

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 1, 2010

Luz G Chan
Registration Manager
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

Subject: Drexel Malathion 5EC
EPA Reg. No. 19713-217
Notification Application Dated May 19, 2010

Dear Ms. Chan:

The Agency has received your Application for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4, dated May 19, 2010, for the product Drexel Malathion 5EC, EPA Reg. No. 19713-217. The Registration Division (RD) has reviewed this request and finds that the actions requested fall within the scopes of PR Notice 2007-4. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at (703) 308-8043.

Sincerely,

A handwritten signature in blue ink that reads "Marianne Lewis".

Marianne Lewis
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
 Washington DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1 Company/Product Number 19713-217	2 EPA Product Manager Venus Eagle	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) DREXEL MALATHION 5EC	PM# 1 / Insecticide-Rodenticide Branch	
5 Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company P O Box 13327 Memphis TN 38113 0327 <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 type="checkbox"/> Notification Explain below	<input checked="" type="checkbox"/> Other Explain below

Explanation Use additional page(s) if necessary (For section I and Section II)

Submission of revised label per PR Notice 2007 4

Thank you

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Metal <input checked="" type="checkbox"/> Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt	No per container	If Yes Package wgt	No per container
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4 Size(s) Retail Container 1 2 5 5 10 15 30 55 gal Bulk		5 Location of Label Directions <input type="checkbox"/> On the container	
6 Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued 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 his application)					
Name LUZ G CHAN		Title REGISTRATION MANAGER		Telephone No (Include Area Code) (901) 774 4370	
<p align="center">Certification</p> 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 REGISTRATION MANAGER		
4 Typed Name LUZ G CHAN			5 Date May 19 2010		



Drexel Chemical Company

May 19, 2010

Submission of Revised Label per PR Notice 2007-4
DREXEL MALATHION 5EC (EPA Reg No 19713-217)

This notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA Regulations at 40 CFR 156.10, 156.140, 156.144, 156.146 and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, and 156.146 and 156.156, 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.

FOR DREXEL CHEMICAL COMPANY

LUZ G CHAN

Registration Manager



Drexel Chemical Company

May 19 2010

Document Processing Desk (**NOTIF**)
Office of Pesticide Programs (7504P)
U S Environmental Protection Agency
Rm S-4900 One Potomac Yard
2777 S Crystal Drive
Arlington VA 22202

**Re Submission of Revised Label by Notification per PR Notice 2007-4
DREXEL MALATHION 5EC (EPA Reg No 19713-217)**

Herewith

- 1 Completed EPA Form 8570-1
- 2 Two copies of the label (marked and unmarked) (217SP-1209*) with malathion" revised to pesticide under Refillable Containers

The change was highlighted for easy reference

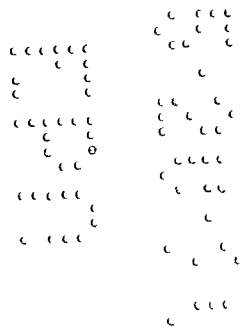
- 3 Certification Statement

If you have questions/clarification regarding this submission I can be reached at (901) 774-4370 or e-mail Lchan@drexchem.com

Thank you

Respectfully yours,
FOR DREXEL CHEMICAL COMPANY

Luz G Chan
Registration Manager



5/14

NOTIFICATION

JUN - 1 2010



Drexel

Malathion 5EC

Insecticide / Miticide

ACTIVE INGREDIENT:

Malathion 57.0%

OTHER INGREDIENTS: 43.0%

TOTAL: 100.0%

This product contains 5 pounds of Malathion per gallon.
Contains petroleum distillate.

KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

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 **FIRST AID** Below

EPA Reg. No. 19713-217

EPA Est. No. 19713-XX-XXX

Net Content: _____

FIRST AID

IF SWALLOWED:

- Immediately call a poison control center or doctor for treatment advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

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

NOTE TO PHYSICIAN: This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine. Malathion is an organophosphate insecticide/miticide. May pose an aspiration pneumonia hazard. Contains petroleum distillate.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Causes eye irritation. Do not get in eyes, on skin or on clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber or viton. If you want more options, follow the instructions for category F on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, flaggers and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves, and shoes plus socks.

For all Dip Applications – Mixers, loaders, and applicators must wear: Long-sleeved shirt, long pants, shoes and socks, chemical resistant gloves, and chemical resistant apron.

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

USER SAFETY RECOMMENDATIONS

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

ENGINEERING CONTROLS

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit in a manner that is consistent with the WPS for Agricultural Pesticides [40CFR170.240(d)(6)]. Pilots must wear the PPE required on this labeling for applicato, s.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. This product may contaminate water through drift of spray in wind. This product has a high potential for runoff after application. Use care when applying in or to an area which is adjacent to any body of water, and do not apply when weather conditions favor drift from target area. Poorly draining soils and soils with shallow water tables are more prone to product runoff that contains this product.

