mealy Plum Aphid		
	Eggs, Mealybugs		
	Aphids, Brown	1 lb. in	Apply as infestations occur.
	Mites (Clover Mites), Two-Spotted Spider		Repeat application after 14 days if necessary.
	Mites. Olive Scale	UI Water	ii necessary.
	Crawlers, San Jose		
	Scale Crawlers		
		1 (b. + 1	Apply at petal fall. Do not apply
	Parlatoria Scale	gal. light	more than 4 lbs. of product or 4
		medium	gallons of oil per acre.
	1	summer horticultural	
		oil in 100	
		gais. of	
		water	
	Olive Scale		Apply as insects occur. Do not
	Crawlers	gals, light	apply more than 4 lbs. of product
	1	medium	or 4 gallons of summer oil per
	1		acre per application. Allow 7
	1	oil in 100	days between applications.
	1	gais, or	
	Oriental Fruit	water	Apoly at 100% petal fail. Make 2
	Moths	gals, of	additional applications at 10-15
		water	day intervals. Time the tast
			application to peak adult flight.
	Peach Twig Borers	1 lb. in	Apply as insects occur in May
	1	100 gals.	and June. Allow 7 days between
		of water	applications.
	Leafhoppers	1 lb. in	Make 3-4 applications beginning
	1	100 gals. of water	at petal fall and continuing
	ł	OI Water	through the growing season. Allow at least 7 days between
			applications.
	White Peach Scale	1½-2 lbs.	Apply post harvest timed to coin-
	1	in 100	
	1	mi iuu	ICIUE WILLDOOK CIOWIEL GIN
		gats. of	cide with peak crawler and immature scale activity. Under
			immature scale activity. Under conditions of heavy infestation 2
		gats. of	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may
.a. /41 D	not make grown tha	gais. of water	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed.
		gais. of water n 4 lbs. of p	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and
ore than	12 lbs. of product po	gais. of water n 4 lbs. of p er acre per s	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed.
ore than	n 12 lbs. of product po num of 21 days betw San Jose Scale,	gals. of water n 4 lbs. of p er acre per s een the last	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and leason. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not
ore than	12 lbs. of product pour of 21 days betwoen San Jose Scale, Parlatoria Scale,	gais. of water n 4 lbs. of p er acre per s een the last 1 lb. + 2-3 gais.	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and season. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product
ore than	1 12 lbs. of product pour of 21 days betwo San Jose Scale, Parlatoria Scale, Black Scale,	gals. of water n 4 lbs. of per acre per seen the last 1 lb. + 2-3 gals. dormant	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and season. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gallons of oil per acre.
ore than	1 12 lbs. of product p	gals. of water 1 4 tbs. of per acre per seen the last 1 lb. + 2-3 gals. dormant oil or 1-1½	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and season. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gallons of oil per acre.
ore than	n 12 lbs. of product p	gais. of water n 4 tbs. of p er acre per s een the last 1 lb. + 2-3 gais. dormant oil or 1-1½ gais.	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and leason. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gallons of oil per acre.
ore than	n 12 lbs. of product proum of 21 days betw San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red	gals. of water n 4 lbs. of p er acre per s een the last 1 lb. + 2-3 gals. domant oil or 1-11/2 gals, superior	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and leason. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gallons of oil per acre.
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ore than	n 12 lbs. of product pour of 21 days betw San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Pear	gals. of water n 4 lbs. of per acre per seen the last 1 lb. + 2-3 gals. dormant oil or 1-1½ gals, superior type oil in 100 gals.	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and season. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gallons of oil per acre.
ore than	n 12 lbs. of product p num of 21 days betw San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Poar Leaf Blister Mite	gals. of water n 4 lbs. of per acre per seen the last 1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and season. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gallons of oil per acre.
ore than	n 12 lbs. of product proum of 21 days betw San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Pear Leaf Blister Mite Eggs, Twig Borers,	gals. of water n 4 lbs. of per acre per seen the last 1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and season. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gallons of oil per acre.
ore than	112 lbs. of product pour of 21 days betwood 21 days betwood 21 days betwood 21 days betwood 22 days betwood 22 days days days days days days days days	gals. of water n 4 ibs. of per acre per seen the last 1 lb. + 2-3 gals. domant oil or 1-1½ gals, superior type oil in 100 gals. of water	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and leason. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gallons of oil per acre.
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ore than	112 lbs. of product pour of 21 days betw San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Pear Leaf Blister Mite Eggs, Wealt Block Cherry Aphid Eggs, Mealybugs	gals. of water n 4 lbs. of per acre per seen the last 1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water ½-1 lb. in 100 gals.	immature scale activity. Under conditions of heavy infestation 2 applications (7 days apart) may be needed. roduct per acre per application and leason. (2) To avoid illegal residues, application and harvest. Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gallons of oil per acre. Apply as a cover spray at prepink stage. Make 1-2 additional applications during the first and second cover sprays, if necessary. Allow at least 14 days
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Crop Pears	Dan mé	Rate	Timing/Special Directions
	Pest Apple Maggots	1 lb. in	Make 3 cover sprays when flies
cont'd.		100 gals.	are active and laying eggs. Allow
	<u>'</u>	of water	at least 14 days between
			applications.
			Note: Diazinon will not control
			organophosphate resistant apple
			maggot.
	San Jose Scale	1 lb. in	Apply early in the season when
	Crawlers, Forbes Scale Crawlers	100 gals. of water	crawlers first appear, if infesta- tion warrants, make a second
	Scale Clawlers	OI Water	application 14 days later.
Notes: (1) Do	not apply more that	n 4 lbs. of p	roduct per acre per application and
			eason. (2) To avoid illegal residues,
		een the last 2 lbs. per	application and harvest.
Pineapple	Pineapple Mealybugs		Repeat application as necessary every 28 days up to a maximum
	Meanyougo	-500 gals.	of 8 applications. Do not apply
		of water	within 7 days of harvest or illegal
			residues may occur.
			Pineapple forage and refuse may
Oli usono	Con Jose Coole	1 lb. + 2-3	not be fed to livestock. Apply as a dormant spray. Do not
Plums	San Jose Scale, Parlatoria Scale.	gals.	apply as a dorman spray. Do not apply more than 4 lbs. of product
	Black Scale, Brown		or 6 gallons of oil per acre. If
	Scale, Apricot	oil or 1-1%	applied in late April or May, mix
	Scale, European	gals.	diazinon with 1 gallon of light
	Red Mite Eggs,	superior	medium summer horticultural oil
	Brown Mite Eggs,	type oil in 1 100 gals.	per 100 gations of water.
	Twig Borers, Apple Aphid Eggs, Black		
	Cherry Aphid Eggs,		
	Mealy Plum Aphid	ł	
	Eggs, Mealybugs	<u> </u>	
	Brown Mites,	1 lb. in	Apply as needed every 7 days.
	Clover Mites, European Red	100 gals. of water	
	Mites	OI WAICE	
	Leafcurt Plum	1/2-1 lb. in	
	Aphids, Mealy	100 gals.	
	Plum Aphids,	of water	
N-4 (4) D	Thistle Aphids	a 4 lba of a	roduct per acre per application and
			season. (2) To avoid illegal residues,
			application and harvest.
Prunes	San Jose Scale,	4	Apply as a dormant spray. Do not
	Pariatoria Scale,	lgais.	apply more than 4 lbs. of product
		1	
	Black Scale, Brown		or 6 gallons of oil per acre. For
	Scale, Apricot	oil or 1-11/2	or 6 gallons of oil per acre. For late April or May applications,
	Scale, Apricot Scale, European		or 6 gallons of oil per acre. For
	Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs,	oil or 1-1½ gals. superior type oil in	or 6 gallons of oil per acre. For late April or May applications, mix diazinon with 1 gallon of light
	Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple	oil or 1-1½ gals. superior type oil in 100 gals.	or 6 gallons of oil per acre. For late April or May applications, mix diazinon with 1 gallon of light medium summer horticultural oil
	Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black	oil or 1-1½ gals. superior type oil in 100 gals. of water	or 6 gallons of oil per acre. For late April or May applications, mix diazinon with 1 gallon of light medium summer horticultural oil
	Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs,	oil or 1-1½ gals. superior type oil in 100 gals. of water	or 6 gallons of oil per acre. For late April or May applications, mix diazinon with 1 gallon of light medium summer horticultural oil
	Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid	oil or 1-1½ gals. superior type oil in 100 gals. of water	or 6 gallons of oil per acre. For late April or May applications, mix diazinon with 1 gallon of light medium summer horticultural oil
	Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	oil or 1-1½ gals. superior type oil in 100 gals. of water	or 6 gallons of oil per acre. For late April or May applications, mix diazinon with 1 gallon of light medium summer horticultural oil per 100 gallons of water.
	Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid	oil or 1-1½ gals. superior type oil in 100 gals. of water	or 6 gallons of oil per acre. For late April or May applications, mix diazinon with 1 gallon of light medium summer horticultural oil
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Notas: (1) D	Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs Brown Mites, Ciover Mites, European Red Mites Leafcurl Plum Aphids, Mealy Plum Aphids, Thistle Aphids	oil or 1-1½ gals. superior type oil in 100 gals. of water 1 lb. in 100 gals. of water 1/2-1 lb. in 100 gals. of water	or 6 gallons of oil per acre. For late April or May applications, mix diazinon with 1 gallon of light medium summer horticultural oil per 100 gallons of water.
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Notes: (1) Do not make more than 3 foliar applications per season. (2) Do not apply more than 2 lbs. of product per acre per application and no more than 8 lbs. of product per acre per season. (3) Allow a minimum of 5 days between the last application and harvest.

