

Hopkins

5% MALATHION DUST

ACCEPTED
JUL 31 1975
Insecticide
Malathion Act.
EPA Reg. No. 2393-271-AA

ACTIVE INGREDIENT:

Malathion (0, O-dimethyl dithiophosphate of diethyl mercaptosuccinate)

INERT INGREDIENTS:

TOTAL

95%

100%

EPA Reg. No. 2393-271-AA

EPA Est. No. 2393-WI-1

CAUTION

KEEP OUT OF REACH OF CHILDREN

HARMFUL IF SWALLOWED. Avoid breathing dust. Avoid contact with skin. Wash thoroughly after using. Avoid contamination of feed and food.

NOTE TO PHYSICIAN: Malathion may cause cholinesterase inhibition. **ATROPINE IS ANTIDOTAL.**

OBSERVE THE FOLLOWING USE PRECAUTIONS

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

This product is toxic to fish, shrimp and crab. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

In order that pesticidal residues on food and forage crops will not exceed tolerances established by the Federal Food and Drug Administration, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber or pasture crops. **The grower is responsible** for residues on his crops as well as for damages caused by drift from his property to that of others.

Read all label directions before using.

Use only for claims listed and only as specified on the label.

Consult State Agricultural Extension Service or State Agricultural Experiment Stations for additional information such as the timing of application in that need will vary with local conditions.

Do not reuse empty container. Destroy it by burying with waste or burning. Stay away from smoke or fumes.

See Attached Pamphlet for use directions and notice of Warranty

NET WEIGHT

Hopkins Agricultural Chemical Co.

Madison, Wisconsin 53701

POUNDS

DIRECTIONS FOR USE — Apply with suitable dusting equipment such as a shaker, rotary hand duster or comparable equipment.

CROP	Insect Controlled	Dosage Amount	Days to Harvest
Alfalfa			
Alfalfa weevil larvae		30 lbs./A	0
Aphids		30 lbs./A	0
Armyworms		25 lbs./A	0
Leafhoppers		30 lbs./A	0
Spider mites		30 lbs./A	0
Spittlebug		30 lbs./A	0
Spotted alfalfa aphid		12 to 20 lbs./A	0
Vetch bruchid		30 lbs./A	0
Asparagus			
Thrips		20 to 24 lbs./A	1
Beans			
Aphids		25 lbs./A	1
Cucumber beetle		25 lbs./A	1
Japanese beetle		28 lbs./A	1
Leafhoppers		24 to 28 lbs./A	1
Mexican bean beetle		24 to 28 lbs./A	1
Blackberries			
Aphids		35 lbs./A	1
Rose scale		35 lbs./A	1
Blueberries			
Blueberry maggot		20 lbs./A	0
Japanese beetle		20 lbs./A	1
Plum curculio		32 to 40 lbs./A	1
Sharp nosed leafhopper		32 to 40 lbs./A	1
Boysenberries			
Aphids		35 lbs./A	1
Rose scale		35 lbs./A	1
Broccoli			
Aphids		24 lbs./A	3
Cabbage looper		24 lbs./A	3
Caterpillars (cabbage looper, imported cabbage worm)		25 lbs./A	3
Imported cabbage worm		24 lbs./A	3
Cabbage			
Aphids		24 lbs./A	7
Cabbage looper		24 lbs./A	7
Diamond back moth		20 to 24 lbs./A	7
Imported cabbage worm		24 lbs./A	7
Cantaloupes			
Aphids		24 to 28 lbs./A	1
Cucumber beetle		25 lbs./A	1
Leafhoppers		24 to 28 lbs./A	1
Pink worm		16 to 32 lbs./A	1
Spider mites		24 to 28 lbs./A	1
Carrots			
Aphids		24 to 28 lbs./A	7
Leafhoppers		24 lbs./A	7

