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4-93 PM-12

BONIDE®

MANY PURPOSE SPRAY

For

FLOWERS - FRUIT - ORNAMENTALS
Concentrated Powder for Spray Application

per self Cont
1937
4-93

EPA Est. 4-NY-1

EPA Reg. No. 4-93

ACTIVE INGREDIENTS:

- *Captan N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide..... 9.8%
- Related Derivatives2%
- 2,4-Dinitro-6-octyl**phenyl crotonate..... 1.16%
- 2,6-Dinitro-4-octyl**phenyl crotonate..... .05%
- Nitrooctyl* phenols (principally) dinitro..... .08%
- Malathion-0,0-Dimethyl dithiophosphate of diethyl mercaptosuccinate..... 7.50%
- **Methoxychlor, Technical..... 15.00%

INERT INGREDIENTS:..... 66.26%

- *N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
- **A mixture of 1-methylheptyl, 1-ethylhexyl, and 1-propylpentyl isomers.
- ***Equivalent to 13.2% 2,2-bis(p-Methoxyphenyl)-1,1,1-Trichloroethane and 1.8% other isomers and related compounds.

KEEP OUT OF REACH OF CHILDREN

DANGER

See Side Panel for Additional Precautionary Statements.

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BONIDE MANY PURPOSE SPRAY, EPA Reg. No. 4-93PRECAUTIONARY STATEMENTSHAZARDS TO HUMANS AND DOMESTIC ANIMALS - DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Remove and separately launder clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Call a physician.

If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol.

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from you Cooperative Agricultural Extension Service.

DIRECTIONS FOR USE

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

USE PRECAUTIONS

Wear goggles or face shield when handling. Remove contaminated clothing and separately launder clothing before reuse.

Wear chemical resistant gloves when using indoors or outdoors. When using wear long pants and long-sleeved shirt and apply with the wind to your back. Wash non-disposable gloves thoroughly with soap and water before removing.

Do not use with oil, oil based sprays, liquid lime sulphur, or when temperatures exceed 90° F as leaf burn may result.

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BONIDE MANY PURPOSE SPRAY, EPA Reg. No. 4-93

USE OF PRODUCT

This product is a powder that is easily mixed with water and used as a spray to control aphids, mealy bugs, spider mites, two spotted mites, codling moths, white flies, tent caterpillars, scales, spittle bug nymphs, Japanese beetles, leafhoppers, flea beetles, thrips, armyworms, black spot, powdery mildew, scab, Brooks fruit spot, and fly speck. This product may be used on roses, asters, carnations, chrysanthemums, dahlia, larkspur, delphinium, ornamentals (such as Hydrangea, Azalea, Juniper) and fruits listed on the table below. Shake can to loosen powder. For listed flowers and ornamentals mix at the rate of 2 1/4 heaping tablespoons per gallon of water. Put powder into jar and add water to make a thin paste. Strain to remove lumps, and pour into sprayer. Fill sprayer with the desired amount of water. Apply thoroughly to both tops and undersides of leaves to the point of run-off. Shake sprayer occasionally to keep mixture from settling. For fruit, follow recommendations on the table below.

