

655-777

5/1/2000

Page 1 of 13

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

MAY 1 2000

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Richard Miller
President
Prentiss Incorporated
C.B. 2000
Floral Park, NY 11002-2000

Dear Mr. Miller:

Subject: Chemigation Directions
Prentox 5 Lb. Malathion Spray
EPA Reg. No. 655-777
Your Application of February 1, 2000

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable, provided that you:

Submit one copy of your final printed label incorporating the following correction before you release the product for shipment.

In the directions for use on squash, reformat the last column so that it is clear that the 1 day preharvest interval applies to the 2 pts. application rate as well as the 3 pts. rate.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended label constitutes acceptance of this condition.

A stamped copy of the label is enclosed for your records.

Sincerely,

Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

2913

Prentox 5 Lb. Malathion Spray
EPA Registration No. 655-777

Front Panel

KEEP THIS BOOKLET WITH CONTAINER AT ALL TIMES



5 LB. MALATHION SPRAY

ACTIVE INGREDIENTS:

Malathion 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate 57.0%

OTHER INGREDIENTS*: 43.0%

TOTAL 100.0%

*Contains Xylene Range Aromatic Solvent
Prentox® - Registered Trademark of Prentiss Incorporated

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 this label, find someone to explain it to you in detail.)

FIRST AID ORGANOPHOSPHATE

If swallowed — Drink promptly a large quantity of milk, egg whites, or gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Do not induce vomiting as it may cause aspiration pneumonia. **If inhaled** — Remove victim to fresh air. Apply respiration, if indicated. **If on skin** — Wash area immediately with soap and warm water. **If in eyes** — Hold eyes open and flush with a steady, gentle stream of water for 15 minutes.

See inside booklet for additional precautionary statements and complete directions for use.

EPA REG. NO. 655-777

5/99

EPA EST. NO. 655-GA-1

Manufactured by:

PRENTISS INCORPORATED

Plant: Kaolin Road, Sandersville, GA 31082
Office: C.B. 2000, Floral Park, NY 11002-2000

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 1 2000

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

655-777

STORAGE AND DISPOSAL

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

STORAGE: Store in cool, dry area. If container is damaged, stop any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent onto a shovel and put the sweepings into a salvage drum. Apply liquid household bleach to contaminated area. Scrub thoroughly using long handled brush. Let stand for 15 minutes. Wash area thoroughly with water. Place leaking container into a similar drum or glass container. Mark the container with name of product, ingredient statement, precautionary statements, and signal word. Contact us for replacement label. Do not store, use, pour or spill near heat or open flame.

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 by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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.

Agricultural Use Requirements

Use this product only in accordance with the 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 the 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. 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) of 12 hours.

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, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber or viton, shoes plus socks, and protective eyewear.

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 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 children or pets to contact treated surfaces until spray has dried.

~~DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.~~

CHEMIGATION:

Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS - CHEMIGATION" for use directions for chemigation. Do not apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

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

Crop	Pests Controlled	Rate/A	Interval (Days) Between Last Application and Harvest
Beans (Green Beans, Lima Beans Navy Beans, Red Kidney Beans, Snap Beans, Cowpeas and Blackeyed Peas)	Aphids, Bean leaf beetles, Blister beetles, Cucumber beetles, Potato leafhoppers, Lygus bugs	2 pts.	Do not apply within 1 day of harvest.
	Japanese beetle, Mexican bean beetle	1½ - 2 pts.	Grazing/feeding of treated crop foliage is prohibited.
	Red Spider mites	1½ pts.	
Dry Beans (California and Northwest only)	Lygus bugs	1½ - 2 pts. (ground) 1½ (air) in 10 gallons of water	Do not apply within 1 day of harvest
Beets (Garden and Table)	Aphids, Leafhopper	1½ - 2 pts.	Do not apply within 7 days of harvest if tops are to be used as food or feed.
Broccoli	Aphids, Cabbage looper, Imported cabbageworm	1 - 2 pts.	Do not apply within 3 days of harvest.
Brussels Sprouts	Aphids	1 - 2 pts.	Do not apply within 7 days of harvest.
Cabbage	Aphids, Cabbage looper, Imported cabbageworm	1 - 2 pts.	Do not apply within 7 days of harvest. 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.
	Diamondback moth, Webworm	2 pts.	
Cauliflower	Diamondback moth	2 - 4 pts.	Do not apply within 7 days of harvest.
	Aphids	1 - 2 pts.	