Crop	Pest	Rate	Timing/Special Directions
Walnuts (CA only)	Aphids, Spider Mites	2 lbs. in 100 gals. of water per acre	Apply as a foliar spray as needed. Repeat application in 14 days if necessary. Do not make more than 3 applications per
	Codling Moths, Scale Crawlers, Walnut Caterpillars	6 lbs, in 100 gals, of water per acre	season.

Notes: (1) Do not apply more than 6 pounds of product per acre per application and no more than 18 pounds 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 50 WP should always be applied as a spray in sufficient water to assure thorough coverage of the foliage or soil. DIAZI-NON 50 WP may be applied aerially or by ground application as specified in the following table. The specific amount of product to be used appears under the separate directions for use for each crop.

	Groun	nd Application		
	MINIMUM	MINIMUM	Aerial Application MINIMUM Gallons/Acre	
Сгор		DF .		
	Gallons/Acre	Gallons/1,000 Sq. Ft.		
Beets, Red (Table)	10		5	
Broccoli	10	2	5	
Brussels Sprouts	10	2	5	
Cabbage	10	2	5	
Cantaloupes	5	1	5	
Carrots	10	2	5	
Casaba maions	5	1	5	
Cauliflower	10	2	5	
Chinese Broccoli	10	2	5	
Chinese Cabbage	10	2	5	
Chinese Mustard	10	2	5	
Collards	10	2	5	
Crenshaw melons	5	1	5	
Endive (Escarole)	10	2	5	
toneydew Melons	5	1	5	
(ale	10	2	5	
Lettuce				
Head and Leaf)	10	2	5	
Auskmeions	5	1	5	
Austard	10	2	5	
Onions (Bulb and	10	2	5	
Green)				
Persian Melons	5	1	5	
tadishes	10	2	5	
Spinach	10	2	5	
Sweet Com	20	4	5	
omatoes	10	2	5 .	
Vatermelons	5	1	5	

*Do not use on commercially grown potatoes which will be hand-harvested.

