


19713-492

12/07/2006

1/10

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460		EPA Reg. Number: 19713-492	Date of Issuance: DEC - 7 2006
	NOTICE OF PESTICIDE: _ Registration <input checked="" type="checkbox"/> Reregistration (under FIFRA, as amended)		Term of Issuance: Unconditional	Name of Pesticide Product: Drexel Diazinon 50 WP
Name and Address of Registrant (include ZIP Code): Drexel Chemical Company P.O. Box 13327 Memphis, TN 38113-0327				
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.				
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>Based on your response to the Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.</p> <p>Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.</p> <p>The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy of the label is enclosed for your records.</p> <p>You may distribute products bearing old labels/labeling for 12 months from receipt of this letter or your next printing of the label, which ever occurs first.</p>				
Signature of Approving Official:			Date: DEC - 7 2006	

2/10

RESTRICTED USE PESTICIDE

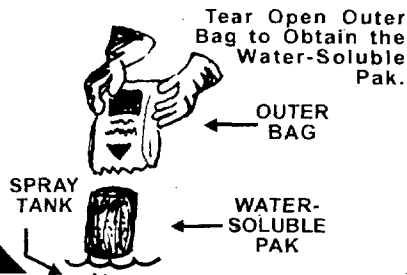
(Due to Avian and Aquatic Toxicity)

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

DEC - 7 2006

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-492



Diazinon 50WP

Insecticide

For control of certain insects and Mites on Fruits, Nuts, Vegetables, Field crops, 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:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious or convulsing person.
IF IN EYES:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes.
Call a poison control center or doctor for treatment advice. Have the product container 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, or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes

(Continued)

PRECAUTIONARY STATEMENTS (Cont.)
 and clothing. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans or pets. Do not contaminate ornamental fish ponds. Be sure to read and follow "WORK SAFETY RULES" and Worker Protection precautions appearing on this label.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
 Some materials that are chemical-resistant to this product are those made out of any waterproof material.

Mixers, loaders, applicators, and other handlers using engineering controls must wear: Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves, if mixing or loading and chemical-resistant apron, if mixing or loading.
 See engineering controls for additional requirements.

Handlers performing tasks, such as cleaning equipment or spill clean-up, for which engineering controls are not feasible must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, chemical-resistant footwear plus socks, chemical-resistant apron, if exposed to the concentrate and a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R or P or HE prefilter. Type-N cannot be used if product is tank mixed with oil.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENGINEERING CONTROLS.
 Water-soluble packets when used correctly qualify as a closed mixing/loading system under the Worker Protection Standard (WPS) for Agricultural Pesticides [40 CFR 170.240(d)(4)]. Mixers and loaders using water-soluble packets must:

- 1) Wear the PPE required for mixers/loaders using engineering controls.
- 2) Be provided and must have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown, chemical-resistant footwear and the respirator specified for handlers not using engineering controls.

Applicators using motorized ground equipment and flaggers supporting aerial applications to lettuce must use an enclosed cab that meets the definition in the WPS for Agricultural Pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, applicators must:

Manufactured By:
Drexel Chemical Company
 P.O. BOX 13327, MEMPHIS, TN 38113-0327
SINCE 1972

3/10

1) Wear the personal protective equipment required in the PPE section of this labeling for handlers using engineering controls. 2) Either wear the respirator specified for handlers not using engineering controls or use an enclosed cab that is declared in writing by the manufacturer or by a government agency to provide at least as much respiratory protection as the respirator specified for handlers not using engineering controls. 3) Be provided, and have immediately available for use in an emergency when they must exit the cab in the treated area, coveralls, chemical-resistant footwear and - if not already using one - the respirator specified for handlers not using engineering controls. 4) Take off any PPE that was worn in the treated area before reentering the cab. 5) Store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

EXCEPTION: For applications to Apples and Lettuce, see directions for use for a special exception to these engineering controls requirements.

