

PM

13

769-954

Page 1 of 19

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
237107

Application for Pesticide - Section I

1. Company/Product Number XXXXXXXXXXXXXXXXXXXX 769-954	2. EPA Product Manager George LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Diazinon 50WP	PM# PM-13	
5. Name and Address of Applicant (Include ZIP Code) SureCo, Inc. 10012 N. Dale Mabry, Suite 221 Tampa, FL 33618 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 I certify that this notification is consistent with the provisions of PR Notice 94-8 and EPA regulations at 152.46 and that no other changes have been made to the labeling or the confidential statement of formula of this product. I further understand that if this notification is not consistent with the terms of PR Notice 94-8 and 152.46, then this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted	If "Yes" Unit Packaging wgt. 8 oz.	No. per container 10	If "Yes" Package wgt 8 oz.	No. per container 10	Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 5 lbs.	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Stacy A. Schmidt	Title Regulatory Affairs	Telephone No. (Include Area Code) 813-960-8333
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Affairs	
4. Typed Name Stacy A. Schmidt	5. Date 12/5/95	

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.



Diazinon 50 WP INSECTICIDE

This product must not be used on golf courses and sod farms. For control of certain insects and mites on fruits, nuts, vegetables, field crops, lawns and ornamentals. For specific pests, refer to use directions in booklet.

ACTIVE INGREDIENTS	
Diazinon 0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	50%
INERT INGREDIENTS	
	50%
TOTAL	100%

Diazinon 50 WP is a wettable powder E.P.A. Reg. No. 769-954 E.P.A. Est. No. 769-GA-1

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle (If you do not understand the label, find someone to explain it to you in detail.) See additional precautionary statements and directions for use on additional pages of this booklet

STATEMENT OF PRACTICAL TREATMENT
This is an Organophosphate Insecticide.
If swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.
If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.
If on skin: Remove contaminated clothing and wash affected areas thoroughly with soap and water. Get medical attention.
If in eyes: Flush with plenty of water. Call a physician if irritation develops or persists.
Note to Physician: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

DIAZINON 50 WP is registered for use in or on:

- | | | | |
|------------------------|---------------------------|-----------------------|---------------------|
| Almonds (CA only) | Chinese Broccoli | Loganberries | Radishes |
| Apples | Chinese Cabbage | (CA, OR, WA only) | Raspberries |
| Apricots | (Bok choy and Napa) | Melons | (CA, OR, WA only) |
| Beans | Chinese Mustard | Mushroom Houses | Seed Treatment, |
| (Lima, Pole, and Snap) | Collards | Mustard | Planter Box |
| (ruculent only) | Cranberries | Nectarines | (Corn and Succulent |
| Beets | Cucumbers | Non-crop Areas | Peas and Beans) |
| Blackberries | Dewberries | Onions | Sheep |
| (CA, OR, WA only) | (CA, OR, WA only) | Ornamentals | Spinach |
| Boysenberries | Endive (Escarole) | Parsley | Squash |
| (CA, OR, WA only) | Fly control in barns and | Parsnips | Strawberries |
| Broccoli | animal sleeping quarters* | Peaches | Sugar Beets |
| Brussels Sprouts | Grapes | Pears | Sweet Potatoes |
| Cabbage | Hops | Peas (succulent only) | Sweet Corn |
| Caneberries | Kale | Peppers | Swiss Chard |
| (CA, OR, WA only) | Lawns | Pineapple | Tomatoes |
| Carrots | (Excludes Golf Courses | Plums | Turnips |
| Cauliflower | and Sod Farms) | Potatoes** | Turnip Tops |
| Cherries | Lettuce | Prunes | Walnuts (CA only) |

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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

- Applicators and other handlers must wear:**
- Long-sleeved shirt and long pants
 - Waterproof gloves
 - Shoes plus socks
 - Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC 21C)

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.

User Safety Recommendations:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds and waterfowl.

6. Systems must use a metering pump, such as a positive pump) effectively designed and constructed of material of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond

Operating Instructions

1. Determine the acreage to be treated by the sprinkler
2. Measure the appropriate amount of this product near the specific directions for use for cranberries for the application
3. Add the pre-measured amount to the chemigation system. Constant agitation is required to keep the product in suspension. Do not mix with other pesticides registered for sprinkler application.
4. Start the irrigation system and bring the system up to normal operating pressure. Check that all sprinkler heads are functioning properly.
5. Engage the chemigation injection or venturi system.
6. Continue to run irrigation system for a few minutes after the application to reach the sprinkler heads furthest from the injection point.

Fruit and Nut Crops —

This product may be applied using ground or aerial application. This table also indicates the minimum amount of water required for application. The rate of Diazinon 50WP for aerial spray or ground application is based on a dilute full cover spray applied to fruit or nut crops at a rate of 300-400 gallons of water per acre. The specific directions for use for each crop. (Note: "lbs" refers to pounds of this product, not pounds of active ingredient). For 100 gallons of water, this amounts to 3-4 lbs. of product. Dilute ground spray volumes of 300-400 gallons of water per acre used per acre exceed the maximum amount per acre permitted for use for individual crops.

Crop	Aerial Application Minimum Gals./Acre
Almonds*	20
Apples	20
Apricots	20
Blackberries**	20
Boysenberries**	20
Cherries	20
Cranberries	20
Dewberries**	20
Grapes	20
Loganberries**	20
Nectarines	20
Peaches	20
Pears	20
Pineapple	20
Plums	20
Raspberries**	20
Strawberries	20
Walnuts*	20

*CA only
**CA, OR, or WA only
Observe stated time intervals between last application and total number of applications that can be made per season.

Crop	PHI
Almonds	
Apples	
Apricots	
Blackberries	
Boysenberries	
Cherries	
Cranberries	
Dewberries	
Grapes	
Loganberries	
Nectarines	
Peaches	
Pears	
Pineapple	
Plums, Prunes	
Raspberries	
Strawberries	
Walnuts	

*PHI = Pre-Harvest interval or the number of days before harvest
** = Dormant spray only

Note: To protect bees, do not apply this product to fruit trees if bees are in bloom.

... highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. On lawns, if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop irrigation before puddling occurs. 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 wash waters.

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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame.

DIRECTIONS FOR USE

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

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI). Exception: If the product is soil-injected or soil-incorporated the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves.
- Shoes plus socks

Note: The California Department of Agriculture has set a 5-day reentry period for diazinon on grapes, peaches, and nectarines. Five days should elapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with treated foliage. When a mixture of two or more organophosphate pesticides are applied in combination, the interval should be prolonged by adding to the largest applicable interval an additional 50% of that interval.

Additional Information

... mixed with sufficient water to assure thorough coverage

... at first sign of pests. Application should be repeated only if it is a wettable powder formulation, constant agitation is

... if unopened, water soluble packets of All Pro Diazinon 50WP ... the desired level. Be certain packet and its contents have ... spray. Operate agitator while mixing and applying.

... or to adding to the spray tank. Wear gloves when handling ... mixing packets in resealed, outer package.

... tions. Avoid spray overlap, since crop or plant injury may

BEST AVAILABLE COPY

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 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.

= Dormant spray only.

Note: To protect bees, do not apply this product to crops of weeds in the orchard are in bloom.

Crop	Pest	Rate
Almonds (CA only)	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1-1 1/2 qt. gals. or 1-1 1/2 superior in 100 gal. water
Apples	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1 lb. + 2 dormant or 1-1 1/2 gal. superior in 100 gal. water
	Leafhoppers	1 lb. in 100 gal. of water
	Eyespotted Bud Moths, Fruit Tree Leafrollers, Mealybugs	1 lb. in 100 gal. of water
	Codling Moths, Rosy Apple Aphids, Green Apple Aphids, Woolly Apple Aphids, Spider Mites	1 lb. in 100 gal. of water
	Apple Maggots	1 lb. in 100 gal. of water
	San Jose Scale Crawlers, Forbes Scale Crawlers	1 lb. in 100 gal. of water

Notes: (1) Do not apply more than 4 lbs. of product per acre per season. (2) To avoid illegal residues, allow a minimum

Apricots	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1 lb. + 2 dormant or 1-1 1/2 gals. superior in 100 gal. water
	Aphids, Brown Mites (Clover Mites), Two-Spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers	1 lb. in 100 gal. of water
	Olive Scale Crawlers	1/2 lb. + 1% of light horticultural in 100 gals. water.
	Apricot Mealybugs	1 lb. in 100 gal. of water

Notes: (1) Do not apply more than 4 lbs. of product per acre per season. (2) To avoid illegal residues, allow a minimum

Crop	Pest	Rate
Caneberries (CA, OR and WA only) (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries)	Leafhoppers, Thrips, Aphids, Two-Spotted Spider Mites, Raspberry, Fruitworms	2 lbs. per acre in a minimum 100 gals. of (200 gals. of water maximum)
	Dryberry Mites	2-4 lbs. per acre in a minimum 100 gals. of water
	Raspberry Crown Borers (Raspberry) Root Borers	4 lbs. per acre in a minimum 100 gals. of water
Cherries	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1-1 1/2 qt. gals. superior in 100 gal. water
	Eyespotted Bud Moths, Fruit Tree Leafrollers	1 lb. in 100 gal. of water
	Leafhoppers	1 lb. in 100 gal. of water

General Information

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

Best control is obtained when application is made at first sign of pests. Application should be repeated only as directed to maintain control. Since this product is a wettable powder formulation, constant agitation is necessary during application.

To prepare spray mixture, drop the required number of unopened, water soluble packets of All Pro Diazinon 50WP into the spray tank, while filling with water to the desired level. Be certain packet and its contents have completely dissolved and dispersed before applying spray. Operate agitator while mixing and applying.

