



# prentox<sup>®</sup>

## METHOXYCHLOR 50W

WETTABLE POWDER FOR BARNY AND BEEF CATTLE BUILDINGS AND CROPS

ACCEPTED  
with COMMENTS  
by EPA Letter Dated:

SEP 19 1983

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for registration  
registered under the Act No.  
655-741

Wettable Powder Insecticide for the control of various insects on Livestock, Vegetables,  
Fruits, Grasses and Legumes, Forest & Shade Trees, Flowers and Ornamentals, Agricultural  
Premises, Farm Buildings and Grain Storage Bins

<b>ACTIVE INGREDIENT:</b>		
*Methoxychlor Technical	.....	50%
<b>INERT INGREDIENTS:</b>		
Total	.....	100%

\*50% METHOXYCHLOR TECHNICAL is equivalent to 44% 2,2-bis  
(p-methoxyphenyl)-1,1,1-trichloroethane and 6% other isomers and  
reaction products

KEEP OUT OF REACH OF CHILDREN

**CAUTION:**

E.P.A. Reg. No. 655-741

E.P.A. EST. NO. 655-GA-1

BEST DOCUMENT AVAILABLE

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**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS**  
**(LD DOMESTIC ANIMALS)**

**CAUTION:** May be harmful if swallowed. Avoid contact with skin. Wash thoroughly after handling. Avoid breathing dust or spray mist. Avoid contamination of feed, seed and foodstuffs.

**Environmental Hazards**  
This product is toxic to fish. Do not apply directly to lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. 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. Protective information may be obtained from your Cooperative Agricultural Extension Service.

**General Information**  
Methoxychlor 50W insecticide contains 50% technical methoxychlor per pound and may be used as a spray or dust suspension for plant and animal protection or may be diluted with suitable diluents (air, pyrophyllite) to make a finished dusting compound. Use or mixture, see directions for specific uses. When applying Methoxychlor 50W use sufficient spray or dust to thoroughly cover all foliage from all other surfaces to be protected.

**DIRECTIONS**  
READ THESE ENTIRE DIRECTIONS AND DISCLAIMER. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.  
This is a claim of technical sale. Use this product in a manner inconsistent with its label.

See additional directions for use on back panel.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and disposal. Open dumping is prohibited.

**Pesticide Disposal:** Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

**Container Disposal:** Completely empty bag by shaking and tapping sides and bottom to dislodge clinging particles. Empty residues into applicator or equipment. Then dispose of bag in a sanitary landfill or by incineration if allowed by State and local authorities.

**AGRICULTURAL PREMISES**  
**FARM BUILDINGS:** For controlling stable flies, houseflies and bees use 1 lb in 2 gallons of water. Apply 1 gallon of spray mixture to approximately 500 sq ft of surface (barn walls, floors, cracks, recessed bases, doors, pet bedding, stalls and pens). Such heavy deposits usually are effective for 8 weeks unless removed by weathering or other means. Care should be taken to avoid contamination of milk handling equipment, feedstuffs, feed troughs and watering receptacles. Dairy animals should not be present while spraying. Use water only as diluent. If spray should be supplemented with proper sanitary measures including spraying or removal of breeding sources such as manure and animal bedding. Do not apply in milking houses.

**GRAIN STORAGE BINS:** To treat up to 100 bushels of grain in a bin use 1 lb of Methoxychlor 50W in 2 gallons of water applied to the rat hole and grain surface.

so ft before products are stored. This aids in control of cadelle, flat grain beetle, sawtoothed grain beetle, lesser grain borer, red flour beetle, long headed flour beetle, rice weevil, confused flour beetle, foreign grain beetle, hairy fungus beetle and grain moth. Allow bins to air and dry before refilling with grain 2 to 4 weeks.

**Stomach Tumors, Entry Flies, Head House:** To control cadelles, confused flour beetle, flat headed grain beetle, foreign grain beetle, granary weevil, hairy fungus beetle, lesser grain borer, long headed flour beetle, red flour beetle, rice weevil, sawtoothed grain beetle and grain moth mix 1 lb in 2 gallons of water. Apply 1 gallon of mixture to 500 sq ft clean area thoroughly before spraying. Treat about 3 times per season.

