



For Control of Various Insects on Livestock, Forage Crops, Agricultural Premises, Farm Buildings, Grain Storage Bins, Ornamentals and Shade Trees

ACTIVE INGREDIENTS: Methoxychlor, technical 25.0%
INERT INGREDIENTS 75.0%

*Equivalent to 2.22 lb. a.i. methoxychlor per gallon of water.

Product of the Dow Chemical Company, Methoxychlor per gallon

CAUTION: KEEP OUT OF REACH OF CHILDREN
Read entire label before using this product

CAUTION: May be harmful if swallowed. Avoid contact with skin. Avoid contact with eyes. Avoid contamination of feed, seed and feedstuff.

Keep out of reach of children. Do not use in or near buildings, barns, or other structures. Do not apply when weather conditions are such that spray from area treated may drift in any manner or amount.

CONTAINER DISPOSAL: Empty container completely by pouring contents into a safe place and discard in a safe place away from water supplies. Return drums to a collection center.

WARRANTY - CONDITION OF SALE: DIRECTIONS FOR USE of this product are based on tests and tests believed reliable and should be followed carefully. This is however, impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, time of application and manner of use for application are beyond the control of the Dow Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result. ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

The Dow Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use as modified by the label or other material which the Dow Chemical Company has printed. This is however, impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, time of application and manner of use for application are beyond the control of the Dow Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result. ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

GENERAL INFORMATION: METHOXYCHLOR 2-E.C. is a contact insecticide. It is effective against a wide range of insects on livestock, forage crops, agricultural premises, farm buildings, grain storage bins, ornamentals and shade trees. It is suitable for use in the high or low volume application methods.

When applying METHOXYCHLOR 2-E.C. insecticide, use sufficient quantity to wet the surfaces to be treated.

Do not use this product with any spray materials that are incompatible with it. DO NOT APPLY within 14 days of milking or other farm production.

CAUTION: This product is toxic to bees and other beneficial insects. Do not spray directly on or near the area being treated.

DIRECTIONS FOR USE

FORAGE CROPS: Alfalfa, clover, grass, sorghum, sudangrass and peanut hay. Apply the following rate of METHOXYCHLOR 2-E.C. insecticide in 15 to 30 gallons of water per acre. Apply every 10 to 14 days or as needed. Do not apply during flowering. Do not apply later than 1 day before harvesting or grazing.

Table listing insects on forage crops and their control rates. Includes Alfalfa caterpillar, flea beetle, Alfalfa weevil, Japanese beetle, and others.

*If pea aphid and/or green stink bug are present, use 1/2 to 1/4 lb. a.i. insecticide per acre.

VEGETABLES: For the control of the following insects apply 2 to 4 quarts of METHOXYCHLOR 2-E.C. insecticide in 25 gallons of water per acre. Do not spray open and well developed fruit. Begin treatment at the beginning of insect infestation and repeat at 7 to 10 day intervals as infestation worsens.

Table listing insects on vegetables and their control rates. Includes Cucumber, Eggplant, Asparagus, Beans, and Broccoli/peas/cabbage.

Table listing insects on various crops and their control rates. Includes Vegetables (continued), Corn, Soybean, and other crops.

LIVESTOCK (Beef and Dairy Cattle, Goats, Sheep and Swine)

METHOXYCHLOR 2-E.C. is a contact insecticide. It is effective against a wide range of insects on livestock, forage crops, agricultural premises, farm buildings, grain storage bins, ornamentals and shade trees. It is suitable for use in the high or low volume application methods.

Beef Cattle: Mix 2 quarts of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water. Do not use in dipping vats.

Spot Treatment for Tail Lice: Mix 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water. Do not apply to animals being finished for slaughter. Do not contaminate feed or water.

Dairy Cattle (Non-Lactating): Mix 2 quarts of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water. Do not use as a dip. Do not apply during lactation or within 2 weeks of freshening.

Goats, Sheep and Swine: Mix 2 quarts of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water. Do not apply to lactating goats.

AGRICULTURAL PREMISES

Use 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water for the control of insects on agricultural premises.

Farm Buildings (Barns, Milk Rooms, Pens, Stalls, Alleys and Dumps): Mix 2 quarts of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water. Do not apply to animals while treating barns. Do not contaminate milk, feed or drinking water.

Grain Storage Bins: Mix 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water. Apply 1 gallon of mixture to each bin. Do not apply to grain being stored.