Do not open packets or allow them to become wet prior to adding to the spray tank. Wear gloves when handling. If all water soluble packets are not used, store remaining packets in resealed, outer package.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, since crop or plant injury may result. Do not use on food crops grown in greenhouses.

BEST AVAILABLE COPY

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 INHIBITOR.

When handling this product do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See Practical Treatment section of this label. When handling this product, wear the personal protective equipment listed on label.

CHEMIGATION

APPLICATION THROUGH AN IRRIGATION SYSTEM (CHEMIGATION) — CRANBERRIES ONLY

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

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

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

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

Chemigation System Connected to Public Water Systems

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 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.

4 7 19

Aphid Eg
Eggs, Me
Aphids, E
(Clover M
Mites, Olf
San Jose
Olive Sca
Apricot M

Notes: (1) Do not apply m
acre per season. (2) To av

Crop	Pest
Caneberries (CA, OR and WA only) (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries)	Leafhopp Two-Spot Raspber
	Dryberry
	Raspber (Raspber

Cherries	San Jose Black Sca Scale, Eu Brown M Apple Ap Aphid Eg Eggs, Me
	Eyespott Fruit Tre
	Leafhop
	Cherry
	Black C
	San Jos
	Cherry

Notes: (1) Do not apply
acre per year (2) To av

...p, such as a positive displacement injection pump (e.g., diaphragm
 ...structed of materials that are compatible with pesticides and capable
 ...lock.
 ...avors drift beyond the area intended for treatment.

...ted by the sprinkler system.
 ...of this product needed to treat the acreage to be treated. Refer to
 ...ranberries for the application rate and the amount of water per acre.
 ...the chemigation system supply tank and dilute with water if needed.
 ...keep the product in solution when this product is used alone or tank
 ...tered for sprinkler chemigation application to cranberries.
 ...ng the system up to full pressure, making certain that all sprinkler

...n or venturi system to add the diazinon to the irrigation lines.
 ...for a few minutes after supply tank is empty to allow material in the
 ...kler heads furthest from the chemigation injection point.

Ground Nut Crops — REI 24 HOURS

...ground or aerial application equipment as specified in the table below.
 ...um amount of water that can be used for the various methods of
 ...P for aerial spray or concentrated spray applied by ground equipment
 ...y applied to fruit or nut trees with conventional ground equipment
 ...per acre. The specific amount of product to be used appears under
 ...each crop. (Note: "lbs." or "lbs. of product" in the directions means
 ...of active ingredient). If the "Rate" calls for 1 lb. of this product per
 ...to 3-4 lbs. of product per acre when applied to fruit trees at usual
 ...100 gallons of water per acre. In no case should the amount of product
 ...n amount per acre per application that is specified in the directions

Aerial Application Minimum Gals./Acre	Ground Application Minimum Gals./Acre	
	Dilute	Concentrate
20	100	20
20	100	20
20	100	20
20	100	20
20	100	20
20	15	—
20	100	20
20	100	20
20	100	20
20	100	20
20	100	20
20	100	20
20	200	—
20	100	20
20	100	20
20	100	20
20	100	20
20	100	20

...en last application and harvest, as well as intervals between application
 ...hat can be made per season.

	PHI*
	21
	21
	7
	7
	21
	7
	7
	28
	7
	21
	21
	7
	21
	7
	5
	45

...the number of days between the last application and harvest

...ply this product to fruit trees when the trees or substantial numbers
 ...loom.

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

Notes: (1) This product may be applied to cranberries through sprinkler irrigation. Refer to the section Chemigation for chemigation directions for use. (2) To avoid illegal residues, allow a minimum of 7 days between the last application and harvest.

Crop	Pest	Rate	Timing/Special Directions
Grapes	Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leafrollers, Omnivorous Leafrollers, Aphids, Spider Mites	1-2 lbs. per acre in a minimum of 100 gals. of water (200 gals. of water maximum)	Apply as a thorough cover spray when appears. Repeat application after 7 if necessary.
	Drosophila spp.	6 oz. per acre in a minimum of 100 gals. of water (300 gals. of water maximum)	Apply as a thorough cover spray at intervals.

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

Crop	Pest	Rate	Timing/Special Directions	
Nectarines	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1 lb. + 2-3 gals. of dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre.	
	Aphids, Brown Mites (Clover Mites), Two-Spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers	1 lb. in 100 gals. of water	Apply as infestations occur. Repeat application after 7 days if necessary.	
	Peach Twig Borers, Parlatoria Scale	1 lb. + 1 gal. light medium summer horticultural oil in 100 gals. of water	Apply at petal fall. Do not apply more than 4 lbs. of product or 4 gals. of summer horticultural oil per acre.	
	Olive Scale Crawlers	½ lb. + 1½ gals. light medium horticultural oil in 100 gals. of water	Apply as insects occur. Do not apply more than 4 lbs. of product or 4 gals. of horticultural oil per acre per application. Allow 7 days between applications.	
	Oriental Fruitmoths	1 lb. in 100 gals. of water	Apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Tin last application to peak adult flight.	

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

Crop	Pest	Rate	Timing/Special Directions	
Peaches	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre.	
	Aphids, Brown Mites (Clover Mites), Two-Spotted spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers	1 lb. in 100 gals. of water	Apply as infestations occur. Repeat application after 14 days if necessary.	
	Peach Twig Borers, Parlatoria Scale	1 lb. + 1 gal. light medium summer horticultural oil in 100 gals. of water	Apply at petal fall. Do not apply more than 4 lbs. of product or 4 gals. of oil per acre.	
	Olive Scale Crawlers	½ lb. + 1½ gals. light medium horticultural oil in 100 gals. of water	Apply as insects occur. Do not apply more than 4 lbs. of product or 4 gals. of oil per acre per application. Allow 7 days between applications.	
	Oriental Fruit Moths	1 lb. in 100 gals. of water	Apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Tin last application to peak adult flight.	
	Peach Twig Borers	1 lb. in 100 gals. of water	Apply as insects occur in May and June. 7 days between applications.	
	Leafhoppers	1 lb. in 100 gals. of water	Make 3-4 applications beginning at petal fall and continuing through the growing season. Allow at least 7 days between applications.	
	White Peach Scale	1½-2 lbs. in 100 gals. of water	Apply post harvest timed to coincide with crawler and immature scale activity. Conditions of heavy infestation (2 applications 7 days apart) may be needed.	

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

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Do not apply this product to trees in bloom.

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

	Rate	Timing/Special Directions
Parlatoria Scale, Brown Scale, Apricot Red Mite Eggs, Twig Borers, Black Cherry Mealy Plum Aphid	1-1½ lbs. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	Apply as a single dormant spray. Do not apply more than 6 lbs. of product or 9 gals. of oil per acre.
Parlatoria Scale, Brown Scale, Apricot Red Mite Eggs, Twig Borers, Black Cherry Mealy Plum Aphid	1 lb. + 2 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	Apply as a dormant or delayed dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre
	1 lb. in 100 gals. of water	Apply, beginning at petal fall, as infestations develop. Repeat application in 14 days if necessary.
Codling Moths, Fruit Tree Mealybugs	1 lb. in 100 gals. of water	Make 3 cover sprays, beginning at pink stage. Do not repeat application closer than 14 days.
Codling Moths, Rosy Apple Aphids, Spider	1 lb. in 100 gals. of water	Make 3 cover sprays beginning when infestations occur. Do not repeat applications closer than 14 days. Note: Mites will be suppressed if diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious.
	1 lb. in 100 gals. of water	Make 3 cover sprays when flies are active and laying eggs. Do not repeat applications closer than 14 days. Note: Diazinon may not control organophosphate-resistant apple maggots.
Scale Crawlers, Crawlers	1 lb. in 100 gals. of water	Apply early in the season when crawlers first appear. If infestation warrants, make a second application 14 days later.

Crop	Pest	Rate	Timing/Special Directions
Pears	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Pear Leaf Blister Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre.
	Pear Psylla	½-1 lb. in 100 gals. of water	Apply as a cover spray at pre-bloom. 1-2 additional applications during second cover sprays, if needed. Allow at least 14 days between applications.
	Tentiform Leafminers	1 lb. in 100 gals. of water	Make 3 cover sprays, beginning at petal fall. Allow at least 14 days between applications.
	Codling Moths, Rosy Apple Aphids, Green Apple Aphids, Woolly Apple Aphids, Spider Mites	1 lb. in 100 gals. of water	Make 3 cover sprays, beginning at petal fall. Allow at least 14 days between applications. Note: Mites will be suppressed if diazinon is used in this regular cover spray program.
	Apple Maggots	1 lb. in 100 gals. of water	Make 3 cover sprays when flies are laying eggs. Allow at least 14 days between applications. Note: Diazinon may not control phosphate-resistant apple maggot.
	San Jose Scale Crawlers, Forbes Scale Crawlers	1 lb. in 100 gals. of water	Apply early in the season when crawlers first appear. If infestation warrants, application 14 days later.

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

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

Crop	Pest	Rate	Timing/Special Directions
Pineapple	Pineapple Mealybugs	2 lbs. per acre in 200-500 gals. of water.	Repeat application as needed. Do not apply within 7 days of harvest. Pineapple forage and refuse to livestock.

Parlatoria Scale, Brown Scale, Apricot Red Mite Eggs, Twig Borers, Black Cherry Mealy Plum Aphid	1 lb. + 2 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water.	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre.
Brown Mites, Two Spotted Spider Scale Crawlers, Scale Crawlers	1 lb. in 100 gals. of water	Apply as infestations occur. Repeat application after 14 days if necessary.
Scale Crawlers	½ lb. + 1½ gals. of light medium horticultural oil in 100 gals. of water.	Apply when scale crawlers are present. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre per application.
Mealybugs	1 lb. in 100 gals. of water	Apply as a cover spray from petal fall to June. Allow 14 days between applications.