**AGRICULTURAL CROPS**  
**Vegetables:** For control of the insects listed below use 3 lbs of Methoxychlor 50W per 100 gal of water and apply as a thorough spray to upper and lower surfaces of foliage and fruit at the rate of 1/4 gal per acre. Begin treatment at first sign of insect infestation and repeat at 7-10 day intervals as infestation warrants.

Crop	Insects	Interval From Last Application or Harvest
Potato	Bristle beetle, Colorado potato beetle, Flea beetle, leafhopper	0 days
Cantaloupe, Cucumber, Eggplant, Melon, Pepper, Pumpkin, Squash, Tomato	Melon worm, Cucumber beetle, Flea beetle, leafhopper, Flea beetle, Japanese beetle, Cucumber beetle, Squash vine borer, Cucumber beetle, Squash vine borer, Bristle beetle, Flea beetle, Flea beetle, Japanese beetle, Tomato fruitworm	1 day
Asparagus	Asparagus beetle	14 days (later than 2 days before harvest) remove residues by washing or blanching
Beans	Bean leaf beetle, Colorado potato beetle, Japanese beetle, leafhopper, Rose chafers, squash bean beetle	3 days (do not use for feeding for 10 days)
Black-eyed peas	Comped cutworm	
Cabbage	Cabbage worm, Flea beetle	3 days
Cauliflower, Corn	Cabbage worm, Flea beetle, Fall armyworm, Flea beetle, Japanese beetle, Squash vine borer, Cucumber beetle, Mexican cornborer	7 days
Melons, Peas, Radish & Rutabaga	Cucumber beetle, Flea beetle, Flea beetle	
Beans, Broccoli, Brussels sprouts, Cabbage, Cauliflower, Carrots & Parsnips, Lettuce, Spinach	Bristle beetle, Flea beetle, Cucumber worm, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle	14 days

See attached sheet

Manufactured by **prentiss** Plant: 338 Wilson Avenue Newark, N.J. 07105

10-82

NET CONTENT

# prentox<sup>®</sup>

## METHOXYCHLOR 50W

### DIRECTIONS FOR USE (Continued)

Crop	Insects	Interval From Last Application To Harvest
<b>Tree Fruit</b>	For control of the following insects, apply 2-3 lbs. of Methoxychlor 50W per 100 gallons of water as a thorough cover spray when adults first appear. Repeat at 7-10 day intervals as long as adults are present. Do not apply more than 20 lbs. of Methoxychlor 50W per acre.	
Apple	Apple maggot, San Jose Scale crawlers	7 days
Cherry	Cherry fruit flies, Cherry fruitworm	
<b>Small Fruit</b>	For control of the following insects apply 2-3 lbs. of Methoxychlor 50W per 100 gallons of water as a thorough cover spray when insects first appear. Repeat applications at 7-10 day intervals as infestations warrant.	
Apple	Codling moth, Japanese beetle, Leaf hopper, Plum curculio, San Jose Scale crawlers	7 days
Cherry	Codling moth, Pear slug	
Pear	Plum curculio	
Plum & Plum Quince	Codling moth, San Jose Scale crawlers, Oriental fruit moth, caterpillars, Quince curculio	
Apricot	Plum curculio	21 days
Blackberry	Flea beetle, Japanese beetle, Rose chafers, Strawberry weevil, Japanese beetle, Rose chafers	14 days
Raspberries & Strawberry	Flea beetle, Spittlebug, Strawberry leaf beetle, Strawberry weevil	
Blueberries	Cherry fruitworm, Cranberry fruitworm, Plum curculio, Leafhopper	14 days
Cranberries	Cranberry fruitworm, Leafhopper, Spittlebug	
Currant & Gooseberry	San Jose Scale crawlers	
Grape	Flea beetle, Grape leaf skeletonizer, Japanese beetle, Leafhopper, Rose chafers, etc. Grape berry moth apply at a pre-blossom cover spray and repeat 10 days later. Make 3rd & 4th applications at 10 day intervals if necessary.	

**MOSQUITO CONTROL:** For use as a pre-batch winter treatment for control of spring breeding mosquito larvae in New England States, make a single application of 12 lbs. of Methoxychlor 50W during the winter months. Apply only to known mosquito breeding sites. Methoxychlor 50W should be mixed with water for spray application. Do not apply to water used for irrigation, recreational & domestic purposes.

