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(Stauffer Shield)

IMIDAN® 12.5-WP
HOME GARDEN INSECTICIDE

Wettable Powder for Control of Insects on Deciduous Fruit
Trees, Shade Trees, Ornamental Trees and Woody Evergreens.

ACTIVE INGREDIENT:

Phosmet: N-(mercaptomethyl)phthalimide	
S-(O,O-dimethyl phosphorodithioate)	12.5%
<u>INERT INGREDIENTS:</u>	87.5%

ACCEPTED
with COMMENTS
in EPA Letter Dated: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

NOV - 4 1987

STATEMENT OF PRACTICAL TREATMENT

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
this pesticide, for the purposes
registered under EPA Reg. No.
476-2161

Call a Poison Center or a Physician Immediately.

If a known exposure occurs or is suspected, immediately start the
procedures given below. Simultaneously, contact a Poison Center, a
Physician, or the Nearest Hospital.

NOTE: Advise the person contacted that the active ingredient in this
product is a cholinesterase inhibitor. Describe the type and
extent of exposure, the victim's symptoms and follow the
advice given.

NOTE TO MEDICAL PERSONNEL: Atropine by injection is antidotal for
cholinesterase inhibition. Pralidoxime chloride (2-PAM, Protopam)
is also antidotal when administered early and in conjunction
with atropine.

If swallowed, immediately give several glasses of water and induce
vomiting by placing a finger on the back of the victim's tongue.
Give fluids until vomitus is clear. If victim is unconscious or
convulsing, do not induce vomiting or give anything by mouth.

If inhaled, remove to fresh air. If breathing is difficult, oxygen
may be given with a physician's advice. If not breathing, clear
victim's airway, start mouth-to-mouth artificial respiration and get
medical attention.

If on skin, flush affected areas with plenty of water for several
minutes. Remove and clean contaminated clothing and shoes. Get medical
attention if skin irritation persists.

If in eyes, hold eyelids apart and flush eyes with large amounts of
running water for 15 minutes. Get medical attention if eye irritation
occurs.

FOR ADDITIONAL MEDICAL OR TOXICOLOGICAL INFORMATION, CALL COLLECT, DAY
OR NIGHT, STAUFFER EMERGENCY MEDICAL ASSISTANCE (203) 226-6602 OR
PESTICIDE TEAM SAFETY NETWORK (800) 424-9200.

EPA Reg. No. 476-2161
EPA Est. 476-

_____ Lbs. Net Wt. _____ kg
RS-860' 25

Made In U.S.A. By
STAUFFER CHEMICAL COMPANY

(Left Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH THE SKIN.
- Avoid contact with skin, eyes and clothing.
- Avoid breathing dust or spray mist.
- Wash hands thoroughly after handling and before eating or smoking.
- Wash all contaminated clothing with soap and hot water before re-use.

ENVIRONMENTAL HAZARDS

- This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding in treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.
- This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

STORAGE AND DISPOSAL

- KEEP OUT REACH OF CHILDREN.
- Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store only in original container in a cool dry cabinet, storage room, or area that can be locked. Do not store near sources of heat or open flame. Do not store excess spray.

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

CONTAINER DISPOSAL: Do not reuse empty container. Rinse thoroughly before discarding in trash.

PRODUCT INFORMATION

IMIDAN 12.5-WP is a wettable powder for use in water for spray applications. IMIDAN 12.5-WP is compatible with most commonly used insecticides and fungicides. It is not compatible with alkaline materials such as lime or bordeaux mixtures.

OBSERVE THE FOLLOWING USE PRECAUTIONS

- .Read all label directions before using. Apply this product only as specified on this label.
- .Keep children and pets away from area while spraying.
- .Never leave insecticide package, spray mixture or sprayer unattended if you are required to leave area before spraying is completed.
- .Wash off walks and other paved areas by hosing.

DIRECTIONS FOR USE

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

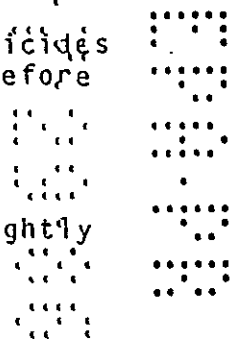
When To Spray: Choose a cool, calm period, preferably in early morning or evening. Do not apply if rain is expected or before leaf surfaces are dry.

Equipment: Use a compressed air sprayer, bucket pump sprayer, slide pump sprayer, small power sprayer or wheelbarrow type sprayer. For pest control treatment of large trees, high pressure is needed to drive the spray into dense foliage and to reach the highest branches.