Observe stated time intervals between last application and harvest as well as intervals between and maximum numbers of applications per season.

Pre-Harvest Intervals (PHI*) for Foliar Applications

Crop	PHI* (Days)
Beets, Red (Table)	14
Broccoli	7
Brussets Sprouts	7
Cabbage	21
Cantaloupes	3
Carrots	14
Casabas	3
Cauliflower	7
Chinese Broccoli	10
Chinese Cabbage	10
Chinese Mustard	10
Collards	10
Crenshaws	3
Endive (Escarole)	14
Honeydew Melons	3
Kale	10
Lettuce (Head and Leaf)	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 cell to recommended depth (see Tiester (fig. 1)). vator, 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	Cutworms	4-8 lbs. per	
(Table)		acre or	and immediately incorporate into
		1½-3 oz.	the soil. (See Soil Incorporation
		per 1,000	Note.)
	Mala Calabara	square feet	
	Mole Crickets	2 lbs. per	Apply to plant beds or fields 1-2
		acre or %	days before planting, and
		oz. per	immediately incorporate into the
		1,000	top 1-2 inches of soil.
		square feet	A
	Wireworms	6-8 los. per	Broadcast just before planting
	ļ		and immediately incorporate into
		-3 oz. per	the top 4-8 inches of soil.
		1,000	
		square feet	
	Aphids, Dipterous	1/2-1 lb. per	
	Leafminers	acre or	application as necessary up to 5
		15 - 25 OZ.	times with a minimum of 7 days
		per 1,000	between applications. Do not
		square feet	apply within 14 days of harvest.
		ì	or illegal residues may occur.
		i	
		1	Note: Diazinon will not control
			organophosphate-resistant
		<u> </u>	leafminers.
Broccoli	Root Maggots		Broadcast just before planting or
			transplanting and immediately
		-2¼ oz. per	incorporate into the top 3-4
		1,000	inches of soil.
		square feet	
		4-8 oz. in	in transplant water as a drench
		50 gals.	application when 200-300
		of water	gallons of water are used per
		acre.	Apply 1/-1 cup (4 to 8 oz.)
			per plant by hand or by tractor
		1	mounted sprayer equipped with
	ł		drop nozzles to direct spray to
			the base of the plant.
		1	Note: Transplant water treat-
		1	ments may result in stand reduc-
			tion due to plant stress at time of
			transplanting.
	Cutworms	4-8 lbs.	Broadcast just before planting
	Cutworns	per acre or	and immediately incorporate into
		11/2-3 oz.	the soil. (See Soil Incorporation
		per 1,000	Note.)
		square feet	140.00.7
	Mole Crickets	2 lbs. per	Apply to plant beds or fields 1-2
	INCHE CITANGLE	acre or 1/4	days before planting and
			immediately incorporate into the
		oz. per 1,000	top 1-2 inches of soil.
			wip t™c filteres of SUII.
	Wireworms	square feet	Occadent just before planting
	TTHEWORTS		Broadcast just before planting
		acre or 21/4	
		-3 oz. per	the top 4-8 inches of soil.
	I	1,000 square feet	
	A-Lid- Di		
	Aphids, Diamond	1/2-1 lb. pen	
	back Moths	先1 lb. per acre or	application, as necessary, up to
	back Moths, Imported Cabbage	1/2-1 lb. per acre or 1/5 - 2/5 Oz.	application, as necessary, up to 5 times, with a minimum of 7
	back Moths, Imported Cabbage worms, Dipterous	1/2-1 lb. per acre or 1/5 - 2/5 Oz. per 1,000	application, as necessary, up to
	back Moths, Imported Cabbage	1/2-1 lb. per acre or 1/5 - 2/5 Oz.	application, as necessary, up to 5 times, with a minimum of 7 days between applications.
	back Moths, Imported Cabbage worms, Dipterous	1/2-1 lb. per acre or 1/5 - 2/5 Oz. per 1,000	application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 7 days of
	back Moths, Imported Cabbage worms, Dipterous	1/2-1 lb. per acre or 1/5 - 2/5 Oz. per 1,000	application, as necessary, up to 5 times, with a minimum of 7 days between applications.
	back Moths, Imported Cabbage worms, Dipterous	1/2-1 lb. per acre or 1/5 - 2/5 Oz. per 1,000	application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 7 days of
	back Moths, Imported Cabbage worms, Dipterous	1/2-1 lb. per acre or 1/5 - 2/5 Oz. per 1,000	application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 7 days of harvest, or ittegal residues may
	back Moths, Imported Cabbage worms, Dipterous	1/2-1 lb. per acre or 1/5 - 2/5 Oz. per 1,000	application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 7 days of harvest, or ittegal residues may
	back Moths, Imported Cabbage worms, Dipterous	1/2-1 lb. per acre or 1/5 - 2/5 Oz. per 1,000	application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 7 days of harvest, or illegal residues may occur.

