

DATA SHEET

USDA Fed. Reg. No. 148-1155

ET NO. ... WARD CHEMICAL COMPANY - 5200 SPEAKER ROAD - KANSAS CITY, KANSAS 66110

7/2 off 16-1974  
ACCEPTED  
400-361  
1974

148-1155



# METHO-D Insecticide

FOR CONTROL OF INSECTS ON ALFALFA,  
CLOVER, VEGETABLES, AND SMALL FRUITS

**CAUTION Keep Out of Reach of Children**

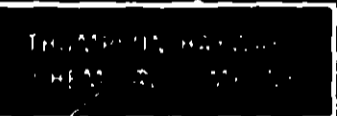
SEE OTHER PANEL FOR ADDITIONAL CAUTIONS.

<b>ACTIVE INGREDIENTS:</b>	
1,1,1-trichloro-2,2-bis(4-chlorophenyl) ethane	20.0%
O,O-diethyl O-(2-isopropyl 6-methyl-4-pyrimidinyl)- phosphorothioate	10.0%
	59.0%
<b>INERT INGREDIENTS:</b>	11.0%
Total	100.0%

Equivalent to 17.0% 2,2-bis(4-chlorophenyl)-1,1,1-trichloroethane and 2.4% other solvents and reaction products

EPA Reg. No. 148-1155

CG-2-74-A



**Cabbages:** Aphids, Imported Cabbageworms, Diamondback Moths, Flea Beetles: Do not apply within 7 days of harvest.

**Carrots:** Aphids, Imported Cabbageworms, Diamondback Moths, Flea Beetles: Do not apply within 7 days of harvest.

**Corn:** Aphids, Leafhoppers. Do not apply within 10 days of harvest or 14 days if tops are used for food or feed.

**Corn:** Aphids, Corn Earworms, Diamondback Moths, Flea Beetles, Harlequin Cabbage Bugs, Imported Cabbageworms: Do not apply within 14 days of harvest.

**Corn:** Fall Armyworms, Flea Beetles, Grasshoppers, Japanese Beetles, Rose Chafers: Do not apply within 7 days of harvest.

**Cucumbers:** Aphids, Cucumber Beetles, Serpentine Leaf Miners, Thrips: Do not apply within 7 days of harvest.

**Beans:** Aphids, Corn Earworms, Diamondback Moths, Flea Beetles, Harlequin Cabbage Bugs: Do not apply within 14 days of harvest.

**Lettuces:** Aphids, Dipterous Leaf Miners, Leafhoppers: Do not apply within 14 days of harvest.

**Melons (Cantaloupes, Muskmelons, Watermelons):** Aphids, Cucumber Beetles, Leafhoppers, Melon Worms, Mites, Serpentine Leaf Miners, Thrips: Do not apply within 3 days of harvest.

**Peas:** Aphids, Pea weevils: Do not apply within 7 days of harvest or grazing.

**Potatoes:** Aphids, Banded Cucumber Beetles, Blister Beetles, Colorado Potato Beetles, Dipterous Leaf Miners, Flea Beetles, Leafhoppers, Southern Armyworms: Do not apply within 35 days of harvest.

**Radishes:** Aphids, Dipterous Leaf Miners, Flea Beetles: Do not apply within 10 days of harvest.

**Squash (Summer and Winter):** Aphids, Cucumber Beetles, Leafhoppers, Mites, Squash Vine Borer: Do not apply to winter squash within 3 days, or summer squash within 10 days of harvest.

**Tomatoes:** Aphids, Blister Beetles, Dipterous Leaf Miners, Fall Armyworms, Flea Beetles, Japanese Beetles, Tomato Fruitworms: Do not apply within 1 day of harvest.

**Turnips:** Aphids, Dipterous Leaf Miners, Flea Beetles: Do not apply within 10 days of harvest or 14 days if tops are to be used as food or feed.

### AERIAL APPLICATION

METHO-D INSECTICIDE may be effectively applied by aircraft. Aerial applications may be made on those crops where such applications are practical or are accepted practice. Refer to the specific crop and use under the Directions For Use section for the rate and timing of application. Mix the recommended amount of METHO-D INSECTICIDE in sufficient water to apply a minimum of 2 gallons of spray per acre.

