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**PRENTOX<sup>(R)</sup> METHOXYCHLOR 4L INSECTICIDE**

ACCEPTED  
with COMMENTS  
in EPA Label

FEB 15 1984

<b>ACTIVE INGREDIENT:</b>	
Methoxychlor . . . . .	41.70%
<b>INERT INGREDIENTS:</b> . . . . .	58.30%
<b>TOTAL</b> . . . . .	<b>100.00%</b>

The following information is for the use of the pesticide, and is not to be used for any other purpose.  
 1. The pesticide is registered under the Federal Insecticide, Fungicide, and Rodenticide Act.  
 2. The pesticide is registered under the Federal Insecticide, Fungicide, and Rodenticide Act.  
 registered under the Federal Insecticide, Fungicide, and Rodenticide Act. Reg. No. 655-748

PRENTOX(R) - Registered Trademark of PRENTISS DRUG & CHEMICAL CO., INC.

KEEP OUT OF REACH OF CHILDREN

CAUTION

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF IN EYES:** Immediately flush eyes with plenty of water and get medical attention.

**IF ON SKIN:** Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.

See Side Panel For Additional Precautionary Statements.

EPA REG. NO. 655-748  
EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_  
LOT NO. \_\_\_\_\_



Manufactured by  
**prentiss**  
Drug & Chemical Co., Inc.

Plant: Kadlin Road  
Sandersville, GA. 31082  
Office: C.B. 2000  
Floral Park, N.Y. 11001

**BEST DOCUMENT AVAILABLE**

**PRECAUTIONARY STATEMENTS**

Hazards to humans and domestic animals.

**CAUTION: HARMFUL IF SWALLOWED. Avoid Breathing of Spray. Do Not Take Internally. Avoid Contact with Skin and Eyes. Causes eye irritation. Wear regular long-sleeved work clothing. Change to clean clothing daily. Wash hands and face before eating. Wash thoroughly after handling.**

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. This product is toxic to fish and bees. Do not contaminate water by cleaning of equipment or disposal of waste.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use, pour, spill or store near heat or open flame.

**GENERAL INFORMATION:**

Methoxychlor 4L Insecticide should be used only in accordance with the recommendations on this label. NOTE: PHI stands for Pre-harvest Interval.

**DIRECTIONS FOR USE**

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

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

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

Written or oral warnings must be given to workers who are expected to be in a treated area, or in an area about to be treated with this product. If oral warnings are given, they must inform workers of areas or fields that may not be entered without specific protective clothing, period of time must be vacated and appropriate actions to take in case of accidental exposure. See Statement of Practical Treatment.

When oral warnings are given, warnings should be given in a language customarily understood by workers.

Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers.

## VEGETABLES

ASPARAGUS - Asparagus Beetles: 1 to 2½ quarts per acre. PHI: If applied within 3 days of harvest, remove residues by washing or blanching.

BEANS, BLACK-EYED PEAS - Corn Earworm, Cucumber Beetles, Fall Armyworm, Alfalfa and Garden Webworms, Flea Beetles, Mexican Bean Beetle, Potato Leafhopper, Bean Leaf Beetle, Japanese Beetle: 1 to 3 quarts per acre. PHI: 7 days, apply within 3 days of harvest if vines are not used for feed or forage.

BRUSSELS SPROUTS, BEETS, BROCCOLI, CABBAGE, CARROT, CAULIFLOWER, COLLARD, EGGPLANT, KALE, KOHLRABI, LETTUCE, PEPPER, RADISH, RUTABAGA, SPINACH, TURNIP - Blister Beetles, Flea Beetles, Leafhoppers, Alfalfa Looper, Fall Armyworm, Japanese Beetle, Imported Cabbageworm: 1 to 2½ quarts per acre. PHI: 14 days except cauliflower and rutabagas, 7 days; cabbage, 3 days, eggplant, kohlrabi, and pepper, 7 days (1 day at 1 ¾ quart per acre or less).