Crop	Pests Controlled	Rate/A	Interval (Days) Between Last Application and Harvest
Celery, Anise	Aphids, Spider mites	1½ pts.	To be applied to fresh leaves and stalks only. Do not use on crops grown for seed and oil. Do not apply within 7 days of harvest.
Collards	Aphids	1½ - 2 pts.	Do not apply within 7 days of harvest. 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.
	Harlequin cabbage bug	1 pt.	
Corn (Sweet)	Japanese beetle	2 pts.	Do not apply within 5 days of harvest. Injury may occur in the whorl or to the silks.
Cucumbers	Aphids, Pickleworms, Spider mites	1½ - 2 pts.	Do not apply to cucumbers unless plants are dry. Do not apply within 1 day of harvest.
	Squash vine borer	3 pts.	
	Cucumber beetle, Leaf miner	2 pts.	
Dandelion, Parsley, Parsnip, Swiss Chard, Watercress	Aphids	1½ - 2 pts.	Do not apply within 21 days of harvesting parsley or within 7 days of harvesting dandelion, parsnip, Swiss chard or watercress.
Eggplant	Aphids, Spider mites	1 pt.	Do not apply within 3 days of harvest.
	Lacebugs	3 pts.	
Endive	Aphids, Spider mites	1½ - 2 pts.	Do not apply within 7 days of harvest.
Garlic, Shallots	Aphids, Thrips	1½ - 2 pts.	Do not apply within 3 days of harvest.
Hops	Aphids, Spider mites	1 pt.	Do not apply within 10 days of harvest.
Kale	Aphids, Cabbage looper, Imported cabbageworm	1 - 2 pts.	Do not apply within 7 days of harvest. 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.
	Webworm, Diamondback moth	2 pts.	
Kohlrabi	Aphids	1 - 2 pts.	Do not apply within 7 days of harvest.
	Cabbage looper, Diamondback moth, Imported cabbageworm, Webworm	2 pts.	
Leeks	Aphids	1½ - 2 pts.	Do not apply within 3 days of harvest
	Onion maggot flies	2½ pts.	
	Thrips	3 pts.	
Lentils	Cowpea aphid, Pea aphid	1½ pts.	Do not apply within 3 days of harvest. Grazing/feeding of treated crop foliage is prohibited.
Lettuce	Aphids, Leafhoppers, Spider mites	2 pts.	Do not apply within 7 days of harvesting head lettuce or within 14 days of harvesting leaf lettuce.
	Cabbage looper	3 pts.	
Melons(Cantaloupe, Casaba, Crenshaw, Honey Balls, Honey Dew Melons, Muskmelons, Persian Melons and hybrids of these, Watermelons and their hybrids)	Aphids, Spider mites	1½ - 2 pts.	Do not apply to melons unless plants are dry. Do not apply within 1 day of harvest.
	Cucumber beetles	2 - 3 pts.	
	Leaf miners	2 pts.	
	Leafhoppers	1½ - 2 pts.	
	Pickleworms	2 pts.	
	Squash vine borer	3 pts.	
Mushrooms	Mites, Phorid and Sciarid flies	2½ pts. in 130 gallons of water, or 2 tablespoons in 3 gallons of water per 1000 sq. ft. of bed	Make thorough applications as soon after picking as possible. Repeat applications as necessary, usually twice a week. Do not apply within 1 day of harvest.