Elevator Tunnels, Gallery Floors, Head Houses: Mix 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water. Apply 1 gallon of mixture to each tunnel or floor.

MOSQUITO CONTROL: METHOXYCHLOR 2-E.C. is a contact insecticide. It is effective against a wide range of insects on livestock, forage crops, agricultural premises, farm buildings, grain storage bins, ornamentals and shade trees. It is suitable for use in the high or low volume application methods.

Adult Mosquitoes - Thermal fogging: Effective against a wide range of insects on livestock, forage crops, agricultural premises, farm buildings, grain storage bins, ornamentals and shade trees. It is suitable for use in the high or low volume application methods.

For fogging larger areas, prepare a 100-gallon batch of 200 gallons of water and 10 quarts of METHOXYCHLOR 2-E.C. insecticide. Apply 5 to 7 gallons per acre.

For fogging smaller areas, mix 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water. Apply 15 gallons per acre.

Adult Mosquitoes - Mist blowers or sprayer equipment: Effective against a wide range of insects on livestock, forage crops, agricultural premises, farm buildings, grain storage bins, ornamentals and shade trees. It is suitable for use in the high or low volume application methods.

For mist blowers or sprayers, mix 4 quarts of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water and apply 5 to 7 gallons per acre.

For spraying smaller areas, mix 1/2 to 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water and apply 5 gallons per acre.

For aerial application over large land masses at low volume, mix 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water and apply approximately 4 gallons per acre.

For mosquito larval control, mix 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water and apply approximately 4 gallons per acre.

Thorough, even coverage is essential for effective control. Repeat applications as warranted. Apply only to known mosquito breeding sites.

NOTE: This product is toxic to fish. Keep out of lakes, streams, etc. Fish Hates is recommended on this label are toxic to shrimp and crabs. Do not apply where these species are an important resource. Do not apply to water drainage areas where runoff or flooding will contaminate ponds.

FOREST AND SHADE TREES: For control of the following insects on forest and shade trees, use the following solution with a mist blower at rates recommended in the following table.

Mix 1 gallon METHOXYCHLOR 2-E.C. insecticide per 3 gallons of water to mist blow over 100 to 200 square feet of METHOXYCHLOR 2-E.C. insecticide per 100 gallons of water.

Table showing insect control rates for forest and shade trees based on tree height and insect type.

Control of Elm Bark Beetle (Vectors of Dutch Elm Disease): Apply 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water to each tree.

Control of Elm Leafhopper (Vectors of Elm Phloem Necrosis): Apply 1 quart of METHOXYCHLOR 2-E.C. insecticide in 100 gallons of water to each tree.

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ACCEPTED
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For Control of Various Insects on Livestock, Forage Crops, Agricultural Premises, Farm Buildings, and

ACTIVE INGREDIENTS:
 Methoxychlor, technical* 25.0
INERT INGREDIENTS 75.0%

*Equivalent to 22-2,2-bis(p-methoxyphenyl)propane-1,1-diol and its 3 other isomers and related compounds.
 Product contains 2 lbs. technical Methoxychlor per gallon.

CAUTION: KEEP OUT OF REACH OF CHILDREN

Read entire label before use.

Harmful if swallowed. Avoid contact with skin. Avoid breathing spray. Do not use on feed, seed and foodstuff.
 Do not contaminate water by cleaning of equipment.
 Do not apply when weather conditions favor drift spray from area treated.

WARRANTIES: This product conforms to the chemical description on the label and the purposes referred to in the directions for use as modified by the above. It makes no other warranties, express or implied, including FITNESS or MERCHANTABILITY. Ecological Mfg. Corp. or the Seller be liable for consequential damages resulting from the use or handling of this product. The foregoing is a legal Mfg. Corp. and is accepted as such by the Buyer.

PREPARATION: METHOXYCHLOR 2 E.C. Insecticide contains 2 lbs. technical insecticide per gallon. On mixing with water it forms a stable emulsion for the control of various insects on either high or low volume application equipment.

APPLICATION: METHOXYCHLOR 2 E.C. Insecticide, use sufficient spray volume to thoroughly wet treated area.
 Do not mix with any spray materials that is not compatible with it. Do not apply to wet or sulfur containing products.
 Do not apply to areas where bees are actively visiting.