Manufactured By:

Drexel Chemical Company

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972



A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the REI. PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, chemical-resistant gloves made of any waterproof material, and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, or nurseries.

Do not enter or allow others to enter until sprays have dried.

SPRAY DRIFT REQUIREMENTS

Observe the following requirements when spraying in the vicinity of aquatic areas such as, but not limited to lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish ponds.

Droplet Size

Use the largest droplet size consistent with acceptable efficacy. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure. For groundboom and aerial applications, use only medium or coarser spray nozzles according to ASAE (S572) definition for standard nozzles, or a volume mean diameter (VMD) of 300 microns or greater for spinning atomizer nozzles. In conditions of low humidity and high temperatures, applicators should use a coarser droplet size.

Wind Direction and Speed

Make aerial or ground applications when the wind velocity favors on target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph. For all non-aerial applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.

Temperature Inversion

Do not make aerial or ground applications into areas of temperature inversions.

Inversions are characterized by stable air and increasing temperatures with increasing distance above the ground. Mist or fog may indicate the presence of an inversion in humid areas. Where permissible by local regulations, the applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface. In conditions of low humidity and high temperatures, applicators should use a coarser droplet size.

Additional Requirements for Ground Applications

Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided. For groundboom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

Additional Requirements for Aerial Applications

For aerial applications, the spray boom should be mounted on the aircraft as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of wing span or 90% rotor diameter.

Aerial applicators must consider flight speed and nozzle orientation in determining droplet size.

When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Buffer Zones for Aerial Application

When making a Non-ULV application with aerial application equipment, a minimum buffer zone of 25 feet must be maintained along any water body.

When making a ULV application with aerial application equipment, a minimum buffer zone of 50 feet must be maintained along any water body.

USE RESTRICTIONS

Any ULV end use product formulated for use for aerial applications, other than those with directions for use in Wide Area Mosquito Adulticide applications, must be packaged in closed mixing and loading systems.

PHI = Pre-Harvest Interval

REI = Restricted Entry Interval

VEGETABLES

Apply this product in a minimum of 30 gallons of water by ground equipment or 5 gallons of water by air equipment unless otherwise specified. Best results are obtained with uniform coverage.

Vegetable Crops	Pests Controlled	Rate per Acre	PHI (Days)
Asparagus (REI = 12 hrs.)	Asparagus aphids, Asparagus beetles	2 pts.	1
	Thrips	1.5 to 2 pts.	
USE RESTRICTIONS: The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre; the maximum number of applications per year is 2; the minimum retreatment interval is 7 days.			
Beets (Garden, including Tops) (REI = 12 hrs.)	Aphids	1.5 to 2 pts.	7
	SPECIFIC DIRECTIONS: Do not apply within 7 days of harvest if tops are to be used as food or feed.		
USE RESTRICTIONS: The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre; the maximum number of applications per year is 3; and the minimum retreatment interval is 7 days. DO NOT apply to Sugarbeets.			
Broccoli (REI = 48 hrs.)	Aphids, Cabbage loopers, Imported cabbageworms	1 to 2 pts.	2
USE RESTRICTIONS: The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre; the maximum number of applications per year is 2; and the minimum retreatment interval is 7 days.			
Brussels sprouts (REI = 48 hrs.)	Aphids	1 to 2 pts.	2
USE RESTRICTIONS: The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre; the maximum number of applications per year is 2; and the minimum retreatment interval is 7 days.			

(Continued)

(Cont)			
Vegetable Crops	Pests Controlled	Rate per Acre	PHI (Days)
Cabbage (REI = 48 hrs)	Aphids Cabbage loopers Imported cabbageworms	1 to 2 pts	7
	Diamondback moth Webworms	2 pts	
	SPECIFIC DIRECTIONS For control of Caterpillars on Summer and Fall plantings in the South begin when true leaves appear On other plantings and for control of other insects begin when insects appear		
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of applications per year is 6 and the minimum retreatment interval is 7 days			
Carrots (Roots) (REI = 24 hrs)	Aphids	1 5 to 2 pts	7
	Leafhoppers	2 pts	
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Cauliflower (REI = 48 hrs)	Diamondback moths	2 pts	2
	Aphids	1 to 2 pts	
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Celery (REI = 24 hrs)	Aphids Spider mites	2 4 pts	7
	SPECIFIC DIRECTIONS To be applied to fresh leaves and stalks only		
USE RESTRICTIONS The maximum application rate is 1 5 pounds a i (2 4 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Collards (REI = 12 hrs)	Aphids	1 6 pts	7
	Harlequin cabbage bugs	1 pt	
	SPECIFIC DIRECTIONS For control of Caterpillars on Summer and Fall plantings in the South begin when true leaves appear On other plantings and for control of other insects begin when insects appear		
USE RESTRICTIONS The maximum application rate is 1 pound a i (1 6 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
Cucumbers (REI = 24 hrs)	Aphids Pickleworms Spider mites	1 5 to 2 pts	1
	Cucumber beetles Squash vine borers	2 8 pts	
	Leafminers	2 pts	
	SPECIFIC DIRECTIONS Do not apply to Cucumbers unless plants are dry		
USE RESTRICTIONS The maximum application rate is 1 75 pounds a i (2 8 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
(Continued)			