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DIAZINON 50 WP EPA REG. NO. 34704-435

Crop	Pest	Rate	Timing/Special Directions
Brussels	Root Maggots	4-6 lbs. per	Broadcast just before planting or
Sprouts		acre or	transplanting and immediately
		1½-2¼ oz. per 1,000	incorporate into the top 3-4 inches of soil.
		square feet	Thomas of Bon
	}	4-8 oz. in	In transplant water as a drench
		50 gals. of water	application when 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 spray to the base of the plant.
			Note: Transplant water treat-
	1	1	ments may result in stand reduc-
			tion due to plant stress at time of
	Cutworms	4.8 lbs. ner	transplanting. Broadcast just before planting
	Outhoms	acre or	and incorporate into the soil.
		11/2-3 oz.	(See Soil Incorporation Note.)
		per 1,000	
	Mole Crickets	square feet 2 lbs. per	Apply to plant beds1-2 days
	More Crickets	acre or %	before planting and immediately
	1	oz. per	incorporate into the top 1-2
		1,000	inches of soil.
	Wireworms	square feet	Broadcast just before planting
	AAILEMOLLIIS		and immediately incorporate into
	1		the top 4-8 inches of soil.
	Ì	1,000	
	Aphida Diagond	square feet	Apply as insects occur. Repeat
	Aphids, Diamond back Moths,	acre or	application, as necessary, up to
	Imported Cabbage	15 - 25 OZ.	5 times with a minimum of 7
	worms	per 1,000	days between applications.
		square feet	De not nach within 7 days of
	Į.		Do not apply within 7 days of harvest, or illegal residues may
			occur.
Cabbage	Root Maggots	4-6 lbs.	Broadcast just before planting
			and immediately incorporate
		11/2-21/4 oz. per 1,000	into the top 3-4 inches of soil.
		square feet	
		4-8 oz. in	In transplant water as a drench
		50 gats.	application when 200-300
		of water	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 spray to
			the base of the plant.
			Note: Transplant water treat-
			ments may result in stand reduc-
			tion due to plant stress at time of
	Cuthurana	40%-	transplanting.
	Cutworms	4-8 lbs. per acre or 11/4	Broadcast just before planting and immediately incorporate
	Ī	-3 oz. per	into the soil. (See Incorporation
		1,000	Note.)
	111111111111111111111111111111111111111	square feet	
	Mole Crickets	2 lbs. per acre or %	Apply to plant beds or fields 1-2 days before planting and
		oz. per	lays before planting and immediately incorporate into the
		1,000	top 1-2 inches of soil.
		square feet	
	Wireworms	6-8 lbs. per acre or 21/4	Broadcast just before planting and immediately incorporate into
		-3 oz. per	the top 4-8 inches of soil.
		1,000	
		square feet	
		11/2-1 lb. per	Apply as insects occur. Repeat
	Aphids, Diamond		application, as necessary, up to
	back Moths	acre or	5 times with a minimum of 7
	back Moths, imported Cabbage	¹ /5 - ² /5 OZ.	5 times with a minimum of 7 days between applications.
	back Moths		days between applications.
	back Moths, Imported Cabbage worms, Dipterous	¹ /5 - ² /5 OZ. per 1,000	days between applications. Do not apply within 21 days of
	back Moths, Imported Cabbage worms, Dipterous	¹ /5 - ² /5 OZ. per 1,000	days between applications. Do not apply within 21 days of harvest, or illegal residues may
	back Moths, Imported Cabbage worms, Dipterous	¹ /5 - ² /5 OZ. per 1,000	days between applications. Do not apply within 21 days of
	back Moths, Imported Cabbage worms, Dipterous	¹ /5 - ² /5 OZ. per 1,000	days between applications. Do not apply within 21 days of harvest, or illegal residues may
	back Moths, Imported Cabbage worms, Dipterous	¹ /5 - ² /5 OZ. per 1,000	days between applications. Do not apply within 21 days of harvest, or illegal residues may occur.

