

Imperial*

50% METHOXYCHLOR WETTABLE POWDER

For Certain Insect Pests of Livestock, Forage
Crops, Fruits, Vegetables and Stored Grain

ACTIVE INGREDIENT:

*Methoxychlor, Technical 50%

INERT INGREDIENTS 50%

*50% Methoxychlor, Technical is equivalent to 44% 2,2-bis
(p-methoxyphenyl)-1,1,1-trichloroethane and 6% other iso-
mers and reaction products.

CAUTION

KEEP OUT OF REACH OF CHILDREN

See Other Precautions on Side Panel

Avoid contamination of feed and foodstuffs. Avoid
inhalation of sprays and dusts. Wash thoroughly
after handling.

Use this product only in accordance with recommen-
dations on this package. Follow directions carefully.
Timing and method of application, weather and crop
conditions, mixtures with other chemicals not specifi-
cally recommended, and other influencing factors in
the use of this product are beyond the control of
the seller.

EPA Reg. No. 407-370
EPA Est. 407-IA-1

O-4279B-D

NET CONTENTS _____

Packaged by
IMPERIAL INC.
SHENANDOAH, IOWA 51801

ACCEPTED
JUN 11 1975
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 407-370

DIRECTIONS

For Use Against Certain Insects Infesting Dairy Cattle, Livestock, Barns, Warehouses

FOR SPRAYING OR DIPPING BEEF CATTLE, SHEEP, GOATS AND DAIRY ANIMALS (except mature dairy animals; may be used on young dairy animals up to two weeks of freshening) for Horn Flies, Fleas and Lice: Use 2 lbs. per 25 gallons of water. Pressure should be strong enough to part the animal's hair and wet the skin. Approximately 2 quarts of spray are needed to treat a mature animal. One treatment will be effective up to 3 weeks under average conditions. For control of tall louse of cattle, use 4 lbs. in 25 gallons of water and apply as a spray on the infested tail only. Applications should be repeated as necessary. For direct dusting of Dairy Cattle see below. Do Not apply to lactating dairy animals as a spray or dip. Do Not dip calves under one month of age.

FOR DIRECT DUSTING: MATURE DAIRY CATTLE — Use one rounded tablespoonful per animal. Sprinkle on poll, neck (top and sides) and back and upper sides; rub in lightly by hand using non-porous gloves, to carry powder beneath the hair. One treatment protects cattle against horn flies for about 3 weeks. Allow 3 weeks between treatments.

SHEEP AND GOATS — For lice and keds dust animals thoroughly; rub in lightly using non-porous gloves, to carry powder beneath the hair. Application on sheep, following shearing, gives temporary relief from sheep ticks (keds). Do Not apply to lactating goats.

FOR SPRAYING INTERIORS OF BARNs, WAREHOUSES, FOOD PROCESSING PLANTS AND PREMISES for House Flies, Stable Flies and Mosquitoes: Use 2 lbs. per 5 gallons of water. Spray and thoroughly wet walls, ceilings, stalls, screens and other places where flies congregate, such as manure piles and rubbish heaps. Applications should be repeated as control diminishes or at first noticeable increase in fly population. Protection for a period up to 4 to 6 weeks may be attained. Cover securely all milk handling equipment, feedstuffs, troughs, bins, or other food and water receptacles while spraying. Dairy animals should Not be present while spraying. Do Not apply in the edible products areas of food processing plants. Do Not use in poultry houses.

Amount of Spray Required: Depending on whether surface is smooth or rough, one gallon of finished spray will cover from 600 to 1,000 square feet. Surfaces should be wet with spray to the point where it begins to run off.

FOR-EMPTY GRAIN BINS: As an aid for control of Rice Weevil, Granary Weevil, Lesser Grain Borer and certain other insect pests of stored grain, during accessible or exposed stages; and as a treatment to help prevent infestation of newly stored grain, apply 4 lbs. mixed with 9 gallons of water. Make application to thoroughly cleaned surfaces at the rate of 2 gallons of spray mixture per 1,000 square feet. Allow sprayed surface to dry before storing grain.

