

401-282

PM 12

1983

Front Panel

IMPERIAL
HOME ORCHARD
SPRAY

ACTIVE INGREDIENTS:

*Methoxychlor, technical	15.00%
**Captan	9.78%
Related Derivatives	0.22%
Malathion (O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate)	5.00%
INERT INGREDIENTS:	<u>70.00%</u>
Total	100.00%

*Equivalent to 13.20% 2,2-bis (p-methoxyphenyl) -1,1,1-trichloroethane and 1.80% other isomers and reaction products.

**N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide.

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS 1 POUND

Manufactured by
IMPERIAL INC.
SHENANDOAH, IA 51601

ACCEPTED
per self - Cert
OCT 19 1987
EPA Reg. No. 401-282

EPA

OCT 14 1987

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. Avoid breathing of dust or spray mist. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin and clothing.

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). Do not apply where runoff is likely to occur. 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 your 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.

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 outdoors wear long pants and long-sleeved shirt and apply with the wind to your back. Wash nondisposable gloves thoroughly with soap and water before removing.

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

STORAGE: Store in original container, in a cool dry, secure area away from fertilizer, food, or feed. Keep container closed.

PRODUCT DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty container. Wrap container and put in trash.

This amazing home orchard spray provides the home fruit grower with three of the most potent insecticides and fungicides -- all scientifically combined in one package.

After careful examination was made of similar formulations, recommended by various agricultural colleges, and with the suggestions and advice of leading state and private entomologists and pathologists, we now offer the new Imperial Home Orchard Spray as the answer to greater control of pests in home orchards. Home fruit growing can now be made pleasant and profitable by following the simple directions outlined on this package. All you have to do is add the proper amount of water and spray at the designated times. This will give you splendid control of many common chewing and sucking insects and mites such as: Aphids, Bud Moths, Forbes Scale, Codling Moth, Plum Curculio, Red-Banded Leaf Roller, Pear Psylla, Mealy Plum Aphid, Black Cherry Aphid, Mealybugs, Oriental Fruit Moth, Orange Tortrix, European Lecanium Scale, and Soft Brown Scale.

Also such disease as: Scab, Brooks Fruit Spot, Fly Speck, Black Pox, Botryosphaeria Rot, Black Rot, Bitter Rot, Peach Scab, Brown Rot, and Leaf Spot which may injure fruit trees such as: Apple, Peach, Apricot, and Cherry.

EASY TO MIX
AMOUNT OF SPRAY NEEDED
Mixing Table

3 Tablespoonfuls	1 gallon water
1/2 pound to	5 gallons water
1 pound to	10 gallons water
3 pounds to	30 gallons water

EASY TO USE

Follow directions closely as shown in mixing table for all fruits shown below. Cover trees thoroughly with spray. By varying a few days the time for applying some of these sprays on certain fruits, it is possible to spray many of the fruits at the same time. Such adjustments will have to be made by each grower to fit the season and the kinds of varieties of fruits being grown.

APPLES: First spray when blossom buds are beginning to show color, called the Cluster Bud Spray. Next spray when 90% of the blossoms have fallen, called the Petal Drop Spray. This should be followed by 3 or 4 more applications about two weeks apart, called Cover Sprays.

PEACHES, APRICOTS, PLUMS: First spray as soon as blossoms have fallen, or Petal Drop Spray. Then apply three more cover Sprays at intervals of two weeks. For insect control continue spraying at 7 - 10 day intervals as long as adult insects are present.

CHERRIES: First spray when 90% of blossoms have fallen, called Petal Drop Spray. Next spray 10 days later. As soon as fruit is harvested, trees should be sprayed again to prevent Leaf Spot or Yellow Leaf. This should be followed by another Cover Spray 3 or 4 weeks later.

YOUNG, NON-BEARING FRUIT TREES: Until the trees are old enough to bear, 3 or 4 spray applications are generally sufficient. First spray should be applied as soon as new growth is a few inches long. Cover Sprays should then be applied at intervals of about a month.

IMPORTANT

DO NOT USE ON APPLES, CHERRIES, OR PLUMS WITHIN 7 DAYS OF HARVEST. DO NOT USE ON APRICOTS AND PEACHES WITHIN 21 DAYS OF HARVEST.

STRAWBERRIES: To control Flea Beetles, Spittlebugs, Strawberry Leaf Beetles, Strawberry Weevils, Aphids, Spider Mites, apply spray as a thorough cover spray when insects first appear. Repeat applications at 7 - 10 day intervals or as infestations warrant. Do not use within 14 days of harvest.

GRAPES: To control Flea Beetles, Grape Leaf Skeletonizers, Japanese Beetles, Leafhoppers, Rose Chafers, apply spray as a thorough cover spray when insects first appear. For Grape Berry Moths apply as a post-blossom cover spray and repeat 10 days later; make third and fourth applications at 10 day intervals if necessary. Do not use within 14 days of harvest.

ORNAMENTALS - Effective as a spray for Carnation: Rust, Leaf Spot; Chrysanthemum: Flower Blight; Rose: Black Spot. Apply thoroughly at first sign of disease. Repeat at 7 to 10 day intervals.

NOTICE

Buyer assumes all risks of use, storage, or handling of this product when not in strict accordance with directions given herewith.