CORN - Fall Armyworm, Armyworm, Japanese Beetle, Flea Beetles: 1 to 2½ quarts per acre. PHI: 3 days.

CUCUMBER, MELONS, PUMPKIN, SQUASH, SUMMER SQUASH - Squash Vine Borer, Fall Armyworm, Cucumber Beetles, Flea Beetles - 1 to 3 quarts per acre. PHI: 1 day for rates of 1 ¾ quarts per acre and below, otherwise, 7 days.

PEAS - Alfalfa Looper, Pea Weevil (to foliage early bloom before eggs are laid and again 5 days later). Bean Leaf Beetle: 1 to 3 quarts per acre. PHI: 7 days.

POTATO (IRISH) - Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles: 1 to 2½ quarts per acre. PHI: None.

SWEET POTATO, YAM - Fall Armyworm, Flea Beetles - 1 to 2½ quarts per acre. PHI: NONE.

TOMATO - Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles: 1 to 3 quarts per acre. PHI: 1 day for rates of 1 ¾ qts. and below, otherwise, 7 days.

## FARM BUILDINGS

(Except Poultry Houses)

For control of Stables Flies, Houseflies, Face Flies, Fleas, Mosquitoes: Use 2 pints in 2½ gallons of water. Apply 1 gallon of spray to 500 square feet of surface, treating walls, floors, cracks, crevices, baseboards, pet bedding, stalls and pens. Such heavy deposits usually are effective for 3 to 6 weeks unless removed by weathering or other means. Care should be taken to avoid contamination of milk handling equipment, feed stuffs, feed troughs and water receptacles. Dairy animals should not be present while spraying. The use of any residual fly spray should be supplemented with proper sanitary measures, including spraying or removal of breeding sources such as manure in and around buildings.

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## BEST DOCUMENT AVAILABLE

**MUSHROOM HOUSES - Mushroom Fly** - Use 2 pints in 3 gallons of water, apply 1 gallon of spray to 500 square feet of beds, walls, floors, and posts. Apply 3 weeks and 1 week before emergence of mushrooms.

**GRAIN STORAGE BINS, ELEVATOR TUNNELS (GALLERY FLOOR, HEADHOUSE)  
PEANUT WAREHOUSES, FREIGHT CARS, GRAIN TRUCKS, SHIPS' HOLDS**

Aids in control of Cadelle, Flat Grain Beetle, Saw-Toothed Grain Beetle, Lesser Grain Borer, Red Flour Beetle, Long-Headed Flour Beetle, Rice Weevil, Granary Weevil, Confused Flour Beetle, Foreign Grain Beetle and Hairy Fungus Beetle: use 2 pints in 2½ gallons of water, apply 1 gallon of spray per 500 square feet of surface. Treat when empty.

### STORED SEED

**SEED POTATOES - Potato Tuberworm:** Sprinkle Methoxychlor 4L over potatoes at 1.9 ounces per 100 pounds before placing in storage. Do not use treated seed for food or feed purposes.

### MOSQUITO CONTROL

For use as a pre-hatch winter treatment for the control of spring brood mosquito larvae in New England States, make a single application of 1 quart of Methoxychlor 4L during the winter months. Methoxychlor 4L should be mixed with water for spray application. Do not apply to water used for irrigation, recreational and domestic purposes.

### MOSQUITO CONTROL (LARVAE)

Parks, Beaches, Public Areas and standing water, temporary rain pools and similar non crop areas. For mosquito control larvae mix 2 quarts of Methoxychlor 4L in 100 gallons of water and apply 10 gallons of the finished spray per acre (equivalent approx. 0.2 pounds active ingredient) of surface to be treated. Apply only to known mosquito breeding sites. Reapply as infestation warrants. **PRE-HATCH** - Make a single application during the winter months at the rate of 25 to 50 gallons of finished spray per acre (equivalent to ½ to 1 pound of active ingredient.)