For Spraying Fruits, Vegetables, and Forage Crops

ON APPLES, PEACHES, APRICOTS, CHERRIES, PLUMS AND PRUNES for Plum Curculio use 3 lbs. per 100 gallons of water. Make 2 to 4 applications at 7-10 day intervals depending on local conditions. Begin at Petal Fall for apples (for stone fruits begin at Shuck Split). On apples for Apple Maggot, Codling Moth, Japanese Beetle, and Leafhopper; on pears for Codling Moth; on peaches for Codling Moth, Japanese Beetle; on apricots for Codling Moth, Japanese Beetle; on cherries for Codling Moth, Cherry Fruitworm, Cherry Fruitfly, Japanese Beetle and Leafhopper; on plums and prunes for Codling Moth, Cherry Fruitworm, Cherry Fruitfly, Japanese Beetle and Leafhopper, use 2 to 3 lbs. per 100 gallons of water. Apply so as to thoroughly wet all surfaces of foliage and fruit using two or more applications at 7-14 day intervals beginning when insects first appear. Do not use on apricots or peaches within 21 days of harvest. Do not use on apples, pears, cherries, plums or prunes within 7 days of harvest.

ON GRAPES to control Grape Leaf Skeletonizer, Grape Berry Moths, and Leafhoppers; **ON BLUE-**

BERRIES, RASPBERRIES AND GOOSEBERRIES to control Japanese Beetle, Leafhoppers, Leafrollers, Raspberry Aphids; **ON CRANBERRIES** to control Cranberry Fruitworm; **ON STRAWBERRIES** to control Meadow Spittlebug, Strawberry Leafroller, Strawberry Weevil, apply at the rate of 2 to 3 lbs. per 100 gallons of water per acre except for grapes, use 6 lbs. in 300 gallons of water per acre. Apply so as to thoroughly wet all surfaces of foliage and fruit, using two or more applications at 7-14 day intervals beginning when insects first appear. Do not use on raspberries or strawberries within 3 days of harvest. Do not use on grapes, gooseberries, cranberries and blueberries within 14 days of harvest.

ON BEANS to control Mexican Bean Beetle, Bean Leaf Beetle, Bean Leafroller, Cucumber Beetles, Flea Beetles, Japanese Beetles, Leafhoppers, Velvet Bean Caterpillar, Armyworms, Corn Earworms, apply at the rate of 2 to 3 lbs. per 100 gallons of water per acre. Do not apply within 3 days of harvest. Do not use bean plants for feed or forage.

ON CUCURBITS to control Cucumber Beetle, Flea Beetles, Leafhoppers, apply at the rate of 2 to 3 lbs. per 100 gallons of water per acre. Do not apply within one day of harvest.

ON TOMATOES to control Fall Armyworm, Lacebugs, Tomato Fruitworms, Tomato Hornworms, Tarnished Plant Bugs, apply at the rate of 2 to 3 lbs. per 100 gallons of water per acre. Do not apply within one day of harvest.

ON POTATOES to control Fall Armyworm, Lacebugs, apply at the rate of 2 to 3 lbs. per 100 gallons of water per acre.

ON SWEET CORN to control Corn Earworm, Corn Rootworm Adults, Fall Armyworm, Flea Beetles, Japanese Beetles, Leafhoppers, apply at the rate of 2 to 3 lbs. per 100 gallons of water per acre. Do not apply within 7 days of harvest.

ON ALFALFA AND CLOVER for Alfalfa Weevil, Armyworms, Leafhoppers; **ON PASTURE GRASSES** to control Fall Armyworms, Armyworms, use 2 to 3 lbs. per 100 gallons of water per acre. Apply so as to wet foliage thoroughly. Start applications when insects first appear. Do not apply later than 7 days before harvest or grazing.

NOTE: Do Not use more than the following amounts of this material per acre per application: Grapes, blueberries, cranberries, gooseberries, alfalfa, clover and pasture grasses — 6 lbs.; potatoes and sweet corn — 4 1/2 lbs.; raspberries, strawberries, tomatoes, bean, cucurbits — 3 1/2 lbs.; apples and pears — 36 lbs.; apricots, cherries, peaches, plums, prunes — 24 lbs.

Remove residues remaining at harvest by washing, brushing, or other effective means.

COMPATIBILITY: 50% Methoxychlor Wettable Powder is compatible with most commonly used fungicides and insecticides (such as wettable and dusting sulfurs, Parathion, Ferbam, Ziram, Nabam, Zineb, Bordeaux Mixture, Lead Arsenate).

MIXING: Pour into the tank of a power sprayer with the agitator running. Keep agitator running while spraying. Where small sprayers are used, the material should be kept mixed by frequent shaking or rolling of the sprayers. One tablespoonful per gallon is equivalent to one pound per 100 gallons.

ENVIRONMENTAL CAUTIONS

This product is toxic to fish, shrimp, crabs and other aquatic life. 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 wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

This product is toxic to bees and should not be applied when bees are actively visiting the area.

DO NOT RE-USE CONTAINER. Destroy by burying or burning. Keep out of smoke or fumes.

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