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)]. When entering or leaving an aircraft contaminated with pesticide residues, pilots must wear chemical-resistant gloves and must store used gloves in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cockpit.

Note: Aerial applications are permitted only on Lettuce.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds especially waterfowl. 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.

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.

DIRECTIONS FOR WATER-SOLUBLE BAGS

Paks containing this product are water-soluble. Do not allow pak to become wet prior to adding to the spray tank. Do not handle paks with wet hands. To prepare the spray mixture, drop the required number of unopened paks into spray tank while filling with the appropriate amount of water. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the paks should be completely dissolved in approximately 5 minutes from the time they are added to the water. Use the specified dosage of this product in the amount of water necessary to give complete coverage. Determine the total amount to be added to the spray tank based on the rates in the "Crop" section. **Note:** Products containing boron and/or fertilizers will prevent the water-soluble packet from dissolving. Boron and/or fertilizer products must only be added after packet(s) have completely dissolved.

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. Add proportionate amount of each product in 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 while 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), notification to workers, 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. The REI for each crop is listed in the directions for use associated with each crop.

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 worn over long-sleeved shirt and long pants; chemical-resistant gloves made of any waterproof material, chemical-resistant footwear plus socks, and chemical-resistant headgear, if overhead exposures.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

Note: The California Department of Agriculture has set a 5-day REI for this product on 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 PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY OR ILLEGAL RESIDUES.

WORK SAFETY RULES

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

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

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.

4/10

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

Aerial applications are only permitted in Lettuce.

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

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

Sprinkler and Drip (Trickle) Chemigation

1. The system must contain a functional check-valve, a vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not 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.
2. 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.
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.
4. Start the irrigation system and bring the system up to full pressure, making certain that all sprinkler heads are functioning properly.
5. Engage the chemigation injection or venturi system to add this product to the irrigation lines.
6. Continue to run irrigation system for a few minutes after supply tank is empty to allow material in the irrigation lines to reach the sprinkler heads 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

This product may be applied using ground application equipment as specified in the following table. This table also indicates the minimum amount of water that can be used. The rate of this product for 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.

Crop	Ground Application	
	Minimum Gals. per Acre	
	Dilute	Concentrate
Almonds*, Apples, Apricots, Blackberries**, Blueberries, Boysenberries**, Cherries	100	20
Cranberries	15	—
Dewberries**, Loganberries**, Nectarines, Peaches, Pears	100	20
Pineapple	200	—
Plums, Prunes, Raspberries**, Strawberries	100	20

*CA Only **CA, OR or WA Only

Observe stated time intervals between application and harvest (PHI), as well as the 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
Strawberries	5

*= Dormant Spray Only.

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

Fruit and Nut Crop	Pests Controlled	Rate
Almonds (CA Only) (REI = 7 days)	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 as a single dormant spray. Do not apply more than 6 lbs. of this product or 9 gals. of oil per acre.		
RESTRICTIONS: Apply during the dormant season only. Do not apply more than once per year. Apply every other year, unless pest infestations can be controlled only with one consecutive annual treatments.		