(Cont)			
Vegetable Crops	Pests Controlled	Rate per Acre	PHI (Days)
Dandelions Parsnips (REI = 24 hrs)	Aphids	1 5 to 2 pts	7
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of applications per year is 2 for Dandelion and 3 for Parsnips The minimum retreatment interval is 7 days			
Eggplants (REI = 12 hrs)	Aphids Spider mites	1 pt	3
	Lace bugs	2 5 pts	
USE RESTRICTIONS The maximum application rate is 1 56 pounds a i (2 5 pints of this product) per acre the maximum number of applications per year is 4 and the minimum retreatment interval is 5 days			
Endive (REI = 24 hrs)	Aphids Spider mites	1 5 to 2 pts	7
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Garlic Shallots (REI = 24 hrs)	Aphids Thrips	1 5 to 2 pts	3
USE RESTRICTIONS The maximum application rate is 1 56 pounds a i (2 5 pints of this product) per acre the maximum number of applications per year is 3 for Garlic and 2 for Shallots The minimum retreatment interval is 7 days			
Hops (REI = 12 hrs)	Aphids Spider mites	1 pt	10
USE RESTRICTIONS The maximum application rate is 0 63 pound a i (1 pint of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
Horseradish (REI = 24 hrs)	Aphids	1 5 pts	7
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
Kale (REI = 12 hrs)	Aphids Cabbage loopers Imported cabbageworms	1 to 1 6 pts	7
	Webworms Diamondback moth	1 6 pts	
	SPECIFIC DIRECTIONS For control of Caterpillars on Summer and Fall plantings in the South begin when true leaves appear On other plantings and for control of other insects begin when insects appear		
USE RESTRICTIONS The maximum application rate is 1 pound a i (1 6 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 5 days			
Kohlrabi (REI = 24 hrs)	Aphids	1 to 2 pts	7
	Cabbage loopers Diamondback moth Imported cabbageworms Webworms	2 pts	
	SPECIFIC DIRECTIONS For control of Caterpillars on Summer and Fall plantings in the South begin when true leaves appear On other plantings and for control of other insects begin when insects appear		
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Leeks (REI = 24 hrs)	Aphids	3 to 2 pts	3
	Onion maggots Thrips	2 5 pts	
USE RESTRICTIONS The maximum application rate is 56 pounds a i (2 5 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
(Continued)			

(Cont)			
Vegetable Crops	Pests Controlled	Rate per Acre	PHI (Days)
Lettuce (Head Leaf) (REI = 24 hrs)	Aphids Leafhoppers Spider mites	2 pts	14
	Cabbage loopers	3 pts	
USE RESTRICTIONS The maximum application rate is 1 88 pounds a i (3 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 5 days for leaf and 6 days for head lettuce			
Mushrooms (REI = 12 hrs)	Mites Phorid flies Sciarid flies	2 7 pts /A or 1 fl oz per 1 000 sq ft of bed	1
	SPECIFIC DIRECTIONS Make thorough applications as soon as possible after picking Repeat application as necessary at 3 day intervals		
USE RESTRICTIONS The maximum application rate is 1 7 pounds a i (2 7 pints of this product) per acre (1 fl oz of this product per 1 000 sq ft of bed) the maximum number of applications per year is 4 and the minimum retreatment interval is 3 days			
Mustard greens (REI = 12 hrs)	Aphids Cabbage loopers Imported cabbageworms Flea beetles	1 6 pts	7
	SPECIFIC DIRECTIONS For control of Caterpillars on Summer and Fall plantings in the South begin when true leaves appear On other plantings and for control of other insects begin when insects appear		
USE RESTRICTIONS The maximum application rate is 1 pound a i (1 6 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 5 days			
Okra (REI = 12 hrs)	Aphids	1 5 pts	1
	Japanese beetles	1 9 pts	
SPECIFIC DIRECTIONS Make no application after pods start to form			
USE RESTRICTIONS The maximum application rate is 1 2 pounds a i (1 9 pints of this product) per acre the maximum number of applications per year is 5 and the minimum retreatment interval is 7 days			
Onions (Bulb Green) (REI = 12 hrs)	Onion maggots	1 5 to 2 5 pts	3
	Onion thrips	1 5 to 2 pts	
USE RESTRICTIONS The maximum application rate is 1 56 pounds a i (2 5 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Parsley (REI = 7 days)	Aphids	1 5 to 2 pts	2
USE RESTRICTIONS The maximum application rate is 1 5 pounds a i (2 4 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Peas (Dry Succulent) (REI = 12 hrs)	Aphids Grasshoppers	1 6 pts	3
	Leafhoppers	1 25 to 1 6 pts	
SPECIFIC DIRECTIONS Do not graze or feed treated crop foliage to livestock			
USE RESTRICTIONS The maximum application rate is 1 pound a i (1 6 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Peppermint Spearmint (REI = 12 hrs)	Aphids Flea beetles Leafhoppers Spider mites	1 5 pts	7
	USE RESTRICTIONS The maximum application rate is 0 94 pound a i (1 5 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days		
(Continued)			

