

**ACCEPTED**  
 JUL 19 2001  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-217



# Malathion 5EC

Insecticide / Miticide

**ACTIVE INGREDIENT:**

Malathion: 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate ..... 57.0%  
 OTHER INGREDIENTS: ..... 43.0%  
**TOTAL:** ..... 100.0%

This product contains 5 pounds of Malathion per gallon at 68°F.

**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

**SHAKE WELL BEFORE USING**

EPA Reg. No. 19713-217

EPA Est. No. 19713-GA-1 Net Contents: \_\_\_\_\_

**PRECAUTIONARY STATEMENTS (Continued)**  
 Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier Laminated, Butyl Rubber, Nitrile Rubber or Viton and shoes plus socks. When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.  
 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, 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 immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**  
 This pesticide is toxic to fish, aquatic invertebrates and aquatic life stages of amphibians. For terrestrial uses, 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 washwaters.  
 This product 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 if bees are 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, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.  
 Do not enter or allow worker entry into treated areas during the REI of 12 hours.  
 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 such as Barrier Laminated, Butyl Rubber, Nitrile Rubber or Viton and shoes plus socks.

FIRST AID	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN:</b>	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.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

**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 listed below. If you want more options, follow the instructions for category F on an EPA chemical-resistance category selection chart. (Continued)

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

### 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, nurseries or greenhouses.  
Do not allow contact with treated surface until sprays have dried.

PHI = Pre-Harvest 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)
Anise, Celery	Aphids, Spider mites	1½ pts.	7
	SPECIFIC DIRECTIONS: To be applied to fresh leaves and stalks only. Do not use on crops grown for seed and oil.		
Asparagus	Asparagus aphids, Asparagus beetles	2 pts.	1
	Thrips	1½ to 2 pts.	
Beans (Blackeyed peas, Cowpeas, Green beans, Lima beans, Navy beans, Red kidney beans, Snap beans, Wax beans)	Aphids, Bean leaf beetles, Blister beetles, Cucumber beetles, Potato leafhoppers, Lygus bugs	2 pts.	1
	Japanese beetles, Mexican bean beetles	1½ to 2 pts.	
	Red spider mites	1½ pts.	
	SPECIFIC DIRECTIONS: Do not graze or feed treated crop foliage to livestock.		
Dry beans (CA and Northwest Only)	Lygus bugs	Ground: 1½ to 2 pts. Air: 1½ pts. in 10 gals. of water	1
	SPECIFIC DIRECTIONS: Do not graze or feed treated crop foliage to livestock.		
Beets (Garden, Table)	Aphids	1½ to 2 pts.	7
	SPECIFIC DIRECTIONS: Do not apply within 7 days of harvest if tops are to be used as food or feed.		
Broccoli	Aphids, Cabbage loopers, Imported cabbageworms	1 to 2 pts.	3
Brussels sprouts	Aphids	1 to 2 pts.	7
Cabbage	Aphids, Cabbage loopers, Imported cabbageworms	1 to 2 pts.	7
	Diamondback moths, 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.		
Carrots	Aphids	1½ to 2 pts.	7
	Leafhoppers	2½ pts.	
Cauliflower	Diamondback moths	2 to 4 pts.	
	Aphids	1 to 2 pts.	
Collards	Aphids	1½ to 2 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.		
Cucumbers	Aphids, Pickleworms, Spider mites	1½ to 2 pts.	1
	Cucumber beetles, Squash vine borers	3 pts.	
	Leafminers	2 pts.	
	SPECIFIC DIRECTIONS: Do not apply to Cucumbers unless plants are dry.		
Dandelions, Parsley, Parsnips, Swiss chard, Watercress	Aphids	1½ to 2 pts.	See "SPECIFIC DIRECTIONS"
	SPECIFIC DIRECTIONS: Do not apply within 21 days of harvesting Parsley or within 7 days of harvesting Dandelions, Parsnips, Swiss chard or Watercress.		