### FLOWERS, ORNAMENTALS

For control of Blister Beetles, Cankerworms, Cucumber Beetles, Flea Beetles, Fleahoppers, Flower Thrips, Japanese Beetle, Leafhoppers, Rose Chafer, Rose Slugs (sawflies): Use 1 to 1½ quarts per 100 gallons of water, or .32 ounces per gallon, spray thoroughly to runoff. Begin applications when insects first appear, and repeat at 7 to 14 day intervals or as needed.

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FOREST AND SHADE TREES

For control of the following insects use a 6% Methoxychlor solution with a mist blower at rates recommended in the following table. Mix 68 lbs. Methoxychlor 4L Insecticide per 50 gallons of water for mist blower solution, or 1 to 2 quarts of Methoxychlor 4L Insecticide per 100 gallons of water for conventional sprayer.

PINTS 6% SOLUTION PER TREE

INSECTS	TREE HEIGHT				GALLONS 6% SOLUTION PER ACRE
	35-50'	50-65'	65-80'	80-120'	
Cankerworm	2	2	3	4	2
Eastern Tent Caterpillar	2	2	3	4	2
Elm leaf beetle	2	4	7	8	1
Fall webworm	5	1	2	2	1
Forest tent caterpillar	1	15	2	3	2
Green moth	5	1	2	2	2
Japanese beetle	2	4	4	4	3
Lace bug (Oaks & Sycamore)	15	2	3	4	2
May beetle	15	2	3	4	2
Tussock moth	2	2	3	4	2

CONTROL OF ELM BARK BEETLE

(Vectors of Dutch Elm Disease): Apply first application before elm flowers or leaves sprout using a 12% spray solution of Methoxychlor 4L 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. Reduce the active ingredient to 6% for mist blower and 1% for conventional sprayer. Cover all leaf and bark surfaces.

CONTROL OF ELM LEAFHOPPER

(Vectors of Elm Phloem Necrosis): Apply first application when elm leaves are fully grown. Use a 6% spray solution of Methoxychlor 4L 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 second flush 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 known to be present, a three spray schedule will provide effective control. Apply protective spray before elm flowers or leaves sprout. Follow with second 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 foliar surfaces with each protective spray.

### PREPARATIONS OF SPRAY SOLUTIONS

12½ Methoxychlor Spray Use 137 lbs. Methoxychlor 4L Insecticide per 50 gallons of water. 6½ Methoxychlor Sp. 68 lbs. Methoxychlor 4L per 50 gallons of water. 2½ Methoxychlor Sp. 23 lbs. Methoxychlor 4L per 50 gallons of water. 1½ Methoxychlor Sp. 11.5 lbs. Methoxychlor 4L per 50 gallons of water.

### AGRICULTURAL CROPS

Apply Methoxychlor 4L insecticide at recommended rates as a spray with ground or aerial equipment to thoroughly cover foliage and fruit. Mix Methoxychlor 4L insecticide in water using the appropriate volume of water for equipment to be used (for example, 5 to 20 gallons per acre for aircraft or ground concentrate sprayers and greater amounts for high volume sprayers.) Continuous agitation is required to keep the material in suspension. For stem areas, use .32 ounces of Methoxychlor 4L Insecticide per gallon of water and apply as a thorough coverage spray.

### FORAGE AND FIELD CROPS

ALFALFA, CLOVER, COWPEA, FORAGE GRASSES - Alfalfa Caterpillar, Alfalfa Weevil (larvae), Clover Leaf Weevil, Blister Beetles, Leafhoppers, Cucumber Beetles, Mexican Bean Beetle, Webworms, Fall Armyworm, Cowpea Curculio, Flea Beetles, Japanese Beetle, Pea Weevil, Spittlebugs, Velvet Bean Caterpillar: 1 to 3 quarts per acre. PHI: 7 days.