(Cont)			
Vegetable Crops	Pests Controlled	Rate per Acre	PHI (Days)
Peppers (REI = 12 hrs)	Aphids	1 to 2 5 pts	3
	Pepper maggots	2 5 pts	
USE RESTRICTIONS The maximum application rate is 1 56 pounds a i (2 5 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 5 days			
Potatoes (REI = 12 hrs)	Aphids Grasshoppers Leafhoppers	2 pts	0
	False chinch bugs	1 5 pts	
Mealybugs 2 to 2 5 pts			
USE RESTRICTIONS The maximum application rate is 1 56 pounds a i (2 5 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Pumpkins (12 hrs)	Aphids Pickleworms Spider mites	1 6 pts	1
	Leafhoppers	1 5 pts	
	Cucumber beetles	1 6 pts	
	Squash vine borers		
SPECIFIC DIRECTIONS Do not apply to Pumpkins unless plants are dry			
USE RESTRICTIONS The maximum application rate is 1 pound a i (1 6 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Radish (REI = 12 hrs)	Aphids	1 5 pts	7
USE RESTRICTIONS The maximum application rate is 1 pound a i (1 6 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
Rutabagas (REI = 12 hrs)	Aphids	1 5 pts	7
USE RESTRICTIONS The maximum application rate is 1 pound a i (1 6 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
Spinach (REI = 12 hrs)	Aphids	1 6 pts	7
USE RESTRICTIONS The maximum application rate is 1 pound a i (1 6 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Squash (Summer) (REI = 24 hrs)	Aphids Leafminers Spider mites Pickleworms	2 pts	1
	Cucumber beetles	2 8 pts	
Squash vine borers			
SPECIFIC DIRECTIONS Do not apply to Squash unless plants are dry			
USE RESTRICTIONS The maximum application rate is 1 75 pounds a i (2 8 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
Squash (Winter) (REI = 12 hrs)	Aphids Leafminers Spider mites Pickleworms	1 6 pts	1
	Cucumber beetles		
Squash vine borer			
SPECIFIC DIRECTIONS Do not apply to Squash unless plants are dry			
USE RESTRICTIONS The maximum application rate is 1 pound a i (1 6 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
(Continued)			

9/14

(Cont)			
Vegetable Crops	Pests Controlled	Rate per Acre	PHI (Days)
Sweet potatoes (REI = 12 hrs)	Leafhoppers	1.5 to 2 pts	0
	Morningglory leafminers	2.5 pts	
USE RESTRICTIONS The maximum application rate is 1.56 pounds a.i. (2.5 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Swiss chard (REI = 12 hrs)	Aphids	1.6 pts	14
USE RESTRICTIONS The maximum application rate is 1 pound a.i. (1.6 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Tomatoes (REI = 12 hrs)	Aphids	1.5 pts	1
	Drosophila	2.5 pts	
	Armyworms		
	Spider mites	1.5 pts	
	Fruitworms (CA only)	2.5 pts	1
USE RESTRICTIONS The maximum application rate is 1.56 pounds a.i. (2.5 pints of this product) per acre the maximum number of applications per year is 4 and the minimum retreatment interval is 5 days			
Turnips (Greens Roots) (REI = 12 hrs)	Aphids Cabbage loopers Imported cabbageworms	1 to 2 pts	1
	SPECIFIC DIRECTIONS For control of Caterpillars on Summer and Fall plantings in the South begin when true leaves appear On other plantings and for control of other insects begin when insects appear		
USE RESTRICTIONS The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 5 days for turnip greens and 7 days for turnip roots			
Watercress (REI = 12 hrs) (REI = 24 hrs)	Aphids	1.6 pts (2 pts)	3
	USE RESTRICTIONS The REI is 12 hours if applied at the maximum rate of 1 pound a.i. (1.6 pints of this product) per acre The REI is increased to 24 hours if applied at the maximum rate of 1.25 pounds a.i. (2 pints of this product) per acre The maximum number of applications per year is 5 and the minimum retreatment interval is 3 days		

FRUIT AND NUT CROPS

Fruit and Nut Crops	Pests Controlled	Rate per Acre	PHI (Days)
Apricots (REI = 12 hrs)	Aphids Codling moths European fruit lecaniums Orange tortrx Soft brown scales Terrapin scales	2 pts	6
USE RESTRICTIONS The maximum application rate is 1.5 pounds a.i. (2.4 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
(Continued)			