USE: METHOXYCHLOR 2 E.C. Insecticide is effective for control of the following insects on alfalfa, clover, grass, soybean, cowpea and peanut forage. Apply the following amount of METHOXYCHLOR 2 E.C. Insecticide in 15 to 30 gallons of water per acre. Apply evenly. Do not apply during blooming. No application later than 7 days before harvest.

Insects	Application Rate
alfalfa webworm	1 to 2 qts. per acre
bean beetle	1 1/2 to 2 qts. per acre
alfalfa weevil, Mexican bean beetle, caterpillar, velvet	2 to 4 qts. per acre

Insects	Application Rate
Colorado potato beetle	3 qts. per acre
leaf hopper	3 to 4 qts. per acre

Use the following as an alternate program for control of alfalfa weevil larvae: apply 1 to 1 1/4 lbs. active ingredient per acre.

For the control of the following insects apply 2 to 4 quarts of METHOXYCHLOR 2 E.C. Insecticide in 15 to 30 gallons of water per acre. Thoroughly spray upper and lower foliage surfaces. Begin treatment at first sign of insect infestation and repeat at 7 to 10 day intervals.

Insects	Interval to Harvest
Flea beetle, blister beetle, Colorado potato beetle, leaf hopper	0 days
Asparagus beetle	3 days. If applied after water, remove residues by washing or blanching spears.
Bear leaf beetle, corn earworm, fall armyworm, Japanese beetle, leathopper, rose chafer, Mexican bean beetle	3 days
Cowpea cutworm	3 days

Vegetables (non-treated)

Bean	Flea beetle
Cauliflower	Flea beetle
Cucumbers	Flea beetle, cucumber beetle, spotted cucumber beetle
Eggplant	Flea beetle
Kohlrabi	Flea beetle
Melons	Flea beetle
Peas	Flea beetle
Peppers	Flea beetle, Colorado potato beetle, flea beetle, leathopper, fall armyworm, tomato fruitworm
Pumpkins	Cucumber beetle, spotted cucumber beetle, flea beetle
Radishes	Flea beetle
Rutabaga	Flea beetle
Squash	Cucumber beetle, spotted cucumber beetle, blister beetle, Colorado potato beetle, flea beetle, leathopper, fall armyworm, tomato fruitworm, Japanese beetle, tomato hornworm
Tomatoes	Fall armyworm, flea beetle, Japanese beetle, rose chafer, Corn earworm. Apply to stalks as soon as they appear. Make 3 to 4 applications at 2 to 3 day intervals as infestation warrants. Reapply immediately after a rain.

Corn field & sweet	Flea beetle, fall armyworm, Japanese beetle, rose chafer
Corn (sweet)	Corn earworm. Apply to stalks as soon as they appear. Make 3 to 4 applications at 2 to 3 day intervals as infestation warrants. Reapply immediately after a rain.

Beans	Imported cabbage worm, cross striped cabbage worm, flea beetle
Brussels sprouts	Imported cabbage worm, cross striped cabbage worm, flea beetle
Cauliflowers	Flea beetle
Kale	Flea beetle
Turnips	Flea beetle

LIVESTOCK (Beef and Dairy Cattle, Goats, Sheep and Swine) - Apply the following amount of METHOXYCHLOR 2 E.C. Insecticide for the control of fleas, ticks, lice, ticks, keds and flies.
Beef Cattle - Mix 1 quart in 25 gallons of water. As a spray use 1 quart of the mixture per head. For dipping use 1 quart per 100 lbs. of live weight. Thoroughly wet animals. Do not use in dipping vats.

Spot Treatment for Tsetse Lice - Mix 1 quart in 6 gallons of water and spray on the infested animal. Do not apply to animals being finished for slaughter. Do not contaminate feed or water.

Dairy Cattle (Non Lactating) - Mix 1 quart in 25 gallons of water. As a spray use 2 quarts of the mixture per head for larger animals and proportionately less for smaller ones. Thoroughly wet animals. Do not use as a dip. Do not apply during lactation or within 2 weeks of freshening.

Goats, Sheep and Swine - Mix 2 quarts in 25 gallons of water. As a spray, thoroughly wet animals. Do not apply to lactating goats.

