

MALATHION

CONTAINS 5 LBS. MALATHION PER GALLON

2217-520
10-25-89
10/27
PM 16

ACTIVE INGREDIENTS:

Malathion: O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate	55.2%
INERT INGREDIENTS	44.8%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention.

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention.

NOTE TO PHYSICIAN: Malathion upon repeated, prolonged or careless exposure may cause cholinesterase inhibition. Atropine is antidotal. Aromatic solvent may present aspiration hazard. Gastric lavage is indicated if product was swallowed.

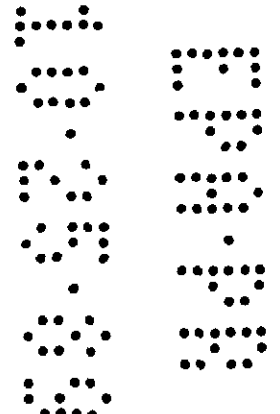
See Side Panels for Additional Precautions

NET CONTENTS	GALLONS
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/1089 AP

EPA REG. NO. 2217-520
EPA EST. NO. 2217-KS-x

Mfd by PBI/GORDON CORPORATION
KANSAS CITY, KS 66118



STOP! READ THE ENTIRE LABEL FIRST.
OBSERVE ALL PRECAUTIONS AND
FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Harmful if swallowed. Avoid breathing spray mists or vapors. Avoid contact with skin. Thoroughly wash after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Do not treat areas frequented by children and do not allow children in treated areas until the spray has dried. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

NOTE TO PHYSICIAN: Malathion upon repeated, prolonged or careless exposure may cause cholinesterase inhibition. Atropine is antidotal.

Environmental Hazards

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes). 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.

DIRECTIONS FOR USE

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

STORAGE & DISPOSAL

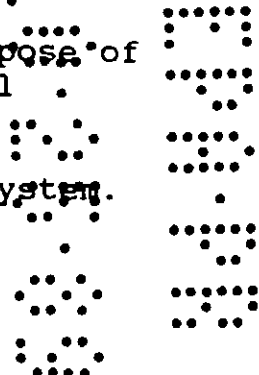
STORAGE: Store in original container in a locked storage area inaccessible to children or pets. Keep separate from other pesticides, from fertilizers, food, or feed during storage to prevent cross-contamination.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or 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 dispose of in a sanitary landfill or by other approved State and local procedures.

Do not apply this product through any type of irrigation system.

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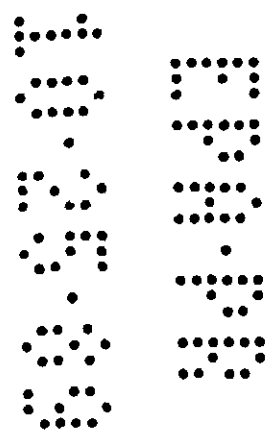


Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

MALATHION contains 5 lbs. Malathion per gallon and is formulated to enable the user to prepare dilutions of varying concentrations. The amount of water depends upon the type of spray equipment used, the amount of vegetation and the pest to be controlled. The amount of Malathion used should conform to the recommendations given, regardless of the amount of water necessary to obtain proper and even coverage of the area or plants to be sprayed.

3/1/7

CROPS AND INSECTS	RATE PER ACRE	INTERVAL (Last Spray to Harvest)
COTTON -- Boll Weevil	1-2 Qts.	-----***
Desert Spider Mite, Cotton Aphid, Leafhoppers, White Flies, Brown Cotton Leafworm, Cotton Leaf Perforator, Thrips, Lygus Bug	1½-2 Pts.	-----***
ALFALFA & CLOVER -- Aphids, Potato Leafhopper, Spider Mites, Alfalfa Weevil Larvae, Spittlebug, Grasshoppers, Spotted Alfalfa Aphid, Lygus Bug. Do not apply during full bloom. Use higher rates for taller alfalfa and clover.	1½-2 Pts.	7 days***
BARLEY, OATS, RYE, WHEAT (Grain forms) English Grain Aphid, Greenbugs, Cereal Leaf Beetle Apply as needed and use in sufficient water for good coverage.	1½-2 Pts.	7 days
Armyworms	2 Pts.	7 days
PEPPERMINT, SPEARMINT -- Aphids, Spider Mites, Leafhoppers Use in sufficient water for good coverage.	1½ Pts.	7 days
RICE (Grain form) -- Rice Leaf Miner Apply soon after first rice plants appear on surface of the water.	2½ Pts.	7 days
Rice Stink Bug Apply by airplane during early milk or dough stage and repeat as necessary. Mix with approximately 3 to 10 gallons per acre, consistent with crop growth and good coverage.	1-1½ Pts.	7 days
SUGAR BEETS -- Aphids, Spider Mites Apply as needed and repeat if necessary. Do not use within 7 days of harvest if tops are to be used for feed.	1½-2 Pts.	



