

05-JUL-2004 Notification received of a label change. See below for this change.

17-FEB-1999

CLEAN CROP(R)

METHOXYCHLOR
240

Insecticide

COMMERCIAL

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

GUARANTEE:

Methoxychlor 240 g/L

REGISTRATION NO. 13727
PEST CONTROL PRODUCTS ACT

Net 10 L

Notification Change

UNITED AGRI PRODUCTS CANADA INC. □

**789 DONNYBROOK DRIVE □
DORCHESTER ON N0L 1G5**

~~United Agri Products
RR # 2
Dorchester, Ontario
N0L 1G5~~

IMPORTANT: Users should observe the usual precautions concerning applications of oil containing products to crops during high temperatures, since many crops are then more susceptible to oil injury. Do not use this product with any spray materials which are incompatible with oil. IF EXPOSED TO PROLONGED COLD, PLACE IN WARM STORAGE (10'C to 27'C) FOR SEVERAL HOURS AND AGITATE BEFORE USING.

DIRECTIONS FOR USE:

Methoxychlor 240 Insecticide is an emulsifiable liquid which contains 240 grams technical Methoxychlor per litre. It is for dilution with water and use as a spray to control certain insects. CROP USES - METHOXYCHLOR 240 can be used to control certain insects on a number of crops. Consult the table below for directions. This table shows a range of doses for each use. Use the lower dose when the crop is young and infestation is light. Use the higher rate on fully grown crops with severe infestations. Apply in sufficient water to obtain thorough uniform coverage (usually 1000 L of water is required to cover 1 ha). Begin treatment at first sign of insects.

GARDEN CROPS: Use 3-9 L/ha on the following crops (except asparagus).

BEANS: Bean leaf beetles, Bean weevils, Leafhoppers and Mexican bean beetles.

BEETS, CARROTS, EGGPLANTS, LETTUCE, PEPPERS, RADISHES, SPINACH & TURNIPS: Blister beetles, Flea beetles and Leafhoppers.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE & CAULIFLOWER: Cabbage worms and Flea beetles.

CUCUMBERS, PUMPKINS & SQUASH: Cucumber beetles, Flea beetles and Leafhoppers.

ONIONS: Thrips.

PEAS: Pea weevils.

POTATOES: Blister beetles, Colorado potato beetles, Flea beetles and Leafhoppers.

TOMATOES: Blister beetles, Fall armyworms, Flea beetles and Tomato fruit worms.

ASPARAGUS: Asparagus beetles use 4-10 L/ha. Amount to be used depends on the size of the crop plants.

NOTE: Use with caution on cucurbits. Do not use on young lima bean plants. Do not feed treated crops or crop refuse to animals. Do not apply within 1 day of harvest on cucumbers, eggplants, peppers, pumpkins, squash and tomatoes; within 3 days on asparagus and cabbage; within 7 days on beans, beets, cauliflower, onions, peas, potatoes, radishes and turnips; and within 14 days on broccoli, brussels sprouts, lettuce and spinach. May be used on carrots or turnips within 1 day of harvest if tops are not to be used for food or feed.

TREE FRUITS: APPLES, APRICOTS, CHERRIES, PEACHES, PEARS & PLUMS: To control Cherry fruit flies and Plum curculio, use 4-9 L/1000 L of water and give sufficient spray to cover all foliage and fruits thoroughly. Start spraying at petal fall and use 2-3 applications at 7-14 day intervals as needed. Do not apply within 7 days of harvest on apples, cherries, pears, and plums; and within 21 days on apricots and peaches. Do not spray during bloom.

SMALL FRUITS: CURRANTS, GOOSEBERRIES & STRAWBERRIES: To control Currant fruit flies and Strawberry weevils, use 5-10 L in 1000 L of water/ha. Do not apply within 14 days of harvest. Do not apply during bloom.

BRUCE SPANWORMS & WINTER MOTHS ON TREE FRUITS & ORNAMENTAL TREES (B.C. only): Mix 400 mL/100 L of water and spray trees thoroughly. Apply in the spring at the time when blossom buds on the trees are in the pre-

pink stage (before blossom).

Use a second spray after blossom time if required. Do not spray during bloom. Do not apply to fruit trees within the following pre-harvest intervals: 7 days - apples, cherries, pears, and plums. 21 days - apricots, peaches.

For best results follow provincial recommendations for timing.

ORNAMENTALS, TREES, SHRUBS, FLOWERS & HOUSE PLANTS: To control Caterpillars, Elm leaf beetles, Flea beetles, Lace bugs, Leafhoppers, May beetles, Tent caterpillars, Thrips, Rose Chafers, Rose leaf beetles, Rose slugs, Webworms and Weevils. Add 400 mL of METHOXYCHLOR to 100 L of water to make a 0.1% emulsion. Spray plants thoroughly.

TABLE OF CROP USES

Crop	Insect Pests	Dose (Hectare)	Timing	Limitations
Alfalfa, Clover	Alfalfa weevil, sweet clover weevil, flea beetles, Leafhoppers, grasshoppers	5 to 6.25 Litres	Apply to foliage when infestations occur. Repeat at intervals of 7 to 10 days as necessary.	Do not treat during bloom. Do not apply later than 7 days before harvesting or grazing.
Alfalfa, Clover, Wheat, Oats, Barley, Rye, Corn	Armyworm	7 to 11.25 Litres	Apply to foliage at first sign of infestation. Repeat at 7 to 14 day intervals as needed.	