		-	
Crop	Pest Cutworms	Rate 4-8 lbs.	Timing/Special Directions Broadcast just before planting
Carrots	Culworns	per acre	and immediately incorporate into
	1	or 11/2-3	the soil. (See Soil Incorporation
	1	oz. per	Note.)
		1,000 square feet	
	Mole Crickets	2 lbs. per	Apply to plant beds or fields 1-2
	111010 01101010	acre or	days before planting and
		% oz. per	immediately incorporate into the
		1,000	top 1-2 inches of soil.
	Wireworms	square feet 6-8 lbs.	Decades it is before planting
	Wileworms	per acre	Broadcast just before planting and immediately incorporate into
		or 21/4-3	the top 4-8 inches of soil.
		oz. per	·
		1,000	
	Carrot Rust Fly	square feet 4 lbs. per	Apply as a drench to the seed
	Carrocitabeing	acre or	furrow at planting.
	ļ	11/2 oz. per	
		1,000	
	A shida	square feet	
	Aphids	1 lb. per acre or 25	Apply as insects occur. Repeat application, as necessary, up to
		oz. per	5 times with a minimum of 7
		1,000	days between applications.
		square feet	
			Do not apply within 14 days of harvest, or illegal residues may occur.
Cauliflower	Root Maggots	4-6 lbs.	Broadcast just before planting or
	3,7	per acre or	transplanting and immediately
		1½-2¼ oz.	incorporate into the top 3-4
		per 1,000	inches of soil.
	1	square feet 4-8 oz. in	In transplant water as a drench
		50 gals.	application when 200-300
		of water	gailons of water are used per
	•	асте.	Apply 1/2-1 cup (4 to 8 oz.)
		1	per plant by hand or by tractor
•			mounted sprayer equipped with drop nozzles to direct spray to
		Į.	the base of the plant.
	i	}	The second of the particular o
)
			Note: Transplant water treat-
			ments may result in stand reduc-
			tion due to plant stress at time of transplanting.
	Cutworms	4-8 lbs.	Broadcast just before planting
		per acre or	and immediately incorporate into
		11/4-3 oz.	the soil. (See Soil Incorporation
		per 1,000	Note.)
	Mole Crickets	square feet 2 lbs. per	Apply to plant beds 1-2 days
	INOIC OTICHUM	acre or %	before planting and immediately
		oz. per	incorporate into the top 1-2
	1	1,000	inches of soil.
	Minness	square feet	
	Wireworms	lo∹⊍≅os.pei acre or	Broadcast just before planting and immediately incorporate into
		21/4-3 oz.	the top 4-8 inches of soil.
		per 1,000	·
	<u> </u>	square feet	
	Aphids, Diamond		Apply as insects occur. Repeat
	back Moths, Imported Cabbage	acre or 15 - 25 oz.	application, as necessary, up to 5 times with a minimum of 7
	worms. Dipterous	per 1 000	davs between applications.
	Leafminers	square feet	
		1	Do not apply within 7 days of
			harvest, or illegal residues may
			occur.
			Note: Diazinon will not control
			organophosphate-resistant
	 	1	leafminers.
Chinese	Aphids, Diamond	1/2-1 lb. per	Apply as insects occur. Repeat
Broccoli,	back Moths, imported Cabbage	acre or 15 - 25 oz.	application, as necessary, up to
Chinese Cabbage,	worms, Dipterous	per 1,000	5 times with a minimum of 7 days between applications.
(Bok Choy	Leafminers	square feet	any posterior approprior.
and Napa)			Do not apply within 10 days of
Chinese	1		harvest, or illegal residues may
Mustard		[occur.
(Gai Choy)			Nata: Diazinas will not
		ĺ	Note: Diazinon will not control organophosphate-resistant
	1	ĺ	leafminers.
	<u> </u>		

Стор	Pest	Rate	Timing/Special Directions
Collards	Cutworms	4-8 lbs. per acre or	Broadcast just before planting and immediately incorporate
		acre or 11⁄2–3 oz.	into the soil. (See Soil
		per 1,000	Incorporation Note.)
	Mola Cacheta	square feet	Annly to plant hade as falds 4.3
	Mole Crickets	2 lbs. per acre or ¾	Apply to plant beds or fields 1-2 days before planting and
	i	oz. per	immediately incorporate into the
		1,000	top 1-2 inches of soil.
	Wireworms	square feet 6-8 lbs. per	Broadcast just before planting
	- Transferred	acre or	and immediately incorporate into
		2¼-3 oz.	the top 4-8 inches of soil.
		per 1,000 square feet	
	Aphids, Diamond		Apply as insects occur. Repeat
	back Moths,	acre or	application, as necessary, up to
	Imported Cabbage	15 - 25 OZ.	5 times with a minimum of 7
	worms, Harlequin Cabbagebugs,	per 1,000 square feet	days between applications. Do not apply within 10 days of
	Com Earworms		harvest, or illegal residues may
F-45	 	4 0 lba	Occur.
Endive (Escarole)	Cutworms	4-8 lbs. per acre or	Broadcast just before planting and immediately incorporate into
,,		11⁄2-3 oz.	the soil. (See Soil Incorporation
		per 1,000	Note.)
	Mole Crickets	square feet 2 ibs. per	Apply to plant beds or fields 1-2
		acre or	days before planting or
		% oz. per	transplanting and immediately
		1,000 souace feet	incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs.	Broadcast just before planting
		per acre or	and immediately incorporate 4-8
		21/4-3 oz. per 1,000	inches into soil.
		square feet	
	Aphids, Dipterous		Apply as insects occur. Repeat
	Leafminers	acre or	application, as necessary, up to
]	¹ 5 - ² 5 0Z. per 1,000	5 times with a minimum of 7 days between applications.
		square feet	
		'	harvest.
	1		Note: Diazinon will not control
	•		organophosphate-resistant
	<u> </u>		leafminers.
Kale	Cutworms	4-8 los. per acre or	Broadcast just before planting and immediately incorporate into
	į	11/2-3 oz.	the soil. (See Soil Incorporation
		per 1,000	Note.)
	Mole Crickets	square feet 2 lbs. per	Apply to plant beds 1-2 days
	More Crickets	acre or 1/4	before planting and immediately
		oz. per	incorporate into the top 1-2
		1,000	inches of soil.
	Wireworms	square feet 6-8 lbs. per	Broadcast just before planting
		acre or	and immediately incorporate into
]	21/4-3 OZ.	the top 4-8 inches of soil.
	1	per 1,000 square feet	
	Aphids, Diamond		Apply as insects occur. Repeat
	back Moths,	acre or	application, as necessary, up to
	Imported Cabbage worms, Harlequin	1s-2s oz. per 1,000	5 times, a minimum of 7 days between applications.
	Cabbagebugs,		Do not apply within 10 days of
			harvest, or illegal residues may
	Corn Earworms] `	
I olhusa (Use d	Corn Earworms		occur.
	Corn Earworms	4-8 lbs.	occur. Broadcast just before planting
	Corn Earworms	4-8 lbs. per acre or 11⁄2-3 oz.	occur.
	Corn Earworms	4-8 lbs. per acre or 11⁄2-3 oz. per 1,000	occur. Broadcast just before planting and immediately incorporate into
	Corn Earworms Cutworms	4-8 lbs. per acre or 11/2-3 oz. per 1,000 square feet	occur. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Lettuce (Head and Leaf)	Corn Earworms	4-8 lbs. per acre or 11/2-3 cz. per 1,000 square feet 2 lbs. per	occur. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds 1-2 days
	Corn Earworms Cutworms	4-8 lbs. per acre or 11/2-3 oz. per 1,000 square feet	occur. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2
	Corn Earworms Cutworms	4-8 lbs. per acre or 11/2-3 oz. per 1,000 square feet 2 lbs. per acre or 1/4 oz. per 1,000	occur. Broadcast just before planting and immediately incorporate into the soil. (See Soil incorporation Note.) Apply to plant beds 1-2 days before planting and immediately
	Corn Earworms Cutworms Mole Crickets	4-8 lbs. per acre or 11/4-3 oz. per 1,000 square feet 2 lbs. per acre or % oz. per 1,000 square feet	occur. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Corn Earworms Cutworms	4-8 lbs. per acre or 11/4-3 oz. per 1,000 square feet 2 lbs. per acre or % oz. per 1,000 square feet	occur. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2
	Corn Earworms Cutworms Mole Crickets	4-8 ibs. per acre or 11/4-3 oz. per 1,000 square feet 2 ibs. per acre or % oz. per 1,000 square feet 6-8 ibs. per acre or 21/4-3 oz.	occur. Broadcast just before planting and immediately incorporate into the soil. (See Soil incorporation Note.) Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil. Broadcast just before planting
	Corn Earworms Cutworms Mole Crickets	4-8 lbs. per acre or 1½-3 oz. per 1,000 square feet 2 lbs. per acre or % oz. per 1,000 square feet 6-8 lbs. per acre or	occur. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil. Broadcast just before planting and immediately incorporate into