Fruit and Nut Crop	Pests Controlled	Rate
Apples (REI = 4 days)	San Jose scales	1 lb. + 2 gals. dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a dormant or delayed-dormant spray. Do not apply more than 6 gals. of oil per acre.	
	San Jose scale crawlers	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply early in the season when crawlers first appear. If infestation warrants, make a second application 14 days later.	
	Woolly apple aphids	1 lb. per 100 gals. of water
TIMING/SPECIAL DIRECTIONS: Apply as a cover spray when infestation occurs. If infestation warrants, make a second application 14 days later. Note: Mites will be suppressed if this product is used in the regular cover spray program. Slight russeting may occur on some varieties of Apples such as Golden Delicious.		
RESTRICTIONS: 1) Do not apply more than two applications per year, either one dormant and one foliar application or two foliar applications. 2) Do not apply more than 4 lbs. of this product per acre per application. 3) To avoid illegal residues, allow a minimum of 21 days between the last application and harvest. Exception for air blast applications to Apples: When application using enclosed-cab air blast equipment is not feasible in Apple orchards, applicators are permitted to use open-cab air blast equipment PROVIDED they are wearing chemical-resistant headgear and PPE specified in the labeling for handlers not using engineering controls.		
Apricots (REI = 4 days)	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
	TIMING/SPECIAL DIRECTIONS: Apply as a dormant spray. Do not apply more than 6 gals. of oil per acre.	
	Aphids, Brown mites (Clover mites), Olive scale crawlers, San Jose scale crawlers, Twospotted spider mites	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when infestations occur.	
	Olive scale crawlers	0.5 lb. + 1.5 gals. of light medium horticultural oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when scale crawlers are present. Do not apply more than 6 gals. of oil per acre per application.	
	Apricot mealybugs	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a single cover spray between petal fall to June.	
RESTRICTIONS: 1) Do not make more than one application during the growing season. Apply every other year unless pest infestation can be controlled only with consecutive annual treatments. 2) Do not make more than one application during the dormant season. 3) Do not apply more than 4 lbs. of this product per acre per application. 4) To avoid illegal residues, allow a minimum of 21 days between the last application and harvest.		

Fruit and Nut Crop	Pests Controlled	Rate
Blueberries (REI = 5 days)	Aphids, Blueberry maggots, Cherry fruitworms, Cranberry fruitworms, Thrips, Twospotted spider mites	1 lb. per acre
	TIMING/SPECIAL DIRECTIONS: Apply when infestations occur.	
	Fire ants	1 lb. per acre
	TIMING/SPECIAL DIRECTIONS: To aid in control of Fire ants, slowly apply 1 gal. of diluted mixture over and 6 inches to each Fire ant mound. Apply gently to avoid disturbing Ants. Use equipment capable of delivering the diluted product as a gentle rain. High pressure sprays may disturb the Ants and cause migration, reducing product effectiveness. Note: For best results apply in cool weather, 65°F to 85°F, or in early morning or late evening hours.	
RESTRICTIONS: 1) Do not make more than one foliar application per year. 2) Do not make more than one application for Fire ant control per year. 3) To avoid illegal residues, allow a minimum of 7 days between application and harvest.		
Caneberries, (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries) (CA, OR and WA Only) (REI = 5 days)	Raspberry fruitworms	2 lbs. per acre in a minimum of 100 gals. of water (200 gals. of water maximum)
	TIMING/SPECIAL DIRECTIONS: Apply when insects occur. Make an application when blossom buds separate.	
	Raspberry crown borers (Raspberry root borers)	4 lbs. per acre in a minimum of 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a drench to the crown and lower canes in the Spring before buds break.	
RESTRICTIONS: 1) Do not make more than one application per year. 2) To avoid illegal residues, allow a minimum of 7 days between application and harvest.		
Cherries (REI = 4 days)	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	1.25 lbs. + 3 gals. dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a dormant spray. Do not apply more than 6 gals. of oil per acre.	
	Eyespotted bud moths, Fruitree leafrollers	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when infestations occur, beginning at petal fall.	
	Leafhoppers	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Make application beginning at petal fall when infestations occur.	
	Cherry fruitflies	0.5 to 1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Make an application beginning when adult flies begin to emerge.	
	Black cherry aphids	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a cover spray when Aphids appear.	
San Jose scale crawlers	1 lb. per 100 gals. of water	
TIMING/SPECIAL DIRECTIONS: Apply during the pre-pink stage or when Crawlers first appear.		
RESTRICTIONS: 1) Do not make more than one application during the growing season. Apply every other year unless pest infestation can be controlled only with consecutive annual treatments. 2) Do not make more than one application during the dormant season. 3) Do not apply more than 4 lbs. of this product per acre per application. 4) To avoid illegal residues, allow a minimum of 21 days between application and harvest.		