FRUIT	INSECTS/DISEASES	SPRAY CHART								
		DORMANT	GREENTIP	PRE-BLOOM	FULL PINK	BLOOM	PETAL FALL	1ST COVER	2ND COVER TO HARVEST	
APPLE	apple maggot, codling moth, Jap beetle, aphoppers, plum curculio, aphids, bud moth, Fehrs scale, red banded leaf roller, mites	Dormant sprays are recommended. Use Bonide Dormant Oil up to 7 days before Green Tip application.	1 heaping lbs.	2 heaping lbs.	2 heaping lbs.	Don't spray pollinators. Use Bonide Sulphur Fungicide alone for disease.	2 heaping lbs.	2 heaping lbs.	2 heaping lbs.	
	bitler rot, black rot, froggy leaf spot, Jack pine, botryospheria (white rot), botrytis rot, bulleye rot, Brooks fruit spot, Rhyssalus, cedar rust, quince rust, scab, sooty blotch, eastern tent caterpillar		Repeat at 10 day intervals up to 7 days before harvest	3 lbs.	3 lbs.		3 lbs.	3 lbs.	3 lbs.	3 lbs.
plum curculio, orange tortrix, aphids	1 heaping lbs.		2 heaping lbs.	2 heaping lbs.	Repeat at 10 day intervals up to 21 days before harvest		2 heaping lbs.	2 heaping lbs.	2 heaping lbs.	
APRICOT	brown rot, twig blight, jacket rot		2 lbs.	4 lbs.			4 lbs.	4 lbs.	4 lbs.	4 lbs.
	codling moth, European fruit lecanium scale		3 lbs.	6 lbs.	6 lbs.		6 lbs.	6 lbs.	6 lbs.	
	soft brown scale		1 heaping lbs.	2 heaping lbs.	2 heaping lbs.		Repeat at 10 day intervals up to 21 days before harvest	2 heaping lbs.	2 heaping lbs.	2 heaping lbs.
CHERRY	cherry fruit flies, cherry fruit worms, black cherry aphid, bud moth, Jap beetle, plum curculio		2 lbs.	4 lbs.	4 lbs.			4 lbs.	4 lbs.	4 lbs.
	botrytis rot, brown rot, leaf spot		1 heaping lbs.	2 heaping lbs.	2 heaping lbs.		Repeat at 10 day intervals up to 21 days before harvest	2 heaping lbs.	2 heaping lbs.	2 heaping lbs.
	fruit tree leaf roller		2 lbs.	4 lbs.	4 lbs.			4 lbs.	4 lbs.	4 lbs.
PEACH*	plum curculio, Jap beetle, spider mite, oriental fruit moth, European fruit lecanium, tarsonid, collared peach scale, green peach, black cherry, black peach, rusty plum aphids		Dormant sprays are recommended. Use Bonide Dormant Oil up to 7 days before Green Tip application.	1 heaping lbs.	2 heaping lbs.		2 heaping lbs.	Don't spray pollinators. Use Bonide Sulphur Fungicide alone for disease.	2 heaping lbs.	2 heaping lbs.
	brown rot, rhizopus, scab, brown rot (blossom blight), coryneum blight	Repeat at 10 day intervals up to 7 days before harvest		2 heaping lbs.	2 heaping lbs.	2 heaping lbs.	2 heaping lbs.		2 heaping lbs.	
PEAR*	codling moth, pear bug, fruit tree leaf roller, pear psylla, plum curculio, red banded leaf roller, mites	1 heaping lbs.		2 heaping lbs.	2 heaping lbs.	Repeat at 10 day intervals up to 7 days before harvest	2 heaping lbs.		2 heaping lbs.	2 heaping lbs.
	fruit spot, scab	2 lbs.		4 lbs.	4 lbs.		4 lbs.		4 lbs.	4 lbs.
	mealybug	1 heaping lbs.		2 heaping lbs.	2 heaping lbs.	Repeat at 10 day intervals up to 7 days before harvest	2 heaping lbs.		2 heaping lbs.	2 heaping lbs.
PLUM, PRUNES	plum curculio, mealy plum aphid, b. d. moth	2 lbs.		4 lbs.	4 lbs.		4 lbs.		4 lbs.	4 lbs.
	brown rot, russet or lacy scab	1 heaping lbs.		2 heaping lbs.	2 heaping lbs.	Repeat at 10 day intervals up to 7 days before harvest	2 heaping lbs.		2 heaping lbs.	2 heaping lbs.
		2 lbs.		4 lbs.	4 lbs.		4 lbs.		4 lbs.	4 lbs.

STORAGE AND DISPOSAL

Storage: Store in a cool dry area inaccessible to children and pets.
Disposal: Do not reuse empty container. Wrap container and put in trash collection.
Pesticide Disposal: Wrap original container in several layers of paper and put in trash.

Recommendations for use of this product are based upon tests believed to be reliable. The buyer must assume all responsibility for use of this product when not used in strict accordance with directions or established safe practice, or when used under abnormal conditions not reasonably foreseeable to the seller.