Plums	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs.	1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	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, use 1 gal. of light medium horticultural oil per 100 gals. of water.
	Brown Mites, Clover Mites, European Red Mites	1 lb. in 100 gals. of water	Apply as needed every 7 days.
	Leafcurl Plum Aphids, Mealy Plum Aphids, Thistle Aphids	1 lb. in 100 gals. of water	

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

	Rate	Timing/Special Directions
Thrips, Aphids, Spider Mites, Cutworms	2 lbs. per acre in a minimum of 100 gals. of water (200 gals. of water maximum)	Apply as insects occur. Repeat application after 14 days if necessary. Do not make more than 5 applications per season. Do not apply within 7 days of harvest or illegal residues may occur. For raspberry fruitworm make one application when blossom buds separate. Make a second application immediately before blossoms open.
Scale	2-4 lbs. per acre in a minimum of 100 gals. of water	Apply as a dormant spray in the early Spring, when canes are still on the ground and buds are closed. Make a second application when buds are well developed but still closed.
Brown Borers, Root Borers	4 lbs. per acre in a minimum of 100 gals. of water	Apply as a drench to the crown and lower canes in the spring before buds break.
Parlatoria Scale, Brown Scale, Apricot Red Mite Eggs, Twig Borers, Black Cherry Mealy Plum Aphid	1½ lbs. + 3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre.
Bud Moths, Scale	1 lb. in 100 gals. of water	Apply as infestations occur beginning at petal fall. Repeat application after 7 days if necessary.
	1 lb. in 100 gals. of water	Make 3-4 applications beginning at petal fall and continuing through the growing season as

Crop	Pest	Rate	Timing/Special Directions
Prunes	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre. For late April or May application with 1 gal. of light medium horticultural oil per 100 gals.
	Brown Mites, Clover Mites, European Red Mites	1 lb. in 100 gals. of water	Apply as needed every 7 days.
	Leafcurl Plum Aphids, Mealy Plum Aphids, Thistle Aphids	½-1 lb. in 100 gals. of water	

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

Crop	Pest	Rate	Timing/Special Directions
Strawberries	Aphids, Two Spotted Spider Mites	1 lb. in 100 gals. of water	Apply as pests occur. Repeat application after 7 days.
	Cyclamen Mites	2 lbs. in 100 gals. of water per acre	Direct spray to the plant crown. Be sufficiently agitated to a coverage of the foliage. Repeat after 7 days if necessary.
	Mole Crickets	2 lbs. per acre	Apply 12 days before fruiting. Immediately incorporate into top of soil.
	Strawberry Leafrollers	¼-1 lb. in 100 gals. of water	Apply 200 gals. of spray per acre. Show color.

Notes: (1) Do not apply more than 3 foliar applications per season. (2) Do not apply more than 2 lb acre per application and no more than 8 lbs. of product per acre per season. (Allow a minimum of 5 days between last application and harvest)

Crop	Pest	Rate	Timing/Special Directions
Walnuts (CA only)	Aphids, Spider Mites	2 lbs. in 100 gals. of water per acre	Apply as a foliar spray as needed. Repeat application in 14 days if necessary. Do not apply more than 3 applications per season. Do not apply within 45 days of harvest or illegal residues.
	Codling Moths, Scale Crawlers, Walnut Caterpillars	6 lbs. in 100 gals. of water per acre	

Eyespotted Bud Moths, Fruit Tree Leafrollers, Mealybugs	1 lb. in 100 gals. of water	Make 3 cover sprays, beginning at pink stage. Do not repeat application closer than 14 days.
Codling Moths, Rosy Apple Aphids, Green Apple Aphids, Woolly Apple Aphids, Spider Mites	1 lb. in 100 gals. of water	Make 3 cover sprays beginning when infestations occur. Do not repeat applications closer than 14 days. Note: Mites will be suppressed if diazinon is used in the regular cover spray program. Slight russeting may occur on some varieties of apples such as Golden Delicious.
Apple Maggots	1 lb. in 100 gals. of water	Make 3 cover sprays when flies are active and laying eggs. Do not repeat applications closer than 14 days. Note: Diazinon may not control organophosphate-resistant apple maggots.
San Jose Scale Crawlers, Forbes Scale Crawlers	1 lb. in 100 gals. of water	Apply early in the season when crawlers first appear. If infestation warrants, make a second application 14 days later.

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

Apricots	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1 lb. + 2 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre.
	Aphids, Brown Mites (Clover Mites), Two-Spotted Spider Mites, Olive Scale Crawlers, San Jose Scale Crawlers	1 lb. in 100 gals. of water	Apply as infestations occur. Repeat application after 14 days if necessary.
	Olive Scale Crawlers	½ lb. + 1½ gals. of light medium horticultural oil in 100 gals. of water.	Apply when scale crawlers are present. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre per application.
	Apricot Mealybugs	1 lb. in 100 gals. of water	Apply as a cover spray from petal fall to June. Allow 14 days between applications.

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

Crop	Pest	Rate	Timing/Special Directions
Caneberries (CA, OR and WA only) (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries)	Leafhoppers, Thrips, Aphids, Two-Spotted Spider Mites, Raspberry Fruitworms	2 lbs. per acre in a minimum of 100 gals. of water (200 gals. of water maximum)	Apply as insects occur. Repeat application after 14 days if necessary. Do not make more than 5 applications per season. Do not apply within 7 days of harvest or illegal residues may occur. For raspberry fruitworm make one application when blossom buds separate. Make a second application immediately before blossoms open.
	Dryberry Mites	2-4 lbs. per acre in a minimum of 100 gals. of water	Apply as a dormant spray in the early Spring, when canes are still on the ground and buds are closed. Make a second application when buds are well developed but still closed.
	Raspberry Crown Borers (Raspberry) Root Borers)	4 lbs. per acre in a minimum of 100 gals. of water	Apply as a drench to the crown and lower canes in the spring before buds break.
Cherries	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1¼ lbs. + 3 gals. dormant oil or 1 1½ gals. superior type oil in 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre.
	Eyespotted Bud Moths, Fruit Tree Leafrollers	1 lb. in 100 gals. of water	Apply as infestations occur beginning at petal fall. Repeat application after 7 days if necessary.
	Leafhoppers	1 lb. in 100 gals. of water	Make 3-4 applications beginning at petal fall and continuing through the growing season as infestations occur. Allow 7 days between applications.
	Cherry Fruitflies	1-1½ lb. in 100 gals. of water	Make 3-4 applications beginning when adult flies begin to emerge and repeating at 10 day intervals.
	Black Cherry Aphids	1 lb. in 100 gals. of water	Apply as a cover spray when aphids appear. Repeat application after 10 days if necessary.
	San Jose Scale Crawlers	1 lb. in 100 gals. of water	Apply during the prepink stage or when crawlers first appear.
	Cherry Rust Mites	½-1 lb. in 100 gals. of water	Apply as a single preventative spray to trees after harvest.

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

Mites	7 9 19
Apple Maggots	1 lb. in 100 gals. of water
San Jose Scale Crawlers, Forbes Scale Crawlers	1 lb. in 100 gals. of water

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

Crop	Pest	Rate
Pineapple	Pineapple Mealybugs	2 lbs. per acre in 200-500 gals. of water.
Plums	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs.	1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water
	Brown Mites, Clover Mites, European Red Mites	1 lb. in 100 gals. of water
	Leafcurl Plum Aphids, Mealy Plum Aphids, Thistle Aphids	1 lb. in 100 gals. of water

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

Crop	Pest	Rate
Prunes	San Jose Scale, Parlatoria Scale, Black Scale, Brown Scale, Apricot Scale, European Red Mite Eggs, Brown Mite Eggs, Twig Borers, Apple Aphid Eggs, Black Cherry Aphid Eggs, Mealy Plum Aphid Eggs, Mealybugs	1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water
	Brown Mites, Clover Mites, European Red Mites	1 lb. in 100 gals. of water
	Leafcurl Plum Aphids, Mealy Plum Aphids, Thistle Aphids	½-1 lb. in 100 gals. of water

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

Crop	Pest	Rate
Strawberries	Aphids, Two-Spotted Spider Mites	1 lb. in 100 gals. of water
	Cyclamen Mites	2 lbs. in 100 gals. of water per acre
	Mole Crickets	2 lbs. per acre
	Strawberry Leafrollers	¾-1 lb. in 100 gals. of water

Notes: (1) Do not apply more than 3 foliar applications per season per application and no more than 8 lbs. of product per acre per last application and harvest.

Crop	Pest	Rate
Walnuts (CA only)	Aphids, Spider Mites	2 lbs. in 100 gals. of water per acre
	Codling Moths, Scale Crawlers, Walnut Caterpillars	6 lbs. in 100 gals. of water per acre

Vegetable Crops — REI

For foliar or soil applications, Diazinon 50WP should always be applied to assure thorough coverage of the foliage or soil. Diazinon application as specified in the following table. The specific application directions for use for each crop are given in the separate directions for use for each crop.

Crop	Ground Application	
	Minimum Gals./Acre	OR Maximum Gals./Acre
Beans (lima, Pole and Snap) (succulent only)	10	
Beets, Red (Table)	10	
Broccoli	10	
Brussels Sprouts	10	
Cabbage	10	

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Timing/Special Directions
 Apply when pest appears. Repeat application after 14 days if necessary. A maximum of 6 applications per season is permitted.

Apply when pest appears. Repeat application after 14 days if necessary. A maximum of 4 applications per season is permitted.

igation. Refer to the section Chemigation for specific n of 7 days between the last application and harvest

Timing/Special Directions
 Apply as a thorough cover spray when pest appears. Repeat application after 7 days if necessary.

Apply as a thorough cover spray at 7-day intervals.

ation and no more than 10 lbs. product per acre ys between the last application and harvest

Timing/Special Directions
 Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre.