Crop	Pests Controlled	Rate/A	Interval (Days) Between Last Application and Harvest
Mustard Greens	Aphids, Cabbage looper, Imported cabbageworm	2 pts.	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.
	Flea beetles	1½ - 2 pts.	
Okra	Aphids	1½ - 2 pts.	Do not apply within 1 day of harvest. Make no application after pods start to form.
	Japanese beetle	2 pts.	
Onions (Bulb and Green)	Onion maggots	1½ - 2½ pts.	Do not apply within 3 days of harvest.
	Onion thrips	1½ - 2 pts.	
Peas	Aphids	1½ - 2 pts.	Do not apply within 3 days of harvest. Grazing/feeding of treated crop foliage is prohibited.
	Grasshoppers	2 pts.	
	Leafhoppers	1¼ - 4 pts.	
Peppermint, Spearmint	Aphids, Flea beetles, Leafhoppers, Spider mites	1½ pts.	Do not apply within 7 days of harvest.
Peppers (Bell)	Aphids	1 - 2½ pts.	Do not apply within 3 days of harvest.
	Pepper maggots	2½ pts.	
Potatoes (White)	Aphids, Grasshoppers, Leafhoppers	2 pts.	May be applied on the day of harvest.
	False chinch bugs	1½ pts.	
	Mealybugs	2 - 2½ pts.	
Pumpkins	Aphids, Pickleworms, Spider mites	2 pts.	Do not apply to pumpkins unless plants are dry. Do not apply within 3 days of harvest.
	Leafhoppers	1½ - 2 pts.	
	Cucumber beetles, Squash vine borer	3 pts.	
Radish, Horseradish	Aphids	1½ - 2 pts.	Do not apply within 7 days of harvest.
Rice	Rice leaf miner	2½ pts.	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. Make first application shortly after the first blades appear on the surface of the water and repeat if necessary. Do not apply within 7 days of harvest.
	Rice stink bugs	1 - 1½ pts.	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. Apply by airplane in 2 gallons of water per acre during the early milk and dough stage of growing rice. Repeat applications as necessary. Do not apply within 7 days of harvest.
Rutabaga	Aphids	1½ pts.	Do not apply within 3 days of harvest.
Spinach	Aphids, Leafhoppers	2 pts.	Do not apply within 7 days of harvest.
Squash	Aphids, Leafminers, Spider mites, Pickleworm	2 pts.	Do not apply to squash unless plants are dry.
	Cucumber beetles, Squash vine borer	3 pts.	Do not apply within 1 day of harvest.
Strawberries	Aphids, Spider mites	1½ pts.	Do not apply within 3 days of harvest.
	Field crickets, Lygus bugs, Spittlebugs, Thrips	1½ - 3 pts.	
	Potato leafhopper, Strawberry leafroller, Strawberry root weevil, Whiteflies	1½ - 2½ pts.	
Sweet Potatoes	Leafhoppers	1½ - 2 pts.	Do not apply within 3 days of harvest.
	Morningglory leaf miner	2½ - 3 pts.	

Crop	Pests Controlled	Rate/A	Interval (Days) Between Last Application and Harvest
Tomatoes	Aphids	1½ pts.	Do not apply within 1 day of harvest.
	Drosophila	2½ pts.	
	Spider mites	1½ pts.	
	Armyworms, Fruitworms (California only)	2¼ qts.	Do not apply within 3 days of harvest.
Turnip	Aphids, Cabbage looper, Imported Cabbageworm	1 - 2 pts.	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.

VEGETABLES GROWN IN COMMERCIAL GREENHOUSES: Apply to give complete coverage

Crop	Pests Controlled	Rate/100 gals.	Interval (Days) Between Last Application and Harvest
Cucumbers	Aphids, Armyworms, Cabbage loopers, Earwigs, Garden fleahoppers, Mealybugs, Spider mites, Thrips, Whiteflies	1½ - 2 pts.	Spray plants thoroughly. Do not apply to cucumber unless plants are dry. Do not apply within 1 day of harvest.
Endive	Aphids, Armyworms, Cabbage loopers, Serpentine leaf miners, Thrips, Whiteflies	1½ - 2 pts.	Spray plants thoroughly. Do not apply within 7 days of harvest.
Lettuce	Aphids, Armyworms, Cabbage loopers, Serpentine leaf miner, Thrips, Whiteflies	1½ - 2 pts.	Spray plants thoroughly. Do not apply within 14 days of harvesting head lettuce.
Tomato	Aphids, Armyworms, Cabbage loopers, Cutworms, Drosophila, Garden fleahoppers, Mealybugs, Serpentine leaf miners, Spider mites, Thrips, Tomato russet mites, Whiteflies	1½ - 2 pts.	Spray plants thoroughly. Do not apply within 1 day of harvest.

