# 3/6/2002

## 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.



# ACCEPTED

MAR - 6 2002

Under the Federal Insections. Fungicide, and Rodenticide Act, as amended, for the pesticide registered under BPA Reg. No. 197/3-492

# Diazinon 50WP

Insecticide

For control of certain Insects and Mites on Fruits, Nuts, Vegetables, Field crops, Lawns and Ornamentals grown outdoors in nurseries. For specific pests, refer to use directions.

#### ACTIVE INGREDIENT:

Diazinon	50.0%
OTHER INGREDIENTS:	50.0%
TOTAL:	100.0%

Diazinon 50WP is a wettable powder.

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

See FIRST AID Below

EPA Reg. No. 19713-492 EPA Est. No. 19713-GA-1

**Net Contents:** 

#### FIRST AID

#### IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallo
- Do not induce vomiting unless told to do so by a poison control center or
- Do not give anything by mouth to an unconscious or convulsing person.

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- · Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye

#### IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes

- 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 treatment advice. Have the product contains or label with you when calling a poison control center or doctor, or going for treatment For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

NOTE TO PHYSICIAN: This product contains diazinon, an organophosphate that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should be administered only in conjunction with atropine.

#### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes and clothing. Avoid contamination of food and feed. Food utensils, such as teaspoons or measuring cups, must not be used for (Continued)

## PRECAUTIONARY STATEMENTS (Cont.)

food purposes after use in measuring pesticides. Keep out of reachof domestic animals. Do not use on humans or pets. Do not contaminate ornamental fish ponds. Be sure to read and follow "WORK SAFETY RULES" and Worker Protection precautions appearing on this label.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks and waterproof gloves Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering control statement: When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the 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: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) 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 and waterfowl. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, 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 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 to 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.

#### **GENERAL INFORMATION**

DIAZINON 50WP is a wettable powder which, when diluted with water according to the directions, is intended for control of insect pests of agricultural crops and other plants. Do not use this product 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.

> Manufactured By: **Drexel Chemical Company** P.O. BOX 13327, MEMPHIS, TN38113-0327

> > SINCE 1972

· 492SP-0202++ DIAZINON 50WP Page 1 of 11

#### MIXING PROCEDURES

Thoroughly clean spray equipment before using this product. Prepare only the amount of spray mixture needed for the immediate application. Vigorous agitation is necessary for proper dispersal of this product. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand in the spray tank overnight. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

#### This product Alone:

Add half of the required amount of water to the mix tank. With the agitator running, add this product to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after this product has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

#### This product in Tank-Mixtures:

NOTE: Do not mix this product with any formulation of Captan or Captec™ because crop injury may occur.

This product is compatible with most insecticide and fungicide products; however, physical compatibility with tank mix partners should be tested before use. Using a quart jar, add the proportionate amounts of each product to 1 quart of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be readily remixed, the products are compatible.

Once the compatibility has been proven, add half of the required amount of water to the mix tank. Start the agitator running before adding any tank-mix partners. Add tank-mix partners in this order: all products in water-soluble packaging, wettable powders, wettable granules (dry flowables), liquid flowables, liquids and emulsifiable concentrates. Always allow each tank mix partner to fully disperse before adding the next product. Maintain sufficient agitation white adding the remainder of the water and until all of the mixture has been applied.

When using this product in tank-mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions and limitations which appear on the tank mix products' label. Confirm that the tank mixture is safe to the crop by spraying a small area first, and evaluating crop safety after an appropriate period. Do not treat larger areas until crop safety has been confirmed.

#### DIRECTIONS FOR USE

#### RESTRICTED USE PESTICIDE

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. 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 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 (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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 (REI). The requirements in this box only apply to uses of this product that are covered by the WPS. Do not enter or allow worker entry to treated areas during the REI.

Exception: If the product is soil-injected or soil-incorporated, the WPS, 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 WPS 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 this product on Grapes, Nectarines and Peaches. 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 PRE-CAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CON-TROL, CROP INJURY OR ILLEGAL RESIDUES.

#### WORK 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 INHIBITOP.

When handling this product, do not rub eves or mouth with hands. If you feel sick in any way. STOP work and get help right away. See "FIRST AID" section of this labe.

#### SPRAY EQUIPMENT

Applications of this product using sufficient water volume to provide thorough and uniform coverage generally provide the most effective pest control. To avoid spray drift, do not apply when conditions favor drift from beyond the target area. Avoid overlap because crop injury may occur. Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use.

For more information on spray equipment and calibration, consult sprayer manufacturer's and state recommendations. For specific local directions and spray schedules, consult your local or state agricultural authorities.

#### **AERIAL APPLICATION**

Avoid application when uniform coverage will not result or when excessive spray drift may occur. Do not allow product to contact animals or unprotected persons.

#### CHEMIGATION

Application Through an Irrigation System (Chemigation)—
This product 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 ensure 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.

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 your 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 con tal a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

#### Sprinkler and Drip (Trickle) Chemigation

- 1 The system must contain a functional check-valve, a vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 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 use sprinkler chemigation 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 this product 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.

0

- 3 Add the pre-measured product to the chemigation system supply tank and dilute with water if needed. Constant agitation is required to keep the product in solution when this product 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 certain that all sprinkler heads are functioning properly.
- Engage the chemigation injection or venturi system to add this product 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 farthest from the chemigation injection point.

NOTE: When treatment with this product has been completed, further field irrigation over the treated area should be avoided for 48 hours to prevent washing this product off the crop. Apply this product only in sufficient irrigation water to achieve thorough plant coverage. Excess water will wash the product from the plant, resulting in poor control. To avoid a hazard to animals, wells or adjoining crops, do not allow irrigation water to collect or runoff.

#### FRUIT AND NUT CROPS

#### REI - 24 Hours.

This product may be applied using ground or aerial application equipment as specified in the following table. 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 trees with conventional ground equipment at a rate of 300 to 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: "pounds or pounds of product" in the directions means pounds of this product, not pounds of active ingredient). If the "Rate" calls for 1 pound of this product per 100 gallons of water, this amounts to 3 to 4 pounds of product per acre when applied to fruit trees at usual dilute ground spray volumes of 300 to 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	Minimum Gels. per Acre	
Crop	Gals. per Acre	Dilute	Concentrate
Almonds", Apples, Apricots, Blackberries", Blueberries, Boysenberries", Cherries	20	100	20
Cranberries	20	15	<del>-</del>
Dewberries**, Grapes, Logarberries**, Nectarines, Peaches, Pears	20	100	20
Pineapple	20	200	<del>-</del>
Plums, Prunes, Raspberries**, Strawberries, Wainuts*	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 number of applications that can be made per season.

Crop	PHI
Almonds	**
Apples, Apricots, Cherries, Nectarines, Peaches, Pears, Plums, Prunes	21
Blackberries, Blueberries, Boysenberries, Cranberries, Dewberries, Loganberries, Pineapple, Raspberries	7
Grapes	28
Strawberries	5
Wainuts	45
*PHI = Pre-Harvest Interval or the number of days between the last app	lication and

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.

\*\*\* Dormant Spray Only

<del></del>		
Fruit and Nut Crop	Pests Controlled	Rate
Aimends (CA Only)	Apple aphid eggs. Apricot scales. Black cherry aphid eggs. Black scales. Brown mite eggs, Brown scales. European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales. San Jose scales. Twig borers	1 to 1.5 lbs + 2 to 3 gals dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply only a dormant spray. Do not apply more than 6 lbs. gals. of oil per acre.	
Apples	Apple aphid eggs, Apricot scales, Black scales, Black cherry aphid eggs, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Twig borers	1 lb. + 2 gals. dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water
	TMING/SPECIAL DIRECTIONS: Apply as a delayed-domant spray. Do not apply more the product or 6 gals, of oil per acre.	
	Leathoppers	1 lb. per 100 gals. of water
	TMING/SPECIAL DIRECTIONS: Apply, begin as infestations develop. Repeat application in necessary.	
	Eyespotted bud moths, Fruittree leafrollers, Mealybugs	1 fb. per 100 gals, of water
	TMING/SPECIAL DIRECTIONS: Make 3 cov beginning at pink stage. Do not repeat applic 14 days.	
	Codling moths, Green apple aphids, Rosy apple aphids, Spider mites, Woolly apple aphids	1 lb. per 100 gals. of water
	TMING/SPECIAL DIRECTIONS: Make 3 cov beginning when infestations occur. Do not rep closer than 14 days. Note: Mites will be suppressed if this produc regular cover spray program. Slight russeting some varieties of Apples such as Golden De	eat applications t is used in the may occur on
	Apple maggots	1 lb. per 100 gals, of water
	TIMING/SPECIAL DIRECTIONS: Make 3 covides are active and laying eggs. Do not reper closer than 14 days.  Note: This product will not control organopho Apple maggots.	nt applications
	Forbes scale crawlers, San Jose scale crawlers	1 lb. per 100 gals. of water
	TMNG/SPECIAL DIRECTIONS: Apply early when crawlers first appear. If infestation warranteed to the second sec	
and no more t	psecond application 14 days later.  rot apply more than 4 lbs, of product per acre; than 12 lbs, of product per acre per season. 2) via minimum of 21 days between the last application.	To avoid illegal
Apricots	Apple aphid eggs, Apricot scales, Black scales, Black cherry aphid eggs, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Twig borers	or 1 to 1.5 gals superior type of per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a Do not apply more than 4 lbs. of product or 6 acre.	
	Aphids, Brown mites (Clover mites), Olive scale crawlers, San Jose scale crawlers, Twospotted spider mites	1 lb. per 100 gais, of water
	TIMING/SPECIAL DIRECTIONS: Apply as in Repeat application after 14 days, if necessar	
	Olive scale crawlers	0.5 lb. + 1.5 gals. of light medium horticultural oil per 100
		gais. of water

are present. Do not apply more than 4 lbs. of product or 6

gals, of oil per acre per application.

(Continued)