(Cont)			
Fruit and Nut Crops	Pests Controlled	Rate per Acre	PHI (Days)
Avocados (REI = 48 hrs)	Greenhouse thrips Latania scales Omnivorous loopers Orange tortrix Soft brown scales	7.5 pts	7
USE RESTRICTIONS The maximum application rate is 4.7 pounds a.i. (7.5 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 30 days			
Blackberries Boysenberries Dewberries Gooseberries Loganberries Raspberries (REI = 12 hrs)	Aphids Rose scale chafers Japanese beetles	3 pts	1
	Leafhoppers Mites		
	Thrips		
USE RESTRICTIONS The maximum application rate is 2 pounds a.i. (3.2 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
Blueberries (REI = 12 hrs)	Blueberry maggots	1 pt per 100 gals + 1.5 qts Staley's Sauce Base No. 7 Bait (protein hydrolysate bait) or Nu Lure®	1
	SPECIFIC DIRECTIONS For use in the North east only Apply in 100 gals of water per acre		
	Cherry fruitworms	2 pts	1
	Cranberry fruitworms		
SPECIFIC DIRECTIONS Make first application at egg hatch and repeat applications every 5 days until a total of 3 applications have been made			
	Japanese beetles	1.5 pts	1
SPECIFIC DIRECTIONS Make application when first berries turn blue and at 10 day intervals as long as infestation persists			
USE RESTRICTIONS The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 5 days			
Cherries (Sweet Tart) (REI = 12 hrs)	Black cherry aphids Fruittree leafrollers Cherry fruit flies Japanese beetles	2.8 pts	3
	SPECIFIC DIRECTIONS Injury may occur on certain varieties of Sweet cherries particularly in the Northwest		
USE RESTRICTIONS The maximum application rate is 1.75 pounds a.i. (2.8 pints of this product) per acre the maximum number of applications per year is 4 and the minimum retreatment interval is 3 days			
(Continued)			

(Cont)			
Fruit and Nut Crops	Pests Controlled	Rate per Acre	PHI (Days)
Citrus (Grapefruits Lemons Limes Oranges Tangerines Tangelos) (CA Only) (REI = 12 hrs) (REI = 72 hrs)	Black scales (single and off brooded) California red scales Citricola scales Purple scales Soft brown scales Yellow scales Florida purple scales Florida red scales	2 4 pts (12 pts)	7
	SPECIFIC DIRECTIONS Do not apply when trees are in bloom		
	Citrus red mites Thrips	2 4 pts (12 pts)	7
USE RESTRICTIONS The REI is 12 hours if applied at the maximum rate of 1 5 pounds a i (2 4 pints of this product) per acre maximum number of applications per year is 3 at minimum retreatment interval of 30 days However the REI is increased to 72 hours if applied at the maximum rate of 7 5 pounds a i (12 pints of this product) per acre only 1 application is allowed per year			
Citrus (Grapefruits Lemons Limes Oranges Tangerines Tangelos) (All Other States Except CA) (REI = 12 hrs) (REI = 72 hrs)	Black scales (single and off brooded) California red scales Citricola scales Purple scales Soft brown scales Yellow scales Florida purple scales Florida red scales	2 4 pts (7 2 pts)	7
	SPECIFIC DIRECTIONS Do not apply when trees are in bloom		
	Citrus red mites Thrips	2 4 pts (7 2 pts)	7
USE RESTRICTIONS The REI is 12 hours if applied at the maximum rate of 1 5 pounds a i (2 4 pints of this product) per acre maximum number of applications per year is 3 at minimum retreatment interval of 30 days However the REI is increased to 72 hours if applied at the maximum rate of 4 5 pounds a i (7 2 pints of this product) per acre only 1 application is allowed per year			
Currants (REI = 12 hrs)	Japanese beetles Rose chafers Mites	2 pts	1
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
Figs (REI = 12 hrs) (REI = 24 hrs)	Dried fruit beetles	2 4 pts	5
	Vinegar flies	(3 2 pts)	
SPECIFIC DIRECTIONS Apply with 2 gallons of unsulfured molasses per acre			
USE RESTRICTIONS The REI is 12 hours if applied at the maximum rate of 1 5 pounds a i (2 4 pints of this product) per acre However the REI is increased to 24 hours if applied at the maximum rate of 2 pounds a i (3 2 pints of this product) per acre The maximum number of applications per year is 2 the minimum retreatment interval is 5 days			
(Continued)			