Apply as infestations occur. Repeat application after 7 days if necessary.

Apply at petal fall. Do not apply more than 4 lbs. of product or 4 gals. of summer oil per acre.

Apply as insects occur. Do not apply more than 4 lbs. of product or 4 gals. of summer oil per acre per application. Allow 7 days between applications.

Apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult flight.

Apply as infestations occur. Repeat application after 7 days if necessary.

Timing/Special Directions
 Apply as a dormant spray. Do not apply more than 4 lbs. of product or 5 gals. of oil per acre.

Apply as infestations occur. Repeat application after 14 days if necessary.

Apply at petal fall. Do not apply more than 4 lbs. of product or 4 gals. of oil per acre.

Apply as insects occur. Do not apply more than 4 lbs. of product or 4 gals. of oil per acre. per application. Allow 7 days between applications.

Apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult flight.

Apply as insects occur in May and June. Allow 7 days between applications.

Make 3-4 applications beginning at petal fall and continuing through the growing season. Allow at least 7 days between applications.

Apply post harvest timed to coincide with pear crawler and immature scale activity. Under conditions of heavy infestation, 2 applications (7 days apart) may be needed.

Apply as infestations occur. Repeat application after 7 days if necessary.

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Cantaloupes	5	1	5
Carrots	10	2	5
Casabas	5	1	5
Cauliflower	10	2	5
Chinese Broccoli	10	2	5
Chinese Cabbage	10	2	5
Chinese Mustard	10	2	5
Collards	10	2	5
Crenshaws	5	1	5
Cucumbers	5	1	5
Endive (Escarole)	10	2	5
Honeydew Melons	5	1	5
Kale	10	2	5
Lettuce (Head and Leaf)	10	2	5
Muskmelons	5	1	5
Mustard	10	2	5
Onions (Bulb and Green)	10	2	5
Parsley	10	2	5
Parsnips	10	2	5
Peas (succulent only)	10	2	5
Peppers	10	2	5
Persian Melons	5	1	5
Potatoes (Irish)*	10	2	5
Radishes	10	2	5
Spinach	10	2	5
Squash, Summer	5	1	5
Squash, Winter	5	1	5
Sweet Corn	20	4	5
Sweet Potatoes	10	2	5
Swiss Chard	10	2	5
Tomatoes	10	2	5
Turnips	10	2	5
Watermelons	5	1	5

*Do not use on commercially grown potatoes which will be hand-harvested. Observe stated time intervals between last application and harvest, as well as intervals between and maximum number of applications per season.

Pre-Harvest Intervals (PHI*) for Foliar Applications

Crop	PHI* (Days)
Beans (Lima, Pole, and Snap)	7
Beets, Red (Table)	14
Broccoli	7
Brussels sprouts	7
Cabbage	21
Cantaloupes	3
Carrots	14
Casabas	3
Cauliflower	7
Chinese Broccoli	10
Chinese Cabbage	10
Chinese Mustard	10
Collards	10
Crenshaws	3
Cucumbers	7
Endive (Escarole)	14
Honeydew Melon	3
Kale	10
Lettuce (Head and Leaf)	14
Muskmelons	3
Mustard	10
Onions (Bulb and Green)	14
Parsnips	14
Peas	7
Peppers	5
Persian melons	3
Potato (Irish)	35
Radishes	14
Spinach	14
Squash, Summer	7
Squash, Winter	3
Sweet Corn	7
Swiss Chard	14
Turnips	1
Turnips (Roots and Tops)	14
Watermelons	3

*PHI = Pre Harvest interval or the number of days between the last application and harvest

Note: (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 insects, incorporate 2-3 inches.

acre per application and no more than 12 lbs. of product per minimum of 21 days between the last application and harvest

	Timing/Special Directions
+ 2-3 gals. of dormant oil or 6 gals. of horticultural oil per 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre
1 lb. in 100 gals. of water	Apply as a cover spray at pre-pink stage. Make 1-2 additional applications during the first and second cover sprays, if necessary. Allow at least 14 days between applications.
1 in 100 gals. of water	Make 3 cover sprays, beginning in April. Allow at least 14 days between applications.
1 in 100 gals. of water	Make 3 cover sprays, beginning as infestations occur. Allow at least 14 days between applications. Note: Mites will be suppressed if diazinon is used in this regular cover spray program.
1 in 100 gals. of water	Make 3 cover sprays when flies are active and laying eggs. Allow at least 14 days between applications. Note: Diazinon may not control organophosphate-resistant apple maggot's.
1 in 100 gals. of water	Apply early in the season when crawlers first appear. If infestation warrants, make a second application 14 days later.

acre per application and no more than 12 lbs. of product per minimum of 21 days between the last application and harvest

	Timing/Special Directions
10-500 gals. per acre	Repeat application as necessary every 28 days up to a maximum of 8 applications. Do not apply within 7 days of harvest or illegal residues may occur. Pineapple forage and refuse may not be fed to livestock.
+ 2-3 gals. of dormant oil or 6 gals. of horticultural oil per 100 gals. of water	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 diazinon with 1 gal. of light medium summer horticultural oil per 100 gals. of water.
1 in 100 gals. of water	Apply as needed every 7 days.
1 in 100 gals. of water	

acre per application and no more than 12 lbs. of product per minimum of 21 days between the last application and harvest

	Timing/Special Directions
+ 2-3 gals. of dormant oil or 6 gals. of horticultural oil per 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre. For late April or May applications, mix diazinon with 1 gal. of light medium summer horticultural oil per 100 gals. of water.
1 in 100 gals. of water	Apply as needed every 7 days.
1 lb. in 100 gals. of water	

acre per application and no more than 12 lbs. of product per minimum of 21 days between the last application and harvest

	Timing/Special Directions
1 in 100 gals. of water	Apply as pests occur. Repeat application if necessary after 7 days.
1 in 100 gals. per acre	Direct spray to the plant crowns. Plants should be sufficiently agitated to assure thorough coverage of the foliage. Repeat application after 7 days if necessary.
per acre	Apply 1-2 days before transplanting and immediately incorporate into the top 12 inches of soil.
1 lb. in 100 gals. of water	Apply 200 gals. of spray per acre when blossoms show color.

per season (2) Do not apply more than 2 lbs. of product per acre per season. (Allow a minimum of 5 days between the

	Timing/Special Directions
1 in 100 gals. per acre	Apply as a foliar spray as needed. Repeat application in 14 days if necessary. Do not make more than 3 applications per season. Do not apply within 45 days of harvest or after husks open or illegal residues may occur.
1 in 100 gals. per acre	

Note. (1) Soil Incorporation: Following application of this product to control vegetable soil insects, immediately incorporate the product into the soil to the recommended depth (see **Timing/Special Directions**) using a rotary hoe, cultivator, disk, harrow, or other suitable means. For control of surface cutworms, incorporate 2-3 inches, for subterranean cutworms incorporate 3-6 inches.

(2) To Protect Bees: Foliar applications of this product should not be made to peas or beans if these crops or weeds in the treatment area are in bloom, or to corn during the pollen shed period.

Crop	Pest	Rate	Timing/Special Directions
Beans (Lima, Pole, and Snap) (succulent only)	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Black Bean Aphids, Mexican Bean Beetles, Dipterous leafminers	1-1 1/2 lbs. per acre or 2 1/5-3 1/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, every 5 days. Do not make more than 3 applications per season. Do not apply within 7 days of harvest or illegal residues may occur.
	Cucumber Beetles	1/2-3/4 lb. per acre or 1 1/5-3/10 oz. per 1,000 sq. ft.	Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay. Make cucumber beetle application in 100 gals. of water per acre. Note: Diazinon will not control organophosphate-resistant leafminers.
	Leafhoppers, Spider Mites	1 lb. per acre or 2 1/5 oz. per 1,000 sq. ft.	Apply as pests occur. Repeat application as necessary every 5 days. Do not make more than 3 applications per season. Do not apply within 7 days of harvest or illegal residues may occur. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.
Beets, Red (Table)	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds or fields 1-2 days before planting, and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Broccoli	Aphids, Dipterous leafminers	1/2-1 lb. per acre or 1 1/5-2 1/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application as necessary up to 5 times with a minimum of 7 days between applications. Do not apply within 14 days of harvest, or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
	Root Maggots	4-6 lbs. per acre or 1 1/2-2 1/4 oz. per 1,000 sq. ft.	Broadcast just before planting or transplanting and immediately incorporate into the top 3-4 inches of soil.
		4-8 oz. in 50 gals. of water	In transplant water as a drench application when 200-300 gals. of water are used per acre. Apply 1/2-1 cup (4 to 8 oz.) per plant by hand or by tractor mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Note: Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.
	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Brussels Sprouts	Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Diamondback Moths, Imported Cabbageworms, Dipterous Leafminers	1/2-1 lb. per acre or 1 1/5-2 1/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 7 days of harvest, or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
	Root Maggots	4-6 lbs. per acre or 1 1/2-2 1/4 oz. per 1,000 sq. ft.	Broadcast just before planting or transplanting and immediately incorporate into the top 3-4 inches of soil.
		4-8 oz. in 50 gals. of water	In transplant water as a drench application when 200-300 gals. of water are used per acre.

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applications.
 Note: Mites will be suppressed if diazinon is used in this regular cover spray program.
 Make 3 cover sprays when flies are active and laying eggs. Allow at least 14 days between applications.
 Note: Diazinon may not control organophosphate resistant apple maggots.
 Apply early in the season when crawlers first appear. If infestation warrants, make a second application 14 days later.

duct per acre per application and no more than 12 lbs. of product per allow a minimum of 21 days between the last application and harvest.