Fruit and Nut Crop	Pests Controlled	Rate
ont) pricots	Apricot mealybugs	1 lb per 100 gals, of water
	TIMING/SPECIAL DIRECTIONS: Apply as a petal fall to June. Allow 14 days between a	
nd no more tha	of apply more than 4 lbs. of product per acre in 12 lbs. of product per acre per season. 2) a minimum of 21 days between the last appli	To avoid illegal
Bluebernes	Aphids, Blueberry maggots, Cherry fruitworms, Cranberry fruitworms, Thrips. Twospotted spider mites	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Apply as Allow 14 days between applications.	infestations occur.
	Fire ants	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: To aid in ants, slowly apply 1 gal. of diluted mixture of to each Fire ant mound. Apply gently to avoid use equipment capable of delivering the digente rain. High pressure sprays may district and emigration, reducing product effective Note: For best results apply in cool weather in early morning or late evering hours.	wer and 6 inches pid disturbing Ants. luted product as a urb the Ants and eness.
and no more tha	ot apply more than 2 lbs. of product per acre an 10 lbs. of product per acre per season. 2) a minimum of 7 days between the last applic	To avoid illegal
Canebernes, Blackberries, Boysenberries, Dewbernes, Loganberries, Raspberries)	Aphids, Leafhoppers, Raspberry fruitworms, Thrips, Twospotted spider mites	2 lbs. per acre in a minimum of 100 gals. of water (200 gals. of water maximum)
CA, OR and WA Only)	TIMING/SPECIAL DIRECTIONS: Apply as Repeat application after 14 days, if necess For Raspberry fruitworms, make one applic blossom buds separate. Make a second a immediately before blossoms open.	ary. cation when
	Dryberry mites	2 to 4 lbs. per acre in a minimum of 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as the early Spiring, when cames are still on the are closed. Make a second application who developed, but still closed.	a dorment spray in e ground and buds
	Raspberry crown borers (Raspberry root borers)	4 lbs. per acre in a minimum of 100 gats. of water
	TIMING/SPECIAL DIRECTIONS: Apply as crown and lower cares in the Spring before	
and no more th	iot apply more then 4 lbs, of product per acre en 10 lbs, of product per acre per season, 2 a minimum of 7 days between the lest applic	) To avoid illegal
Chemes	Apple aphid eggs, Apricot scales, Black cherry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales,	1.25 bs. + 3 gals. dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals.
	Twig borers	of water
	TMING/SPECIAL DIRECTIONS: Apply as	
	Do not apply more than 4 lbs. of product o acre.  Eyespotted bud moths, Fruitree	r 6 gals. of oil per
	Do not apply more than 4 lbs. of product o acre.  Eyespotted bud moths, Fruittree leafrollers  TIMING/SPECIAL DIRECTIONS: Apply as beginning at petal fall. Repeat application	1 fb. per 100 gals. of water infestations occur,
	Do not apply more than 4 lbs. of product o acre.  Eyespotted bud moths, Fruittree leafrollers  TIMING/SPECIAL DIRECTIONS: Apply as	1 fb. per 100 gals. of water infestations occur,
	Do not apply more than 4 lbs. of product o acre.  Eyespotted bud moths, Fruittree leafrollers  TIMING/SPECIAL DIRECTIONS: Apply as beginning at petal fall. Repeat application necessary.	1 lb. per 100 gals. of water infestations occur, after 7 days, if 1 lb. per 100 gals. of water b 4 applications gh the growing
	Do not apply more than 4 lbs. of product o acre.  Eyespotted bud moths, Fruittree leafrollers  TIMNG/SPECIAL DIRECTIONS: Apply as beginning at petal fall. Repeat application necessary.  Leafhoppers  TIMNG/SPECIAL DIRECTIONS: Make 3 to beginning at petal fall and continuing throuseason as infestations occur. Allow 7 days	1 lb. per 100 gals. of water infestations occur, after 7 days, if 1 lb. per 100 gals. of water b 4 applications gh the growing
(Continued)	Do not apply more than 4 lbs. of product o acre.  Eyespotted bud moths, Fruittree leafrollers  TIMING/SPECIAL DIRECTIONS: Apply as beginning at petal fall. Repeat application necessary.  Leafhoppers  TIMING/SPECIAL DIRECTIONS: Make 3 to beginning at petal fall and continuing throuseason as infestations occur. Allow 7 days applications.	1 lb. per 100 gals. of water infestations occur, after 7 days, if  1 lb. per 100 gals. of water b 4 applications between  0.5 to 1 lb. per 100 gals. of water b 4 applications

Fruit and		_ !
Nut Crop Cont.)	Pests Controlled  Black cherry aphies	Rate 1 b per 100
Chemes		gals of water
	TIMING/SPECIAL DIRECTIONS Apply as when Aphids appear Repeat application necessary.	
	San Jose scale crawlers	1 lb. per 100 gals, of water
	TIMING/SPECIAL DIRECTIONS: Apply distage or when Crawlers first appear.	uring the pre-pink
	Cherry rust mites	0.5 to 1 fb. per 100 gals, of water
	TMING/SPECIAL DIRECTIONS: Apply as plemental spray to trees after harvest.	s a single sup-
and no more tha	ot apply more than 4 lbs. of product per acr an 12 lbs. of product per acre per year. 2) To a minimum of 21 days between the last app	avoid illegal
Cranberries	Blackheaded fireworms (Rhopobota naevana)	4 bs. per acre
	TIMING/SPECIAL DIRECTIONS: Apply to Pheromone trap captures and sweep mo used to optimize treatment timing. Repea 14 days, if necessary. A maximum of 6 as season is permitted.	nitoring may be t application after
	Cranberry fruitworms	4 to 6 lbs. per acre
	TIMING/SPECIAL DIRECTIONS. Cranbe and/or berry inspection for eggs may be treatment timing; consult your local extens management advisor. Repeat application needed. A maximum of 4 applications permitted for the 6 lb. rate. A maximum of season is permitted for the 4 lb. rate.	used to optimize sion agent or pest every 14 days, as er season is
	Cranberry tipworms	4 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Present	ce of damage is not
Notes: 1) This	an indicator of active Infestation. For bes early-stage larvee. Repeat application aff necessary. A maximum of 6 applications permitted. product may be applied to Cranberries via	er 14 days if per season is ground, aerial or
sprinkler imigati 15 gale, of wate water per acre to the "CHEM! directions, 2) D drinking purpos approved diazi acre per seaso	early-stage larvee. Repeat application aft necessary. A maximum of 6 applications	er 14 days if per season is ground, aerial or ct in a minimum of m of 20 gala. of er per acre. Refer remigation ranberry beds for earing on EPA- s. of product per
aprinkler imgati 15 gale, of wate water per acre to the "CHEM! directions. 2) D drinking purpos approved diazi acre per seaso	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  product may be applied to Cranberries via ion. For ground application, apply the product per acre. For serial application, a minimuland for chemigation, up to 400 gals. of wall of ATTON" section of this label for specific of onot use water from irrigated or flooded Class or to irrigate crops other than those appronniabels. 3) Do not apply more than 24 bronn. 4) To avoid illegal residues, allow a minimat application and harvest.  Aphids, Grape berry moths, Grape	er 14 days if per season is ground, aerial or ct in a minimum of m of 20 gats, of er per acre. Refer temigation ranberry beds for earing on EPA-s. of product per num of 7 days
aprinkler irrigati 15 gals, of wate water per acre to the "CHEM" directions, 2) D drinking purpos approved diazie acre per seaso between the las	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  product may be applied to Cranberries via ion. For ground application, apply the product reper acre. For aerial application, a minimum and for chemigation, up to 400 gals, of wall GATON" section of this label for specific cloonot use water from irrigated or flooded Cies or to irrigate crops other than those appnon labels. 3) Do not apply more than 24 bin. 4) To avoid illegal residues, allow a minimat application and harvest.	er 14 days if per season is ground, aerial or ct in a minimum of m of 20 gate, of er per acre. Refer temigation ranberry beds for earing on EPA-to 10 product per num of 7 days
aprinkler irrigati 15 gals, of wate water per acre to the "CHEM" directions, 2) D drinking purpos approved diazie acre per seaso between the las	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  product may be applied to Cranberries via ion. For ground application, apply the product per acre. For serial application, a minimuland for chemigation, up to 400 gals. of wall GAT/ION" section of this label for specific of o not use water from irrigated or flooded Class or to irrigate crops other than those appront labels. 3) Do not apply more than 24 bit in. 4) To avoid illegal residues, allow a minimat application and harvest.  Aphids, Grape berry moths, Grape leaffolders, Leafhoppers, Omnivorous teafrollers, Pacific spider mites, Spider mites.	ground, aerial or ct in a minimum of m of 20 gale, of er per acre. Refer temigation ranberry beds for earing on EPA-s, of product per num of 7 days  1 to 2 tbs. per acre in a minimum of 100 gals, of water (200 gals, of water maximum)
aprinkler irrigati 15 gals, of wate water per acre to the "CHEM" directions, 2) D drinking purpos approved diazie acre per seaso between the las	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  product may be applied to Cranberries via ion. For ground application, apply the product per acre. For aerial application, a minimum and for chemigation, up to 400 gals. of wate GATION* section of this label for specific ci or not use water from irrigated or flooded Cries or to irrigate crops other than those appnon labels. 3) Do not apply more than 24 bin. 4) To avoid illegal residues, allow a minimit application and harvest.  Aphids, Grape berry moths, Grape leaffolders, Leaffoppers, Omnivorous teafrollers, Pacific spider mites, Spider	er 14 days if per season is ground, aerial or ct in a minimum of m of 20 gals. of er per acre. Refer semigation ranberry beds for earing on EPA-s. of product per num of 7 days  1 to 2 tbs. per acre in a minimum of 100 gals. of water (200 gals. of water maximum) s a thorough cover
aprinkler irrigati 15 gals, of wate water per acre to the "CHEM" directions, 2) D drinking purpos approved diazie acre per seaso between the las	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  product may be applied to Cranberries via ion. For ground application, apply the product per acre. For aerial application, a minimum of chemigation, up to 400 gals. of walt GAT/ION" section of this label for specific of not use water from irrigated or flooded Cries or to irrigate crops other than those appron labels. 3) Do not apply more than 24 bin. 4) To avoid illegal residues, allow a minimit application and harvest.  Aphids, Grape berry moths, Grape leaffolders, Leafhoppers, Omnivorous leafrollers, Pacific spider mites.  TIMING/SPECIAL DIRECTIONS: Apply a spray when pests appear. Repeat applic	ar 14 days if per season is ground, aerial or ct in a minimum of m of 20 gals, of er per acre. Refer templication armoemy beds for earing on EPA-s, of product per num of 7 days  1 to 2 tbs. per acre in a minimum of 100 gals, of water maximum) is a thorough cover ation after 7 days, if  6 ozs. per acre in a minimum of 100 gals, of water