(Cont)			
Fruit and Nut Crops	Pests Controlled	Rate per Acre	PHI (Days)
Grapes (REI = 72 hrs for girdling and tying 24 hrs for all other activities)	Leafhoppers Spider mites European fruit lecaniums	3 pts	3
	Mealybugs	1 5 pts	3
SPECIFIC DIRECTIONS For European fruit lecaniums – Make full coverage applications when newly hatched nymphs are migrating over vines usually shortly after bloom Injury may occur on Grapes of Almeria Cardinal Italia and Ribier varieties when sprays containing this product are applied after clusters appear			
USE RESTRICTIONS The maximum application rate is 1 88 pounds a i (3 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 14 days			
Grapevines (over Wintering on nursery stock only) (REI = 24 hrs)	Grape phylloxera	3 pts per 100 gals	
	SPECIFIC DIRECTIONS Remove excess soil from the roots and dip in solution of this product Submerge the entire root system for 5 minutes Keep the solution agitated at all times		
USE RESTRICTIONS The maximum application rate is 1 88 pounds a i (3 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 14 days			
Kumquat (REI = 48 hrs)	Black scales (single and off brooded) California red scales Citricola scales Purple scales Soft brown scales Yellow scales Florida purple scales Florida red scales	7 2 pts	7
	SPECIFIC DIRECTIONS Do not apply when trees are in bloom		
	Citrus red mites Thrips	7 2 pts	7
USE RESTRICTIONS The maximum application rate is 4 5 pounds a i (7 2 pints of this product) per acre only 1 application is allowed per year			
Macadamia nuts (REI = 12 hrs)	Green stink bugs	1 5 pts	1
SPECIFIC DIRECTIONS Apply when insects start to feed on the Nuts and repeat as necessary			
USE RESTRICTIONS The maximum application rate is 0 94 pound a i (1 5 pints of this product) per acre the maximum number of applications per year is 6 and the minimum retreatment interval is 7 days			
Nectarines (REI = 24 hrs)	Spider mites	3 to 4 8 pts	7
	Plum curculios	4 8 pts	
SPECIFIC DIRECTIONS This product may cause fruit spotting on Nectarines			
USE RESTRICTIONS The maximum application rate is 3 pounds a i (4 8 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
(Continued)			

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(Cont)			
Fruit and Nut Crops	Pests Controlled	Rate per Acre	PHI (Days)
Papayas (REI = 12 hrs)	Aphids Mealybugs	1 5 to 2 pts	1
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of applications per year is 8 and the minimum retreatment interval is 3 days			
Peaches (REI = 24 hrs)	Black cherry aphids Black peach aphids European red mites Green peach aphids Rusty plum aphids Japanese beetles Spider mites Oriental fruit moths Plum curculios Cottony peach scales European fruit lecaniums Terrapin scales	4 8 pts	7
	SPECIFIC DIRECTIONS Make full coverage ap plications at completion of hatching about the last of June		
USE RESTRICTIONS The maximum application rate is 3 pounds a i (4 8 pints of this product) per acre the maximum number of ap plications per year is 3 and the minimum retreatment interval is 11 days			
Pecans (REI = 24 hrs)	Aphids Spider mites Walnut aphids European red mites Pecan leaf phylloxera	4 pts	7
	SPECIFIC DIRECTIONS Apply when buds begin to develop and repeat as necessary		
	Pecan nut casebearers Walnut huskflies	4 pts	7
SPECIFIC DIRECTIONS Apply after first gener ation eggs begin to hatch			
USE RESTRICTIONS The maximum application rate is 2 5 pounds a i (4 pints of this product) per acre the maximum number of appli cations per year is 2 and the minimum retreatment interval is 7 days			
Pineapple (REI = 24 hrs)	Mealybugs	3 2 pts	7
USE RESTRICTIONS The maximum application rate is 2 pounds a i (3 2 pints of this product) per acre the maximum number of ap plications per year is 3 and the minimum retreatment interval is 7 days			
Strawbernes (REI = 12 hrs)	Aphids Spider mites	1 5 pts	3
	Field crickets Lygus bugs Spittlebugs Thrips	1 5 to 3 pts	
	Potato leafhoppers Strawberry leafrollers Strawberry root weevils Whiteflies	1 5 to 2 5 pts	
USE RESTRICTIONS The maximum application rate is 2 pounds a i (3 2 pints of this product) per acre the maximum number of ap plications per year is 4 and the minimum retreatment interval is 7 days			
(Continued)			

(Cont)			
Fruit and Nut Crops	Pests Controlled	Rate per Acre	PHI (Days)
Walnuts (REI = 24 hrs)	Aphids European red mites Walnut aphids Walnut huskflies	1 5 to 3 pts	7
	SPECIFIC DIRECTIONS For bait sprays com bine Staley s Sauce Base No 2 or No 7 Bait (protein hydrolysate bait) or Nu Lure at the rate of 2 qts per acre with this product		
	Aphids European red mites Walnut aphids Walnut huskflies	3 to 4 pts	7
SPECIFIC DIRECTIONS For bait sprays com bine Staley s Sauce Base No 2 or No 7 Bait (protein hydrolysate bait) or Nu Lure at the rate of 2 qts per acre with this product			
USE RESTRICTIONS The maximum application rate is 2 5 pounds a i (4 pints of this product) per acre the maximum number of ap plications per year is 3 and the minimum retreatment interval is 7 days			