FRUIT AND NUT

Crop	Pests Controlled	Rate/100 gals.	Rate/A	Interval (Days) Between Last Application and Harvest
Apricots	Aphids, Codling moth, European fruit lecanium, Orange tortrix, Soft brown scale, Terrapin scale	1½ - 2 pts.	4½ - 6 pts.	Do not apply within 7 days of harvest.
The rate for use on apricots is based on a standard of 300 gallons per acre dilute spray for mature trees.				
Avocado	Greenhouse thrips, Latania scale, Omnivorous looper, Orange tortrix, Soft brown scale	1½ pts.	7½ pts.	Do not apply within 7 days of harvest.
The rate for use on avocado is based on a standard of 500 gallons per acre dilute spray for mature trees.				
Blackberry, Boysenberry, Dewberry, Loganberry, Raspberry	Aphids, Rose scale chafers, Japanese beetle, Leafhoppers, Mites, Thrips	1½ pts.	3 pts.	Do not apply within 1 day of harvest.
The rate for use on brambles are based on a standard of 200 gallons per acre dilute spray.				

Crop	Pests Controlled	Rate/100 gals.	Rate/A	Interval (Days) Between Last Application and Harvest
Blueberries	Blueberry maggots	1 pt. + 1½ qts. Staley's Sauce Base No. 7	—	For use in the Northeast only. Apply in 100 gallons of water per acre. Do not apply within 8 hours of harvest.
	Cherry fruitworm	1 pt.	2 pts.	Do not apply within 1 day of harvest.
	Cranberry fruitworm	1 pt.	2 pts.	Make first application at egg hatch and repeat applications every 4 or 5 days until a total of four applications has been made. Do not apply within 1 day of harvest.
	Japanese beetle	¾ pt.	1½ pts.	Make application when first berries turn blue and at 10 days intervals as long as infestation persists. Do not apply within 1 day of harvest.
The rates for use on blueberries are based on a standard of 200 gallons per acre dilute spray.				
Cherry (Sweet and Tart)	Black cherry aphid, Fruitree leafroller	1½ pts.	6 pts.	Do not apply within 3 days of harvest.
	Cherry fruit fly, Japanese beetle	1 pt.	4 pts.	
The rates for use on cherries are based on a standard of 400 gallons per acre dilute spray for mature trees. Do not apply more than 8 lbs. of actual MALATHION per acre to cherry trees. Injury may occur on certain varieties of sweet cherries, particularly in the Northwest.				
Citrus Grapefruit Kumquat Lemon Lime Orange Tangerine Tangelo	Black scale (single and off-brooded), California red scale, Citricola scale, Purple scale, Soft brown scale, Tangelo Yellow scale	1 - 1½ pts.	—	Do not apply when trees are in bloom. Do not apply within 7 days of harvest.
	Florida purple scale, Florida red scale	2 pts.	—	
	Citrus red mites, Thrips	—	2½ pts.	Apply in 200 gallons of water per acre. Do not apply when trees are in bloom. Do not apply within 7 days of harvest.
The rate for use on citrus is based on a standard of 500 gallons per acre dilute spray for mature trees.				
Currants, Gooseberries	Japanese beetles	1½ pts.	3 pts.	Do not apply within 3 days of harvest.
	Rose chafers, Mites	1 pt.	2 pts.	
The rates for use on currants and gooseberries are based on a standard of 200 gallons per acre dilute spray.				
Figs	Dried fruit beetles, Vinegar flies	—	2 qts. + 1 - 2 gals. unsulfured molasses	Do not apply within 3 days of harvest.
Grapes	Leafhoppers, Spider mites	1½ pts.	3 pts.	Do not apply within 3 days of harvest.
	European fruit lecanium	1½ pts.	—	Make full coverage applications when newly hatched nymphs are migrating over vines, usually shortly after bloom. Do not apply within 3 days of harvest.
	Mealybugs	—	1½ pts.	Apply in 50-100 gallons of water per acre. Do not apply within 3 days of harvest.
The rates for use on grapes are based on a standard of 200 gallons per acre dilute spray. Injury may occur on grapes of Almeria, Cardinal, Italia and Ribier varieties with sprays containing MALATHION are applied after clusters appear.				
Grape Vines (Over-wintering on nursery stock only)	Grape phylloxera	3 pts.	—	Remove excess soil from the roots and dip in the MALATHION solution. Submerge the entire root system for 5 minutes. Keep the solution agitated at all times.
Macadamia Nuts	Green stink bugs	1½ pts.	—	Apply when insects start to feed on the nuts and repeat as necessary. May be applied during harvest.
No more than 15 lbs. of actual MALATHION per acre should be applied to macadamia nut trees.				