aprinkler irrigati 15 gals, of wate water per acre to the "CHEM" directions, 2) D drinking purpos approved diazie acre per seaso between the las	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  product may be applied to Cranberries via lon. For ground application, apply the product per acre. For aerial application, a minimum of 6 application, a minimum of 6 application, a minimum of 6 application of this label for specific of ont use water from irrigated or flooded Cres or to irrigate crops other than those application and harvest.  Applied Grape berry moths, Grape leaffolders, Leafhoppers, Omnivorous leafrollers, Pacific spider mites.  TIMING/SPECIAL DIRECTIONS: Apply a spray when pests appear. Repeat applicancessary.	ground, aerial or ct in a minimum of m of 20 gals. of er per acre. Refer memberty beds for earing on EPA-s. of product per num of 7 days  1 to 2 tbs. per acre in a minimum of 100 gals. of water (200 gals. of water maximum) s a thorough cover ation after 7 days, if  6 ozs. per acre in a minimum of 100 gals. of water maximum of 100 gals. of water (300 gals. of water maximum)
aprinkler irrigati 15 gals, of water 15 gals, of water to the "CHEM! directions, 2) D drinkling purpos approved diazis acre per seaso between the las Grapes  Notes: 1) Do r and no more the	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  permitted.  product may be applied to Cranberries via ion. For ground application, apply the product per acre. For aerial application, a minimum and for chemigation, up to 400 gals. of wals GAT/ION" section of this label for specific of once water from irrigated or flooded Cres or to irrigate crops other than those appron labels. 3) Do not apply more than 24 bits. 4) To avoid illegal residues, allow a minimat application and harvest.  Aphids, Grape berry moths, Grape leaffolders, Leafhoppers, Omnivorous leaffolders, Pacific spider mites.  TIMING/SPECIAL DIRECTIONS: Apply a spray when pests appear. Repeat applicancessary.  Drosophila spp.  TIMING/SPECIAL DIRECTIONS: Apply a spray at 7-day intervels, if necessary.  TIMING/SPECIAL DIRECTIONS: Apply a spray at 7-day intervels, if necessary.	ground, aerial or ct in a minimum of m of 20 gats, of ar per acre. Refer templation armody beds for earing on EPA-s, of product per num of 7 days  1 to 2 tbs. per acre in a minimum of 100 gats, of water (200 gats, of water maximum) is a thorough cover ation after 7 days, if  6 ozs. per acre in a minimum of 100 gats, of water (300 gats, of water maximum) is a thorough cover ation after 7 days, if
aprintiter irrigati 15 gals. of water per acre to the "CHEM" directions. 2) De drinking purpose approved diazi acre per seaso between the las Grapes  Notes: 1) Do r and no more th residues, allow harvest.	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  permitted.  product may be applied to Cranberries via ion. For ground application, apply the product or per acre. For aerial application, a minimuland for chemigation, up to 400 gals. of wals GAT/ION" section of this label for specific of onct use water from irrigated or flooded Cres or to irrigate crops other than those appron labels. 3) Do not apply more than 24 bin. 4) To avoid illegal residues, allow a minimat application and harvest.  Aphids, Grape berry moths, Grape leaffolders, Leafhoppers, Omnivorous teafrollers, Pacific spider mites, Spider mites  TIMING/SPECIAL DIRECTIONS: Apply a spray when pests appear. Repeat application and harvest.  Drosophila spp.  TIMING/SPECIAL DIRECTIONS: Apply a spray at 7-day intervels, if necessary.  Drosophila spp.  TIMING/SPECIAL DIRECTIONS: Apply a spray at 7-day intervels, if necessary.  Drosophila spp.  Total plant of the specific of product per acre and 10 bs. of product per acre per season.  a minimum of 28 days between the last applications.	ar 14 days if per season is ground, aerial or ct in a minimum of m of 20 gals. of er per acre. Refer templication arise modern bed for earing on EPA-s. of product per num of 7 days  1 to 2 tbs. per acre in a minimum of 100 gals. of water (200 gals. of water maximum) as a thorough cover ation after 7 days, if 6 ozs. per acre in a minimum of 100 gals. of water maximum) is a thorough cover "(300 gals. of water maximum) is a thorough cover re per application and
aprintider irrigati 15 gals. of water 15 gals. of water to the "CHEM" directions. 2) D drinking purpos approved diazi acre per seaso between the las Grapes  Notes: 1) Do r and no more th residues, allow	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  permitted.  product may be applied to Cranberries via ion. For ground application, apply the product reper acre. For aerial application, a minimum of 6 application, a minimum of 6 application, a minimum of 6 application of this label for specific of ont use water from irrigated or flooded Cres or to irrigate crops other than those appron labels. 3) Do not apply more than 24 bin. 4) To avoid illegal residues, allow a minimum at application and harvest.  Aphids, Grape berry moths, Grape leaffolders, Leafhoppers, Omnivorous teafrollers, Pacific spider mites, Spider mites  TIMING/SPECIAL DIRECTIONS: Apply a spray when pests appear. Repeat application application application application applications application application application applies applied appl	ground, aerial or ct in a minimum of m of 20 gals. of er per acre. Refer memberry beds for earing on EPA-s. of product per acre in a minimum of 100 gals. of water (200 gals. of water maximum) as a thorough cover at on a firm of 100 gals. of water maximum of 100 gals. of water maximum) is a thorough cover a time of 100 gals. of water maximum) is a thorough cover resper application and 1 lb. + 2 to 3 gals. of domant oil OR 1 to 1.5 gals. superior type oil
aprintiter irrigati 15 gals. of water per acre to the "CHEM" directions. 2) De drinking purpose approved diazi acre per seaso between the las Grapes  Notes: 1) Do r and no more th residues, allow harvest.	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  product may be applied to Cranberries via ion. For ground application, apply the product per acre. For serial application, a minimum and for chemigation, up to 400 gals. of wall GAT/ON" section of this label for specific of o not use water from irrigated or flooded Class or to irrigate crops other than those appront labels. 3) Do not apply more than 24 bit in. 4) To avoid illegal residues, allow a minimum trapplication and harvest.  Aphids, Grape berry moths, Grape leaffolders, Leafhoppers, Omnivorous teaffolders, Leafhoppers, Omnivorous teaffolders, Pacific spider mites.  TIMING/SPECIAL DIRECTIONS: Apply a spray when pests appear. Repeat applicancessary.  Drosophila spp.  TIMING/SPECIAL DIRECTIONS: Apply a spray at 7-day intervals, if necessary.  Drosophila spp.  TIMING/SPECIAL DIRECTIONS: Apply a spray at 7-day intervals, if necessary.  Apple aphid eggs, Black cherry aphid eggs, Black scales, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Twig borers  TIMING/SPECIAL DIRECTIONS: Apply a spray and spiral eggs, Parlatoria scales, San Jose scales, Twig borers	ar 14 days if per season is ground, aerial or ct in a minimum of m of 20 gals, of ar per acre. Refer temperature of 20 gals, of ar per acre. Refer temperature of 20 gals, of ar per acre in a minimum of 100 gals, of water (200 gals, of water maximum) is a thorough cover ation after 7 days, if a minimum of 100 gals, of water maximum) is a thorough cover (300 gals, of water maximum) is a thorough cover reper application and 1 lb. + 2 to 3 gals of dormant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water maximum) at thorough cover reper application and 1 lb. + 2 to 3 gals of dormant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as a dormant spray.
aprintiter irrigati 15 gals. of water per acre to the "CHEM" directions. 2) De drinking purpose approved diazi acre per seaso between the las Grapes  Notes: 1) Do r and no more th residues, allow harvest.	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  permitted.  product may be applied to Cranberries via ion. For ground application, apply the product reper acre. For aerial application, a minimum and for chemigation, up to 400 gals. of wals GAT/ON" section of this label for specific of once water from irrigated or flooded Cres or to irrigate crops other than those appron labels. 3) Do not apply more than 24 bis. 14. To avoid illegal residues, allow a minimum at application and harvest.  Aphids, Grape berry moths, Grape leaffolders, Leafhoppers, Omnivorous teafrollers, Pacific spider mites, Spider mites.  TIMNG/SPECIAL DIRECTIONS: Apply a spray when pests appear. Repeat applicancessary.  Drosophila spp.  TIMNG/SPECIAL DIRECTIONS: Apply a spray at 7-day intervels, if necessary.  Drosophila spp.  Apple aphid eggs, Black cherry aphid eggs, Black scales, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Partatoria scales, San Jose scales, Twig borers  TIMNG/SPECIAL DIRECTIONS: Apply a Do not apply more than 4 bs. of product acre.  Aphids, Brown mites (Clover mites),	ar 14 days if per season is ground, aerial or ct in a minimum of m of 20 gals. of ar per acre. Refer remigation ranberry beds for earing on EPA-s. of product per num of 7 days  1 to 2 tbs. per acre in a minimum of 100 gals. of water (200 gals. of water (200 gals. of water maximum) is a thorough cover ation after 7 days, if 6 ozs. per acre in a minimum of 100 gals. of water (300 gals. of water maximum) is a thorough cover (300 gals. of water maximum) is a thorough cover re per application and  1 tb. + 2 to 3 gals of domant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water is a domant spray. or 6 gals. of oil per 100 gals. of gals. of oil per 100 gals.
sprinkler irrigati 15 gals: of water per acre to the "CHEM" directions: 2) De drinkling purpose approved diazi acre per seaso between the las Grapes  Notes: 1) Do r and no more th residues, allow harvest.	early-stage larvee. Repeat application affinecessary. A maximum of 6 applications permitted.  product may be applied to Cranberries via ion. For ground application, apply the product reper acre. For aerial application, a minimum and for chemigation, up to 400 gals. of wals GAT/ON" section of this label for specific of onct use water from irrigated or flooded Class or to irrigate crops other than those appron labels. 3) Do not apply more than 24 bis. n. 4) To avoid illegal residues, allow a minimit application and harvest.  Aphids, Grape berry moths, Grape leaffolders, Leafhoppers, Omnivorous teafrollers, Pacific spider mites.  TIMING/SPECIAL DIRECTIONS: Apply a spray when pests appear. Repeat applicancessary.  Drosophila spp.  TIMING/SPECIAL DIRECTIONS: Apply a spray at 7-day intervals, if necessary.  Drosophila spp.  TIMING/SPECIAL DIRECTIONS: Apply a spray at 7-day intervals, if necessary.  Apple aphid eggs, Black cherry aphid eggs, Black scales, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Twig borers  TIMING/SPECIAL DIRECTIONS: Apply a Do not apply more than 4 lbs. of product acre.	ground, aerial or ct in a minimum of m of 20 gals, of er per acre. Refer memberry beds for earing on EPA-s, of product per num of 7 days  1 to 2 tbs. per acre in a minimum of 100 gals, of water (200 gals, of water maximum) s a thorough cover airon after 7 days, if  6 ozs. per acre in a minimum of 100 gals, of water (300 gals, of water maximum) s a thorough cover airon after 7 days, if  1 to 1.5 gals, of water (300 gals, of water maximum) s a thorough cover re per application and  1 lb. + 2 to 3 gals of domant oil OR 1 to 1.5 gals, superior type oil s a domant spray, or 6 gals, of oil per 100 gals, of water is a domant spray, or 6 gals, of oil per 100 gals, of water