AGRICULTURAL PREMISES - Thoroughly clean premises. Thoroughly wash and disinfect floors, walls, and other surfaces. Apply the following rates as specified for various areas.
Farm Buildings (Barns, Milk Rooms, Pens, Stalls, Alleys and Dumps) - Mix 1 quart METHOXYCHLOR 2 E.C. Insecticide in 2 1/2 gallons of water. Use as a residual spray applying 1 gallon of the prepared spray to 500 sq. ft. Repeat applications are required for effective control. Exclude dairy animals while treating barns. Do not contaminate milk, feed or drinking water.

Grain Storage Bins - Mix 1 quart METHOXYCHLOR 2 E.C. Insecticide in 2 1/2 gallons of water. Apply 1 gallon of mixture to 500 sq. ft. Apply as a residual spray to all exposed surfaces paying attention to all cracks and crevices. Allow bins to air and dry before refilling with grain, 2 to 4 weeks.

Elevator Tunnels, Gallery Floors, Head Houses - Mix 1 quart METHOXYCHLOR 2 E.C. Insecticide in 2 1/2 gallons of water. Apply 1 gallon of mixture to 500 sq. ft. Clean area thoroughly before spraying. Treat about 3 times per season (summer).

MOSQUITO CONTROL - METHOXYCHLOR 2 E.C. Insecticide is effective for controlling both adult and larval mosquitoes on non agricultural lands such as parks, beaches, public dumps and residential areas.

Adult Mosquitoes - Mix 1 quart METHOXYCHLOR 2 E.C. Insecticide in 2 1/2 gallons of water. Apply 1 gallon of mixture to 500 sq. ft. of area. Repeat applications as needed.

Mosquito Larvae - Mix 1 quart METHOXYCHLOR 2 E.C. Insecticide in 2 1/2 gallons of water. Apply 1 gallon of mixture to 500 sq. ft. of area. Repeat applications as needed.

For aerial application over large areas - Mix 1 quart METHOXYCHLOR 2 E.C. Insecticide in 2 1/2 gallons of water. Apply 1 gallon of mixture to 500 sq. ft. of area. Repeat applications as needed.

For mosquito larval control - Mix 1 quart METHOXYCHLOR 2 E.C. Insecticide in 2 1/2 gallons of water. Apply 1 gallon of mixture to 500 sq. ft. of area. Repeat applications as needed.

NOTE: This product is toxic to fish and aquatic insects. Do not apply to water bodies. Do not apply to water bodies where aquatic insects are a resource. Do not apply to water bodies where aquatic insects are a resource. Do not apply to water bodies where aquatic insects are a resource.

FOREST AND SHADE TREES - For control of insects on forest and shade trees, use the following amount of METHOXYCHLOR 2 E.C. Insecticide per gallon of water. Apply 1 gallon of mixture to 500 sq. ft. of area. Repeat applications as needed.

Insects	Parts 6% Solution Per Tree			
	35-50	50-65	65-80	80-100
Cankerworm	2	2	3	4
Eastern tent caterpillar	2	2	3	4
Elm leaf beetle	2	4	6	8
Fall webworm	5	5	4	4
Forest tent caterpillar	1	1.5	2	3
Gypsy moth	5	5	4	4
Japanese beetle	2	4	4	4
Lace bug (Oaks & Sycamore)	1.5	2	3	4
May beetle	1.5	2	3	4
Tussock moth	2	2	3	4

Control of Elm Bark Beetle (Vectors of Dutch Elm Disease) - Apply 1 quart METHOXYCHLOR 2 E.C. Insecticide in 2 1/2 gallons of water. Use as a residual spray on the trunk and lower branches of elm trees. Repeat applications as needed.

Control of Elm Leafhopper (Vectors of Elm Phloem Necrosis) - Apply 1 quart METHOXYCHLOR 2 E.C. Insecticide in 2 1/2 gallons of water. Use as a residual spray on the trunk and lower branches of elm trees. Repeat applications as needed.

Preparation of Spray Solutions - 12% spray - dilute 1 part METHOXYCHLOR 2 E.C. Insecticide with 1 part water. 6% spray - dilute 1 part METHOXYCHLOR 2 E.C. Insecticide with 3 parts water. 2% spray - dilute 1 part METHOXYCHLOR 2 E.C. Insecticide with 12 parts water. 1% spray - dilute 1 part METHOXYCHLOR 2 E.C. Insecticide with 24 parts water.

SOLE BY ECOLOGICAL MFG. CORP. N.Y. N.Y. 10019

Net Contents _____ Gallons EPA Reg. No. 15746-6