PEANUT, SOYBEAN - velvet Bean Caterpillar, Mexican Bean Beetle, Japanese Beetle, Blister Beetles, Garden Webworm, Alfalfa Webworm, Cowpea Curculio, Leafhoppers, Fall Armyworm: 1 to 3 quarts per acre. PHI: 7 days.

### FRUITS

APPLE, PEAR, QUINCE - Apple Maggot, Codling Moth, Japanese Beetle, Plum Curculio, Tent Caterpillars: 3 ¾ to 7½ quarts per acre or 1 to 1½ quarts per 100 gallons of water at 350 to 500 gallons per acre. PHI: 7 days.

APRICOT, CHERRY, NECTARINE, PEACH, PLUM, PRUNE - Cherry Fruitworm, Cherry Fruitflies, Japanese Beetle, Plum Curculio, Rose Chafer, Tent Caterpillars, Cankerworms: 3 ¾ to 7½ quarts per acre, or 1 to 1½ quarts per 100 gallons of water at 350 to 500 gallons per acre. PHI: 7 days for cherries, plums, prunes: 21 days for apricots, nectarines, peaches.

BLUEBERRY, CRANBERRY, CURRANT, GOOSEBERRY - Japanese Beetle, Cranberry Fruitworm, Leafhoppers, San Jose Scale (crawlers): 1 to 3 quarts per acre or 1 to 1½ quart per 100 gallons of water at 100 to 200 gallons per acre. PHI: 14 days.

BLACKBERRY, LOGANBERRY, RASPBERRY, BOYSENBERRY, DEWBERRY, YOUNDBERRY, STRAWBERRY - Rose Chafer, Strawberry Weevil, Flea Beetles, Omnivorous Leaf Tier, Spittlebugs, Japanese Beetle: 1 to 1½ quart per acre or per 100 gallons of water per acre. PHI: 14 days.

GRAPE - Berry Moth, Grape Leafhopper, Japanese Beetle, Leaf Skeletonizer, Rose Chafer: 1 to 3 quarts per acre or 1 to 1½ quarts per 100 gallons of water at 100 to 200 gallons per acre. PHI: 14 days.

### LIVESTOCK

**BEEF CATTLE: SHEEP: SWINE: NON-LACTATING DAIRY CATTLE: NON-LACTATING GOATS -**  
For control of Hornflies, Lice and Fleas: Repeat treatment every 3 weeks as needed; may be used on young dairy animals up to two weeks of freshening.

Spray or Dip - Use 1 quart in 25 gallons of water. As a spray, wet animals to the skin. For control of tail louse of cattle, use 2 to 3 quarts in 25 gallons of water and apply as a spray on infested tail only.

Hogs - For control of lice, use  $\frac{1}{2}$  quart Methoxychlor 4 L Insecticide to 12 $\frac{1}{2}$  gallons of water applied as a drenching spray.

**CONTACT AND SPACE SPRAY FOR FLIES -** To reduce populations of houseflies and stable flies in farm buildings (except poultry houses,) in barnyards, in alleys, on dumps and other outdoor locations, dilute  $\frac{1}{2}$  pint of Methoxychlor 4L Insecticide with 2 $\frac{1}{2}$  gallons of water and apply in space by mist blower or directly to flies by hydraulic sprayers, hand sprayer or cylindrical pressure sprayer. 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.

**COMPATIBILITY -** Do not use this product with any spray materials which are incompatible with oil. Do not apply within 14 days of sulfur or sulfur-product applications.

### STORAGE AND DISPOSAL

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

**STORAGE:** If container is damaged: Stop any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required as to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent on to a shovel and put the sweepings into a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use, pour or spill near heat or open flame.

**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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

FEB 15 1984

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

Dear Mr. Sanchez:

Subject: Prentox Methoxychlor 4L Insecticide  
EPA Registration No. 655-748  
Your Application Dated November 30, 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

DCR-28465:Ellenberger:1/31/84:CBI-14:CM#2:Rm.217:557-2386:del.2/13/84:pac