6/10

Fruit and Nut Crop	Pests Controlled	Rate
Cranberries (REI = 5 days)	Blackheaded fireworms (<i>Rhopobota naevana</i>)	4 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Apply to larval stage. Pheromone trap captures and sweep monitoring may be used to optimize treatment timing. Repeat application after 14 days, if necessary.	
	Cranberry fruitworms	4 to 6 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Cranberry growth stage and/or berry inspection for eggs may be used to optimize treatment timing; consult your local extension agent or pest management advisor. Repeat application every 14 days, as needed.	
	Cranberry tipworms	4 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Presence of damage is not an indicator of active infestation. For best results, target early-stage larvae. Repeat application after 14 days if necessary.		
RESTRICTIONS: 1) Do not make more than three applications per year. 2) This product may be applied to Cranberries via ground or sprinkler irrigation. For ground application, apply the product in a minimum of 15 gals. of water per acre. For chemigation, apply up to 400 gals. of water per acre. Refer to the "CHEMIGATION" section of this label for specific chemigation directions. 3) Do not use water from irrigated or flooded Cranberry beds for drinking purposes or to irrigate crops other than those appearing on EPA-approved diazinon labels. 4) To avoid illegal residues, allow a minimum of 7 days between the last application and harvest.		
Nectarines (REI = 4 days)	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	1 lb. + 2 to 3 gals. of dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a dormant spray. Do not apply more than 6 gals. of oil per acre.	
	Aphids, Brown mites (Clover mites), Olive scale crawlers, San Jose scale crawlers, Twospotted spider mites	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when infestations occur.	
	Parlatoria scales, Peach twig borers	1 lb. + 1 gal. light medium horticultural oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply at petal fall. Do not apply more than 4 gals. of Summer oil per acre.	
	Olive scale crawlers	0.5 lb. + 1.5 gals. light medium horticultural oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when insects occur. Do not apply more than 4 gals. of Summer oil per acre per application.	
	Oriental fruitmoths	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply at 100% petal fall.	
RESTRICTIONS: 1) Do not make more than one application during the growing season. Apply every other year unless pest infestation can be controlled only with consecutive annual treatments. 2) Do not make more than one application during the dormant season. 3) Do not apply more than 4 lbs. of this product per acre per application. 4) To avoid illegal residues, allow a minimum of 21 days between the last application and harvest.		

Fruit and Nut Crop	Pests Controlled	Rate
Peaches (REI = 4 days)	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 lb. + 2 to 3 gals. dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a dormant spray. Do not apply more than 6 gals. of oil per acre.	
	Aphids, Brown mites (Clover mites), Olive scale crawlers, San Jose scale crawlers, Twospotted spider mites	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when infestations occur.	
	Parlatoria scales, Peach twig borer	1 lb. + 1 gal. light medium Summer horticultural oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply at petal fall. Do not apply more than 4 gals. of oil per acre.	
	Olive scale crawlers	0.5 lb. + 1.5 gals. light medium horticultural oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when insects occur. Do not apply more than 4 gals. of Summer oil per acre per application.	
	Oriental fruit moths	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply at 100% petal fall.	
	Peach twig borers	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when insects occur in May and June.	
	Leafhoppers	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Make an application beginning at petal fall.	
	White peach scales	1.5 to 2 lbs. per 100 gals. of water
TIMING/SPECIAL DIRECTIONS: Apply post-harvest, timed to coincide with peak crawler and immature scale activity.		
RESTRICTIONS: 1) Do not make more than one application during the growing season. Apply every other year unless pest infestation can be controlled only with consecutive annual treatments. 2) Do not make more than one application during the dormant season. 3) Do not apply more than 4 lbs. of this product per acre per application. 4) To avoid illegal residues, allow a minimum of 21 days between application and harvest.		
Pears (REI = 4 days)	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, Pearleaf blister mite eggs, Parlatoria scales, San Jose scales, Twig borers	1 lb. + 2 to 3 gals. dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a dormant spray. Do not apply more than 6 gals. of oil per acre.	
	Pear psyllas	0.5 to 1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a cover spray at pre-pink stage.	
	Mealybugs, Tentiform leafminers	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Make a cover spray, beginning in April.	
	Codling moths, Green apple aphids, Rosy apple aphids, Spider mites, Woolly apple aphids	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Make a cover spray, beginning when infestations occur.	
	Note: Mites will be suppressed if this product is used in this regular cover spray program.	
	(Continued)	