Vegetable Crops	Pests Controlled	Rate per Acre	PHI (Days)
Eggplants	Aphids, Spider mites	1 pt.	3
	Lace bugs	3 pts.	
Endive	Aphids, Spider mites	1½ to 2 pts.	7
Garlic, Shallots	Aphids, Thrips	1½ to 2 pts.	3
Hops	Aphids, Spider mites	1 pt.	10
Kale	Aphids, Cabbage loopers, Imported cabbageworms	1 to 2 pts.	7
	Webworms, Diamondback moths	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.		
Kohlrabi	Aphids	1 to 2 pts.	7
	Cabbage loopers, Diamondback moths, Imported cabbageworms, Webworms	2 pts.	
Leeks	Aphids	1½ to 2 pts.	3
	Onion maggots	2½ pts.	
	Thrips	3 pts.	
Lentils	Cowpea aphids, Pea aphids	1½ pts.	3
	SPECIFIC DIRECTIONS: Do not graze or feed treated crop foliage to livestock.		
Lettuce	Aphids, Leafhoppers, Spider mites	2 pts.	7 (Head lettuce)
	Cabbage loopers	3 pts.	14 (Leaf lettuce)
Mushrooms	Mites, Phorid flies, Sciarid flies	2½ pts. in 130 gals. of water; or 2 tbsps. in 3 gals. of water per 1,000 sq. ft. of bed	1
	SPECIFIC DIRECTIONS: Make thorough applications as soon after picking as possible. Repeat applications, as necessary, usually twice a week.		
Mustard greens	Aphids, Cabbage loopers, Imported cabbageworms	2 pts.	7
	Flea beetles	1½ to 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.		
Okra	Aphids	1½ pts.	1
	Japanese beetles	2 pts.	
	SPECIFIC DIRECTIONS: Make no application after pods start to form.		
Onions	Onion maggots	1½ to 2½ pts.	3
	Onion thrips	1½ to 2 pts.	
Peas	Aphids	1½ to 2 pts.	3
	Grasshoppers	2 pts.	
	Leafhoppers	1¼ to 4 pts.	
	SPECIFIC DIRECTIONS: Do not graze or feed treated crop foliage to livestock.		
Peppermint, Spearmint	Aphids, Flea beetles, Leafhoppers, Spider mites	1½ pts.	7
Peppers	Aphids	1 to 2½ pts.	3
	Pepper maggots	2½ pts.	
Potatoes	Aphids, Grasshoppers, Leafhoppers	2 pts.	0
	False chinch bugs	1½ pts.	
	Mealybugs	2 to 2½ pts.	
Pumpkins	Aphids, Pickleworms, Spider mites	2 pts.	3
	Leafhoppers	1½ to 2 pts.	
	Cucumber beetles, Squash vine borers	3 pts.	
	SPECIFIC DIRECTIONS: Do not apply to Pumpkins unless plants are dry.		

Vegetable Crops	Pests Controlled	Rate per Acre	PHI (Days)
Radishes, Horseradish	Aphids	1½ to 2 pts.	7
Rutabagas	Aphids	1½ pts.	3
Spinach	Aphids	2 pts.	7
Squash	Aphids, Leafminers, Spider mites, Pickleworms	2 pts.	1
	Cucumber beetles, Squash vine borers	3 pts.	
	SPECIFIC DIRECTIONS: Do not apply to Squash unless plants are dry.		
Sweet corn	Japanese beetles	2 pts.	5
	SPECIFIC DIRECTIONS: Injury may occur in the whorl or to the silks.		
Sweet potatoes	Leafhoppers	1½ to 2 pts.	3
	Morningglory leafminers	2½ to 3 pts.	
Tomatoes	Aphids	1½ pts.	1
	Drosophila	2½ pts.	
	Spider mites	1½ pts.	
	Armyworms, Fruitworms (CA only)	2¾ qts.	
Turnips	Aphids, Cabbage loopers, Imported cabbageworms	1 to 2 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. Do not apply within 7 days of harvest if tops are to be used for food or feed.		