CROP	Insect Controlled	Dosage Amount
Cauliflower		
Aphids		4
Caterpillars (cabbage looper, imported cabbage worm)		2
Clover		
Aphids		25 to 3
Mites		25 to 3
Collards		
Aphids		24 to 2
Cabbage looper		24 to 2
Caterpillars (cabbage looper, imported cabbage worm)		2
Diamond back moth		24 to 2
Imported cabbage worm		24 to 2
Corn (field, sweet and pop)		
Aphids		3
Corn ear worm		3
San beetle		3
Thrips		3
Cotton		
Aphids		8 to 2
Boll weevil		20 to 4
Cotton leafworm		8 to 2
Fall armyworms		25 to 5
Flies		10 to 2
Garden web worms		25 to 5
Grass hoppers		25 to 5
Leafhoppers		8 to 2
Lygus bugs		8 to 2
Mites		8 to 2
Thrips		8 to 2
White flies		8 to 2
Cucumbers		
Aphids		24 to 2
Cucumber beetles		3
Flies		24 to 2
Spider mites		24 to 2
Dandelions		
Aphids		24 to 2
Dates		
Mealybugs		40
Dewberries		
Aphids		3
Rose scale		3
Endive		
Aphids		24 to 3
Mites		24 to 3
Figs		
Dried fruit beetles		40
Mites		40

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POUNDS

DIRECTIONS FOR USE — Apply with suitable dusting equipment such as a shaker, rotary hand duster or comparable equipment.

CROP	Insect Controlled	Dosage Amount	Days to Harvest
Alfalfa			
	Alfalfa weevil larvae	30 lbs./A	0
	Aphids	30 lbs./A	0
	Armyworms	25 lbs./A	0
	Leafhoppers	30 lbs./A	0
	Spider mites	30 lbs./A	0
	Spittlebug	30 lbs./A	0
	Spotted alfalfa aphid	12 to 20 lbs./A	0
	Vetchbruchid	30 lbs./A	0
Asparagus			
	Thrips	20 to 24 lbs./A	1
Beans			
	Aphids	25 lbs./A	1
	Cucumber beetle	25 lbs./A	1
	Japanese beetle	28 lbs./A	1
	Leafhoppers	24 to 28 lbs./A	1
	Mexican bean beetle	24 to 28 lbs./A	1
Blackberries			
	Aphids	35 lbs./A	1
	Rose scale	35 lbs./A	1
Blueberries			
	Blueberry maggot	20 lbs./A	0
	Japanese beetle	20 lbs./A	1
	Plum curculio	32 to 40 lbs./A	1
	Sharp nosed leafhopper	32 to 40 lbs./A	1
Boysenberries			
	Aphids	35 lbs./A	1
	Rose scale	35 lbs./A	1
Broccoli			
	Aphids	24 lbs./A	3
	Cabbage looper	24 lbs./A	3
	Caterpillars (cabbage looper, imported cabbage worm)	25 lbs./A	3
	Imported cabbage worm	24 lbs./A	3
Cabbage			
	Aphids	24 lbs./A	7
	Cabbage looper	24 lbs./A	7
	Diamond back moth	20 to 24 lbs./A	7
	Imported cabbage worm	24 lbs./A	7
Cantaloupes			
	Aphids	24 to 28 lbs./A	1
	Cucumber beetle	25 lbs./A	1
	Leafhoppers	24 to 28 lbs./A	1
	Pickle worm	16 to 32 lbs./A	1
	Spider mites	24 to 28 lbs./A	1
Carrots			
	Aphids	24 to 28 lbs./A	7
	Leafhoppers	32 lbs./A	7