	David	Rate	Timina/Sasaisi Nimetians
Сгор	Pest	1/2-1 tb. per	Timing/Special Directions Apply as insects occur. Repeat
Lettuce	Aphids, Dipterous		
(Head and	Leafminers	acre or	application, as necessary, up to
Leaf) cont'd.		15 - 25 OZ.	5 times with a minimum of 7
		per 1,000	days between applications. Do
		square feet	not apply within 14 days of
			harvest.
			N-4 Diiiiib4i
			Note: Diazinon will not control
			organophosphate-resistant
			leafminers.
Melons	Cutworms		Broadcast just before planting
Cantaloupes,		acre or	and immediately incorporate into
Casabas,		1½-3 oz.	the soit. (See Soil Incorporation
Crenshaws,		per 1,000	Note.)
Honeydew,		square feet	
Muskmelons,	Wireworms	6-8 lbs. per	Broadcast just before planting
Persians, and		acre or	and immediately incorporate into
Hybrids of		21/4-3 oz.	the top 4-8 inches of soil.
these) and		per 1,000	
Watermeions		square feet	
	Aphids, Dipterous	1/4-11/2 lbs.	Apply as insects occur. Repeat
	Leafminers, Thrips,	per acre or	application, as necessary, every
	Striped Cucumber		7 days. Do not make more than
	Beetles.	per 1,000	5 applications per season. Do
	Meionworms,	square feet	
	Leafhoppers,	04000	harvest, or illegal residues may
	Spider Mites		OCCUT.
	Obine Miles	l	made.
		[Note: Diazinon will not control
	<u>l</u>	l	organophosphate-resistant
		I	
	Mala Cristina	2 00	leafminers.
Mustard	Mole Crickets	2 lbs. per	Apply to plant beds or fields 1-2
		acre or %	days before planting and
		oz. per	immediately incorporate into the
		1,000	top 1-2 inches of soil.
		square feet	
	Wireworms	6-8 lbs. per	Broadcast just before planting
		acre or	and immediately incorporate
		2¼-3 oz.	into the top 4-8 inches of soil.
		per 1,000	-
		square feet	
	Aphids, Dipterous	1/4 -1 lb. per	Apply as insects occur. Repeat
	Leafminers.	acre or	application, as necessary, up to
	Diamondback	15 - 25 OZ.	5 times, with a minimum of 7
	Moths, Imported	per 1,000	days between applications.
	Cabbageworms	square feet	
			harvest.
		l	Note:Diazinon will not control
		l	organophosphate-resistant
	Ī		leafminers.
Onione (Buth	Onion maggots	4-8 lbs.	Broadcast just before planting
and Green)	CHOI Haggoo	per acre	and mix into the top 3-4 inches
and Green)			
		or 11/4-3 oz.	
		per 1,000	Note.)
		square feet	
			organophosphate-resistant onion
	<u> </u>	ļ. <u>.</u>	maggots.
	Onion Thrips	1 lb. per	Apply as thrips appear. Repeat
	1		after 7 days, if necessary. Do not
	1	oz. per	make more than 3 applications
	Ī	1,000	per season.
		square feet	
		square feet	Do not apply within 14 days of
		square feet	Do not apply within 14 days of harvest or illegal residues may
		square feet	
	Wireworms	square feet 6-8 lbs. per	harvest or illegal residues may occur.
	Wireworms		harvest or illegal residues may occur.
	Wireworms	6-8 lbs. per	harvest or illegal residues may occur. Broadcast just before planting
	Wireworms	6-8 lbs. per acre or 2¼ -3 oz.	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into
	Wireworms	6-8 lbs. per acre or 2¼ -3 oz. per 1,000	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Radishes		6-8 lbs. per acre or 2¼ -3 oz. per 1,000 square feet	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Radishes	Wireworms	6-8 lbs. per acre or 2½ -3 oz. per 1,000 square feet 4-8 lbs.	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting
Radishes		6-8 lbs. per acre or 2½ -3 oz. per 1,000 square feet 4-8 lbs. per acre or	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into
Radishes		6-8 lbs. per acre or 2¼-3 oz. per 1,000 square feet 4-8 lbs. per acre or 1½-3 oz.	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation
Radishes		6-8 lbs. per acre or 2½ -3 oz. per 1,000 square feet 4-8 lbs. per acre or 1½-3 oz. per 1,000	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into
Radishes	Cutworms	6-8 lbs. per acre or 2½ -3 oz. per 1,000 square feet 4-8 lbs. per acre or 1½-3 oz. per 1,000 square feet	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Radishes		6-8 lbs. per acre or 2½ -3 oz. per 1,000 square feet 4-8 lbs. per acre or 1½-3 oz. per 1,000 square feet 2 lbs. per	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds or fields 1-2
Radishes	Cutworms	6-8 lbs. per acre or 2½ -3 oz. per 1,000 square feet 4-8 lbs. per acre or 1½-3 oz. per 1,000 square feet 2 lbs. per acre or ½	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds or fields 1-2 days before planting and
Radishes	Cutworms	6-8 lbs. per acre or 2½ -3 oz. per 1,000 square feet 4-8 lbs. per acre or 1½-3 oz. per 1,000 square feet 2 lbs. per acre or ½ oz. per % oz. per	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the
Radishes	Cutworms	6-8 lbs. per acre or 2½ -3 oz. per 1,000 souare feet 4-8 lbs. per acre or 1½-3 oz. per 1,000 souare feet 2 lbs. per acre or ½ oz. per 1,000	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds or fields 1-2 days before planting and
Radishes	Cutworms Mole Crickets	6-8 lbs. per acre or 2¼ -3 oz. per 1,000 square feet 4-8 lbs. per acre or 1½-3 oz. per 1,000 square feet 2 lbs. per acre or ¼ oz. per 1,000 square feet	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
Radishes	Cutworms	6-8 lbs. per acre or 2½ -3 oz. per 1,000 souare feet 4-8 lbs. per acre or 1½-3 oz. per 1,000 souare feet 2 lbs. per acre or ½ oz. per 1,000	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil. Broadcast just before planting
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Radishes	Cutworms Mole Crickets	6-8 lbs. per acre or 2½ -3 oz. per 1,000 square feet 4-8 lbs. per acre or 1½-3 oz. per 1,000 square feet or ½ oz. per 1,000 square feet 6-8 lbs.	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.) Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil. Broadcast just before planting
Radishes	Cutworms Mole Crickets	6-8 lbs. per acre or 2¼ -3 oz. per 1,000 square feet 1½-3 oz. per 1,000 square feet 0.2 per 1,000 square feet 6-8 lbs. per acre or 4	harvest or illegal residues may occur. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporate into Note.) Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil. Broadcast just before planting and immediately incorporate into