Fruit and Nut Crops	Pests Controlled	Rate per 100 Gals.	Rate per Acre	PHI (Days)	
Apricots	Aphids, Codling moths, European fruit lecaniums, Orange tortrix, Soft brown scales, Terrapin scales	1½ to 2 pts.	4½ to 6 pts.	7	
SPECIFIC DIRECTIONS: The rate for use on Apricots is based on a standard of 300 gals. per acre of dilute spray for mature trees.					
Avocados	Greenhouse thrips, Latania scales, Omnivorous loopers, Orange tortrix, Soft brown scales	1½ pts.	7½ pts.	7	
SPECIFIC DIRECTIONS: The rate for use on Avocados is based on a standard of 500 gals. per acre of dilute spray for mature trees.					
Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, Rose scale chafers, Japanese beetles, Leafhoppers, Mites, Thrips	1½ pts.	3 pts.	1	
SPECIFIC DIRECTIONS: The rates for use on brambles are based on a standard of 200 gals. per acre of dilute spray.					
Blueberries	Blueberry maggots	1 pt. + 1½ qts. Staley's Sauce Base No. 7	-	8 Hours	
	SPECIFIC DIRECTIONS: For use in the Northeast only. Apply in 100 gals. of water per acre. The rates for use on Blueberries are based on a standard of 200 gals. per acre of dilute spray.				
	Cherry fruitworms	1 pt.	2 pts.	1	
	Cranberry fruitworms	1 pt.	2 pts.	1	
	SPECIFIC DIRECTIONS: Make first application at egg hatch and repeat applications every 4 or 5 days until a total of 4 applications have been made. The rates for use on Blueberries are based on a standard of 200 gals. per acre of dilute spray.				
Japanese beetles	¾ pt.	1½ pts.	1		
	SPECIFIC DIRECTIONS: Make application when first berries turn blue and at 10-day intervals as long as infestation persists.				
Note: The rates for use on Blueberries are based on a standard of 200 gals. per acre of dilute spray.					

Fruit and Nut Crops	Pests Controlled	Rate per 100 Gals.	Rate per Acre	PHI (Days)	
Cherries	Black cherry aphids, Fruitree leaftrollers	1½ pts.	6 pts.	3	
	Cherry fruit flies, Japanese beetles	1 pt.	4 pts.		
	SPECIFIC DIRECTIONS: The rates for use on Cherries are based on a standard of 400 gals. per acre of dilute spray for mature trees. Do not apply more than 8 lbs. of this product per acre to Cherry trees. Injury may occur on certain varieties of Sweet cherries, particularly in the Northwest.				
Citrus (Grapefruits, Kumquats, Lemons, Limes, Oranges, Tangerines, Tangelos)	Black scales (single and off-brooded), California red scales, Citricola scales, Purple scales, Soft brown scales, Yellow scales	1 to 1½ pts.	-	7	
	Florida purple scales, Florida red scales	2 pts.			
	SPECIFIC DIRECTIONS: Do not apply when trees are in bloom.				
	Citrus red mites, Thrips	-	2½ pts.	7	
SPECIFIC DIRECTIONS: Apply in 200 gals. of water per acre. Do not apply when trees are in bloom.					
Note: The rates for use on Citrus are based on a standard 500 gals. per acre of dilute spray for mature trees.					
Currants, Gooseberries	Japanese beetles	1½ pts.	3 pts.	3	
	Rose chafers, Mites	1 pt.	2 pts.		
SPECIFIC DIRECTIONS: The rates for use on Currants and Gooseberries are based on a standard 200 gals. per acre of dilute spray.					
Figs	Dried fruit beetles, Vinegar flies	-	2 qts. + 1 to 2 gals. unsulfured molasses	3	
Grapes	Leafhoppers, Spider mites	1½ pts.	3 pts.	3	
	European fruit lecaniums	-	-		
	Mealybugs	-	1½ pts.		
SPECIFIC DIRECTIONS: For European fruit lecaniums - Make full coverage applications when newly hatched nymphs are migrating over vines, usually shortly after bloom. For Mealybugs - Apply in 50 to 100 gals. of water per acre. The rates for use on Grapes are based on a standard of 200 gals. per acre of dilute spray. Injury may occur on Grapes of Almeria, Cardinal, Italia and Ribier varieties when sprays containing this product are applied after clusters appear.					
Grape vines (over-Wintering on nursery stock only)	Grape phylloxera	3 pts.	-	-	
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.					
Macadamia nuts	Green stink bugs	1½ pts.	-	0	
SPECIFIC DIRECTIONS: Apply when insects start to feed on the Nuts and repeat as necessary. May be applied during harvest. No more than 15 lbs. of this product per acre should be applied to Macadamia nut trees.					
Nectarines	Spider mites	1 to 2 pts.	3 to 6 pts.	7	
	Plum curculios	2 pts.	6 pts.		
SPECIFIC DIRECTIONS: The rates for use on Nectarines are based on a standard of 300 gals. per acre of dilute spray for mature trees. This product may cause fruit spotting on Nectarines.					
Papaya	Aphids, Mealybugs	1½ to 2 pts.	-	0	
Peaches	Black cherry aphids, Black peach aphids, European red mites, Greenpeach, aphids, Rusty plum aphid, Japanese beetles, Spider mites	1 pt.	3 pts.	7	
	Oriental fruit moths, Plum curculios	2 pts.			
	Cottony peach scales, European fruit lecaniums, Terrapin scales	2 pts.	-		7
	SPECIFIC DIRECTIONS: Make full coverage applications at completion of hatching, about the last of June.				
	Note: The rates for use on Peaches are based on a standard of 300 gals. per acre of dilute spray for mature trees. Do not apply more than 9 lbs. of this product per acre to Peach trees.				