Observe the Caution statement and all precautions on the label to avoid any effects to application personnel or crops. Pilgrims and loaders should wash thoroughly after handling, before eating and at the end of each day's operation.

Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Do not blow spray lines or dump contents while in flight.

# Insecticide

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 SMALL FRUITS  
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1,1-trichloroethane and 2.4%

CG-2-74-A

**Cabbage:** Aphids, Imported Cabbageworms, Diamondback Moths, Flea Beetles: Do not apply within 7 days of harvest.  
**Cauliflower:** Aphids, Imported Cabbageworms, Diamondback Moths, Flea Beetles: Do not apply within 7 days of harvest.  
**Carrots:** Aphids, Leafhoppers: Do not apply within 10 days of harvest or 14 days if tops are used for food or feed.  
**Collards:** Aphids, Corn Earworms, Diamondback Moths, Flea Beetles, Harlequin Cabbage Bugs, Imported Cabbageworms: Do not apply within 14 days of harvest.  
**Corn:** Fall Armyworms, Flea Beetles, Grasshoppers, Japanese Beetles, Root Cutworms: Do not apply within 7 days of harvest.  
**Cucumbers:** Aphids, Cucumber Beetles, Serpentine Leaf Miners, Thrips: Do not apply within 7 days of harvest.  
**Kale:** Aphids, Corn Earworms, Diamondback Moths, Flea Beetles, Harlequin Cabbage Bugs: Do not apply within 14 days of harvest.  
**Lettuces:** Aphids, Dipterous Leaf Miners, Leafhoppers: Do not apply within 14 days of harvest.  
**Melons (Cantaloupes, Muskmelons, Watermelons):** Aphids, Cucumber Beetles, Leafhoppers, Melon Worms, Mites, Serpentine Leaf Miners, Thrips: Do not apply within 3 days of harvest.  
**Peas:** Aphids, Pea weevils: Do not apply within 7 days of harvest or grazing.  
**Potatoes:** Aphids, Banded Cucumber Beetles, Blister Beetles, Colorado Potato Beetles, Dipterous Leaf Miners, Flea Beetles, Leafhoppers, Southern Armyworms: Do not apply within 35 days of harvest.  
**Radishes:** Aphids, Dipterous Leaf Miners, Flea Beetles: Do not apply within 10 days of harvest.  
**Squash (Summer and Winter):** Aphids, Cucumber Beetles, Leafhoppers, Mites, Squash Vine Borers: Do not apply to winter squash within 3 days, or summer squash within 10 days of harvest.  
**Tomatoes:** Aphids, Blister Beetles, Dipterous Leaf Miners, Fall Armyworms, Flea Beetles, Japanese Beetles, Tomato Fruitworms: Do not apply within 1 day of harvest.  
**Turnips:** Aphids, Dipterous Leaf Miners, Flea Beetles: Do not apply within 10 days of harvest or 14 days if tops are to be used as food or feed.

**AERIAL APPLICATION**

METHO-D INSECTICIDE may be effectively applied by aircraft. Aerial applications may be made on those crops where such applications are practical or are accepted practice. Refer to the specific crop and use under the Directions For Use section for the rate and timing of application. Mix the recommended amount of METHO-D INSECTICIDE in sufficient water to apply a minimum of 2 gallons of spray per acre.  
 Observe the Caution statement and all precautions on the label to avoid any effects to application personnel or crops. Pilots and loaders should wash thoroughly after handling, before eating and at the end of each day's operation.  
 Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.  
 Do not blow spray lines or dump contents while in flight.

DO NOT USE, POUR,  
 SPILL, OR STORE  
 NEAR HEAT OR OPEN FLAME.

NOTICE — Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.



7/11/74  
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440-361  
1974



GENERAL INFORMATION

METHO-D INSECTICIDE is an emulsifiable solution which is to be diluted with water. When ground applications are to be made, dilute with water according to the Directions for Use section. For application by aircraft, refer to the Aerial Application section of the label.