Rate	Timing/Special Directions
2 lbs. per acre in 200-500 gals. of water	Repeat application as necessary every 28 days up to a maximum of 8 applications. Do not apply within 7 days of harvest or illegal residues may occur. Pineapple forage and refuse may not be fed to livestock.
1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	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 diazinon with 1 gal. of light medium summer horticultural oil per 100 gals. of water.
1 lb. in 100 gals. of water	Apply as needed every 7 days.
1 lb. in 100 gals. of water	

uct per acre per application and no more than 12 lbs. of product per low a minimum of 21 days between the last application and harvest.

Rate	Timing/Special Directions
1 lb. + 2-3 gals. dormant oil or 1-1½ gals. superior type oil in 100 gals. of water	Apply as a dormant spray. Do not apply more than 4 lbs. of product or 6 gals. of oil per acre. For late April or May applications, mix diazinon with 1 gal. of light medium summer horticultural oil per 100 gals. of water.
1 lb. in 100 gals. of water	Apply as needed every 7 days.
½-1 lb. in 100 gals. of water	

uct per acre per application and no more than 12 lbs. of product per ow a minimum of 21 days between the last application and harvest.

Rate	Timing/Special Directions
1 lb. in 100 gals. of water	Apply as pests occur. Repeat application if necessary after 7 days.
2 lbs. in 100 gals. of water per acre	Direct spray to the plant crowns. Plants should be sufficiently agitated to assure thorough coverage of the foliage. Repeat application after 7 days if necessary.
2 lbs. per acre	Apply 1-2 days before transplanting and immediately incorporate into the top 1-2 inches of soil.
¼-1 lb. in 100 gals. of water	Apply 200 gals. of spray per acre when blossoms show color.

itions per season (2) Do not apply more than 2 lbs. of product per duct per acre per season. (Allow a minimum of 5 days between the

Rate	Timing/Special Directions
2 lbs. in 100 gals. of water per acre	Apply as a foliar spray as needed. Repeat application in 14 days if necessary. Do not make more than 3 applications per season. Do not apply within 45 days of harvest or after husks open or illegal residues may occur.
6 lbs. in 100 gals. of water per acre	

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P should always be applied as a spray in sufficient water soil. Diazinon 50WP may be applied aerially or by ground. The specific amount of product to be used appears under

ound Application

Minimum Gals./1,000 Sq. Ft.	Aerial Application Minimum Gals./Acre
2	5
2	5
2	5
2	5
2	5

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Cucumber Beetles	½-¾ lb. per acre or 1½-3/10 oz. per 1,000 sq. ft.	Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay. Make cucumber beetle application in 100 gals. of water per acre. Note: Diazinon will not control organophosphate-resistant leafminers.	
Leafhoppers, Spider Mites	1 lb. per acre or 2½ oz. per 1,000 sq. ft.	Apply as pests occur. Repeat application as necessary every 5 days. Do not make more than 3 applications per season. Do not apply within 7 days of harvest or illegal residues may occur. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.	
Beets, Red (Table)	Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Mole Crickets	2 lbs. per acre or ¼ oz. per 1,000 sq. ft.	Apply to plant beds or fields 1-2 days before planting, and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Dipterous leafminers	½-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application as necessary up to 5 times with a minimum of 7 days between applications. Do not apply within 14 days of harvest, or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Broccoli	Root Maggots	4-6 lbs. per acre or 1½-2¼ oz. per 1,000 sq. ft.	Broadcast just before planting or transplanting and immediately incorporate into the top 3-4 inches of soil.
		4-8 oz. in 50 gals. of water	In transplant water as a drench application when 200-300 gals. of water are used per acre. Apply ½-1 cup (4 to 8 oz.) per plant by hand or by tractor mounted sprayer equipped with drop 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	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Mole Crickets	2 lbs. per acre or ¼ oz. per 1,000 sq. ft.	Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Diamondback Moths, Imported Cabbageworms, Dipterous Leafminers	½-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 7 days of harvest, or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
	Root Maggots	4-6 lbs. per acre or 1½-2¼ oz. per 1,000 sq. ft.	Broadcast just before planting or transplanting and immediately incorporate into the top 3-4 inches of soil.
		4-8 oz. in 50 gals. of water	In transplant water as a drench application when 200-300 gals. of water are used per acre. Apply ½-1 cup (4 to 8 oz.) per plant by hand or by tractor mounted sprayer equipped with drop 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	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and incorporate into the soil. (See Soil Incorporation Notes.)
	Mole Crickets	2 lbs. per acre or ¼ oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.

(continued)

Crop	Pest	Rate	Timing/Special Directions
Brussels Sprouts continued	Aphids, Diamondback Moths, Imported Cabbageworms	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 7 days of harvest or illegal residues may occur.
Cabbage	Root Maggots	4-6 lbs. per acre or 1 1/2-2 1/4 oz. per 1,000 sq. ft.	Broadcast just before planting or transplanting and immediately incorporate into the top 3-4 inches of soil. In transplant water as a drench application when 200-300 gals. of water are used per acre. Apply 1/2-1 cup (4 to 8 oz.) per plant by hand or by tractor mounted sprayer equipped with crop 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	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Incorporation Note.)
	Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Diamondback Moths, Imported Cabbageworms, Dipterous leafminers	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 21 days of harvest, or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers
Carrots	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Carrot Rust Fly	4 lbs. per acre or 1 1/2 oz. per 1,000 sq. ft.	Apply as a drench to the seed furrow at planting.
	Aphids	1 lb. per acre or 2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times with a minimum of 7 days between applications. Do not apply within 14 days of harvest, or illegal residues may occur.
Cauliflower	Root Maggots	4-6 lbs. per acre or 1 1/2-2 1/4 oz. per 1,000 sq. ft.	Broadcast just before planting or transplanting and immediately incorporate into the top 3-4 inches of soil.

Crop	Pest	Rate
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians, and hybrids if these) and Watermelon.	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.
	Aphids, Dipterous Leafminers, Thrips, Striped Cucumber Beetles, Melonworms, Leafhoppers, Spider Mites	1/2-1 lb. per acre or 1/5-3/5 oz. per 1,000 sq. ft.
Mustard	Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.
	Aphids, Dipterous Leafminers, Diamondback Moths, Imported Cabbageworms	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.
Onions (Bulb and Green)	Onion maggots	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.
	Onion Thrips	1 lb. per acre or 2/5 oz. per 1,000 sq. ft.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.
Parsley	Cutworms	4-8 lbs. per acre or 2 1/2-3 oz. per 1,000 sq. ft.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.
Parsnips	Aphids, Flea Beetles, Dipterous Leafminers	1-1 1/2 lbs. per acre or 1/5-2/5 oz. per 1,000 sq. ft.
Peas (succulent)	Cutworms	4-8 lbs. per acre

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	Aphids	1 lb. per acre or 2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times with a minimum of 7 days between applications.
Cauliflower	Root Maggots	4-6 lbs. per acre or 1 1/2-2 1/4 oz. per 1,000 sq. ft.	Do not apply within 14 days of harvest, or illegal residues may occur. Broadcast just before planting or transplanting and immediately incorporate into the top 3-4 inches of soil.

Onions (Bulb and Green)	Onion maggots	
	Onion Thrips	
	Wireworms	
Parsley	Cutworms	
	Wireworms	
Parsnips	Aphids, Flea Beetles, Dipterous Leafminers	
Peas (succulent only)	Cutworms	
	Wireworms	
	Aphids, Dipterous Leafminers	
Peppers	Cutworms	
	Mole Crickets	
	Wireworms	
Potatoes	Aphids, Serpentine leafminers	
	Cutworms (Surface and Subterranean)	
	Southern Potato Wireworms (Southeastern U.S.)	
	Aphids, Flea Beetles, Colorado Potato Beetles, Dipterous Leafminers	
	Banded Cucumber Beetles, Leafhoppers,	

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		4-8 oz. in 50 gals. of water	In transplant water as a drench application when 200-300 gals. of water are used per acre. Apply 1/2-1 cup (4 to 8 oz.) per plant by hand or by tractor mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Note: Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.
	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Diamondback Moths, Imported Cabbageworms, Dipterous Leafminers	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application as necessary, up to 5 times, with minimum of 7 days between applications. Do not apply within 7 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Chinese Broccoli, Chinese Cabbage (Bok Choy and Napa), Chinese Mustard (Gai Choy)	Aphids, Diamondback Moths, Imported Cabbageworms, Dipterous Leafminers	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary up to 5 times, with a minimum of 7 days between applications. Do not apply within 10 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Collards	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Diamondback Moths, Imported Cabbageworms, Harlequin Cabbagebugs, Corn Earworms	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 10 days of harvest or illegal residues may occur.

		¼ oz. per 1,000 sq. ft.	inches of soil
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Diamondback Moths, Imported Cabbageworms, Harlequin Cabbagebugs, Corn Earworms	½-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 10 days of harvest or illegal residues may occur.
Cucumbers	Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Notes.)
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Serpentine Leafminers, Thrips, Striped Cucumber Beetles, Melonworms	1 lb. per acre or 1-2/5-3 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application as necessary, every 7 days. Do not make more than 5 applications per season. Do not apply within 7 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Endive (Escarole)	Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Mole Crickets	2 lbs. per acre or ¾ oz. per 1,000 sq. ft.	Apply to plant beds or fields 1-2 days before planting or transplanting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate 4-8 inches into soil.
	Aphids, Dipterous Leafminers	½-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times with a minimum of 7 days between applications. Do not apply within 14 days of harvest. Note: Diazinon will not control organophosphate-resistant leafminers.
Kale	Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Mole Crickets	2 lbs. per acre or ¾ oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Diamondback Moths, Imported Cabbageworms, Harlequin Cabbagebugs, Corn Earworms	½-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, a minimum of 7 days between applications. Do not apply within 10 days of harvest or illegal residues may occur.
Lettuce (Head and Leaf)	Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Notes.)
	Mole Crickets	2 lbs. per acre or ¾ oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
	Aphids, Dipterous Leafminers	½-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times with a minimum of 7 days between applications. Do not apply within 14 days of harvest. Note: Diazinon will not control organophosphate resistant leafminers.