Fruit and Nut Crop	Pests Controlled	Rate
(Con't.) Pears (REI = 4 days)	Apple maggots	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Make a cover spray when flies are active and laying eggs. Note: This product will not control organophosphate-resistant Apple maggots.	
	Forbes scale crawlers, San Jose scale crawlers	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply early in the season when crawlers first appear.	
RESTRICTIONS: 1) Do not make more than one application during the growing season. Apply every other year unless pest infestation can be controlled only with consecutive annual treatments. 2) Do not make more than one application during the dormant season. 3) Do not apply more than 4 lbs. of this product per acre per application. 4) To avoid illegal residues, allow a minimum of 21 days between the last application and harvest.		
Pineapple (REI = 4 days)	Pineapple mealybugs	2 lbs. per acre per 200 to 500 gals. of water
RESTRICTIONS: Do not make more than two applications per year. Do not apply within 7 days of harvest or illegal residues may occur.		
Plums	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 lb. + 2 to 3 gals. dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre. If applied in late April or May, mix this product with 1 gal. of light medium Summer horticultural oil per 100 gals. of water.	
	Brown mites, Clover mites, European red mites	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when infestation occurs.	
	Leafcunt plum aphids, Mealy plum aphids, Thistle aphids	0.5 to 1 lb. per 100 gals. of water
TIMING/SPECIAL DIRECTIONS: Apply when infestation occurs.		
RESTRICTIONS: 1) Do not make more than one application during the growing season. Apply every other year unless pest infestation can be controlled only with consecutive annual treatments. 2) Do not make more than one application during the dormant season. 3) Do not apply more than 4 lbs. of this product per acre per application. 4) To avoid illegal residues, allow a minimum of 21 days between the last application and harvest.		
Prunes (REI = 4 days)	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 lb. + 2 to 3 gals. dormant oil OR 1 to 1.5 gals. superior type oil per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply as a dormant spray. Do not apply more than 6 gals. of oil per acre. For late April or May applications, mix this product with 1 gal. of light medium Summer horticultural oil per 100 gals. of water.	
	Brown mites, Clover mites, European red mites	1 lb. per 100 gals. of water
	TIMING/SPECIAL DIRECTIONS: Apply when infestation occurs.	
	Leafcunt plum aphids, Mealy plum aphids, Thistle aphids	0.5 to 1 lb. per 100 gals. of water
TIMING/SPECIAL DIRECTIONS: Apply when infestation occurs.		
RESTRICTIONS: 1) Do not make more than one application during the growing season. Apply every other year unless pest infestation can be controlled only with consecutive annual treatments. 2) Do not make more than one application during the dormant season. 3) Do not apply more than 4 lbs. of this product per acre per application. 4) To avoid illegal residues, allow a minimum of 21 days between the last application and harvest.		

Fruit and Nut Crop	Pests Controlled	Rate
Strawberries (REI = 3 days)	Aphids, Twospotted spider mites	1 lb. per 100 gals. of water per acre
	TIMING/SPECIAL DIRECTIONS: Apply when pests occur.	
	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.	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Apply 1 to 2 days before transplanting and immediately incorporate into the top 1 to 2 inches of soil.	
Strawberry leafrollers	0.75 to 1 lb. per 100 gals. of water	
TIMING/SPECIAL DIRECTIONS: Apply 200 gals. of spray per acre when blossoms show color.		
RESTRICTIONS: 1) Do not make more than one foliar application and one soil application per crop. 2) Do not apply more than 2 lbs. of this product per acre per application. 3) Allow a minimum of 5 days between the last application and harvest.		