METHO-D INSECTICIDE is intended for use against insect pests of agricultural crops and should not be used in barns or dwellings. Applications should be repeated as necessary to maintain control.

DIRECTION FOR USE

**FORAGE INSECTS— Alfalfa and Clover (Pure Stands and Stands Containing Grass):** Alfalfa Weevil Larvae, Egyptian Alfalfa Weevils, Pea Aphids, Yellow Clover Aphids, Spotted Alfalfa Aphids, Leafhoppers, Plant Bug Nymphs, Mites. Apply 2-3 quarts per acre in sufficient water to achieve thorough coverage. Apply when 30-50% of the growing tips show feeding damage. Repeat as infestations warrant. Do not treat during bloom to avoid injury to beneficial insects.

**Alfalfa Caterpillars, Armyworms, Fall Armyworms, Flea Beetles, Grasshoppers, Japanese Beetles, Lygus Bugs, Spittlebugs.** Apply 2 1/2-3 quarts per acre in sufficient water to achieve thorough coverage when insects first appear. Repeat as infestations warrant. Do not treat during bloom to avoid injury to beneficial insects.

**Note:** Dairy and beef cattle and sheep may be grazed 7 days following treatment, 2 may be fed green forage or hay provided alfalfa or clover is not cut for 7 days following treatment. Do not spray livestock directly with either air or ground equipment.

**Small Fruit Insects:** For the control of the insects on the following crops, apply 2 1/2 quarts per 100 gallons of water per acre as a thorough cover spray, when insects first appear. Repeat applications at 7-10 day intervals as infestations warrant.

**Cranberries:** Cranberry Fruitworms, Leafhoppers, Spittlebugs. Do not apply within 14 days of harvest.

**Grapes:** Flea Beetles, Grape Berry Moths, Grape Leaf Foldlers, Grape Leaf Skeletonizers, Japanese Beetles, Leafhoppers, Pacific Mites, Rose Chiggers. For Grape Berry Moths, apply as a post-bloom cover spray and repeat 10 days later. Make third and fourth applications at 10 day intervals if necessary. Do not apply within 14 days of harvest.

**Note:** The California Department of Agriculture has set a 3 day re-entry interval for Diazinon on grapes. Five days should elapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with treated foliage. When a mixture of two or more organic phosphate pesticides are applied in combination, the interval should be prolonged by adding to the largest applicable interval an additional 1/2 of that interval.

**Strawberries:** Aphids, Flea Beetles, Spittlebugs, Strawberry Leaf Beetles, Strawberry Leaf Miner, Strawberry Weevils, Two Spotted Mites. Do not apply within 14 days of harvest.

**Vegetable Insects:** For the control of the insects on the following crops, use 2 1/2 quarts per acre in sufficient water for thorough coverage. Begin treatment at first sign of insect infestation and repeat at 7-10 day intervals as infestation warrants.

**Broccoli:** Aphids, Imported Cabbageworms, Diamondback Moths, Flea Beetles. Do not apply within 14 days of harvest.

CAUTION

Avoid contact with skin, eyes, and clothing. Avoid contamination of food and feed. Wash thoroughly after handling. Harmful if swallowed. May be absorbed through skin. Avoid breathing spray mist.

FISH AND WILDLIFE CAUTION

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate any body of water by direct application, cleaning of equipment, or disposal of wastes and containers. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. For more information may be obtained from your Cooperative Agriculture Extension Service.

CONTAINER DISPOSAL

Do not reuse empty container. Destroy by perforating or crushing and burying in a safe place. Store at temperature above 32 F.

METHO-D

FOR CONTROL OF INSECT PESTS ON CLOVER, VEGETABLES, AND FRUIT CROPS

CAUTION Keep Out of Reach of Children

SEE OTHER PANEL FOR ADDITIONAL INFORMATION

ACTIVE INGREDIENTS: Metho-D (Diazinon) 50% EC, 1.0%  
INERT INGREDIENTS: 99.0%

Equivalent to 1.0% Diazinon in other formulations. Other solvents and reaction products.

EPA Reg. No. 14-



THOMPSON-HAYWARD CHEMICAL