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Aphids, Flea Beetles, Colorado Potato Beetles, Dipterous Leafminers	1½-3 oz. per 1,000 sq. ft. or ½-¾ lb. per 1/5-3/10 oz. p 1,000 sq. ft.
Banded Cucumber Beetles, Leafhoppers, Southern Armyworms	¾-1 lb. per a or 3/10-2/5 oz. p 1,000 sq. ft.

Note: Do not use on commercially grown potatoes which will be

Crop	Pest	Rate
Radishes	Cutworms	4-8 lbs. per a or 1½-3 oz. per 1,000 sq. ft.
	Mole Crickets	2 lbs. per ac or ¾ oz. per 1,000 sq. ft.
	Wireworms	6-8 lbs. per a or 2¼-3 oz. per 1,000 sq. ft.
	Aphids, Flea Beetles, Dipterous Leafminers	½-1 lb. per a or 1/5-2/5 oz. p 1,000 sq. ft.
Spinach	Aphids, Dipterous Leafminers	½-1 lb. per a or 1/5-2/5 oz. p 1,000 sq. ft.
Squash, Summer	Cutworms	4-8 lbs. per a or 1½-3 oz. per 1,000 sq. ft.
	Wireworms	6-8 lbs. per a or 2¼-3 oz. per 1,000 sq. ft.
	Aphids, Leafminers, Thrips, Striped Cucumber Beetles, Melonworms, Leafhoppers, Spider Mites	½-1½ lbs. per or 1/5-3/5 oz. p 1,000 sq. ft.
Squash, Winter	Cutworms	4-8 lbs. per or 1½-3 oz. per 1,000 sq. ft.
	Wireworms	6-8 lbs. per or 2¼-3 oz. per 1,000 sq. ft.
	Aphids, Leafminers, Thrips, Striped Cucumber Beetles, Melonworms, Leafhoppers, Spider Mites	½-1½ lbs. per or 1/5-3/5 oz. p 1,000 sq. ft.

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Pest	Rate	Timing/Special Directions
Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Aphids, Dipterous Leafminers, Thrips, Striped Cucumber Beetles, Melonworms, Leafhoppers, Spider Mites	½-1½ lbs. per acre or 1/5-3/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season. Do not apply within 3 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Mole Crickets	2 lbs. per acre or ¾ oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Aphids, Dipterous Leafminers, Diamondback Moths, Imported Cabbageworms	½-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 10 days of harvest. Note: Diazinon will not control organophosphate-resistant leafminers.
Onion maggots	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and mix into the top 3-4 inches of soil. (See Soil Incorporation Note.) Note: Diazinon will not control organophosphate-resistant onion maggots.
Onion Thrips	1 lb. per acre or 2/5 oz. per 1,000 sq. ft.	Apply as thrips appear. Repeat after 7 days, if necessary. Do not make more than 3 applications per season. Do not apply within 14 days of harvest or illegal residues may occur.
Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Cutworms	4-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Aphids, Flea Beetles, Dipterous Leafminers	½-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 14 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Wireworms	6-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Aphids, Dipterous Leafminers	¾-1 lb. per acre or 3/10-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, every 5 days. Do not make more than 3 applications per season. To avoid illegal residues, allow a minimum of 7 days between the last application and harvest. Vines and hay may be fed to dairy and beef cattle and sheep. To avoid illegal residues, wait 7 days following treatment if forage is to be cut for hay. Note: Diazinon will not control organophosphate-resistant leafminers.
Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Mole Crickets	2 lbs. per acre or ¾ oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
Wireworms	6-8 lbs. per acre or 2¼-3 oz. per	Broadcast just before planting and immediately incorporate into the top 4-8 inches soil.

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Pest	Rate	Timing
Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadc: incorpo Note.)
Seed Corn Maggots	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadc: incorpo
Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadc: incorpo
Corn Earworms	2-2½ lbs. per acre or ¾-1 oz. per 1,000 sq. ft.	Apply applicat 5 applic
Corn Leaf Aphids	1-2 lbs. per acre or 2/5-¾ oz. per 1,000 sq. ft.	Apply in coverag Repeat more th
Grasshoppers, Spider Mites, Fleabeetles	1 lb. per acre or 2/5 oz. per 1,000 sq. ft.	Apply a but do r season.
Sap Beetles	2-2½ lbs. per acre or ¾-1 oz. per 1,000 sq. ft.	Consult timing 7 days, 5 applic

Notes: (1) To protect bees, do not apply foliarly to corn during the pollen shed between the last application and grazing or cutting for forage. (3) Corn may be

Sweet Potatoes	Wireworms, Flea Beetles	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadc: incorpo
Swiss Chard	Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadc: incorpo Note.)
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadc: incorpo
Tomatoes	Aphids, Corn Earworms, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbagebugs	½-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply a necessa 7 days Do not residue
	Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadc: incorpo Note.)
	Mole Crickets	2 lbs. per acre or ¾ oz. per 1,000 sq. ft.	Apply to and imr inches
	Wireworms	6-8 lbs. per acre or 2¼-3 oz. per 1,000 sq. ft.	Broadc: incorpo
Tump Beans and Tapes	Aphids, Dipterous Leafminers	½ lb. per acre or 1/5 oz. per 1,000 sq. ft.	Apply a after 7 than 5 residues Note: D phate re
	Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms, Beet Armyworms	¾-1 lb. per acre or 3/10-2/5 oz. per 1,000 sq. ft.	
	Vinegar Flies (<i>Drosophila</i> spp.)	1½-2 lbs. per acre or 1/5-3/5 oz. per 1,000 sq. ft.	
	Cutworms	4-8 lbs. per acre or 1½-3 oz. per 1,000 sq. ft.	Broadc: incorpo Note.)
Mole Crickets	Mole Crickets	2 lbs. per acre or ¾ oz. per 1,000 sq. ft.	Apply to planting sq. ft.
	Wireworms	6-8 lbs. per acre or ¾-1 oz. per 1,000 sq. ft.	Broadc: incorpo
Aphids, Flea Beetles, Dipterous Leafminers	Aphids, Flea Beetles, Dipterous Leafminers	½-1 lb. per acre or 1/5-2/5 oz. per	Apply a necessa 7 days

Diamondback Moths, Imported Cabbageworms	1/5-2/5 oz. per 1,000 sq. ft.	Apply as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 10 days of harvest. Note: Diazinon will not control organophosphate-resistant leafminers.
Onion maggots	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and mix into the top 3-4 inches of soil. (See Soil Incorporation Note.) Note: Diazinon will not control organophosphate-resistant onion maggots.
Onion Thrips	1 lb. per acre or 2/5 oz. per 1,000 sq. ft.	Apply as thrips appear. Repeat after 7 days, if necessary. Do not make more than 3 applications per season. Do not apply within 14 days of harvest or illegal residues may occur.
Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Cutworms	4-8 lbs. per acre or 2 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Aphids, Flea Beetles, Dipterous Leafminers	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 14 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Wireworms	6-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Aphids, Dipterous Leafminers	3/4-1 lb. per acre or 3/10-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, every 5 days. Do not make more than 3 applications per season. To avoid illegal residues, allow a minimum of 7 days between the last application and harvest. Vines and hay may be fed to dairy and beef cattle and sheep. To avoid illegal residues, wait 7 days following treatment if forage is to be cut for hay. Note: Diazinon will not control organophosphate-resistant leafminers.
Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches soil.
Aphids, Serpentine leafminers	1/2 lb. per acre or 1/5 oz. per 1,000 sq. ft.	Apply as insects appear. Repeat application after 7 days if necessary. Do not make more than 5 applications per season. Do not apply within 5 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Cutworms (Surface and Subterranean)	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Southern Potato Wireworms (Geophrastus spp.)	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	For potatoes grown on mineral soils in the Southeast, apply prior to planting and immediately incorporate into the top 3-6 inches of soil depending on location of wireworms.
Aphids, Flea Beetles, Colorado Potato Beetles, Dipterous Leafminers	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times with a minimum of 7 days between applications. Do not apply within 35 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Banded Cucumber Beetles, Earhoppers, Southern Armyworms	3/4-1 lb. per acre or 3/10-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times with a minimum of 7 days between applications. Do not apply within 35 days of harvest or illegal residues may occur.

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Sap Beetles	2-2 1/2 lbs. per acre or 3/4-1 oz. per 1,000 sq. ft.	Consult local timing of application. Do not apply more than 5 applications per season.
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Notes: (1) To protect bees, do not apply foliarly to corn during the pollen shed period between the last application and grazing or cutting for forage. (3) Corn may be picked

Sweet Potatoes	Wireworms, Flea Beetles	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil.
Swiss Chard	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil.
	Aphids, Corn Earworms, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbagebugs	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times with a minimum of 7 days between applications. Do not apply within 14 days of harvest or illegal residues may occur.
Tomatoes	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
	Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil.
	Aphids, Dipterous Leafminers	1/2 lb. per acre or 1/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application after 7 days, if necessary. Do not make more than 5 applications per season. Do not apply within 5 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
	Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms, Beet Armyworms	3/4-1 lb. per acre or 3/10-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, every 5 days. Do not make more than 3 applications per season. To avoid illegal residues, allow a minimum of 7 days between the last application and harvest. Vines and hay may be fed to dairy and beef cattle and sheep. To avoid illegal residues, wait 7 days following treatment if forage is to be cut for hay. Note: Diazinon will not control organophosphate-resistant leafminers.
	Vinegar Flies (Drosophila spp.)	1/2-1 1/2 lbs. per acre or 1/5-3/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application after 7 days, if necessary. Do not make more than 5 applications per season. Do not apply within 5 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
	Turnips (Roots and Tops)	Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.
	Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
	Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil.
	Aphids, Flea Beetles, Dipterous Leafminers	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application after 7 days, if necessary. Do not make more than 5 applications per season. Do not apply within 5 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.