FIELD CROPS, PASTURE AND RANGE GRASSES

Field Crops	Pests Controlled	Rate per Acre	PHI (Days)
Alfalfa (REI = 12 hrs)	Alfalfa weevil larvae Aphids Grasshoppers Lygus bugs Potato leafhoppers Spider mites Spittlebugs Stinkbugs	1 5 to 2 pts	0
	Armyworms	2 pts	
	Clover leaf weevils	1 5 pts	
	Vetch bruchids	2 pts	
	SPECIFIC DIRECTIONS Apply to Alfalfa in bloom only in the evening or early morning when bees are not working in the field or are not hanging on out side of hives		
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) the maximum number of appli cations is 2 per cutting and the minimum retreatment interval is 14 days			
Clovers (REI = 12 hrs)	Alfalfa weevil larvae Aphids Grasshoppers Lygus bugs Potato leafhoppers Spider mites Spittlebugs	1 5 to 2 pts	0
	Armyworms	2 pts	
	Clover leaf weevils	1 5 pts	
SPECIFIC DIRECTIONS Do not apply to Clover in bloom			
USE RESTRICTIONS The maximum application rate is 1 25 pounds a i (2 pints of this product) per acre the maximum number of ap plications is 2 per cutting and the minimum retreatment interval is 14 days			
(Continued)			

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(Cont)				
Field Crops	Pests Controlled	Rate per Acre	PHI (Days)	
Corn (Field) (REI = 72 hrs for detasseling 12 hrs for all other activities)	Aphids Corn earworms Corn rootworms (adults) Grasshoppers Sap beetles Thrips Armyworms	1.5 pt	7	
	SPECIFIC DIRECTIONS For control of Corn earworms and Sap beetles begin treatments when 10% of the ears show silk Injury may occur in the whorl and silk stages with this product			
USE RESTRICTIONS The maximum application rate is 1 pound a.i. (1.6 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days				
Corn (Pop Sweet) (REI = 72 hrs for detasseling 12 hrs for all other activities)	Amyworms Aphids Corn earworms Corn rootworms (adults) Grasshoppers Japanese beetles Sap beetles Thrips	1.6 pts	5	
	USE RESTRICTIONS The maximum application rate is 1 pound a.i. (1.6 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 5 days			
Cotton (REI = 48 hrs)	Brown cotton leafworms Cotton aphids Cotton leafworms Cotton leafperforators Desert spider mites Leafhoppers Lygus bugs Thrips Whiteflies	0.5 to 2 pts	7	
	Boll weevil	2 to 4 pts		
	Cotton fleahoppers	1 to 1.5 pts		
	Fall armyworms Garden webworms Grasshoppers	1.5 to 3 pts		
	Lygus bugs Thrips	1 to 4 pts		
	SPECIFIC DIRECTIONS Consult local agricultural authorities for exact time of application			
	USE RESTRICTIONS The maximum application rate is 2.5 pounds a.i. (4 pints of this product) per acre the maximum number of applications per year is 3 and the minimum retreatment interval is 7 days			
Grasses Hay (Barnyardgrass) Canarygrass Fescue or Orchardgrass Redtop Timothy Yellow foxtail (REI = 12 hrs)	Cereal leaf beetles	1 to 2 pts	0	
	Aphids Grasshoppers Leafhoppers	1.5 to 2 pts OR 1.5 pts in 1 gal of diesel fuel oil per acre		
	Armyworms	2 pts OR 1 pt in 1 gal of diesel fuel oil per acre		
USE RESTRICTIONS The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre the maximum number of applications is 1 per cutting				
(Continued)				

(Cont)			
Field Crops	Pests Controlled	Rate per Acre	PHI (Days)
Pasture and Rangeland (REI = 12 hrs)	Aphids Grasshoppers Leafhoppers	1.4 pts OR 1.4 pts in 1 gal of diesel fuel oil per acre	0
	Armyworms	1.4 pts OR 1 pt in 1 gal of diesel fuel oil per acre	
USE RESTRICTIONS For ULV application only use closed mixing and loading systems The maximum application rate is 0.92 pound a.i. (1.4 pints of this product) per acre the maximum number of applications is 1 per cutting			
Rice (REI = 12 hrs)	Wild rice Rice leafminers Rice stink bugs	0.9 pt	14
SPECIFIC DIRECTIONS ULV Application Apply by air in 2 gallons of water per acre Make the first application shortly after the first Rice blades appear on the surface of the water and repeat if necessary Broadcast use only over intermittently flooded areas Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially			
USE RESTRICTIONS For ULV application only use closed mixing and loading systems The maximum application rate is 0.61 pound a.i. (0.9 pint of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
Rice (REI = 12 hrs)	Wild rice Rice leafminers	2 pts	7
	SPECIFIC DIRECTIONS Make the first application shortly after the first Rice blades appear on the surface of the water and repeat if necessary Broadcast use only over intermittently flooded areas Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially		
	Rice stink bugs	1 to 1.5 pts	7
	SPECIFIC DIRECTIONS Apply by air in 5 gals of water per acre during the early milk and dough stage of growing Rice Repeat application as necessary Broadcast use only over intermittently flooded areas Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially		
	USE RESTRICTIONS The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days		
Small grains (Barley) (REI = 12 hrs)	Cereal leaf beetles	1 to 1.5 pts	7
	English grain aphids Grasshoppers Greenbugs	1.5 pts	
	Winter grain mites	2 pts	
	SPECIFIC DIRECTIONS Do not apply within 7 days of forage use		
USE RESTRICTIONS The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre the maximum number of applications per year is 2 and the minimum retreatment interval is 7 days			
(Continued)			