VEGETABLE CROPS

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 by ground application as specified in the following table. This table indicates the minimum amount of water that can be used. The specific amount of product to be used appears under the separate "DIRECTIONS FOR USE" for each crop.

Crop	Ground Application		Aerial Application
	Minimum Gals. per Acre	- OR - Minimum Gals. per 1,000 Sq. Ft.	Minimum Gals. per Acre
Beets, Red (Table), Broccoli, Brussels sprouts, Cabbage, Carrots, Cauliflower, Collards, Endive (Escarole), Kale, Mustard, Onions (Bulb, Green), Radishes, Rutabagas, Spinach, Tomatoes	10	2	Do not apply by air
Lettuce (Head, Leaf)	10	2	5
Cantaloupes, Casaba melons, Crenshaw melons, Honeydew melons, Muskmelons, Persian melons, Watermelons	5	1	Do not apply by air

Observe stated time intervals between last application and harvest maximum numbers of applications per season. Do not apply to food crops grown in greenhouses.

Notes: 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.

Vegetable Crop	Pests Controlled	Rate
Beets, Red (Table) (REI = 3 days)	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
Wireworms	6 to 8 lbs. per acre	
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
Restriction: Do not make more than one soil application per year.		

Vegetable Crop	Pests Controlled	Rate
Broccoli (REI = 4 days)	Root maggots	4 to 6 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 3 to 4 inches of soil.	
	Root maggots	1 to 2 lbs. per 200 gals. of water
	TIMING/SPECIAL DIRECTIONS: In transplant water as a drench application when 200 to 300 gals. of water are used per acre. Apply recommended rate by tractor mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Note: Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.	
	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
RESTRICTION: Do not make more than one soil application per year.		
Brussels sprouts (REI = 4 days)	Root maggots	4 to 6 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 3 to 4 inches of soil.	
	Root maggots	1 to 2 lbs. per 200 gals. of water
	TIMING/SPECIAL DIRECTIONS: In transplant water as a drench application when 200 to 300 gals. are used per acre. Apply recommended rate by tractor mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Note: Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.	
	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
RESTRICTION: Do not make more than one soil application per year.		
Cabbage (REI = 4 days)	Root maggots	4 to 6 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting or transplanting and immediately incorporate into the top 3 to 4 inches of soil.	
	Root maggots	1 to 2 lbs. per 200 gals. of water
	TIMING/SPECIAL DIRECTIONS: In transplant water as a drench application when 200 to 300 gals. of water are used per acre. Apply recommended rate by tractor mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Note: Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.	
	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
RESTRICTION: Do not make more than one soil application per year.		

Vegetable Crop	Pests Controlled	Rate
Carrots (REI = 3 days)	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.	
	Carrot rust flies	.4 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Apply as a drench to the seed furrow at planting.	
	RESTRICTION: Do not make more than one soil application per year.	
Cauliflower (REI = 4 days)	Root maggots	4 to 6 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 3 to 4 inches of soil.	
	Root maggots	1 to 2 lbs. per 200 gals. of water
	TIMING/SPECIAL DIRECTIONS: In transplant water as a drench application when 200 to 300 gals. of water are used per acre. Apply recommended rate by tractor mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Note: Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.	
	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
RESTRICTION: Do not make more than one soil application per year.		
Collards (REI = 4 days)	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.	
RESTRICTION: Do not make more than one soil application per year.		
Endive (Escarole) (REI = 4 days)	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.	
RESTRICTION: Do not make more than one soil application per year.		