Mushroom Houses — REI 12 Hours

Mushroom flies (Florida and Sciardids)
 Mix 4-5 lbs. of this product in 50 gallons of water and spray on outside of sideboards of mushroom houses after compost has been pasteurized by plastic covering the beds and trays after spawning. Note: Do not spray the compost. 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 mixture of BARE HANDS. Treat only those seeds needed for immediate use, minimizing storage and planting. Do not store excess treated seed beyond planting time. Excess treated seed is hazardous to birds and other wildlife. Dispose of excess treated seed by burning.
Note: (1) If seed has not been treated with a fungicide, use an EPA registered fungicide with this product at rates indicated on the fungicide package. Failure to use a fungicide may injure the seed. (2) If the seed treatment increases the friction between the seed and the planter, 1/2 oz. of graphite per bushel seed may be used as a lubricant. Adjust the planter to give the required rate of seed delivery with seed must not be used for or mixed with food or animal feed or processed.

Aphids, Flea Beetles, Colorado Potato Beetles, Dipterous Leafminers	1,000 sq. ft. or 1/2-3/4 lb. per acre or 1/5-3/10 oz. per 1,000 sq. ft.	of soil depending on location of wireworms. Apply as insects occur. Repeat application, as necessary, up to 5 times with a minimum of 7 days between applications. Do not apply within 35 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Banded Cucumber Beetles, Leafhoppers, Southern Armyworms	3/4-1 lb. per acre or 3/10-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat Application, as necessary, up to 5 times with a minimum of 7 days between applications. Do not apply within 35 days of harvest or illegal residues may occur.

use on commercially grown potatoes which will be hand-harvested.

Pest	Rate	Timing/Special Directions
Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Mole Crickets	2 lbs. per acre or 3/4 oz. per 1,000 sq. ft.	Apply to plant beds or fields 1-2 days before planting and immediately incorporate in the top 1-2 inches of soil.
Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Aphids, Flea Beetles, Dipterous Leafminers	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application as necessary up to 3 times with a minimum of 7 days between applications. Do not apply within 14 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Aphids, Dipterous Leafminers	1/2-1 lb. per acre or 1/5-2/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 14 days of harvest. Note: Diazinon will not control organophosphate-resistant leafminers.
Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Aphids, Leafminers, Thrips, Striped Cucumber Beetles, Melonworms, Leafhoppers, Spider Mites	1/2-1 1/2 lbs. per acre or 1/5-3/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season. Do not apply within 7 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.
Cutworms	4-8 lbs. per acre or 1 1/2-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)
Wireworms	6-8 lbs. per acre or 2 1/4-3 oz. per 1,000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
Aphids, Leafminers, Thrips, Striped Cucumber Beetles, Melonworms, Leafhoppers, Spider Mites	1/2-1 1/2 lbs. per acre or 1/5-3/5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat application, as necessary, every 7 days. Do not make more than 5 applications per season. Do not apply within 7 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate resistant leafminers.

In the planter box, mix with seed as a dry mixture. Stir slightly using BARE HANDS. Treat only those seeds needed for immediate use, minimize planting. Do not store excess treated seed beyond planting time hazardous to birds and other wildlife. Dispose of excess treated seed.

Note: (1) If seed has not been treated with a fungicide, use an EF 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 by the rate of delivery through the planter, 1/2 oz. of graphite per bushel of seed must not be used for or mixed with food or animal feed or for

Corn

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

Corn, Succulent Peas and Succulent Beans

Seedcorn Maggot: Mix 1/2 oz. per bushel of seed.

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Field Crops — REI 12 Hours

Apply soil and foliar applications of this product in sufficient water to applications. Observe stated time intervals between last application and applications and total number of applications that can be made per

Pre-Harvest Intervals (PHI*) For Foliar Applications

Crop	
Hops	
Sugar Beets	

*PHI = Pre-Harvest interval or the number of days between the li

Crop	Pest	Rate	Timing
Hops	Aphids, Spider Mites	2 lbs. per acre	Apply nece 4 app days
Sugar Beets	Wireworms	6-8 lbs. per acre	Broad incorp Do not to the
	Beet Leafhoppers, Dipterous Leafminers, Aphids	3/4-1 lb. per acre	Apply nece minim Do not phate
	Grasshoppers	1 lb. per acre	Apply nece minim Do not

Note: Tops may be fed to beef and dairy animals.

Grassland insects — REI 12 Hours

Ditch Banks, Roadsides, Wasteland, Noncrop Areas, Barrier St
Grasshoppers: Apply 3/4-1 lb. per acre in sufficient water or oil to obtain first appear, preferably in the nymphal stage.

Do not graze or use treated grass for food or feed.

Livestock insects

Sheep "Ticks" (Keds), Lice

High gallonage, high pressure spray: Mix 1/2 lb. in 100 gals. of water per animal.

Low gallonage, low pressure spray: Mix 1 lb. in 100 gals. of water.

Sprinkler Can: Mix 1 oz. in 6 gals. of water. Crowd sheep into a small mixture over the head, neck, top, and side of each sheep. Stir or

Note: Do not slaughter sheep within 14 days after treatment. Rep

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Rate	Timing/Special Directions
8 lbs. per acre or 2-3 oz per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note)
8 lbs. per acre or 2-3 oz per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 2 inches of soil.
8 lbs. per acre or 4-3 oz per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
2 1/2 lbs per acre or 1 oz per 1000 sq. ft.	Apply when silks first appear. Repeat application every 7 days up to a maximum of 5 applications, if necessary.
2 lbs per acre or 5-3/4 oz. per 1000 sq. ft.	Apply in sufficient water to provide complete coverage to the upper portions of the plants. Repeat in 7 days if necessary. Do not make more than 5 applications per season.
1 lb. per acre or 5 oz. per 1,000 sq. ft.	Apply as insects occur. Repeat if necessary, but do not make more than 5 applications per season.
2 1/2 lbs. per acre or 1 oz. per 1000 sq. ft.	Consult local agricultural authorities for proper timing of application. Repeat application in 7 days, if necessary. Do not make more than 5 applications per season.
during the pollen shed period. (2) Allow a minimum of 7 days forage. (3) Corn may be picked 7 days after the last application.	
8 lbs. per acre or 1/4-3 oz. per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
8 lbs. per acre or 1/2-3 oz per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note)
8 lbs. per acre or 1/4-3 oz. per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
1 lb. per acre or 5-2/5 oz. per 1000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 14 days of harvest or illegal residues may occur.
8 lbs. per acre or 1/4-3 oz. per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note)
1 lb. per acre or 1/2 oz. per 1,000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
8 lbs. per acre or 1/4-3 oz. per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
1 lb. per acre or 5/5 oz per 1,000 sq. ft.	Apply as insects appear. Repeat application after 7 days, if necessary. Do not make more than 5 applications per season. Do not apply within one day of harvest or illegal residues may occur.
1-1 lb per acre or 10-2/5 oz per 1000 sq. ft.	Note: Diazinon will not control organophos plate resistant leafminers.
2-1 1/2 lbs per acre or 5-3/5 oz per 1000 sq. ft.	
8 lbs. per acre or 1/2-3 oz. per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note)
1 lb. per acre or 1/2 oz. per 1000 sq. ft.	Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.
8 lbs. per acre or 1/4-3 oz. per 1000 sq. ft.	Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.
1 lb. per acre or 5/5 oz. per 1000 sq. ft.	Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications.

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Fly Control in Livestock Structures

Fly control in barns and animal sleeping quarters (except dairy barns, milk rooms, and poultry houses). **Residual Sprays:** Remove animals from buildings or corrals prior to treatment and keep animals out for at least four hours. Mix 2 lbs. of this product in 25 gals. of water and apply as an overall spray to ceilings and walls of livestock sheds, calf barns, hog barns, loafing sheds, and other farm buildings except poultry houses, dairy barns, and milk rooms. Areas where flies congregate, such as garbage dumps and corrals, should be sprayed thoroughly. Longer residual control may be obtained by increasing the rate to 4 lbs. in 25 gals. of water. Applications should be made to point of runoff, one gal. of the above spray should cover from 350-750 sq. ft. of area, depending on the surface treated. Repeat applications as fly populations warrant. **Bait Sprays:** Mix the appropriate amount of this product with 1 lb. of sugar (or 2 cups of syrup or molasses) for the desired application. For knapsack or similar type sprayer, mix 1/2 lb. with the sugar in 2 1/2 gals. of water and spot treat areas frequented by flies including cracks, crevices, doorways, around windows, or other areas where flies congregate. Repeat applications as fly populations warrant. For sprinkling can application, mix 2 oz. with the sugar in 5 gals. of water and sprinkle lightly over the floor in areas frequented by flies. Applications every day or two will generally be required. Do not contaminate milk, feed, drinking water, or apply to animals or poultry. Do not use in edible product areas of food processing plants or other areas where food is commercially prepared or processed. Do not use in dwellings.

Insect Control on Ornamentals — REI 12 hours

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

Insects	Amount of this product to Use	
	Rate per 3 gals. water	Rate per 100 gals. water
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leafminers, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leafhoppers, Privet Mites, Scale Crawlers (Cottony cushion, Lecanium, Pine Needle, San Jose, Soft), Thrips, Two-Spotted Spider Mites, Juniper Webworms, Whiteflies	1/2 oz	1 lb
Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars	1 1/2 oz	3 lbs

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

Mimosa Webworms: Mix 1/2 oz. in 3 gals. of water (or 1 lb. in 100 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

Lawn Pest Control (Excluding Sod Farms and Golf Courses) — REI 12 Hours

Precautions: Birds, especially waterfowl feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl. Avoid overlapping sprays. If waterfowl, i.e., ducks or geese, can be expected to enter treated area after treatment (except spot treatments), water lawn with at least 1/4 inch of water immediately after application, however, stop irrigation before puddling occurs. To control pests listed below, apply recommended rates.