Crop	Pests Controlled	Rate/100 gals.	Rate/A	Interval (Days) Between Last Application and Harvest
Nectarines	Spider mites	1 - 2 pts.	3 - 6 pts.	Do not apply within 7 days of harvest.
	Plum curculio	2 pts.	6 pts.	
The rate for use on nectarines is based on a standard of 300 gallons per acre dilute spray for mature trees. MALATHION may cause fruit spotting on nectarines.				
Papaya	Aphids	1½ - 2 pts.	—	May be applied on the day of harvest.
Peaches	Black cherry aphid, Black peach aphid, European red mite, Green peach aphid, Rusty plum aphid, Japanese beetle, Spider mites	1 pt.	3 pts.	Do not apply within 7 days of harvest.
	Oriental fruit moth, Plum curculio	2 pts.	3 qts.	
	Cottony peach scale, European fruit lecanium, Terrapin scale	2 pts.	—	Make full coverage applications at completion of hatching, about the last of June. Do not apply within 7 days of harvest.
The rates for use on peaches are based on a standard of 300 gallons per acre dilute spray for mature trees. Do not apply more than 9 pounds of actual MALATHION per acre to peach trees.				
Pecans	Aphids, Spider mites, Walnut aphid	1½ - 2 pts.	7½ - 10 pts.	May be applied on the day of harvest.
	Pecan Phylloxera	1¼ pts.	6¼ pts.	Apply when buds begin to develop and repeat as necessary. May be applied on the day of harvest.
	Pecan nut casebearer, Walnut husk fly	1¼ pts.	6¼ pts.	Apply after first generation eggs begin to hatch. May be applied on the day of harvest.
The rates for use on pecans are based on a standard of 500 gallons per acre dilute spray for mature trees 25-35 feet high.				
Walnuts	Aphids, European red mite, Walnut aphid	½ pt.	1½ - 3 pts.	May be applied on the day of harvest.
	Walnut husk fly	½ pt.	1½ - 3 pts.	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 MALATHION. May be applied on the day of harvest.
		—	—	3 - 4 pts.

FIELD CROPS AND PASTURE AND RANGE GRASSES

Crop	Pests Controlled	Rate/A	Interval (Days) Between Last Application and Harvest
Alfalfa	Alfalfa weevil larvae, Aphids, Grasshoppers, Lygus bugs, Potato leafhoppers, Spider mites, Spittlebugs, Stink bugs	1½ - 2 pts.	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. May be applied on the day of harvest.
	Armyworms	2 pts.	
	Clover leaf weevil	1½ pts.	
	Vetch bruchid	2 - 2½ pts.	
Clover	Alfalfa weevil larvae, Aphids, Grasshoppers, Lygus bugs, Potato leafhoppers, Spider mites, Spittlebugs	1½ - 2 pts.	Do not apply to the bloom. May be applied on the day of harvest.
	Armyworms	2 pts.	
	Clover leaf weevil	1½ pts.	