**MOSQUITO CONTROL (Norway):** Parks, Beaches, Public Areas and standing water, temporary pools and similar non-crop areas. For mosquito larval control use 2 lbs. of Methoxychlor 50W insecticide in 100 gallons of water and apply 10 gallons of the finished spray per acre, equivalent to 0.2 lbs. of active ingredient per acre to be treated. Apply only to known mosquito breeding sites. Repeat applications as warranted. Pre-batch: Make a single application during the winter months at a rate of 25 to 50 gallons of finished spray per acre, equivalent to 1 to 2 lbs. of active ingredient.

**SEED TREATMENT:** Insects Controlled—white grubs, wire worms and seed corn maggot. Peas, cowpeas, gals, peanuts, rice, rye, sorghum, soybeans, vetch, beans, etc. For use only on seed to be planted. Do not use treated seed for food or feed purposes. Seed treatment for protection from soil insect larvae. Flea beetle, wire worm, false wire worm, seed corn maggot, seed corn beetle, apply 4 quarts Methoxychlor 50W insecticide per bushel of seed thoroughly with grain before dumping into planter box. The purchaser of this product is responsible for insuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR Part 225. Any dye added to treated seed must be created for use under 40 CFR Part 180.100.

**FRUIT AND SHADE TREES:** For control of the following insects use a 6-10 lb. Methoxychlor 50W spray with a mist blower at rates recommended in the following table. Make 2-3 lbs. of Methoxychlor 50W insecticide per 50 gallons of water for mist blowers, or 2-3 lbs. of Methoxychlor 50W insecticide per 100 gallons of water for conventional sprays.

Insect	Pints of Solution Per Tree				Gallons of Solution Per Acre
	25-50'	50-65'	65-80'	80-120'	
Apple Ail	2	2	3	4	2
Apple Ail	2	2	3	4	2
Apple Ail	2	2	3	4	2
Apple Ail	2	2	3	4	2
Apple Ail	2	2	3	4	2

Insect	Pints of Solution Per Tree				Gallons of Solution Per Acre
	25-50'	50-65'	65-80'	80-120'	
Apple maggot	2	2	3	4	2
Apple maggot	2	2	3	4	2
Apple maggot	2	2	3	4	2
Apple maggot	2	2	3	4	2
Apple maggot	2	2	3	4	2

**CONTROL OF EUROPEAN BEETLE:** (Vectors of Dutch Elm Disease) Apply first application before elm flowers or leaves sprout using a 7" spray solution of Methoxychlor 50W insecticide with a mist blower or a 2" spray solution in a conventional sprayer. This application will usually be applied in March in the Southern States and in April in the Northern States. Use 2 to 3 gallons of spray solution wetting all surfaces thoroughly. Second application should be made 2 to 3 months after the first treatment. Repeat the active ingredient to 0.1 for mist blower and 1.0 for conventional sprayer. Cover all leaf and bark surfaces.

**CONTROL OF ELM LEAFHOPPER:** (Vectors of Elm Pitting Disease) Apply first application when elm leaves are fully grown. Use a 6" spray solution of Methoxychlor 50W insecticide with a mist blower or a 1" spray solution in a conventional sprayer. This application will be made in May in the Southern States and in June in the Northern States. Thoroughly cover all leaf surfaces.

**When set and first of growth appears, usually 1 to 2 months after first treatment, repeat the above application covering all leaf surfaces thoroughly. In those States where both the elm leafhopper and elm leaf beetle are present, present a three spray schedule will provide effective control. Apply protective spray before elm flowers or leaves sprout. Follow with a third protective spray 2 to 3 months after the first. Then apply the third protective spray about 1 to 3 months after the second protective spray. Be sure to thoroughly cover all bark and leaf surfaces with each protective spray.**

**Preparation of Spray Solutions:** 12" Methoxychlor Spray Use 1M 1" Methoxychlor 50W per 50 gallons of water; 6" Methoxychlor Sp. 57 lbs. Methoxychlor 50W per 50 gallons of water; 2" Methoxychlor Sp. 57 lbs. Methoxychlor 50W per 50 gallons of water; 1" Methoxychlor Sp. 57 lbs. Methoxychlor 50W per 50 gallons of water.