(Cont.)			
Field Crops	Pests Controlled	Rate per Acre	PHI (Days)
Small grains (Oats, Rye, Wheat) (REI = 12 hrs.)	Cereal leaf beetles, English grain aphids, Grasshoppers, Greenbugs, Winter grain mites	1.6 pts.	7
USE RESTRICTIONS: The maximum application rate is 1 pound a.i. (1.6 pints of this product) per acre; the maximum number of applications per year is 2 for Oats and Wheat and 3 for Rye. The minimum retreatment interval is 7 days.			
Vetch (REI = 12 hrs.)	Omnivorous leafhoppers, Pea aphids, Vetch bruchids	1.5 to 2 pts.	0
SPECIFIC DIRECTIONS: May be applied on the day of harvest or grazing.			
USE RESTRICTIONS: The maximum application rate is 1.25 pounds a.i. (2 pints of this product) per acre; the maximum number of applications is 2 per cutting; and the minimum retreatment interval is 14 days.			

OUTDOOR ORNAMENTALS (REI = 12 HRS.)

Ornamental and/or Shade Trees, Ornamental Herbaceous Plants, Ornamental Non-flowering Plants, and Ornamental Woody Shrubs and Vines: Injury may occur on Canareti juniper, Crassula, Ferns, Hickory, Lantana and Viburnum following the use of this product. Slight injury has also been reported on Boston and Maidenhair ferns, Maples, Petunias, Pteris, Small leaf spreas and White pines. Under extreme heat, drought and disease conditions, this product may cause slight damage to Elms.

SPECIFIC DIRECTIONS:

- Add specified amounts of water and this product to sprayer tank.
- Apply when insects or damage appear. Repeat as necessary to maintain control following the specification in the "USE RESTRICTIONS".
- Apply when air is calm.
- Start spraying at the farthest end of the treatment area and work backwards to avoid contact with wet surfaces.
- Spray thoroughly to wet upper and lower leaf surfaces, stems, and branches.
- Allow spray to dry in treated areas before reentering.

Pests	Rate per		
	100 Gals. of Water	OR	Gal. of Water
Aphids, Spider mites	1.5 pts.	OR	2 tsps.
Azalea scales, Magnolia scales, Pine leaf scales	2 pts.	OR	2 tsps.
Bagworms, Birch leafminers, Boxwood leafminers	2 pts.	OR	2 tsps.
Black scales (crawlers), Soft brown scales	2.25 pts.	OR	2 tsps.
Euonymous scales, Scurfy scales	1.5 pts.	OR	2 tsps.
European pine shoot moths, Fourlined leaf bugs, Japanese beetles (adult), Potato leafhoppers, Rose leafhoppers, Tarnished plant bugs, Thrips	1.5 pts.	OR	2 tsps.
Fletcher scales*	2 pts.	OR	2 tsps.
Florida red scales, Juniper scales*	2 pts.	OR	2 tsps.
Lace bugs	1 pt.	OR	2 tsps.
Mealybugs, Whiteflies	1.5 pts.	OR	2 tsps.
Monterey pine scales	2.5 pts.	OR	2 tsps.
Oak kermes*	2 pts.	OR	2 tsps.
Oystershell scales*	1 pt.	OR	2 tsps.
Pine needle scales	4 pts.	OR	4 tsps.
Tent caterpillars	2 pts.	OR	2 tsps.
Wax scales**	4 pts.	OR	4 tsps.

USE RESTRICTIONS: Do not apply more than 2.5 pounds a.i. (4 pints of this product) per acre (1.5 fl. ozs. or 3 lbsps. per 1,000 sq. ft.) per application. Maximum number of applications per year is 2.

Minimum retreatment interval is 10 days.

* Apply when Scale crawlers have settled on foliage.

** Apply in Spring when crawlers are active. Repeat 1 or 2 full coverage applications at 10-day intervals.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: Do not contaminate with other pesticides or fertilizers. The product should never be heated above 55°C (131°F), and should not be stored for long periods of time at a temperature in excess of 25°C (77°F). Storage should be under lock and key in a ventilated room and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move containers by handles or case. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled, follow these steps:

1. Contain spill. Absorb with a material such as sawdust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with soap and water to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place leaking container in a plastic tub and transfer contents, as soon as possible, to an empty, original container.
6. Do not allow runoff to enter sewer or contaminate water supplies.
7. Dispose of waste.

PESTICIDE DISPOSAL: To avoid wastes, use all materials in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by State or local governments or by industry).

CONTAINER DISPOSAL:

Nonrefillable Container (rigid material; less than 5 gallons):

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid material; 5 gallons or greater):

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable Containers:

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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WARRANTY CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

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