Mixing: Prepare only the amount of spray needed. Pour recommended amount (see RECOMMENDATIONS BELOW) of this material on surface of water in nearly-filled spray tank. Add balance of water to fill tank. For hose-end sprayers follow manufacturer's directions for using wettable powders.

Agitation: Spray mixture requires agitation to keep insecticides from settling. When using small equipment, shake sprayer before and frequently during application. Power Equipment: keep agitator running during mixing and spraying.

Spraying: Spray thoroughly, covering lower and upper leaf surfaces, stems, branches, trunk and base of plant until lightly dripping.



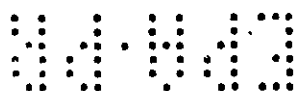
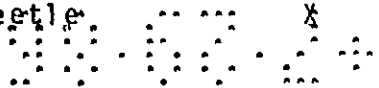
IMIDAN 12.5-WP

RECOMMENDATIONS

Use 3 tablespoons IMIDAN 12.5-WP per gallon of water when insects or their damage application as necessary to maintain control. Consult your cooperative extension timing of applications.

Recommended on FRUIT CROPS as specified below. Spray leaves and fruit thoroughly may require up to 10 gallons of spray per tree. For Lemons, Oranges and Grapefruit to the spray mixture a minimum 1 teaspoon per gallon of a suitable spray oil according to manufacturer's specifications.

Pest	Apple	Pear	Peach	Apricot/ Nectarine	Prune/ Plum	Tart Cherry	Grape	Blue- berries	Lemons, Orange Grapefruit
Cherry Fruit Fly*						X			
Elm Spanworm*	X	X							
Grape Berrymoth*							X		
Grape Leafhopper*							X		
Grape Leafroller							X		
Gypsy moth*	X	X							
Aphids (Green Apple)	X	X							
Aphids (Rosy Apple)	X	X							
Apple Maggot	X			X	X				
Codling Moth	X	X			X				
Fruittree Leafroller*	X	X				X			
Omnivorous Leafroller							X		
Pear Psylla		X							
Plum Curculio	X	X	X	X	X	X		X*	
Redbanded Leafroller	X	X		X	X				
Tarnished Plant Bug**	X	X	X						
Oriental Fruit Moth			X	X	X				
Peach Twig Borer			X	X	X	X			
European Red Mites**	X	X	X	X	X	X			
Two-Spotted Mites**	X	X	X	X	X	X			
Green Fruitworm	X								
Japanese Beetle	X		X			X	X		



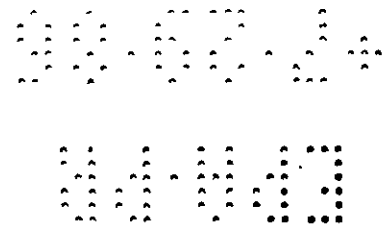
RECOMMENDATIONS (continued)

Pest	Apple	Pear	Peach	Apricot/ Nectarine	Prune/ Plum	Tart Cherry	Grape	Blue- berries	Lemons/ Oranges Grapefruit	Almonds	Pecans
Obliquebanded Leafroller*	X										
Orange Tortrix (CA Only)	X										
Redhumped Caterpillar	X				X						
Western Grapeleaf Skeletonizer***							X				
Blueberry Maggot*								X			
Cranberry Fruitworm*								X			
California Red Scale***									X		
Brown Soft Scale***									X		
Pecan Nut Casebearer****											X
Pecan Weevil											X
Hickory Shuckworm											X

- * Northeastern U.S. Only
- ** For Suppression Only
- *** Western U.S. Only
- **** Texas Only

† Apply when most nymphs hatch, or consult your cooperative extension service for timing of applications.

For bearing trees do not pick fruit within 7 days of spraying (14 days for Peaches, Apricots, Nectarines, Grapes and Pecans; 3 days for blueberries; 30 days for Almonds).



hemlock, juniper, pine, spruce, yew) to control: Gypsy
Moth.

. RECOMMENDED ON BIRCH TREES to control: Birch Leaf Miner.

NOTE: Limit all uses for control of Gypsy Moth, Elm Spanworm
and Birch Leaf Miner to the Northeastern U.S. only. Recommended
for Spring Cankerworm in the Northeastern and Midwestern
U.S.

NOTICE: Stauffer Chemical Company makes no warranty, express or
implied, including the warranties of merchantability and/or
fitness for any particular purpose, concerning this material,
except those which are contained on Stauffer's label.