Fruit and Nut Crops	Pests Controlled	Rate per 100 Gals.	Rate per Acre	PHI (Days)
Pecans	Aphids, Spider mites, Walnut aphids	1½ to 2 pts.	7½ to 10 pts.	0
	European red mites	1¼ pts.	6¼ pts.	
	Pecan leaf phylloxera	1¼ pts.	6¼ pts.	0
	SPECIFIC DIRECTIONS: Apply when buds begin to develop and repeat as necessary.			
	Pecan nut casebearers, Walnut huskflies	1¼ pts.	6¼ pts.	0
	SPECIFIC DIRECTIONS: Apply after first generation eggs begin to hatch.			
Note: The rates for use on Pecans are based on a standard of 500 gals. per acre of dilute spray for mature trees 25 to 35 ft. high.				
Pineapples	Mealybugs	1 pt.	8 pts.	7
Strawberries	Aphids, Spider mites	-	1½ pts.	3
	Field crickets, Lygus bugs, Spittlebugs, Thrips	-	1½ to 3 pts.	
	Potato leafhoppers, Strawberry leafrollers, Strawberry root weevils, Whiteflies	-	1½ to 2½ pts.	
Walnuts	Aphids, European red mites, Walnut aphids	½ pt.	1½ to 3 pts.	0
	Walnut huskflies	½ pt.	1½ to 3 pts.	0
	SPECIFIC DIRECTIONS: Apply with conventional sprayer. For bait sprays, combine Staley's Sauce Base No. 2 or No. 7 at the rate of 2 qts. per acre with this product.			
	Walnut huskflies	-	3 to 4 pts.	0
SPECIFIC DIRECTIONS: Apply in 500 gals. of water per acre with air-carrier type sprayer. For bait sprays, combine Staley's Sauce Base No. 2 or No. 7 at the rate of 2 qts. per acre with this product.				

**FIELD CROPS, PASTURE AND RANGE GRASSES**

Field Crops	Pests Controlled	Rate per Acre	PHI (Days)
Alfalfa	Alfalfa weevil larvae, Aphids, Grasshoppers, Lygus bugs, Potato leafhoppers, Spider mites, Spittlebugs, Stinkbugs	1½ to 2 pts.	0
	Armyworms	2 pts.	
	Clover leaf weevils	1½ pts.	
	Vetch bruchids	2 to 2½ 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 outside of hives.		
Clovers	Alfalfa weevil larvae, Aphids, Grasshoppers, Lygus bugs, Potato leafhoppers, Spider mites, Spittlebugs	1½ to 2 pts.	0
	Armyworms	2 pts.	
	Clover leaf weevils	1½ pts.	
	SPECIFIC DIRECTIONS: Do not apply to Clover in bloom.		
Corn (Grain or Forage)	Aphids, Corn earworms, Corn rootworms (adults), Grasshoppers, Sap beetles, Thrips	1½ pts.	5
	Armyworms	1½ to 2 pts.	
	SPECIFIC DIRECTIONS: For control of Corn earworms and Sap beetles, begin treatments when 10% of the ears show silk. Repeat applications at 3 to 5 day intervals until 4 to 5 applications have been made. Do not apply within 5 days of harvest or forage use. Injury may occur in the whorl and silk stages with this product.		
Cotton	Brown cotton leafworms, Cotton aphids, Cotton leafworms, Cotton leafperforators, Desert spider mites, Leafhoppers, Lygus bugs, Thrips, Whiteflies	½ to 2 pts.	0
	Boll weevils	2 to 4 pts.	
	Cotton fleahoppers	1 to 1½ pts.	
	Fall armyworms, Garden webworms, Grasshoppers	1½ to 3 pts.	
	(Continued)		