Pests	Rate/1000 sq. ft.		Remarks
	This product	Water	
Lawn Chinch Bugs	2-3 oz	3 gals	Use higher rate for longer residual control and in turfgrass of dense growth such as St. Augustine
Ants, Armyworms, Bermudagrass Mites, Clover Mites, Springtails (Collembola), Crickets, Cutworms, Digger Wasps, Earwigs, Fire Flies, Lawn Billbugs, Leafhoppers, Sod Webworms, (Lawn Moths), Sowbugs (Pillbugs), Brown Dog Ticks, Chiggers, Fleas	3 oz	3 gals	Spot spray ant hills and wasp ground nest openings. For digger wasps, apply product at dusk when wasps are not active. For fire flies, mow grass and water well before treatment, but delay application until grass is dry. Do not apply to animals. For brown dog ticks, spray grass and under shrubbery.
Hyperides, Weevils	3 oz	3 gals	Treat problem areas in mid-April and again in mid-May
Milipedes	3 oz	3 gals	
Rhodesgrass, Scales	3 oz	3 gals	Apply when crawlers first emerge
White Grubs (Japanese Beetle Larvae, Fire Beetles, Chafers, Southern Chafers)	3 oz	3 gals	Apply any time between late July and early October

Nuisance Pests in Outside Areas

Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Milipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola). Mix 3 oz. in 3 gals. of water and thoroughly spray window and door screens, sills, foundations, porch and patio walls, entrance ways, walkways, garbage cans, tree trunks, and into cracks and other places where insects can hide. To prevent entry into houses, spray a five foot band of soil around the house next to the foundation and spray the foundation of the house from a height of 2-3 feet. Repeat application as necessary. Do not apply to animals. Do not apply to plants (except tree trunks) at this nuisance pest rate.

2 1/2 lbs. per acre or 4-1 oz. per 1,000 sq. ft. Consult local agricultural authorities for proper timing of application. Repeat application in 7 days, if necessary. Do not make more than 5 applications per season.

in during the pollen shed period. (2) Allow a minimum of 7 days for storage. (3) Corn may be picked 7 days after the last application

8 lbs. per acre or 1/4-3 oz. per 1,000 sq. ft. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil

8 lbs. per acre or 1/2-3 oz. per 1,000 sq. ft. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)

8 lbs. per acre or 1/4-3 oz. per 1,000 sq. ft. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.

1-1 lb. per acre or 5-2 1/2 oz. per 1,000 sq. ft. Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 14 days of harvest or illegal residues may occur.

8 lbs. per acre or 1/2-3 oz. per 1,000 sq. ft. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)

lbs. per acre or oz. per 1,000 sq. ft. Apply to plant beds 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.

3 lbs. per acre or 1-3 oz. per 1,000 sq. ft. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.

lb. per acre or oz. per 1,000 sq. ft. Apply as insects appear. Repeat application after 7 days, if necessary. Do not make more than 5 applications per season. Do not apply within one day of harvest or illegal residues may occur.

1 lb. per acre or 1-2 1/2 oz. per 1,000 sq. ft. Note: Diazinon will not control organophosphate-resistant leafminers.

1/2 lbs. per acre or 3/5 oz. per 1,000 sq. ft.

lbs. per acre or 3 oz. per 1,000 sq. ft. Broadcast just before planting and immediately incorporate into the soil. (See Soil Incorporation Note.)

s. per acre or 1/2 per 1,000 sq. ft. Apply to plant beds or fields 1-2 days before planting and immediately incorporate into the top 1-2 inches of soil.

lbs. per acre or 3 oz. per 1,000 sq. ft. Broadcast just before planting and immediately incorporate into the top 4-8 inches of soil.

lb. per acre or 2/5 oz. per 1,000 sq. ft. Apply as insects occur. Repeat application, as necessary, up to 5 times, with a minimum of 7 days between applications. Do not apply within 14 days of harvest or illegal residues may occur. Note: Diazinon will not control organophosphate-resistant leafminers.

Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, maple, Oak Pine, Ornamental Plum, Poplar, Rhododendron, Rose, Spruce and Willow, apply the recommended rates indicated below. Try to spray underside of leaves and penetrate dense foliage.

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Insects	Amount of this product to Use	
	Rate per 3 gals. water	Rate per 100 gals. water
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leafminers, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leafiers, Privet Mites, Scale Crawlers (Cottony-cushion, Lecanium, Pine Needle, San Jose, Soft), Thrips, Two-Spotted Spider Mites, Juniper Webworms, Whiteflies	1/2 oz.	1 lb.
Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars	1 1/2 oz.	3 lbs.

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

Mimosa Webworms: Mix 1/2 oz. in 3 gals. of water (or 1 lb. in 100 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

Lawn Pest Control (Excluding Sod Farms and Golf Courses) — REI 12 Hours

Precautions: Birds, especially waterfowl feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl. Avoid overlapping sprays. If waterfowl, i.e., ducks or geese, can be expected to enter treated area after treatment (except spot treatments), water lawn with at least 1/4 inch of water immediately after application, however, stop irrigation before puddling occurs.

To control pests listed below, apply recommended rates.

Pests	Rate/1000 sq. ft.		Remarks
	This product	Water	
Lawn Chinch Bugs	2-3 oz.	3 gals.	Use higher rate for longer residual control and in turfgrass of dense growth such as St. Augustine.
Ants, Armyworms, Bermudagrass Mites, Clover Mites, Springtails (Collembola), Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Leafhoppers, Sod Webworms, (Lawn Moths), Sowbugs (Pillbugs), Brown Dog Ticks, Chiggers, Fleas	3 oz.	3 gals.	Spot spray ant hills and wasp ground nest openings. For digger wasps, apply product at dusk when wasps are not active. For frit flies, mow grass and water well before treatment, but delay application until grass is dry. Do not apply to animals. For brown dog ticks, spray grass and under shrubbery.
Hyperodes Weevils	3 oz.	3 gals.	Treat problem areas in mid-April and again in mid-May.
Millipedes	3 oz.	3 gals.	
Rhodesgrass Scales	3 oz.	3 gals.	Apply when crawlers first emerge.
White Grubs, (Japanese Beetle larvae, European Chafer, Southern Chafer)	3 oz.	3 gals.	Apply any time between late July and early October.

Nuisance Pests in Outside Areas

Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola)

Mix 3 oz. in 3 gals. of water and thoroughly spray window and door screens, sills, foundations, porch and patio walls, entranceways, walks, garbage cans, tree trunks, and into cracks and other places where insects can hide.

To prevent entry into houses, spray a five-foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. Repeat application as necessary. Do not apply to animals. Do not apply to plants (except tree trunks) at this nuisance pest rate.

Storage and Disposal

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

Pesticide: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If pesticide, spray mixture or rinsates cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. Stay out of smoke from burning container.

For minor spills, leaks, etc., follow all precautions indicated on the label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes.

IMPORTANT: Read these entire Directions and Conditions of Sale before using this product.
DISCLAIMER: SureCo warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions for Use, subject to the inherent risks referred to above. SureCo makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall SureCo be liable for consequential, special, or indirect damages resulting from the use or handling or application of this product.

er and spray on outside and inside walls, floors and has been pasteurized by heating. Also spray over the Note: Do not spray the compost. To avoid illegal residues, oem houses per crop.

Stir slightly using a mixing stick. DO NOT MIX WITH immediate use, minimizing the interval between treatment beyond planting time. Exposed treated seeds may be excess treated seed by burial away from bodies of water. pesticide, use an EPA registered fungicide combination de package. Failure to use a fungicide may result in uses the friction between seeds sufficiently to reduce graphite per bushel seed should be added as a drill ate of seed delivery with the treated seed. (3) treated animal feed or processed for oil.

is reasonably fit for the specific purposes referred to in the Directions for Use, subject to the inherent risks referred to above. SureCo makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall SureCo be liable for consequential, special, or indirect damages resulting from the use or handling or application of this product.

11 7 19

**NET WEIGHT
5 pounds**



Manufactured by:
SureCo, Inc.
Fort Valley, Georgia 31030

seed.
ans
of seed.

duct in sufficient water to ensure thorough coverage for foliar
tween last application and harvest, as well as intervals between
ns that can be made per season:

Applications

	PHI*
	14
	14

or of days between the last application and harvest.

Rate	Timing/Special Directions
2 lbs. per acre	Apply as pest occur. Repeat applications, if necessary in 14 days. Do not make more than 4 applications per season or apply within 14 days of harvest or illegal residues may occur.
6-8 lbs. per acre	Broadcast just before planting and immediately incorporate into the top 4-6 inches of soil. Do not apply more than 8 lbs. of this product to the soil, per season.
¾-1 lb. per acre	Apply as insects occur. Repeat application, as necessary, up to 5 times per season with a minimum of 7 days between applications. Do not apply within 14 days of harvest. Note: Diazinon will not control organophosphate-resistant leafminers.
1 lb. per acre	Apply as insects occur. Repeat application, as necessary, up to 5 times per season with a minimum of 7 days between applications. Do not apply within 14 days of harvest.

animals.

Micro Areas, Barrier Strips

icient water or oil to obtain thorough coverage when insects
je.
or feed.

½ lb. in 100 gals. of water, and apply at the rate of 1 gal.

lb. in 100 gals. of water. Apply at the rate of 1 qt. per animal.
r. Crowd sheep into a small pen and sprinkle 1 qt. of this
of each sheep. Stir or agitate mixture frequently.
ys after treatment. Repeat applications as necessary.

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