Q

Fruit and			Fruit and		
Nut Crop	Pests Controlled	Rate	Nut C rop Pears	Pests Controlled	Rate 1 lb + 2 to 3
(Cont.) Nectannes	Parlatona scales, Peach twig borers  TMING/SPECIAL DIRECTIONS: Apply at	1 lb + 1 gal. light medium Summer horticultural oil per 100 gals, of water	Pears	Apple aphid eggs. Apricot scales Black chemy aphid eggs. Black scales. Brown mite eggs. Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Pearleaf blister mite eggs, Parlatoria scales.	gais dormant oil OR 1 to 1 5 gals superior type oil per 100 gals of water
	apply more than 4 lbs. of product or 4 gals acre.			San Jose scales, Twig borers TIMING/SPECIAL DIRECTIONS: Apply a Do not apply more than 4 fbs. of product	
	Olive scale crawlers	0.5 lb. + 1.5 gals. light medium horticultural oil per		acre. Pear psyllas	0.5 to 1 lb. per
	TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 bs. of product or 4 per acre per application. Allow 7 days bet	gals, of Summer oil		TMING/SPECIAL DIRECTIONS: Apply pre-pink stage. Make 1 to 2 additional a the first and second cover sprays, if nec least 14 days between applications.	as a cover spray at pplications during
	Oriental fruitmoths	1 lb. per 100 gals. of water		Mealybugs, Tentiform leafminers	1 to per 100 gals, of water
	TIMING/SPECIAL DIRECTIONS: Apply at Make 2 additional applications at 10- to 1 the last application to peak adult flort.	100% petal fall.		TIMING/SPECIAL DIRECTIONS: Make beginning in April. Allow at least 14 days applications.	
and no more	not apply more than 4 lbs. of product per authan 12 lbs. of product per acre per season.	2) To avoid illegal		Codling moths, Green apple aphids, Rosy apple aphids, Spider mites, Woolly apple aphids	1 lb. per 100 gals. of water
harvest.	w a minimum of 21 days between the last ap			TIMING/SPECIAL DIRECTIONS: Make beginning as infestations occur. Allow at between applications.	
Peaches	Apple aphid eggs, Apricot scales, Black cherry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red	1 tb. + 2 to 3 gals. dormant oil OR 1 to 1.5 gals.		Note: Mites will be suppressed if this pregular cover spray program.	<del>, , , , , , , , , , , , , , , , , , , </del>
	mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Twig borers	superior type oil		Apple maggots  TMNG/SPECIAL DIRECTIONS: Make	1 lb. per 100 gals, of water 3 cover sprays when
	TIMING/SPECIAL DIRECTIONS: Apply as Do not apply more than 4 lbs. of product claure.	a dormant spray.		flies are active and laying eggs. Allow a between applications. Note: This product will not control organ resistant Apple maggots.	t least 14 days
	Aphids, Brown mites (Clover mites), Olive scale crawlers, San Jose scale crawlers,	1 lb. per 100 gais, of water		Forbes scale crawlers, San Jose scale crawlers	1 % per 100 gals of water
	Twospotted spider mites  TMING/SPECIAL DIRECTIONS: Apply as infestations occur. Repeat application after 14 days, if necessary.			TMING/SPECIAL DIRECTIONS: Apply when crawlers first appear. If infestation second application 14 days later.	warrants, make a
	Parlatoria scales, Peach twig borer	1 lb. + 1 gal. light medium Summer horti-	and no more	not apply more than 4 lbs. of product per than 12 lbs. of product per acre per seaso w a minimum of 21 days between the last	n. 2) To avoid illegal
		CONTRACT FOR EACH			
		cultural oil per 100 gals, of water	Pinespple	Pineapple meal/bugs	2 lbs. per acre per 200 to 500 gals, of water
	TIMING/SPECIAL DIRECTIONS: Apply at apply more than 4 lbs. of product or 4 gale.  Olive scale crawlers	cultural oil per 100 gals, of water petal fall. Do not s, of oil per acre, 0.5 lb. + 1.5 gals.	Pinespple	Pineapple mealybugs  TMING/SPECIAL DRECTIONS: Repeatencessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.	per 200 to 500 gals, of water it application as num of 8
	apply more than 4 lbs. of product or 4 gall	cultural oil per 100 gals, of water petal fall. Do not s, of oil per acre. 0.5 lb. + 1.5 gals, light medium horti- cultural oil per 100 gals, of water	Pinespple Plums	TMING/SPECIAL DIRECTIONS: Repeatecessary every 28 days, up to a maximapplications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black charry aphid eggs, Black scales, Brown mite eggs, Brown scales,	per 200 to 500 gals, of water it application as sum of 8 of harvest or illegal 1 tb. + 2 to 3 gals, dormant oil OR 1 to 1.5 gals,
	apply more than 4 lbs. of product or 4 gale Olive scale crawlers  TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days be	cultural oil per 100 gals, of water petal fall. Do not so of oil per acre.  0.5 lb. + 1.5 gals, light medium horticultural oil per 100 gals, of water sinsects occur. Do gals, of Summer oil tween applications.		TAMNG/SPECIAL DIRECTIONS: Repeat necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black charry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Twig borers	per 200 to 500 gals, of water t application as sum of 8 of harvest or illegal  1 b. + 2 to 3 gals, domant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water
	apply more than 4 lbs. of product or 4 gale Olive scale crawlers  TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days be Oriental fruit moths	cultural oil per 100 gals, of water petal fall. Do not so of oil per acre.  0.5 lb. + 1.5 gals, light medium horticultural oil per 100 gals, of water sineects occur. Do gals, of Summer oil tween applications.  1 lb. per 100 gals, of water		TAING/SPECIAL DIRECTIONS: Repea necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black charry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Paristoria scales, San Jose scales, Twig borers TIMNG/SPECIAL DIRECTIONS: Apply Do not apply more than 4 lbs. of produc acre. If applied in late April or May, mix	per 200 to 500 gals, of water trapplication as of harvest or illegal 1 b. + 2 to 3 gals, domant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as a domant spray, tor 6 gals, of oil per this product with 1
	apply more than 4 lbs. of product or 4 gale Olive scale crawlers  TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days be	cultural oil per 100 gals, of water petal fall. Do not a of oil per acre.  0.5 lb. + 1.5 gals, light medium hort-cultural oil per 100 gals, of water a insects occur. Do gals, of Summer oil tween applications.  1 lb. per 100 gals, of water all.		TäMNG/SPECIAL DIRECTIONS: Repeat necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black cherry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Partistoria scales, San Jose scales, Twig borers  TIMNG/SPECIAL DIRECTIONS: Apply Do not apply more than 4 bs. of productions. If applied in late April or May, mix gat of light medium Summer horicultura water.  Brown mites, Clover mites, European	per 200 to 500 gals, of water at application as sum of 8 of harvest or illegal 1 s. + 2 to 3 gals, dormant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as a domnant spray, tor 8 gals, of oil per this product with 1 ill oil per 100 gals, of 1 lb, per 100
	apply more than 4 lbs. of product or 4 gale Olive scale crawlers  TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days be: Oriental fruit moths  TIMING/SPECIAL DIRECTIONS: Apply at Make 2 additional applications at 10- to 1 the last application to peak adult flight.  Peach twig borers	cultural oil per 100 gals, of water petal fall. Do not so of oil per acre.  0.5 lb. + 1.5 gals, light medium horticultural oil per 100 gals, of water sinsects occur. Do gals, of Summer oil tween applications.  1 lb. per 100 gals, of water stock of water stock occur. The gals, of summer oil tween applications.  1 lb. per 100 gals, of water stock occur. The stock occur. The stock occur. The stock occur of water stock occur of water stock occur. The stock occur of water stock occur		TMNG/SPECIAL DRECTIONS: Repea necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black cherry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Paristoria scales, San Jose scales, Twig borers TIMNG/SPECIAL DIRECTIONS: Apply Do not apply more than 4 bs. of productions are in applied in late April or May, mix gat, of light medium Summer horicultural water.  Brown mites, Clover mites, European red mites TIMNG/SPECIAL DIRECTIONS: Apply	per 200 to 500 gals, of water t application as sum of 8 of harvest or illegal  1 b. + 2 to 3 gals, dormant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as a dormant spray, tor 6 gals, of oil per this product with 1 it oil per 100 gals, of 1 lb. per 100 gals, of water
	apply more than 4 lbs. of product or 4 gate Olive scale crawlers  TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days be Oriental fruit moths  TIMING/SPECIAL DIRECTIONS: Apply at Make 2 additional applications at 10- to 1 the last application to peak adult flight.  Peach twig borers  TIMING/SPECIAL DIRECTIONS: Apply at May and June. Allow 7 days between apply applications.	cultural oil per 100 gals, of water petal fall. Do not so of oil per acre.  0.5 lb. + 1.5 gals, light medium horticultural oil per 100 gals, of water sineects occur. Do gals, of Summer oil tween applications.  1 lb. per 100 gals, of water sineects occur. The gals, of water sineects occur. The gals, of water sineects occur in sications.		TämnG/SPECIAL DiRECTIONS: Repeat necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black cherry aphid eggs, Black scales, Brown scales, Brown aphid eggs, Mealybugs, Mealy plum aphid eggs, Partstoria scales, San Jose scales, Twig borers TIMNG/SPECIAL DIRECTIONS: Apply Do not apply more than 4 bs. of productacre. If applied in late April or May, mix gat of light medium Summer horicultura water.  Brown mites, Clover mites, European red mites	per 200 to 500 gals, of water t application as sum of 8 of harvest or illegal  1 tb. + 2 to 3 gals, dommant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as a domnant spray, tor 6 gals, of oil per this product with 1 ii oil per 100 gals, of  1 lb. per 100 gals, of water as needed, every 7
	apply more than 4 lbs. of product or 4 gate Olive scale crawlers  TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days bet Oriental fruit moths  TIMING/SPECIAL DIRECTIONS: Apply at Make 2 additional applications at 10- to 1 the last application to peak adult flight.  Peach twig borers  TIMING/SPECIAL DIRECTIONS: Apply at May and June. Allow 7 days between applicationpers	cultural oil per 100 gals, of water petal fall. Do not cof oil per acre.  0.5 lb. + 1.5 gals, light medium horticulural oil per 100 gals, of water sinsects occur. Do gals, of Summer oil tween applications.  1 lb. per 100 gals, of water 1100% petal fall, 5-day intervals. Time 1 lb. per 100 gals, of water sinsects occur in lications.  1 lb. per 100 gals, of water sinsects occur in lications.		TMNG/SPECIAL DRECTIONS: Repea necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black charry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Paristoria scales, San Jose scales, Twig borers TIMNG/SPECIAL DRECTIONS: Apply Do not apply more than 4 bs. of produc acre. If applied in late April or May, mix gat of light medium Summer horicultura water.  Brown mites, Clover mites, European red mites TIMNG/SPECIAL DRECTIONS: Apply days. Leafcurl plum aphids, Mealy plum	per 200 to 500 gals, of water t application as on of 8 of harvest or illegal  1 b. + 2 to 3 gals, domant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as a domant spray, to 6 gals, of oil per this product with 1 ii oil per 100 gals, of gals, of water as needed, every 7  0.5 to 1 b. per 100 gals, of water
	apply more than 4 lbs. of product or 4 gale Clive scale crawlers  TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days between application at 10- to 1 the last application to peak adult flight.  Peach twig borers  TIMING/SPECIAL DIRECTIONS: Apply at May and June. Allow 7 days between applicationpers  TIMING/SPECIAL DIRECTIONS: Make 3 beginning at petal fall and continuing throuseason. Allow at least 7 days between application.	cultural oil per 100 gals. of water petal fall. Do not cof oil per acre.  0.5 lb. + 1.5 gals. light medium horticultural oil per 100 gals. of water sinsects occur. Do gals. of Summer oil tween applications.  1 lb. per 100 gals. of water 1 lb. per 1	Plums  Notes: 1) Do	TMNG/SPECIAL DIRECTIONS: Repea necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black charry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Paristoria scales, San Jose scales, Twig borers TIMNG/SPECIAL DIRECTIONS: Apply Do not apply more than 4 lbs. of produc acre. If applied in late April or May, mix gat of light medium Summer horicultural water.  Brown mites, Clover mites, European red mites TIMNG/SPECIAL DIRECTIONS: Apply days.  Leafourl plum aphids, Mealy plum aphids, Thistie aphids TIMNG/SPECIAL DIRECTIONS: Apply	per 200 to 500 gals, of water t application as ourn of 8 of harvest or illegal  1 b. + 2 to 3 gals, domant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as a domant spray, tor 6 gals, of oil per this product with 1 if oil per 100 gals, of gals, of water as needed, every 7  0.5 to 1 b. per 100 gals, of water as needed, every 7 acre per application n, 2) To avoid illegal
	apply more than 4 lbs. of product or 4 gale Clive scale crawlers  TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days between application at 10- to 1 the last application to peak adult flight.  Peach twig borers  TIMING/SPECIAL DIRECTIONS: Apply at Make 2 additional applications at 10- to 1 the last application to peak adult flight.  Peach twig borers  TIMING/SPECIAL DIRECTIONS: Apply at May and June. Allow 7 days between applicationing at petal fall and continuing throuseason. Allow at least 7 days between application.  White peach scales	cultural oil per 100 gals. of water of oil per acre.  0.5 lb. + 1.5 gals. light medium horticultural oil per 100 gals. of water oil tween applications.  1 lb. per 100 gals. of water oil tween applications.  1 lb. per 100 gals. of water oil tween applications.  1 lb. per 100 gals. of water oil tween applications.  1 lb. per 100 gals. of water oil tween applications.  1 lb. per 100 gals. of water oil tween applications.  1 lb. per 100 gals. of water oil to 4 applications, agh the growing polications.  1.5 to 2 lbs. per 100 gals. of water	Notes: 1) Do and no more residues, alio	TämnG/SPECIAL DIRECTIONS: Repea necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black cherry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Paristoria scales, San Jose scales, Twig borers TIMNG/SPECIAL DIRECTIONS: Apply Do not apply more than 4 lbs. of product acre. If applied in late April or May, mix gal. of light medium Summer horticultura water.  Brown mites, Clover mites, European red mites TIMNG/SPECIAL DIRECTIONS: Apply days.  Leafourl plum aphids, Mealy plum aphids, Thistie aphids TIMNG/SPECIAL DIRECTIONS: Apply days.  not apply more than 4 lbs. of product per than 12 lbs. of product per acre per seaso w a minimum of 21 days between the last	per 200 to 500 gals, of water t application as ourn of 8 of harvest or illegal  1 b. + 2 to 3 gals, dormant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of oil per tils product with 1 il oil per 100 gals, of water as a dormant spray, to 6 gals, of oil per tils product with 1 il oil per 100 gals, of gals, of water as needed, every 7  0.5 to 1 b. per 100 gals, of water as needed, every 7 acre per application n, 2) To avoid illegal application and  1 lb. + 2 to 3 gals, dormant oil
	apply more than 4 lbs. of product or 4 gale Olive scale crawlers  TIMING/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days beto Oriental fruit moths  TIMING/SPECIAL DIRECTIONS: Apply at Make 2 additional applications at 10- to 1 the last application to peak adult flight.  Peach twig borers  TIMING/SPECIAL DIRECTIONS: Apply at May and June. Allow 7 days between applicationing at petal fall and continuing throuseason. Allow at least 7 days between applying the peach scales  TIMING/SPECIAL DIRECTIONS: Make 3 beginning at petal fall and continuing throuseason. Allow at least 7 days between applying the peach scales.	cultural oil per 100 gals. of water petal fall. Do not a of oil per acre.  0.5 lb. + 1.5 gals. light medium horticultural oil per 100 gals, of water sinsects occur. Do gals, of Summer oil tween applications.  1 lb. per 100 gals. of water sinsects occur in lib. per 100 gals. of water sinsects occur in lications.  1 lb. per 100 gals. of water sinsects occur in lications.  1 lb. per 100 gals. of water sinsects occur in lications.  1 lb. per 100 gals. of water to 4 applications, gh the growing polications.  1.5 to 2 lbs. per 100 gals. of water ost-harvest, timed to scale activity. Under	Notes: 1) Do and no more residues, allo harvest.	TMNG/SPECIAL DRECTIONS: Repea necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black charry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Triig borers  TIMNG/SPECIAL DIRECTIONS: Apply Do not apply more than 4 lbs. of produc acre. If applied in late April or May, mix gat, of light medium Summer horicultura water.  Brown mites, Clover mites, European red mites  TIMNG/SPECIAL DIRECTIONS: Apply days.  Leafcurl plum aphids, Mealy plum aphids, Thistle aphids  TMNG/SPECIAL DIRECTIONS: Apply days.  Into apply more than 4 lbs. of product per than 12 lbs. of product per acre per seasow a minimum of 21 days between the last  Apple aphid eggs, Apricot scales, Black cherry aphid eggs, Black scales, Brown mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Twig borers	per 200 to 500 gals, of water t application as our of 8 of harvest or illegal  1 b. + 2 to 3 gals, domaint oil OR 1 to 1.5 gals, superior type oil per 100 gals, of oil per this product with 1 il oil per 100 gals, of gals, of water as needed, every 7  1 b. + 2 to 3 gals, of water as needed, every 7  acre per application 1 b. + 2 to 3 gals, dormant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as needed, every 7
and no more	apply more than 4 lbs. of product or 4 gale Olive scale crawlers  Timing/SPECIAL DIRECTIONS: Apply as not apply more than 4 lbs. of product or 4 per acre per application. Allow 7 days beto Oriental fruit moths  Timing/SPECIAL DIRECTIONS: Apply at Make 2 additional applications at 10- to 1 the last application to peak adult flight.  Peach twig borers  Timing/SPECIAL DIRECTIONS: Apply at May and June. Allow 7 days between applicationpers  Timing/SPECIAL DIRECTIONS: Make 3 beginning at petal fall and continuing throus season. Allow at least 7 days between applying the peach scales	cultural oil per 100 gals. of water of oil per acre.  0.5 lb. + 1.5 gals. light medium horticultural oil per 100 gals. of water oil sinsects occur. Do gals. of Summer oil tween applications.  1 lb. per 100 gals. of water oil sinsects occur in lications.  1 lb. per 100 gals. of water oil sinsects occur in lications.  1 lb. per 100 gals. of water oil sinsects occur in lications.  1 lb. per 100 gals. of water oil sinsects occur in lications.  1 lb. per 100 gals. of water oil sinsects occur in lications.  1 lb. per 100 gals. of water oil sinsects occur in lications.  1 lb. per 100 gals. of water oil sinsects occur in lications.  1 lb. per 100 gals. of water oil sinsects occur in lications.  1 lb. per 100 gals. of water oil of applications, up the growing polications.  1.5 to 2 lbs. per 100 gals. of water ons (7 days apart)	Notes: 1) Do and no more residues, allo harvest.	TMNG/SPECIAL DRECTIONS: Repea necessary every 28 days, up to a maxim applications. Do not apply within 7 days residues may occur.  Apple aphid eggs, Apricot scales, Black charry aphid eggs, Black scalea, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Twig borers  TIMNG/SPECIAL DIRECTIONS: Apply Do not apply more than 4 lbs. of product acre. If applied in late April or May, mix gal. of light medium Summer horicultural water.  Brown mites, Clover mites, European red mites  TIMNG/SPECIAL DIRECTIONS: Apply days.  Leafourl plum aphids, Mealy plum aphids, Thistie aphids  TIMNG/SPECIAL DIRECTIONS: Apply days.  not apply more than 4 lbs. of product per than 12 lbs. of product per acre per seaso w a minimum of 21 days between the last  Apple aphid eggs, Apricot scales, Black cherry aphid eggs, Black scales, Brown mite eggs, Brown scales, European red mite eggs, Mealybugs, Mealy plum aphid eggs, Parlatoria scales, San Jose scales, Twig borers  TIMNG/SPECIAL DIRECTIONS: Apply Do not apply more than 4 lbs. of product acre. For late April or May applicatiors, with 1 gal. of light medium Summer hor	per 200 to 500 gals, of water t application as of harvest or illegal  1 tb. + 2 to 3 gals, domaint oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as a domaint spray, tor 6 gals, of oil per this product with 1 if oil per 100 gals, of gals, of water as needed, every 7  1 tb. per 100 gals, of water as needed, every 7 acre per application n. 2) To avoid illegal application and  1 tb. + 2 to 3 gals, dormant oil OR 1 to 1.5 gals, superior type oil per 100 gals, of water as a domaint spray, tor 6 gals, of oil per mix this product