Crop	Pests Controlled	Rate/A	Interval (Days) Between Last Application and Harvest
Corn (Field, Grain or Forage)	Aphids, Corn earworm, Corn rootworm adults, Grasshoppers, Sap beetle, Thrips	1½ pts.	For control of corn earworm and sap beetles, begin treatments when 10% of the ears show silk. Repeat applications at 3-5 day intervals until 4 - 5 applications have been made. Do not apply within 5 days of harvest or forage use.
	Armyworms	1½ - 2 pts.	
Injury may occur in the whort and silk stages with MALATHION.			
Cotton	Brown cotton leafworm, Cotton aphid, Cotton leafworm, Cotton leafperforator, Desert spider mite, Leafhoppers, Lygus bugs, Thrips, Whiteflies	½ - 2 pts.	May be applied on the day of harvest. Consult local agricultural authorities for exact time of application.
	Boll weevil	2 - 4 pts.	
	Aphids, Cotton fleahoppers, Spider mites	1 - 1½ pts.	Grazing/feeding of treated crop foliage is prohibited.
	Fall armyworms, Garden webworms, Grasshoppers	1½ - 3 pts.	
	Lygus bugs, Thrips	1 - 4 pts.	
Grasses (Barnyardgrass, Carnarygrass, Fescue, Orchardgrass, Red top, Timothy, Yellow foxtail)	Cereal leaf beetle	1 - 1½ pts.	May be applied on the day of harvest or grazing.
Pasture and Range Grass, and Grass Hay	Aphids, Grasshoppers, Leafhoppers	1½ - 2 pts. OR 1½ pts. in 1 gal. of diesel fuel oil per acre	May be applied on the day of harvest or grazing.
	Armyworms	2 pts. OR 1½ pts. in 1 gal. of diesel fuel oil per acre	
Small Grains (Barley, Oats, Rye, Wheat)	Cereal leaf beetle	1 - 1½ pts.	Do not apply within 7 days of harvest or forage use.
	English grain aphids, Grasshoppers, Greenbugs	1½ pts.	
	Winter grain mite	2 pts.	
Sorghum	Greenbugs	1½ pts.	Do not apply within 7 days of harvest. Grazing/feeding of treated crop foliage is prohibited.
Vetch	Omnivorous leaf tier, Pea aphid, Vetchbruchid	1½ - 2 pts.	May be applied on the day of harvest or grazing.

FLY AND MOSQUITO CONTROL - Outdoor Use Only

Fly Control: For use around buildings which house domestic animals, around yards, homes and meat and food-processing plants.

Pests Controlled	Rate	Directions For Use
Adult flies	Straight Sprays: 5 Tablespoons + 1 gal. water OR 1 cup + 2½ gal. water OR 1 quart + 12 gals. water	Apply as a spray at the rate of 1 gallon per 1,000 sq. ft. on painted surfaces and 2 gals. per 1,000 sq. ft. on unpainted surfaces where flies alight or congregate, such as fences, around garbage cans, etc.
Adult flies, Fly maggots	Bait Sprays: 5 Tablespoons + 7 Tablespoons sugar or molasses (unsulfurized) or corn syrup + 1 gal. water OR 1 cup sugar or molasses (unsulfurized) or corn syrup + 2½ gal. water 1 quart + 2½ lbs. sugar or 1 quart molasses(unsulfurized) or 1 quart corn syrup + 12 gal. water	Apply as a bait spray over the surface of manure or poultry droppings. For effective control fly-breeding sites such as manure and other waste material, should be eliminated. Do not apply to freshly whitewashed surfaces. Wait 14 days after whitewashing before applying.

Repeat applications as necessary.

Avoid contamination of milk equipment and water.

Avoid contamination of feed and food products, also drinking fountains and feed troughs.

Avoid applying oil-based formulations to valuable ornamental plants as injury may occur.

Pests Controlled	Rate	Directions For Use
Mosquito larvae	13 fl. oz. per acre	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. For use in standing water (intermittently flooded areas, stagnant water, temporary rain pools). Mix in sufficient water or oil when applied by air or ground equipment.
Mosquito adults	1 part to 28 parts water, fuel oil or diesel oil	Spray building foundations, shrubs, low trees and lawn areas.