TOBACCO -- Aphids (Field) Plant Beds, 2 pts. per 100 gals. of water but not within 3 days of transplanting. Apply at the rate of 5 gals. of finished spray per 100 sq. ft.	1-1½ Pts.	7 days***	
ASPARAGUS -- Thrips Apply on foliage as needed.	1½-2 Pts.	1 day	407
BEANS -- Mexican Bean Beetles, Leaf- hoppers, Spider Mites, Japanese Beetle	1½-2 Pts.	1 day***	
BEETS -- Aphids	1½-2 Pts.	7 days***	
BRUSSELS SPROUTS, CAULIFLOWER, CABBAGE, BROCCOLI, KALE, KOHLRABI, TURNIP, MUSTARD GREENS, CARROTS -- Aphids, Imported Cabbage Worm, Cabbage Looper, Leafhoppers	1½-2 Pts.	7 days***	
CELERY -- Aphids, Spider Mites	1½ Pts.	7 days***	
COLLARDS, SWISS CHARD, PARSLEY -- Aphids	1½-2 Pts.	7 days***	
CUCUMBERS, SQUASH, MELONS, PUMPKINS* -- Aphids, Spider Mites, Pickleworm, Cucumber Beetles Squash Vine Borer Do not apply to cucurbits unless plants are dry.	1½ Pts. 3 Pts.	1 day*** *3days 1 day*** *3days	
EGGPLANT, PEPPERS--Aphids, Spider Mites Lace Bug, Pepper Maggots	1 Pt. 3 Pts.	3 days*** 3 days	
LETTUCE, SPINACH -- Aphids, Mites, Cabbage Looper, Leafhoppers Leaf Lettuce -- do not apply within 14 days of harvest.	2 Pts.	7 days***	
ONIONS, GARLIC -- Thrips Onion Maggots	1½ Pts. 2½ Pts.	3 days*** 3 days***	
PEAS -- Pea Aphid, Pea Weevil Apply in early bloom period before eggs are laid and repeat as necessary.	1½-2 Pts.	3 days***	
OKRA -- Aphids, Japanese Beetles Do not apply after pods have started to form.	1½ Pts.		
POTATOES --Aphids, Leafhopper, Mealybugs	1-1½ Pts.	0 days***	
RADISHES, PARSNIPS, SALSIFY, HORSERADISH, RUTABAGAS** -- Aphids	1½-2 Pts.	7 days*** **3 days	
TOMATOES -- Spider Mites, Aphids, Tomato Russet Mite, Drosophila	2½ Pts.	1 day***	

STRAWBERRIES -- Aphids, Spider Mites, 1½ Pts. 3 days***
 Lygus Bugs, Spittlebugs, Field Crickets,
 Potato Leafhopper, Strawberry Leafroller 1½-3 Pts. 3 days***
 Whiteflies
 Strawberry Root Weevil 1½-2½ Pts. 3 days
 Apply and work in the top 6 to 8 inches of soil
 before planting.

Rate per 100 Gals.
 Water Unless
 Otherwise Indicated

APPLES, PEARS, CHERRIES,
 PLUMS & PRUNES

Cover trees completely. Malathion in summer sprays may cause
 injure to McIntosh and Cortland varieties of apples, Bosc Pears
 and certain varieties of sweet cherries.

Wooly Apple Aphid, Mealy Plum Aphid, 1 Pt. 3 days
 Cherry Fruit Fly, Forbes Scale, Bud Moth,
 San Jose Scale
 Green Apple Aphid, Rosy Apple Aphid, 1½ Pts. 3 days
 Black Cherry Aphid, Cherry Fruit Tree
 Leaf Roller, Tent Caterpillar
 Mealybug, European Red Mite, Clover Mite, 2 Pts. 3 days
 Willamette Mite, Two-spotted Mite,
 Codling Moth, Plum Curculio, Red-banded
 Leaf Roller, Pear Psylla, Pear Fruit Tree
 Leaf Roller

Apply as needed and repeat at 10 day intervals until
 insects are controlled.

APRICOTS, PEACHES -- Codling Moth, 1½-2 Pts. 7 days***
 Orange Tortrix, European Lecanium Scale,
 Soft Brown Scale, Aphids
 Green Peach Aphid, Black Cherry Aphid, 1 Pt. 7 days***
 Black Peach Aphid, Rusty Plum Aphid

FILBERTS -- Filbert Aphid, Apple Mealybug, 1 Pt. 0 days***
 Eye-spotted Bud Moth, Scale (Crawlers
 Stage), Thrips

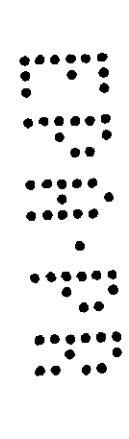
PECANS -- Spider Mites, Aphids 1-2 Pts. 0 days***

GRAPEFRUIT, LEMONS, LIMES, ORANGES,
 TANGERINES, TANGELOS, KUMQUATS
 California Red Scale, Yellow Scale, 1-2 Pts. 7 days***
 Purple Scale, Black Scale (Single
 Brooded), Soft Scale, Citricola Scale
 Florida Red & Purple Scales (light and
 medium infestations). 2 Pts. 7 days***
 Thrips 2½ Pts. per 7 days***

200 Gals. per acre

Do not apply when trees are in bloom.