DIAZINON 50WP Page 5 of 11

Fruit and Nut Crop	Pests Controlled	Rate
(Cont.) Prunes	Brown mites, Clover mites, European red mites	1 lb, per 100 gals, of water
	TIMING/SPECIAL DIRECTIONS: Apply as idays.	needed, every 7
	Leafcurt plum aphids, Mealy plum aphids, Thistle aphids	0.5 to 1 lb. per 100 gals, of water
	TIMING/SPECIAL DIRECTIONS: Apply as days.	needed, every 7
and no more	o not apply more than 4 lbs. of product per ac than 12 lbs. of product per acre per season, ow a minimum of 21 days between the last ap	. 2) To avoid illegal

Strawberries	Aphids, Twospotted spider mites	1 lb. per 100 gais. of water per acre		
	TIMING/SPECIAL DIRECTIONS: Apply application if necessary, after 7 days.	as pests occur. Repeat		
	Cyclamen mites	2 lbs. per 100 gals. of water per acre		
	TIMING/SPECIAL DIRECTIONS: Direct spray to the plant crowns. Plants should be sufficiently agitated to assure thorough coverage of foliage. Repeat application after 7 days, if necessary.			
	Mole crickets	2 lbs. per acre		
	TIMING/SPECIAL DIRECTIONS: Apply transplanting and immediately incorporation of soil.			
	Strawberry leafrollers	0.75 to 1 lb. per 100 gats. of water		
	TIMING/SPECIAL DIRECTIONS: Apply acre when blossoms show color.	200 gals. of spray per		

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.

(CA Only)	Aphids, Spider mites	2 lbs, per 100 gals, of water per acre		
	TMING/SPECIAL DIRECTIONS: Apply as a foliar spray. Repeat application in 14 days, if necessary. Do not make more than 3 applications per season.			
	Coding moths, Scale crawlers, Walnut caterpillars	6 lbs. in 100 gals. of water per acre		
	TIMING/SPECIAL DIRECTIONS: Apply as a foliar spray as needed. Repeat application in 14 days, if necessary. Do not make more than 3 applications per season.			

Notes: 1) Do not apply more than 6 lbs. of product per acre per application and no more than 18 lbs. 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, this product should always be applied as a spray in sufficient water to assure thorough coverage of the foliage or soil. This product may be applied aerially or by ground application 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 specific amount of product to be used appears under the separate "DIRECTIONS FOR USE" for each crop.

imum els. Acre	- OR - Minimum Gals. per 1,000 Sq. Ft.	Minimum Gals. per Acre
10	2	
	2	5

(Cont.)	Ground Application		Aerial Application
Сгор	Minimum Gals. per Acre	- OR - Minimum Gals. per 1,000 Sq. Ft.	Minimum Gals. per Acre
Cantaloupes, Casaba melons, Crenshaw melons, Honeydew melons, Muskmelons, Persian melons, Watermelons	5	1	5
Sweet com	20	4	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 to food crops grown in greenhouses.

Pre-Harvest Intervals (PHP) for Foliar Applications	
PHI*(Days)	
7	
14	
21	
3	
10	
1	

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 to 3 inches, for Subterranean cutworms, incorporate 3 to 6 inches. 2) To Protect Bees: Foliar applications of this product should not

Vegetable Crop	Pests Controlled	Rate
Beets, Red (Table)	Cutworms	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft.
	TMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 fbs. per acre OR 0.75 oz. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
Aphids, Dipterous leading of the control of the con	Wireworms	6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Bro and immediately incorporate into the	
	Aphids, Dipterous leafminers	0.5 to 1 lb. per acre OR 0.2 to 0.4 oz. per 1,000 sq. ft.
	TMINGS PECIAL DRECTIONS: App Repeat application, as necessary, us minimum of 7 days between applical 14 days of hervest or illegal residues Note: Tris product will not control or Leafminers.	to 5 times with a tions. Do not apply within may occur.