OUTDOOR ORNAMENTALS

Including ornamental flowering plants, ornamental nursery stock, ornamental woody plants, pine seed orchards, and uncultivated non-agricultural areas, and Christmas tree plantations.

Flowers, Shade Trees, Shrubs

Injury may occur on Ferns, Hickory, Viburnum, Lantana, Crassula and Canareti Juniper following the use of PRENTOX 5 LB MALATHION SPRAY, slight injury has also been reported on Boston, Pteris, and Maidenhair Ferns, Petunias, Small-Leaf Spirea, White Pine and Maples, under extreme heat, drought and disease conditions the emulsifiable concentrates may cause slight damage to elms.

Pest	Rate	Remark
Aphids, Spider Mites	1½ pts. per 100 gals. OR 2 teaspoons per gal.	—
Bagworms, Birch leaf miner, Boxwood leaf miner	2 pts. pr 100 gals. OR 2 teaspoons per gal.	—
European pine shoot moth, Four-lined leaf bug, Japanese beetle adult, Potato leafhopper, Rose leafhopper, Tarnished plant bug, Thrips	1½ pts. per 100 gals. OR 2 teaspoons per gal.	—
Lace bug	1 pt. per 100 gals. OR 2 teaspoons per gal.	—
Mealybugs, Whiteflies	1½ pts. per 100 gals. OR 2 teaspoons per gal.	—
Oak kermes	2 pts. per 100 gals. OR 2 teaspoons per gal.	Apply when scale crawlers have settled on foliage.
Tent caterpillar	2 pts. per 100 gal. OR 2 teaspoons per gal.	—
Oyster shell scale	1 pt. per 100 gals. OR 2 teaspoons per gal.	Apply when scale crawlers have settled on foliage.
Euonymus scale, Scurfy scale	1½ pts. per 100 gal. OR 2 teaspoons per gal.	—
Azalea scale, Magnolia scale, Pine leaf scale	2 pts. per 100 gals. OR 2 teaspoons per gal.	—
Fletcher scale	2 pts. per 100 gals OR 2 teaspoons per gal.	Apply when scale crawlers have settled on foliage.
Florida red scale, Juniper scale	2 pts. per 100 gals. OR 2 teaspoons per gal.	Apply when scale crawlers have settled on foliage.
Black scale crawlers, Soft brown scale	2¼ pts. per 100 gals. OR 2 teaspoons per gal.	—
Monterey pine scale	2¼ pts. per 100 gal. OR 2 teaspoons per gal.	—
Pine needle scale	4 pts. per 100 gals. OR 4 teaspoons per gal.	—
Wax scale	4 pts. per 100 gals. OR 4 teaspoons per gal.	Apply in spring when crawlers are active. Repeat 1 or 2 full coverage applications at 10 day intervals.

ORNAMENTAL LAWNS AND TURF AROUND THE HOME

Site	Pest	Rate	Remarks
Around greenhouses and gardens	Millipedes, Sawbugs, Springtails	1 tsp./gal.	Apply to 150 square feet of soil or where insects congregate. Repeat at 7 to 10 day intervals as needed.
Lawns	Ant mounds	1½ pts./100 gals.	Spray ant hills thoroughly so that they are well soaked. For other small ants in flower beds, lawns, around trees, spray lightly in the infested areas. Repeat in 10 to 15 days if ants return.
	Ground pearls	3 to 4 qts./100 gals.	Make full coverage to soil surface when ground pearl nymphs are in the pink, "crawler" or active stage and immediately wash into soil with additional water.

Do not allow children in treated areas until surface is dry.

ON AND AROUND CULL FRUIT AND VEGETABLE DUMPS

Pest	Rate	Remarks
Drosophila flies, Dried fruit beetles	1½ gals. per 100 gals. of water	Apply as a drench using 8 to 10 gals. of spray per 100 sq. ft. For best results, dumps should not be over 18 inches deep. DO NOT FEED TREATED FRUIT AND VEGETABLES.