CROP	Insect Controlled	Dosage Amount	Days to Harvest
Cauliflower			
	Aphids	40 lbs./A	7
	Caterpillars (cabbage looper, imported cabbage worm)	25 lbs./A	7
Clover			
	Aphids	25 to 30 lbs./A	0
	Mites	25 to 30 lbs./A	0
Collards			
	Aphids	24 to 28 lbs./A	7
	Cabbage looper	24 to 28 lbs./A	7
	Caterpillars (cabbage looper, imported cabbage worm)	25 lbs./A	7
	Diamond back moth	24 to 28 lbs./A	7
	Imported cabbage worm	24 to 28 lbs./A	7
Corn (field, sweet and pop)			
	Aphids	30 lbs./A	5
	Corn ear worm	32 lbs./A	5
	San beetle	32 lbs./A	5
	Thrips	32 lbs./A	5
Cotton			
	Aphids	8 to 20 lbs./A	0
	Boll weevil	20 to 40 lbs./A	0
	Cotton leafworm	8 to 20 lbs./A	0
	Fall armyworms	25 to 50 lbs./A	0
	Eleaphoppers	10 to 20 lbs./A	0
	Garden web worms	25 to 50 lbs./A	0
	Grasshoppers	25 to 50 lbs./A	0
	Leafhoppers	8 to 20 lbs./A	0
	Lygus bugs	8 to 20 lbs./A	0
	Mites	8 to 20 lbs./A	0
	Thrips	8 to 20 lbs./A	0
	White flies	8 to 20 lbs./A	0
Cucumbers			
	Aphids	24 to 28 lbs./A	1
	Cucumber beetles	35 lbs./A	1
	Pickleworms	24 to 28 lbs./A	1
	Spider mites	24 to 28 lbs./A	1
Dandelions			
	Aphids	24 to 28 lbs./A	7
Dates			
	Mitridid beetles	40 lbs./A	7
Dewberries			
	Aphids	35 lbs./A	1
	Rose scale	35 lbs./A	1
Endive			
	Aphids	24 to 32 lbs./A	7
	Mites	24 to 32 lbs./A	7
Figs			
	Dried fruit beetles	40 lbs./A	7
	Meadow flies	40 lbs./A	7

CROP	Insect Controlled	Dosage Amount	Days to Harvest
Filberts			
	Apple mealbug	40 lbs./A	0
	Eye spotted bud moth	40 lbs./A	0
	Filbert aphid	40 lbs./A	0
Grapes			
	Drosophila	20 to 33 lbs./A	3
	Leafhoppers	16 to 32 lbs./A	3
	Spider mites	16 to 32 lbs./A	3
Grass and Grass Hay			
	Aphids	30 to 40 lbs./A	0
	Armyworms	30 to 35 lbs./A	0
	Leafhoppers	30 to 40 lbs./A	0
Honeydews			
	Aphids	24 to 28 lbs./A	1
	Cucumber beetle	24 lbs./A	1
	Leafhoppers	24 to 28 lbs./A	1
	Mites	24 to 28 lbs./A	1
	Pickleworm	16 to 32 lbs./A	1
Horseradish			
	Aphids	24 to 28 lbs./A	7
Kale			
	Aphids	24 lbs./A	7
	Cabbage looper	24 lbs./A	7
	Imported cabbage worm	24 lbs./A	7
Kohlrabi			
	Aphids	24 lbs./A	7
Lettuce			
	Aphids	24 lbs./A	Leaf 14 Head 7
	Cabbage looper	24 to 32 lbs./A	Leaf 14 Head 7
	Leafhoppers	24 lbs./A	Leaf 14 Head 7
	Mites	24 to 32 lbs./A	Leaf 14 Head 7
Loganberries			
	Aphids	35 lbs./A	1
	Rose scale	35 lbs./A	1
Melons			
	Aphids	24 to 28 lbs./A	1
	Cucumber beetle	24 lbs./A	1
	Leafhoppers	24 to 28 lbs./A	1
	Pickleworm	16 to 20 lbs./A	1
	Spider mites	24 to 28 lbs./A	1
Mint			
	Adult flea beetle	20 lbs./A	7
	Caterpillars (cabbage looper, imported cabbage worm)	20 lbs./A	7
Mushrooms			
	Phonid and scabid flies	8 to 12 lbs./A or 2 lbs. per 60 ft on 20 berries	1