Beetles, Dipterous per acre or application as necessary up to 3

Rate

½−1 lb.

Pest

Aphids, Flea

Crop

cont'd.

Timing/Special Directions

Apply as insects occur. Repeat

DOM U.	Leafminers	15 - 25 OZ	times with a minimum of 7 days
	1	per 1,000	between applications.
		square feet	Do not apply within 14 days of
			harvest or illegal residues may occur.
		ļ	Note: Diazinon will not control
			organophosphate-resistant
		<u> </u>	leafminers.
Spinach	Aphids, Dipterous Leafminers	1∕2−1 lb.	Apply as insects occur. Repeat
	Leaminers	peracre or 15-45 oz.	application, as necessary, up to 5 times, with a minimum of 7
		per 1,000	days between applications.
		square feet	
	ſ	1	Do not apply within 14 days of
		1	harvest.
		1	Note: Diazinon will not control
			organophosphate-resistant leafminers.
Sweet Corn	Cutworms	4-8 tbs.	Broadcast just before planting
			and immediately incorporate into
	1	11/4-3 oz.	the soil. (See Soil Incorporation
	ĺ	per 1,000	Note.)
	Seed Corn	4-8 lbs.	Broadcast just before planting
	Maggots	per acre or	and immediately incorporate into
	95	11/2-3 oz.	the top 2 inches of soil.
	1	per 1,000	i `
		square feet	
	Wireworms	6-8 lbs.	Broadcast just before planting
		2 1/4-3 oz.	and immediately incorporate into the top 4-8 inches of soil.
	ł	per 1,000	THE TOP TO RICHES OF SOIL
	1	square feet	l
	Corn Earworms	2-21/4 lbs.	Apply when siks first appear.
	1		Repeat application every 7 days
	1	¾-1 oz.	up to a maximum of 5
	ļ	per 1,000 square feet	applications, if necessary.
	Corn Leaf Aphids	1-2 lbs.	Apply in sufficient water to
		per acre or	
		² 5 − ¾ OZ.	upper portions of the plants.
		per 1,000	Repeat in 7 days if necessary.
		Square feet	Do not make more than 5 applications per season.
	Grasshoppers,	1 lb. per	Apply as insects occur. Repeat if
	Spider Mites,	acre or 2s	necessary, but do not make
	Fleabeetles	oz. per	more than 5 applications per
		1,000	season.
	C== Daatles	square feet	
	Sap Beetles	2-21/2 lbs.	Consult local agricultural authorities for proper timing of
		%-1 oz.	application. Repeat application in
	•	per 1,000	7 days, if necessary. Do not
			make more than 5 applications
	L	Der season	
			rly to com during the pollen shed en the last application and grazing or
			lays after the last application.
Tomatoes		4-8 lbs.	Broadcast just before planting
		per acre or	and immediately incorporate into
			the soil. (See Soil Incorporation
	}		Note.)
	Mole Crickets	square feet 2 lbs, per	Apply to plant beds 1-2 days
			before planting and immediately
			incorporate into the top 1-2
		1,000	inches of soil.
	146	square feet	
	Wireworms	6-8 tbs.	Broadcast just before planting
			and immediately incorporate into the top 4-8 inches of soil.
		per 1,000	I TO THE PARTY OF SOME
		square feet	
	Aphids, Dipterous	1/2 lb. per	Apply as insects appear. Repeat
	Leatminers	acre or 15	application after 7 days, if
			necessary. Do not make more
]	1,000	than 5 applications per season.
		SHARIES ISSE	Do not apply within one day of harvest or illegal residues may
		1	OCCUr.
			Note: Diazinon will not control