Crop	Pests Controlled	Rate
Braccoli	Roor maggara	4 to 6 ibs per acre OR 1.5 to 2.25 ozs per 1.000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the top 3 to	
	Root maggots	4 to 8 czs. per 50 gals. of water
	TIMING/SPECIAL DIRECTIONS: in transpla application when 200 to 300 gals, of water a Apply 0.5 to 1 cup (4 to 8 ozs.) per plant by mounted sprayer equipped with drop nozzle the base of the plant.  Note: Transplant water treatments may rest due to plant stress at time of transplanting.	are used per acre. hand or by tractor s to direct spray to
	Culworms	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broadcas and immediately incorporate into the soil. (See "Soil Incorporation Note".)	<del></del>
	Mole crickets	2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: One to two broadcast and immediately incorporate into of soil.	
	Wireworms	6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1.000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broadcas and immediately incorporate into the top 4	
	Aphids, Diamondback moths, Dipterous leafminers, Imported cabbageworms	0.5 to 1 lb. per acre OR 0.2 to 0.4 oz. per 1.000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Apply as application, as necessary, up to 5 times, will days between applications. Do not apply wor illegal residues may occur.  Note: This product will not control organopi	th a minimum of 7 ithin 7 days of harvest
Brussels sprouts	!Leafminers.	
	Root maggots	4 to 6 lbs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft.
	Root maggots TIMING/SPECIAL DIRECTIONS: Broadce	4 to 6 bs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting
	Root maggots	4 to 6 bs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting
	Root maggots  TIMING/SPECIAL DIRECTIONS: Broadcrand immediately incorporate into the top 3	4 to 6 lbs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting to 4 inches of soit.  4 to 8 czs. per 50 gals. of water ant water as a direrch d per acre. Apply 0.5 to tractor mounted ct spray to the base of suft in stand reduction
	Root maggots  TIMING/SPECIAL DIRECTIONS: Broadce and immediately incorporate into the top 3 Root maggots  TIMING/SPECIAL DIRECTIONS: In transplication when 200 to 300 gals, are used 1 cup (4 to 8 ozs.) per plant by hand or by 1 sprayer equipped with drop nozzles to dire the plant.  Note: Transplant water treatments may res	4 to 6 lbs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting to 4 inches of soit.  4 to 8 czs. per 50 gals. of water ant water as a direrch d per acre. Apply 0.5 to tractor mounted ct spray to the base of suft in stand reduction
	Root maggots  TIMING/SPECIAL DIRECTIONS: Broadce and immediately incorporate into the top 3 Root maggots  TIMING/SPECIAL DIRECTIONS: In transpla application when 200 to 300 gals, are used 1 cup (4 to 8 ozs.) per plant by hand or by 1 sprayer equipped with drop nozzles to direct the plant.  Note: Transplant water treatments may residue to plant stress at time of transplanting. Culworms  TIMING/SPECIAL DIRECTIONS: Broadces and incorporate into the soil.	4 to 6 lbs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting to 4 inches of soil. 4 to 8 czs. per 50 gals. of water ant water as a drench d per acre. Apply 0.5 to tractor mounted ct spray to the base of sult in stand reduction  4 to 8 lbs. per acre OR 1.5 to 3 czs. per 1,000 sq. ft.
	Root maggots  TIMING/SPECIAL DIRECTIONS: Broadce and immediately incorporate into the top 3 Root maggots  TIMING/SPECIAL DIRECTIONS: In transple application when 200 to 300 gals, are used 1 cup (4 to 8 ozs.) per plant by hand or by 1 sprayer equipped with drop nozzles to direct the plant.  Note: Transplant water treatments may readule to plant stress at time of transplanting. Culworms	4 to 6 lbs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting to 4 inches of soil. 4 to 8 czs. per 50 gals. of water ant water as a drench d per acre. Apply 0.5 to tractor mounted ct spray to the base of sult in stand reduction  4 to 8 lbs. per acre OR 1.5 to 3 czs. per 1,000 sq. ft.
	Root maggots  TIMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the top 3 Root maggots  TIMING/SPECIAL DIRECTIONS: In transpla application when 200 to 300 gals, are used 1 cup (4 to 8 ozs.) per plant by hand or by 1 sprayer equipped with drop nozzles to dire the plant.  Note: Transplant water treatments may residue to plant stress at time of transplanting. Culworms  TIMING/SPECIAL DIRECTIONS: Broadcas and incorporate into the soil.  (See "Soil Incorporation Note".)	4 to 6 lbs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting to 4 inches of soil. 4 to 8 czs. per 50 gals. of water ant water as a drench of per acre. Apply 0.5 to tractor mounted ct spray to the base of suft in stand reduction  4 to 8 lbs. per acre OR 1.5 to 3 czs. per 1,000 sq. ft. st just before planting 2 lbs. per acre OR 0.75 cz. per 1,000 sq. ft. vo days before planting
	Root maggots  TIMING/SPECIAL DIRECTIONS: Broadce and immediately incorporate into the top 3 Root maggots  TIMING/SPECIAL DIRECTIONS: In transpla application when 200 to 300 gals, are used 1 cup (4 to 8 ozs.) per plant by hand or by 1 sprayer equipped with drop nozzles to dirette plant.  Note: Transplant water treatments may readule to plant stress at time of transplanting. Culworms  TIMING/SPECIAL DIRECTIONS: Broadces and incorporate into the soil.  (See "Soil Incorporation Note".)  Mole crickets	4 to 6 lbs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting to 4 inches of soil. 4 to 8 czs. per 50 gals. of water ant water as a drench of per acre. Apply 0.5 to tractor mounted ct spray to the base of suft in stand reduction  4 to 8 lbs. per acre OR 1.5 to 3 czs. per 1,000 sq. ft. st just before planting 2 lbs. per acre OR 0.75 cz. per 1,000 sq. ft. vo days before planting
	Root maggots  TIMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the top 3 Root maggots  TIMING/SPECIAL DIRECTIONS: In transpla application when 200 to 300 gals, are used 1 cup (4 to 8 ozs.) per plant by hand or by 1 sprayer equipped with drop nozzles to dire the plant.  Note: Transplant water treatments may residue to plant stress at time of transplanting. Culworms  TIMING/SPECIAL DIRECTIONS: Broadcas and incorporate into the soil.  (See "Soil incorporation Note".)  Mole crickets  TIMING/SPECIAL DIRECTIONS: One to the broadcast and immediately incorporate into of soil.	4 to 6 lbs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting to 4 inches of soil. 4 to 8 czs. per 50 gals. of water' ant water as a dirench diper acre. Apply 0.5 to tractor mounted ct spray to the base of suit in stand reduction  4 to 8 lbs. per acre OR 1.5 to 3 czs. per 1,000 sq. ft. st just before planting to the top 1 to 2 inches  6 to 8 lbs. per acre OR 2.25 to 3 cz. per 1,000 sq. ft. st just before planting
	TIMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the top 3 Root maggots  TIMING/SPECIAL DIRECTIONS: In transpla application when 200 to 300 gals, are used 1 cup (4 to 8 ozs.) per plant by hand or by 1 sprayer equipped with drop nozzles to direct the plant.  Note: Transplant water treatments may residue to plant stress at time of transplanting. Culworms  TIMING/SPECIAL DIRECTIONS: Broadcas and incorporate into the soil.  (See "Soil incorporation Note".)  Mole crickets  TIMING/SPECIAL DIRECTIONS: One to to broadcast and immediately incorporate into of soil.  Wireworms	4 to 6 lbs. per acre OR 1.5 to 2.25 czs. per 1,000 sq. ft. ast just before planting to 4 inches of soil. 4 to 8 czs. per 50 gals. of water' ant water as a dirench diper acre. Apply 0.5 to tractor mounted ct spray to the base of suit in stand reduction  4 to 8 lbs. per acre OR 1.5 to 3 czs. per 1,000 sq. ft. st just before planting to the top 1 to 2 inches  6 to 8 lbs. per acre OR 2.25 to 3 cz. per 1,000 sq. ft. st just before planting

Vegetable Crop Jabbage	ļ	
abbage	Pests Controlled	Rate
	Roci maggots	4 to 6 lbs per acre OR 1 5 to 2.25 ozs per 1,000 sq ft.
	TMING/SPECIAL DIRECTIONS: Broadcas or transplanting and immediately incorpora inches of soil.	
	Root maggots	4 to 8 ozs, per 50 gals, of water
	TIMING/SPECIAL DIRECTIONS: in transpliapplication when 200 to 300 gals, of water Apply 0.5 to 1 cup (4 to 8 ozs.) per plant bimounted sprayer equipped with drop nozzi the base of the plant.  Note: Transplant water treatments may residue to plant stress at time of transplanting.	are used per acre. y hand or by tractor es to direct spray to sult in stand reduction
	Cutworms	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft.
	TMING/SPECIAL DIRECTIONS: Broadca and incorporate into the soil. (See "Soil Incorporation Note".)	st just before planting
	Mole crickets	2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: One to to planting, broadcast and immediately incorp to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the top 4	
	Aphids, Diamondback moths, Dipterous leafminers, Imported cabbageworms	0.5 to 1 lb. per acre OR 0.2 to 0.4 oz. per 1,000 sq. ft.
	TMING/SPECIAL DIRECTIONS: Apply as Repeat application, as necessary, up to 5 imum of 7 days between applications. Do days of harvest or illegal residues may oct Note: This product will not control organo; Leafminers.	times, with a min- not apply within 21 cur.
Carrots	Cuevorms	4 to 8 lbs. per acre
		OR 1.5 to 3 ozs. per 1,000 sq. ft.
	TMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the soil. (See "Soil Incorporation Note".)	OR 1.5 to 3 ozs. per 1,000 sq. ft.
	and immediately incorporate into the soil.	OR 1.5 to 3 ozs. per 1,000 sq. ft.
	and immediately incorporate into the soil. (See "Soil Incorporation Note".)	OR 1.5 to 3 ozs. per 1,000 sq. ft.  Ist just before planting  2 lbs. per acre OR 0.75 oz per 1,000 sq. ft.  wo days before
	and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  TMING/SPECIAL DIRECTIONS: One to to planting, broadcast and immediately incorporation.	OR 1.5 to 3 ozs. per 1,000 sq. ft.  Ist just before planting  2 lbs. per acre OR 0.75 oz per 1,000 sq. ft. wo days before
	and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  TMING/SPECIAL DIRECTIONS: One to triplanting, broadcast and immediately incort to 2 inches of soil.	OR 1.5 to 3 ozs. per 1,000 sq. ft. st just before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft. wo days before porate into the top 1  6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft. st just before planting
	and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  TMING/SPECIAL DIRECTIONS: One to triplanting, broadcast and immediately incorto 2 inches of soil.  Wireworms  TMING/SPECIAL DIRECTIONS: Broadca	OR 1.5 to 3 ozs. per 1,000 sq. ft. st just before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft. wo days before porate into the top 1  6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft. st just before planting
	and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  TMING/SPECIAL DIRECTIONS: One to to planting, broadcast and immediately incort to 2 inches of soil.  Wireworms  TIMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the top 4  Carrot rust flies  TIMING/SPECIAL DIRECTIONS: Apply as furrow at planting.	OR 1.5 to 3 ozs. per 1,000 sq. ft. st just before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft. wo days before porate into the top 1  6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft. st just before planting 4 to 8 inches of soil.  4 lbs. per acre OR 1.5 ozs. per 1,000 sq. ft. st adrench to the seed
	and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  TMING/SPECIAL DIRECTIONS: One to to planting, broadcast and immediately incort to 2 inches of soil.  Wireworms  TIMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the top 4  Carrot rust flies	OR 1.5 to 3 ozs. per 1,000 sq. ft. st just before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft. wo days before porate into the top 1  6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft. st just before planting 4 to 8 inches of soil.  4 lbs. per acre OR 1.5 ozs. per 1,000 sq. ft.
	and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  TMING/SPECIAL DIRECTIONS: One to to planting, broadcast and immediately incort to 2 inches of soil.  Wireworms  TIMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the top 4  Carrot rust flies  TIMING/SPECIAL DIRECTIONS: Apply as furrow at planting.	OR 1.5 to 3 ozs. per 1,000 sq. ft. st just before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft. wo days before porate into the top 1  6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft. st just before planting 4 to 8 inches of soil.  4 lbs. per acre OR 1.5 ozs. per 1,000 sq. ft. s a drench to the seed  1 lb. per acre OR 0.4 oz per 1,000 sq. ft. s insects occur. It imms with a minnot apply within 14
Cauliflower	and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  TMING/SPECIAL DIRECTIONS: One to to planting, broadcast and immediately incorporate to 2 inches of soil.  Wireworms  TMING/SPECIAL DIRECTIONS: Broadcast and immediately incorporate into the top 4  Carrot rust flies  TIMING/SPECIAL DIRECTIONS: Apply as furrow at planting.  Aphids  TIMING/SPECIAL DIRECTIONS: Apply as furrow at planting.  Aphids	OR 1.5 to 3 ozs. per 1,000 sq. ft. st just before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft. wo days before porate into the top 1  6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft. st just before planting 4 to 8 inches of soil.  4 lbs. per acre OR 1.5 ozs. per 1,000 sq. ft. s a drench to the seed  1 lb. per acre OR 0.4 oz per 1,000 sq. ft. s insects occur. It imms with a minnot apply within 14