LIVESTOCK USES - (DO NOT USE ON DAIRY ANIMALS) - Methoxychlor 240 can be used to control certain external insect parasites on animals. Prepare a spray by mixing 22 - 45 mL of Methoxychlor 240 with 1 Litre of water. Use the higher dose for mature animals. See chart for young animals. DO NOT USE IN DIPPING VATS.

TABLE OF LIVESTOCK USES

Animal	Insect Pest	Rate of Diluted Spray per Animal	Remarks	Limitations
Beef Cattle	Hornflies	2.2 Litres	Use on mature animals only. Repeat daily if necessary for control.	Do not use on young animals. Do not apply within 7 days of slaughter.
Sheep	Ticks	30 - 55 mL	Apply after shearing. Repeat every 2 weeks.	Use the lower concentration on lambs. Do not apply within 7 days of slaughter.
Horses	Stable flies, Mosquitoes, Fleas	30 - 55 mL	Repeat daily if necessary for control.	Use the lower concentration on young animals. Do not apply within 7 days of slaughter.
Dogs	Ticks, Fleas, Lice	Spray lightly to moisten coat.	Use on adult dogs.	Do not use on puppies.

BACKRUBBERS FOR BEEF CATTLE (Do not use on dairy cattle).

To control hornflies with a self-applicator - Mix 5 L Methoxychlor 240 with 20 L of diesel fuel or furnace oil. Soak backrubber in the solution. Keep the backrubber moist by re-soaking every 2 to 3 weeks in a fresh solution prepared in the same way.

MOSQUITOES AND BLACK FLIES ON NON-CROP VEGETATION AND OTHER OUTDOOR AREAS ADULT MOSQUITOES, GNATS AND BLACKFLIES - Avoid treatment of streams, lakes or ponds where valuable fish may be harmed. Aircraft application - Mix 10 L Methoxychlor 240 with 40 L water or diesel oil. Apply 4.25 to 5.50 L/ha of the spray mix. Ground application using Thermal Fogger - Mix 5 L Methoxychlor 240 with 20 L of diesel oil or No. 2 fuel oil. Apply 0.75 to 1.50 L/ha of the mixture using thermal aerosol generator. Repeat to control adult biting flies when necessary.

MUSHROOM HOUSES - METHOXYCHLOR 240 INSECTICIDE can be used to control phorid and sciarid flies in mushroom houses between crops and prior to production.

TABLE OF USES IN MUSHROOM HOUSES FOR PHORID AND SCIARID FLY CONTROL

Time Period	Quantity of Methoxychlor 240 per 1000 L Water	Directions	Remarks
Between Crops	20 L	When house is empty - spray interior walls, windows and woodwork to the point of run-off 5 L/100 m ² spray mix.	Repeat monthly until Fall filing begins.
Pre-Spawning	20 L	Apply 5 L/100 m ² spray mix during cool down when air temperature drops to 32°C.	Do not spray ceilings or beds.
Pre-Casing	20 L	Apply 5 L/100 m ² spray mix 14 days after the pre-spawning spray and at least 4 days before casing.	Do not spray ceiling or beds. This spray can be mixed with dimethoate or malathion.
Pre-Production	10 L	Apply 5 L/100 m ² spray mix 7 days after casing. Use brush to treat sideboards.	Do not spray ceilings or beds. This spray can be mixed with dimethoate or malathion. Follow Provincial recommendations.

ELM TREES - To control native and European Elm Bark Beetles, the principal carriers of the fungus which causes Dutch Elm Disease, apply two sprays. The first should be applied in late winter when the buds are dormant but the temperature is over 5°C. Apply the second in July. This treatment will be effective in reducing the spread of Dutch Elm Disease only if it is carried out in conjunction with good sanitation measures.

ELM TREE SPRAY TABLE

Time of Spray	Type of Application	Spray Concentration	Quantity of Spray Mix per 15 m Tree
Dormant	Mistblower	50 L in 100 litres of water (12% solution)	10-11.5 L
Dormant	Hydraulic	80 L in 1000 litres of water	110 L
Summer	Mistblower	25 L in 100 L of water (6% solution)	10-11.5 L
Summer	Hydraulic	40 L in 1000 L of water	110 L

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Avoid inhaling spray mist. Avoid contact with skin, eyes and clothing. Avoid contamination of feed and food. Do not contaminate mangers, drinking troughs or utensils. Wash after using. Avoid contamination of ponds, lakes, streams and other bodies of water which contain fish life or which may be used for irrigation or domestic purposes.

FIRST AID: For external contact, wash with soap and water. If in eyes, flush with plenty of water for 15 minutes. This product contains petroleum distillate. If swallowed do not induce vomiting. If patient is unconscious give him air. Call a Doctor or poison control centre immediately.

STORAGE: Store away from food and feed.

DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements
5. For information on the disposal of unused, unwanted product and the clean-up of spills contact the provincial regulatory agency or the manufacturer.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product

and accepts the product on that condition.

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