Crop	Pest	Rate	Timing/Special Directions
Tomatoes	Banded Cucumber	¾-1 lb.	
cont d.	Beetles, Fall Army	per acre or	
	worms, Southern	3no - 25 OZ.	ł
	Armyworms, Beet	рег 1,000	1
	Armyworms	square feet	
	Vinegar Flies	1/2-11/2 ibs.	1
	(Drosophila spp.)	per acre or	
		15 - 35 OZ.	
		per 1,000	
		square feet	

MUSHROOM HOUSES

Mushroom flies (Phorids and Sciarids)

Mix 4-5 lbs. of DIAZINON 50 WP in 50 gallons of water and spray on outside and inside walls, floors and sideboards of mushroom houses after compost has been pasteurized by heating. Also spray over the plastic covering the beds and trays after spawning. Note: Do not spray the compost To avoid illegal residues, do not apply more than 3 applications to mushroom houses per crop.

SEED TREATMENT—PLANTER BOX TREATMENT

In the planter box, mix with seed as a dry mixture. Stir slightly using a mixing stick. DO NOT MIX WITH BARE HANDS. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seed beyond planting time. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of excess treated seed by burial away from bodies of water.

Notes: (1) If seed has not been treated with a fungicide, use an EPA-registered fungicide in combination with DIAZINON 50 WP at rates indicated on the fungicide package. Failure to use a fungicide may result in injury to the seed. (2) If the seed treatment increases the friction between seeds sufficiently to reduce the rate of delivery through the planter, ½ oz. of graphite per bushel seed should be added as a drill lubricant. Adjust the planter to give the required rate of seed delivery with the treated seed. (3) Treated seed must not be used for or mixed with food or animal feed or processed for oil.

Com

Seedcorn Beetle; Mix 3 oz. per bushel of seed.

Corn, Succulent Peas and Succulent Beans Seedcorn Maggot: Mix ½ oz. per bushel of seed.

FIELD CROPS

REI - 24 hours

Apply soil and foliar applications of DIAZINON 50 WP 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 Intervals (PHI*) For Foliar Applications
Crop PHI*
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	2 lbs.	Apply as pests occur. Repeat
	Mites	per acre	applications, if necessary in 14
	i	1	days. Do not make more than 4
	i	1	applications per season or apply
		1	within 14 days of harvest or
			illegal residues may occur.
Sugar Beets	Wireworms	6-8 lbs.	Broadcast just before planting
	ļ.	per acre	and immediately incorporate into
	Į.	ŀ	the top 4-6 inches of soil.
	j .	J	Do not apply more than 8 lbs. of
			this product to the soil, per
			season.
	Beet Leafhoppers.	%-1 lb.	Apply as insects occur. Repeat
	Dipterous Leaf	per acre	application, as necessary, up to
	miners, Aphids		5 times per season with a
	Ì		minimum of 7 days between
	[applications.
			Do not apply within 14 days of
	}		harvest.
	1		Note: Diazinon will not control
	j		organophosphate-resistant
			leafminers.
	Grasshoppers	1 lb. per	Apply as insects occur. Repeat
		acre	application, as necessary, up to
	1	l	5 times per season with a
		1	minimum of 7 days between
		1	applications.
		I	Do not apply within 14 days of
		L	harvest
Note: Tops m	ray be fed to beef a	nd dairy ar	imals.

lorganophosphate-resistant

afminers.

INSECT CONTROL ON ORNAMENTALS GROWN OUTDOORS IN NURSERIES

REI - 12 hours

To control certain insects on ornamentals, such as 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.

	Amount of DIAZINON 50 WP to Use	
Insects	Rate per 3 gallons water	Rate per 100 gallons 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, Leaf hoppers, Obscure Root Weevils, Omnivorous Leafliers, Privet Mites, Scale Crawlers (Cottonycushion, Lecanium, Pine Needle, San Jose, Soft), Thrips, Two-Spotted Spider Mites, Juniper Webworms, Whiteflies.	1/4 OZ.	1 lb.
Apple-and-Thom Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Obliquebanded Leaf rollers, Pear Slugs, Tent Caterpillars	1½ oz.	3 lbs.

Note: 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 lb. 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 UNITED HORTICULTURAL SUPPLY, THE MANUFACTURER OR SELLER. IN NO CASE SHALL UNITED HORTICULTURAL SUPPLY, 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. EXCEPT AS EXPRESSLY PROVIDED HEREIN, UNITED HORTICULTURAL SUPPLY, THE MANUFACTURER 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, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND UNITED HORTICULTURAL SUPPLY'S, THE MANUFACTURER'S OR SELLER'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.