STORED GRAIN FACILITIES

Residual Spray Before Storing Barley, Corn, Oats, Rye or Wheat

PESTS CONTROLLED	RATE	DIRECTIONS
Cereal Leaf Beetle, Confused Flour Beetle, Flat Grain Beetle, Granary Weevil, Indian Meal Moth, Lesser Grain Borer, Maize Weevil, Red Flour Beetle, Rice Weevil, Rusty Grain Beetle, Saw-toothed Grain Beetle	8 pints/25 gal. water	Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweeping and debris. For a residual wall, floor and machinery spray in grain elevators, truck beds, box cars and ships' hold, before loading grain, make a thorough application.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Causes eye irritation. Do not get in eyes, on skin, or on clothing. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans. Use only with adequate ventilation. After using this product in stored grain facilities, ventilate thoroughly before occupying enclosed spaces.

Personal Protective Equipment: 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. Applicators and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton, shoes plus socks, and protective eyewear. 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 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. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is 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. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. 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.

PHYSICAL OR CHEMICAL HAZARDS

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

For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

10 7 13

Adhesive Panel

KEEP THIS BOOKLET WITH CONTAINER AT ALL TIMES



5 LB. MALATHION SPRAY

ACTIVE INGREDIENTS:

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

*Contains Xylene Range Aromatic Solvent.
PRENTOX® - Registered Trademark of Prentiss Incorporated

**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 this label, find someone to explain it to you in detail.)

**FIRST AID
ORGANOPHOSPHATE**

If swallowed — Drink promptly a large quantity of milk, egg whites, or gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Do not induce vomiting as it may cause aspiration pneumonia. **If inhaled** — Remove victim to fresh air. Apply respiration, if indicated. **If on skin** — Wash area immediately with soap and warm water. **If in eyes** — Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes.

See label booklet for additional precautionary statements and complete directions for use.

EPA REG. NO. 655-777

5/99

EPA EST. NO. 655-GA-1

Manufactured by:

PRENTISS INCORPORATED

Plant: Kaolin Road, Sandersville, GA 31082
Office: C.B. 2000, Floral Park, NY 11002-2000

DIRECTIONS FOR APPLICATION THROUGH IRRIGATION SYSTEMS - CHEMIGATION
Prentox® 5 Lb. Malathion Spray, EPA Reg. No. 655-777

Apply Prentox® 5 Lb. Malathion Spray only through sprinkler, including center pivot, lateral move, and low, side (wheel) roll, traveler, big gun, solid set, or hand move; irrigation system(s). Do not apply this product 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 Services specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) 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 the operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATERWAYS

Note: Prentiss Incorporated does not encourage connecting chemigation systems to public water suppliers. The following information is provided for users who have diligently considered all other application and water supply actions before electing to make such a connection.

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.

Chemigation systems connected to public water systems must contain a functional, reduce-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.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination backflow.

Prentiss Incorporated

The pesticide injection must contain a functional, automatic quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Mix in clean supply tank the recommended amount of this product for acreage to be covered, and needed quantity of water.

This product should not be tank-mixed with other pesticides, surfactants or fertilizers unless prior use has shown the combination non-injurious under your conditions of use.

Follow precautionary statements and directions for all tank-mix products.

On all crops, use sufficient gallonage of water to obtain thorough and uniform coverage, but not cause runoff or excessive leaching. This will vary depending on equipment, pest problem and shape of crop growth. Application of more or less than optimal quantity of water may result in decreased chemical performance, crop injury or illegal pesticide residues.

Meter this product into the irrigation water uniformly during the period of operation.

Do not overlap application. Follow recommended label rates, application timing and other directions and precautions for crop being treated.

Continuous mild agitation of pesticide mixture may be needed to assure a uniform application, particularly if the supply tank requires a number of hours to empty.

ALL APPLICABLE RESTRICTIONS, PRECAUTIONS, AND DIRECTIONS ON THE EPA REGISTERED PRODUCT LABEL MUST BE FOLLOWED.

Telephone: 516-326-1919