Crop	Pests Controlled	Rate	
Cont.) Cauliflower	Root maggors	4 to 8 ozs. per 50 gals, of water	
	TIMING/SPECIAL DIRECTIONS: In transplant drench application when 200 to 300 gals, of uper acre. Apply 0.5 to 1 cup (4 to 8 ozs.) per by tractor mounted sprayer equipped with drodirect spray to the base of the plant. Note: Transplant water treatments may result due to plant stress at time of transplanting.	water are used plant by hand or op nozzles to	
	Cutworms	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft.	
	TIMING/SPECIAL DIRECTIONS: Broadcast j and immediately incorporate into the soil. (See "Soil Incorporation Note".)	ust before planting	
	Mole crickets	2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft.	
	TIMING/SPECIAL DIRECTIONS: One to two planting, broadcast and immediately incorpor to 2 inches of soil.		
	Wireworms	6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft.	
	TIMING/SPECIAL DIRECTIONS: Broadcast and immediately incorporate into the top 4 to		
	Aphids, Diamondback moths, Dipterous leafminers, Imported cabbageworms	0.5 to 1 tb, per acre CR 0.2 to 0.4 oz. per 1,000 sq. ft.	
<u>.</u>	TMING/SPECIAL DIRECTIONS: Apply as in Repeat application, as necessary, up to 5 tin minimum of 7 days between applications. Do days of harvest or illegal residues may occur Note: This product will not control organopho	nes with a o not apply within 7 :	
Chinese broccoli, Chinese cabbage (Bok choy	Aphids, Diamondback moths, Dipterous leafminers, Imported cabbageworms	0.5 to 1 tb. per acre OR 0.2 to 0.4 cz. per	
and Napa), Chinese mustard (Gai choy)	TMING/SPECIAL DIRECTIONS: Apply as in Repeat application, as necessary up to 5 fir minimum of 7 days between applications. Do	itmes, with a Do not apply within occur.	
	10 days of harvest or illegal residues may ochoote: This product will not control organopholical finites.	o not apply within : cur.	
Collards		o not apply within cur. psphate-resistant  4 to 8 lbs. per acre OR 1.5 to 3 ozs.	
Collards	Note: This product will not control organophy Leafminers.	4 to 8 lbs. per acre OR 1.5 to 3 oss. per 1,000 sq. ft.	
Collards	Note: This product will not control organopho Leafminers.  Cutworms  TIMING/SPECIAL DIRECTIONS: Broadcast and immediately incorporate into the soil.	a not apply within cur.  osphate-resistant  4 to 8 lbs. per acre OR  1.5 to 3 ozs. per 1,000 sq. ft.  just before planting  2 lbs. per acre OR 0.75 oz.	
Collards	Note: This product will not control organipho Leafminers.  Cutworms  TIMING/SPECIAL DIRECTIONS: Broadcast and immediately incorporate into the soil. (See "Soil Incorporation Note".)	a not apply within cur.  osphate-resistant  4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft. just before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft. days before	
Collards	Note: This product will not control organishs Leafminers.  Cutworms  TIMING/SPECIAL DIRECTIONS: Broadcast and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  TIMING/SPECIAL DIRECTIONS: One to two planting, broadcast and immediately incorporating.	a not apply within cur.  osphate-resistant  4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft. just before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft. days before	
Collards	Note: This product will not control organipholical miners.  Cutworms  Timing/SPECIAL DIRECTIONS: Broadcast and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  Timing/SPECIAL DIRECTIONS: One to two planting, broadcast and immediately incorporate incorporation, broadcast and immediately incorporate 2 inches of soil.  Aphids, Com earworms, Diamondback moths, Harlequin cabbagebugs, Imported	o not apply within cur.  osphate-resistant  4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft.  iust before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft.  days before rate into the top 1  0.5 to 1 lb. per acre OR 0.2 to 0.4 oz. per 1,000 sq. ft.  meets occur.  mes with a o not apply within	
Collards	Note: This product will not control organopholical miners.  Cutworms  Timing/SPECIAL DIRECTIONS: Broadcast and immediately incorporate into the soil. (See "Soil Incorporation Note".)  Mole crickets  Timing/SPECIAL DIRECTIONS: One to two planting, broadcast and immediately incorporate to 2 inches of soil.  Aphids, Corn earworms, Diamondback moths, Hartequin cabbagebugs, Imported cabbageworms  Timing/SPECIAL DIRECTIONS: Apply as in Repeat application, as necessary, up to 5 timinimum of 7 days between applications. Di	o not apply within cur.  osphate-resistant  4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft.  just before planting  2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft.  days before rate into the top 1  0.5 to 1 lb. per acre OR 0.2 to 0.4 oz. per 1,000 sq. ft.  meets occur.  mes with a o not apply within	

Vegetable Crop	Pests Controlled	Rate
Endive	Cutworms	4 to 8 the por sees
Engive (Escarole)	OGWCHIIS 1	4 to 8 lbs, per acre of OR 1.5 to 3 ozs.
(⊏SUBTOR)	i	per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broadcas	it just before planting
	and immediately incorporate into the soil. (See "Soil Incorporation Note".)	, , , , , , , , , , , , , , , , , , ,
	Mole crickets	2 ha
	Mole Chokers	2 lbs, per acre
		OR 0.75 oz
		per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: One to two planting, broadcast and immediately incorp to 2 inches of soil.	o days before orate into the top 1
	Wireworms	C 14 O 15
	viiewonis	6 to 8 tbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broadcas	t ist before plenting
	and immediately incorporate 4 to 8 inches	
(	Aphids, Dipterous leafminers	0.5 to 1 lb. per acre
	·	OR 0.2 to 0.4 oz. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Apply as	insects occur
	Repeat application, as necessary, up to 51	
	minimum of 7 days between applications.	
	14 days of harvest.	oo not apply wan.
	Note: This product will not control organop Leafminers.	hosphate-resistant
Kale		A to R be not see
r dire	Cutworms	4 to 8 lbs. per acre OR 1.5 to 3 ozs.
		per 1,000 sq. ft.
İ	TIMING/SPECIAL DIRECTIONS: Broadcas	st just before planting
ļ	and immediately incorporate into the soil.	
	(See "Soil Incorporation Note".)	0.00
	Mole crickets	2 lbs. per acre
		OR 0.75 oz. per 1,000 sq. ft.
	TBMING/SPECIAL DIRECTIONS: One to be planting, broadcast and immediately incorp to 2 inches of soil.	
l	Wireworms	6 to 8 lbs. per acre
İ	TYMOTYUNIN	OR 2.25 to 3 ozs.
1	1	per 1,000 sq. ft.
1		po: 1,000 sq. it.
	TIMING/SPECIAL DIRECTIONS: Broadcas and immediately incorporate into the top 4	
1	Aphids, Com earworms, Diarnondback	0.5 to 1 lb, per acre
]	moths, Harlequin cabbagebugs, Imported cabbageworms	OR 0.2 to 0.4 oz. per 1,000 sq. ft.
1	THE PROPERTY OF THE PROPERTY O	
	TIMING/SPECIAL DIRECTIONS: Apply as Repeat application, as necessary, up to 5 7 days between applications. Do not apply harvest or illegal residues may occur.	times, a minimum of
Lettuce	Cutworms	4 to 8 lbs. per acre
(Head, Leaf)		OR 1.5 to 3 ozs. per 1,000 sq. ft.
		<u> </u>
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: One to to	no days before
	planting, broadcast and immediately incor to 2 inches of soil.	<u></u>
	Wireworms	6 to 8 lbs. per acre
		OR 2.25 to 3 ozs. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broadca and immediately incorporate into the top 4	
(Continued)	and managiatery incorporate into the top 4	- 10 0 II LET 105 OT 5041.

Vegetable Crop	Fests Controlled	Rate
Cont.) Lettuce Head, Leaf)	Aphids, Dipterous leatminers	0.5 to 1 lb der acre OR 0.2 to 0.4 oz. per
	TIMING/SPECIAL DIRECTIONS: Apply as in: Repeat application, as necessary, up to 5 tim minimum of 7 days between applications. Do 14 days of hanest.  Note: This product will not control organopho Leafminers.	nes with a onot apply within
Meions (Cantaloupes, Casabas,	Cutworms	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per
Crenshaws, Honeydew, Muskmelons, Persians and	TIMING/SPECIAL DIRECTIONS: Broadcast j planting and immediately incorporate into the (See "Soil Incorporation Note".)	
hybrids of these) and Watermelons	Wireworms	6 to 8 bs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broadcast planting and immediately incorporate into the inches of soil.	
	Aphids, Dipterous leafminers, Leafhoppers, Melonworms, Spider mites, Striped cucumber beetles, Thrips	0.5 to 1.5 lbs. per acre OR 0.2 to 0.6 oz. per 1,000 sq. ft.
	TiMING/SPECIAL DIRECTIONS: Apply as in Repeat application, as necessary every 7 da more than 5 applications per season. Do not days of harvest or illegal residues may occur Note: This product will not control organophol	iys. Do not make Lapply within 3
Mustard	Mole Crickets	2 lbs. per acre or 0.75 oz. pe 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: One to two planting, broadcast and immediately incorpo 1 to 2 inches of soil.	days before
	Wireworms	6 to 8 bs. per acre or 2.25 to 3 ozs. per
	TIMING/SPECIAL DIRECTIONS: Broadcast planting and immediately incorporate into the inches of soil.	
	Aphids, Dipterous leafminers, Diamondback moths, Imported cabbageworms	0.5 to 1 lb. per acre or 0.2 to 0.4 oz per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Apply as in Repeat application, as necessary, up to 5 timinimum of 7 days between applications. Do 10 days of harvest.  Note: This product will not control organoph Leafminers.	nsects occur. nes, with a o not apply withi
Onions (Bulb and Green), Garlic, Leeks, Spring	Onion maggots	4 to 8 tos. pe acre OR 1.5 t 3 ozs. per 1,000 sq. ft.
onions or Scalions, Japanese bunching onions, Green	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and mix into the top 3 to 4 inches of soil. (See "Soil Incorporation Note".)  Note: This product will not control organophosphate-resistant	
shallots, Green eschalots	Onion thrips	1 fb. per scre OR 0.4 oz. pe 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Apply as T Repeat after 7 days, if necessary. Do not mu applications per season. Do not apply within hervest or illegal residues may occur.	hrips appear. ake more than 3
	Wireworms	6 to 8 bs. pe acre OR 2.25 to 3 ozs. per
	TIMING/SPECIAL DIRECTIONS: Broadcast planting and immediately incorporate into the inches of soil.	