Vegetable Crop	Pests Controlled	Rate
Kale (REI = 4 days)	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
RESTRICTION: Do not make more than one soil application per year.		
Lettuce (Head, Leaf) (REI = 3 days)	Cutworms	4 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	4 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.	
Aphids, Dipterous leafminers	0.5 to 1 lb. per acre	
TIMING/SPECIAL DIRECTIONS: Apply when insects occur. Do not apply within 14 days of harvest. Do not make more than one foliar application per year. Aerial application is permitted. Exception: Applicators applying to Lettuce are permitted to use open-cab equipment, PROVIDED they are wearing chemical-resistant PPE specified in this labeling for handlers not using engineering controls. Note: This product will not control organophosphate-resistant Leafminers.		
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians and hybrids of these) and Watermelons (REI = 3 days)	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Wireworms	6 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.	
	Aphids, Dipterous leafminers, Leafhoppers, Melonworms, Spider mites, Striped cucumber beetles, Thrips	0.5 to 1.5 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Apply when insects occur. Do not apply within 3 days of harvest or illegal residues may occur. Note: This product will not control organophosphate-resistant Leafminers.		
RESTRICTION: Do not make more than one foliar application and one soil application per year.		

Vegetable Crop	Pests Controlled	Rate
Mustard (REI = 4 days)	Mole Crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.	
RESTRICTION: Do not make more than one soil application per year.		
Onions (Bulb and Green), Garlic, Leeks, Spring onions or Scallions, Japanese bunching onions, Green shallots, Green eschalots (REI = 3 days)	Onion maggots	4 to 8 lbs. per acre
	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 Onion maggots.	
	Wireworms	6 to 8 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
RESTRICTION: Do not make more than one soil application per year.		
Radishes (REI = 3 days)	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
RESTRICTION: Do not make more than one soil application per year.		
Rutabagas (REI = 4 days)	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
RESTRICTION: Do not make more than one soil application per year.		
Tomatoes (REI = 2 days)	Cutworms	4 to 8 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the soil. (See "Soil Incorporation Note".)	
	Mole crickets	2 lbs. per acre
	TIMING/SPECIAL DIRECTIONS: One to two days before planting, broadcast and immediately incorporate into the top 1 to 2 inches of soil.	
	Wireworms	6 to 8 lbs. per acre
TIMING/SPECIAL DIRECTIONS: Broadcast just before planting and immediately incorporate into the top 4 to 8 inches of soil.		
RESTRICTION: Do not make more than one soil application per year.		

10/10

INSECT CONTROL ON ORNAMENTALS GROWN OUTDOORS IN NURSERIES

REI — 7 days for Flowers and Other Commercial Ornamentals Grown for Cuttings; 2 days for all Other Commercial Ornamentals.

To control certain insects on ornamentals, such as Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Crab apple, Dogwood, Douglas fir, Elm, Euonymus, Gladioli, Hawthorn, Holly, Honey locust, 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.

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

RESTRICTION: Do not apply more than one foliar application per crop cycle. Application is permitted only on commercial ornamentals grown outdoors in nurseries. The maximum application rate on all ornamentals is 2 lbs. of this product (1 lb. ai) per acre.

Insects	Amount of This Product per 100 Gals. of Water
Aphids, Bagworms, Carnation bud mites, Carnation shoot mites, Clover mites, Cyclamen mites, Dipterous leafminers, European pine shoot moths, European red mites, Flea beetles, Holly bud moths, Juniper webworms, Leafhoppers, Obscure root weevils, Omnivorous leafhoppers, Privet mites, Scale crawlers (Cottony cushion, Lecanium, Pine needle, San Jose, Soft), Thrips, Twospotted spider mites, Whiteflies	1 lb.
Apple-and-thorn skeletonizers, Cotoneaster webworms, European pine sawflies, Fall webworms, Hemlock chermes, Oak loopers, Obliquebanded leafrollers, Pear slugs, Tent caterpillars	2 lbs.

Mimosa webworms: Mix 1 pound in 100 gals. of water and apply as a thorough foliar spray when adults first appear.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a dry, cool ventilated space.

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 landfill, or by incineration, or, if allowed by State and Local authorities, by burning. Stay out of smoke from burning container.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire or other emergency, call 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. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

To the extent consistent with applicable law, 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. To the extent consistent with applicable law, Manufacturer 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.