**FLOWERS AND ORNAMENTALS:** For control of Bristle Beetle, Crane Worm, Elm Leaf Beetle, Flea Beetles, Fleahoppers, Flower Thrips, Japanese Beetle, Leafhoppers, Rose Chafers, Rose Slugs, Sawflies.

Use two to three pounds per 100 gallons of water for tank sprays. Spray thoroughly to runoff. Begin applications when insects first appear and repeat at 7-10 day intervals as warranted.

**LIVESTOCK: Bristle Bushing**  
**Berry Cattle:** Lactating animals. For control of ticks use the spray solution of Methoxychlor 50W at a rate of 1.5 lbs. per acre. Spray the animals thoroughly with the spray solution. Do not apply to the animals for more than 2 weeks after the last application. All animals should be bled after application.

**Young Berry Cattle over 1 mo. of age and non-lactating Mature Berry Cattle:** For control of ticks use the spray solution of Methoxychlor 50W at a rate of 1.5 lbs. per acre. Spray the animals thoroughly with the spray solution. Do not apply to the animals for more than 2 weeks after the last application. All animals should be bled after application.

**Berry Cattle: Goats and Sheep:** For control of ticks use the spray solution of Methoxychlor 50W at a rate of 1.5 lbs. per acre. Spray the animals thoroughly with the spray solution. Do not apply to the animals for more than 2 weeks after the last application. All animals should be bled after application.

**Swine:** For control of ticks use the spray solution of Methoxychlor 50W at a rate of 1.5 lbs. per acre. Spray the animals thoroughly with the spray solution. Do not apply to the animals for more than 2 weeks after the last application. All animals should be bled after application.

**Birds: Direct Spray of Bats**  
**Berry Cattle: non-lactating Berry Cattle, Goats, Sheep and Swine:** For control of ticks use the spray solution of Methoxychlor 50W at a rate of 1.5 lbs. per acre. Spray the animals thoroughly with the spray solution. Do not apply to the animals for more than 2 weeks after the last application. All animals should be bled after application.

**Spot Treatment for Control of Tardigrades:** Make a 2-3 lb. Methoxychlor 50W spray with a mist blower and apply to the animals. Do not apply to the animals for more than 2 weeks after the last application. All animals should be bled after application.

**Field and Forage Crops:** Apply the following rates of Methoxychlor 50W to the crops. Apply 2-3 lbs. of Methoxychlor 50W insecticide per 100 gallons of water for conventional sprays. Apply 1-2 lbs. of Methoxychlor 50W insecticide per 50 gallons of water for mist blowers. Repeat applications at 7-10 day intervals as warranted.

Insect	Rate (lb. per 100 gal. water)
Leafhopper, Spittlebug	2-3
Apple Ail	2-3
Apple Ail	2-3
Apple Ail	2-3
Apple Ail	2-3

**MUSHROOM HOUSES: MUSHROOM FLIES:** Apply 2-3 lbs. of Methoxychlor 50W insecticide per 100 gallons of water for conventional sprays. Repeat applications at 7-10 day intervals as warranted.

**D-SCLA-MEP:** Apply 2-3 lbs. of Methoxychlor 50W insecticide per 100 gallons of water for conventional sprays. Repeat applications at 7-10 day intervals as warranted.

**NOTE:** Methoxychlor 50W is a restricted use pesticide. It should be used only by or under the direct supervision of a licensed applicator.

65-741

STORAGE AND DISPOSAL (For 50 lb. cartons with liner)

Do not contaminate water, food, or feed by storage and disposal. Open dumping is prohibited.

STORAGE: Reclose container after each use. Store in a cool dry place away from food or feed. If spilled, sweep up and dispose of as below.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

SEP 19 1983

Mr. Mick Sanchez  
Prentiss Drug & Chemical Co., Inc.  
363 Seventh Ave.  
New York, NY 10001

Dear Mr. Sanchez:

Subject: Prentiss Methoxychlor 50M  
EPA Registration No. 655-741  
Year Application Dated August 31, 1983

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

Jay S. Ellenberger  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

TS-767:Ellenberger:DCR-28416:WANG-0455C:KIM:Raven:479-2013:9/19/83

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							