BLUEBERRIES -- Japanese Beetle 1½ Pts. per 1 day



acre

Apply when first berries turn blue and repeat at 10 day intervals as long as necessary.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES -- Mites, Thrips, Leafhoppers, 1½ Pts. Japanese Beetle		1 day***	(6)
Aphids, Rose Scale	3 Pts. per acre	1 day***	
CRANBERRIES -- Leafhoppers, Blackheaded Fireworm, Spittlebug Nymphs, Cranberry Fruitworm	1½ Pts.	3 days***	
GRAPES -- Leafhoppers, Spider Mites, Mealybugs	1½ Pts.	3 days***	

Injury may occur on Ribier, Italia, Cardinal & Almeria varieties if applied after the cluster stage.

***Apply as needed and repeat as necessary.

CROPS AND INSECTS	Rate per 100 Gals. of water	INTERVAL Last Spray to Harvest
ORNAMENTALS -- Oyster Shell Scale, Lace Bug, Euonymus Scale Aphids, Mealybugs, Spider Mites, Whitefly, Four-lined Leaf Bug, Thrips, Rose Leafhoppers, European Pine Shot Moth, Scurfy Scale, Birch Leaf Miner, Boxwood Leaf Miner, Bagworms, Tent Caterpillar, Azalea Scale, Oak Kermes, Pine Leaf Scale, Magnolia Scale, Fletcher Scale, Florida Red Scale, Juniper Scale, Black Scale Crawlers, Monterey Pine Scale, Soft Scale, Pine Needle Scale	2 1/2 Pts. or 2 teaspoonfuls per gallon of finished spray.	0 days

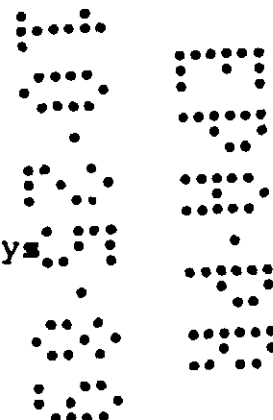
Apply as needed and repeat as necessary. Injury may occur on certain ferns and on some species of Crassula and Canaerti Juniper.

RATE PER ACRE

PASTURE & RANGE GRASS -- Grasshoppers 1½-2 Pts. 7 days
Apply when needed and repeat as necessary.
Do not use on grass hay to be sold commercially.

WASTELANDS, ROADSIDES, SOIL-BANK -- 1½ - 3 Pts.
Grasshoppers
Apply as needed and repeat if necessary before movement to crop areas takes place.

CORN (Grain or Forage) -- Aphids, Sap 1½ Pts. 5 days



Beetles, Thrips, Grasshoppers (Young),
Corn Rootworm Adults, Cereal Leaf Beetle
Repeat as Necessary

RED TOP, TIMOTHY, ORCHARDGRASS, FESCUE,
CANARYGRASS, BARNYARDGRASS,
YELLOW FOXTAIL -- Cereal Leaf Beetle 1½ Pts. 5 days

FLY CONTROL

Use 1 Quart in 12 gallons of water (2 gallons in 100 gallons of water for spraying larger areas) and apply the spray at the rate of 1 gallon per 1000 sq. ft. (Area 25' x 40') on painted surfaces and 2 gallons per 1000 sq. ft. on unpainted surfaces where flies alight or congregate. Addition of sugar at the rate of 2½ lbs. per 12 gallons or 20 lbs. per 100 gallons of finished spray prolongs the insecticidal activity of Malathion and serves as an attractant. Do not use in milk rooms, where edible products are handled or where lactating animals or young calves are present. Avoid contamination of feed, food products, drinking fountains and feed troughs.

LIMITED WARRANTY: Manufacturer warrants that the chemical composition conforms to the ingredient statement given on the label and that this product is suited for the labeled use when applied according to label directions. Because of widely varying use conditions, it is impossible to eliminate all risks even when label directions are followed.

Exclusion of Other Warranties and Remedies. Except where such disclaimers and exclusions are specifically prohibited by applicable law. THE FOREGOING IS THE ONLY GUARANTEE OR WARRANTY APPLICABLE TO THIS PRODUCT AND IS GIVEN EXPRESSLY AND IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES WHICH EXCEED OR DIFFER FROM SAID LIMITED WARRANTY ARE DISCLAIMED BY MANUFACTURER, and, upon Manufacturer's compliance with said limited warranty, BUYER SHALL HAVE NO REMEDY AGAINST MANUFACTURER FOR ANY TYPE OF DAMAGE OR LOSS, and, IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL DAMAGE OR LOSS.