Vegetable Crop	Pests Controlled	Rate	
Radishes	Cutwoms	4 to 8 lbs. per acre OR 1.5 to 3 ozs per 1,000 sq. ft.	
	TMING/SPECIAL DIRECTIONS: Broadca planting and immediately incorporate into (See "Soil Incorporation Note".)		
	Mole crickets	2 fbs. per acre OR 0.75 oz. per 1,000 sq. ft.	
	TMING/SPECIAL DIRECTIONS: One to a planning, broadcast and immediately incount to 2 inches of soil.		
	Wireworms	6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft.	
	TMING/SPECIAL DIRECTIONS: Broadca planting and immediately incorporate into of soil.	ast just before	
	Aphids, Dipterous leafminers, Flea beetles	0.5 to 1 lb. per acre OR 0.2 to 0.4 oz. per 1,000 sq. ft.	
	TMING/SPECIAL DIRECTIONS: Apply a Repeat application, as necessary, up to 3 minimum of 7 days between applications 14 days of harvest or illegal residues may Note: This product will not control organic Leafminers.	3 times, with a . Do not apply within y occur.	
Rutabagas	Cutworms	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft.	
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)		
	Mole crickets	2 lbs. per acre OR 0.75 oz. per 1,000 sq. ft.	
•	TIMING/SPECIAL DIRECTIONS: One to planting, broadcast and immediately inco 1 to 2 inches of soil.		
	Wireworms	6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft.	
	TIMING/SPECIAL DIRECTIONS: Broadc planting and immediately incorporate into of soil.		
	Aphids, Dipterous leafminers, Flea beetles	0.5 to 1 fb. per acr OR 0.2 to 0.4 oz. per 1,000 sq. ft.	
	TIMING/SPECIAL DIRECTIONS: Apply a Repeat application, as necessary, up to minimum of 7 days between applications 14 days of harvest or illegal residues ma Note: This product will not control organic Leafminers.	5 times, with a s. Do not apply within y occur.	
Spinach	Aphids, Dipterous leafminers	0.5 to 1 to per acr OR 0.2 to 0.4 oz per 1,000 sq. ft.	
	TIMING/SPECIAL DIRECTIONS: Apply a Repeat application, as necessary, up to minimum of 7 days between applications 14 days of harvest. Note: This product will not control organ	5 times, with a s. Do not apply within	

Less ssee	Pests Controlled	Rate
<del>∧ee</del> l com	Cutworms	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft.
	TMING/SPECIAL DIRECTIONS: Broad and immediately incorporate into the so (See "Soil Incorporation Note".)	
	Seed com maggots	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broad and immediately incorporate into the top	
	Wireworms	6 to 8 lbs. per acre OR 2.25 to 3 ozs. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Broad and immediately incorporate into the top	
	Com earworms	2 to 2.5 lbs. per acre OR 0.75 to 1 oz. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Apply Repeat application every 7 days, up to applications, if necessary.	when silks first appear.
	Com leaf aphids	1 to 2 lbs. per acre OR 0.4 to 0.75 oz. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Apply provide complete coverage to the upper Repeat in 7 days, if necessary. Do not applications per season.	r portions of the plants.
	Flea beetles, Grasshoppers, Spider mites	1 lb. per acre OR 0.4 oz. per 1,000 sq. ft.
	TMING/SPECIAL DIRECTIONS: Apply as insects occur. Repeat if necessary, but do not make more than 5 applications per season.	
	Sap beetles	2 to 2.5 fbs. per acre OR 0.75 to 1 oz. per 1,000 sq. fi
lotes: 1) To	TIMING/SPECIAL DIRECTIONS: Constantinorities for proper timing of application 7 days, if necessary. Do not make more season.	ion. Repeat application ore then 5 applications
otes: 1) To	protect bees, do not apply foliarly to Cor	n dunng the potten shed
eriod. 2) All razing or cu	p protect bees, do not apply foliarly to Cor low a minimum of 7 days between the las atting for forage. 3) Com may be picked 7	t application and
eriod. 2) Al razing or cu pplication.	low a minimum of 7 days between the las	t application and days after the last
eriod. 2) Al razing or cu pplication.	low a minimum of 7 days between the las titing for forage. 3) Com may be picked 7	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft. dcast just before planting
eriod. 2) Al razing or cu pplication.	low a minimum of 7 days between the las string for forage. 3) Com may be picked 7 Cutworms  TIMING/SPECIAL DIRECTIONS: Broad and immediately incorporate into the so	4 to 8 lbs. per acre OR 1.5 to 3 ozs. per 1,000 sq. ft. dcast just before planting
eriod. 2) Al razing or cu pplication.	low a minimum of 7 days between the last titing for forage. 3) Com may be picked 7  Cutworms  TIMING/SPECIAL DIRECTIONS: Broad and immediately incorporate into the so (See "Soil Incorporation Note".)	4 to 8 lbs. per acre OR 1.5 to 3 czs. per 1,000 sq. ft.  2 lbs. per acre OR 0.75 cz. per 1,000 sq. ft.
eriod. 2) Al razing or cu pplication.	low a minimum of 7 days between the las  titing for forage. 3) Com may be picked 7  Cutworms  TIMING/SPECIAL DIRECTIONS: Broad  and immediately incorporate into the so  (See "Soil Incorporation Note".)  Mole crickets  TIMING/SPECIAL DIRECTIONS: Broad  before planting and immediately incorporate  to proceed the soil of the soil o	4 to 8 lbs. per acre OR 1.5 to 3 czs. per 1,000 sq. ft.  2 lbs. per acre OR 0.75 cz. per 1,000 sq. ft.  deast one to two days porate into the top 1 to 2
eriod. 2) Al razing or cu pplication.	low a minimum of 7 days between the last titing for forage. 3) Com may be picked 7  Cutworms  TIMING/SPECIAL DIRECTIONS: Broad and immediately incorporate into the so (See "Soil Incorporation Note".)  Mole crickets  TIMING/SPECIAL DIRECTIONS: Broad before planting and immediately incorpinches of soil.	4 to 8 lbs. per acre OR 1.5 to 3 cs. per 1,000 sq. ft.  2 lbs. per acre OR 0.75 cz. per 1,000 sq. ft.  deast one to two days orate into the top 1 to 2  6 to 8 lbs. per acre OR 2.25 to 3 czs. per 1,000 sq. ft.  deast one to two days orate into the top 1 to 2
eriod. 2) Al	low a minimum of 7 days between the lasting for forage. 3) Com may be picked 7  Cutworms  TIMING/SPECIAL DIRECTIONS: Broad and immediately incorporate into the sc (See "Soil Incorporation Note".)  Mole crickets  TIMING/SPECIAL DIRECTIONS: Broad before planting and immediately incorpinches of soil.  Wireworms	4 to 8 lbs. per acre OR 1.5 to 3 cs. per 1,000 sq. ft.  2 lbs. per acre OR 0.75 cz. per 1,000 sq. ft.  deast one to two days orate into the top 1 to 2  6 to 8 lbs. per acre OR 2.25 to 3 czs. per 1,000 sq. ft.  deast one to two days orate into the top 1 to 2

Vegetable Crop	Pests Controlled	Rate
(Cont.) Tomatoes	Banded cucumber beetles. Beet armyworms. Fall armyworms. Southern armyworms.	0.75 to 1 ib per acre OR 0.33 to 0.4 oz per 1.000 sq. ft
	TIMING/SPECIAL DIRECTIONS: Apply as insects appear Repeat application after 7 days, if necessary. Do not make more than 5 applications per season. Do not apply within 1 day of harvest or illegal residues may occur.  Note: This product will not control organophosphate-resistant Leafminers.	
	Vinegar flies	0.5 to 1.5 lbs. per acre OR 0.2 to 0.6 oz. per 1,000 sq. ft.
	TIMING/SPECIAL DIRECTIONS: Apply a Repeat application after 7 days, if neces more than 5 applications per season. Do day of harvest or illegal residues may oc Note: This product will not control organic Leafminers.	sary. Do not make not apply within 1 cur.

#### MUSHROOM HOUSES

Mushroom files (Phorids and Sciarlds)—Mix 4 to 5 pounds of this product 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 this product 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, 0.5 ounce 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. CORN — Seedcorn beetles: Mix 3 ounces per bushel of seed.

Seedcorn maggots: Mix 0.5 ounce per bushel of seed.

CORN, SUCCULENT PEAS, AND SUCCULENT BEANS — Seedcorn maggets: Mix 0.5  $\alpha z$ . per bushel of seed.

#### FIELD CROPS

REI — 24 Hours.
Soil and foliar applications of this product 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 Intervals (PHP) For Foliar Applications		
Сгор	PHI* (Days)	
Hops	14	
Sugar beets	14	
PHI = Pre-Harvest interval or the number of days between the last application and hervest.		

Field Crop	Pests Controlled Rate	
Hops	Aphids Spider mites	2 lbs per acre
	TIMING/SPECIAL DIRECTIONS Apply as applications if necessary, in 14 days Do 4 applications per season or apply within likegal residues may occur.	not make more than
Sugar beets	Wireworms	6 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadca planting and immediately incorporate into of soil. Do not apply more than 8 lbs. of the per season.	the top 4 to 6 inches
	Aphids, Beet leafhoppers, Dipterous leafminers	0.75 to 1 lb. per acre
	TMING/SPECIAL DIRECTIONS: Apply as Repeat application, as necessary, up to 5 with a minimum of 7 days between applic within 14 days of harvest. Note: This product will not control organo; Leafminers.	times per season, ations. Do not apply
	Grasshoppers	1 lb. per acre
	TIMING/SPECIAL DIRECTIONS: Apply as Repeat application, as necessary, up to 5 with a minimum of 7 days between applic within 14 days of harvest.	times per season,

## INSECT CONTROL ON ORNAMENTALS GROWN OUTDOORS IN NURSERIES

Note: Sugar beet tops may be fed to beef and dairy animals

REI - 12 Hours.

To control certain insects on ornamentals, such as Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Crab apple, Dogwood, Douglas fir, Elm, Euonymus, Giadioli, Hawthorn, Holly, Honey Iocust, Honeysuckle, Juniper, Lilac, Lily, Locust, Maple, Marigold, Oak, Ornamental plum, Pansy, Petunia, Pine, Poplar, Rhododendron, Rose, Scotch pine, Spirea, Spruce, Sycamore, Wax plant (Hoya), Willow, Yellowwood and Yew, apply the recommended rates indicated below. Apply when pests first appear. Try to spray underside of leaves and penetrate dense foliage. Repeat as necessary.

Note: Do not use on Ferns, Gardenias, Hibiscus, Papayas, Pilea and Poinsettias, since injury to the plants may occur.

Insects	Amount of This Product	
	Rate per 3 Gals. of Water	Rate per 100 Gals, of Water
Aphids, Bagworms, Carmation bud mites, Carmation shoot mites, Clover mites, Cyclamen mites, Dipterous leafminers, European pine shoot moths, European red mites, Flea beetles, Holly bud moths, Juniper webworms, Leafhoppers, Obscure root weevils, Ornnivorous leaftiers, Privet mites, Scale crawlers (Cottonycushion, Lecanium, Pine needle, San Jose, Soft), Thrips, Twospotted spider mites, Whiteflies	0.5 az.	1 lb.
Apple-and-thorn skeletonizers, Cotoneaster webworms, European pine sawfiles, Fall webworms, Hemlock chemnes, Oak loopers, Obliquebanded leafrollers, Pear slugs, Tent caterpillars	1.5 oz.	3 lbs.

Mimosa webworms: Mix 0.5 oz. in 3 gallons of water (or 1 pound in 100 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4- to 5-week intervals.

## STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Pesticide wastes are toxic Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. To avoid harming aquatic organisms in rivers and other surface waters, do not pour spray mixture or rinse water into sanitary drains (for example: toilets, floor drains and sinks) or into storm water sewers (for example: street drains). 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 DISPOSAL: Completely empty bag into application equipment. Then, dispose of empty bag in a sanitary tandfill, 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 1-800-424-9300 (ChemTrec), day or night.

#### **WARRANTY—CONDITIONS OF SALE**

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. In no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The Company makes no other warranties or representations of any kind, expressed or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.