Field Crops	Pests Controlled	Rate per Acre	PHI (Days)
Cotton (Continued)	Lygus bugs, Thrips	1 to 4 pts.	0
	SPECIFIC DIRECTIONS: Consult local agricultural authorities for exact time of application.		
Grasses (Barryardgrass, Canarygrass, Fescue or Orchardgrass, Redtop, Timothy, Yellow foxtail)	Cereal leaf beetles	1 to 1½ pts.	0
Pastures, Range grasses, Grasses, Grass hay	Aphids, Grasshoppers, Leafhoppers	1½ to 2 pts. OR 1½ pts. in 1 gal. of diesel fuel oil per acre	0
	Armyworms	2 pts. OR 1 pt. in 1 gal. of diesel fuel oil per acre	
Rice, Wild rice	Rice leafminers	2½ 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 1½ pts.	7
	SPECIFIC DIRECTIONS: Apply by air in 2 gals. of water per acre during the early milk and dough stage of growing Rice. Repeat applications 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.		
Small grains (Barley, Oats, Rye, Wheat)	Cereal leaf beetles	1 to 1½ pts.	-
	English grain aphids, Grasshoppers, Greenbugs	1½ pts.	
	Winter grain mites	2 pts.	
	SPECIFIC DIRECTIONS: Do not apply within 7 days of forage use.		
Vetch	Omnivorous leafhoppers, Pea aphids, Vetch bruchids	1 to 1½ pts.	0
	SPECIFIC DIRECTIONS: May be applied on the day of harvest or grazing.		

**OUTDOOR ORNAMENTALS**

**FLOWERS, SHADE TREES AND SHRUBS:** 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, Maple, Petunias, Pteris, Small leaf spirea and White pine. Under extreme heat, drought and disease conditions, this product may cause slight damage to Elms.

Pests	Rate per	
	100 Gals.	Gal.
Aphids, Spider mites	1½ 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	2¼ pts.	OR 2 tsps.
Euonymus scales, Scurfy scales	1½ pts.	OR 2 tsps.
European pine shoot moths, Fourlined leaf bugs, Japanese beetles (adult), Potato leafhoppers, Rose leafhoppers, Tarnished plant bugs, Thrips	1½ pts.	OR 2 tsps.
Fletcher scales <sup>1</sup>	2 pts.	OR 2 tsps.
Florida red scales, Juniper scales <sup>1</sup>	2 pts.	OR 2 tsps.
Lace bugs	1 pt.	OR 2 tsps.
Mealybugs, Whiteflies	1½ pts.	OR 2 tsps.
Monterey pine scales	2½ pts.	OR 2 tsps.
Oak kermes <sup>1</sup>	2 pts.	OR 2 tsps.
Oystershell scales <sup>1</sup>	1 pt.	OR 2 tsps.
Pine needle scales	4 pts.	OR 4 tsps.
Tent caterpillars	2 pts.	OR 2 tsps.
Wax scales <sup>2</sup>	1 pt.	OR 4 tsps.

<sup>1</sup>Apply when Scale crawlers have settled on foliage.  
<sup>2</sup>Apply in Spring when crawlers are active. Repeat 1 or 2 full coverage applications at 10-day intervals.

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### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** 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:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

### WARRANTY—CONDITION OF SALE

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

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

