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Alfa-tox

ACCEPTED
MAY 21 1958

100-472

Insecticide

For control of insects on alfalfa, clover, vegetables, and small fruits

Active ingredients:	
*Methoxychlor, technical	20%
**O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	10%
Aromatic petroleum derivative solvent	63%
Inert ingredients:	7%
Total:	100%

*Equivalent to 17.6% 2,2-bis(p-methoxyphenyl)-1,1,1-trichloroethane and 2.4% other isomers and reaction products.
**Diazinon* Insecticide

Alfa-tox contains Diazinon and methoxychlor

Keep Out of Reach of Children.

Caution:

See additional precautionary statements left of container seam.

EPA Est. No. 100-472

Control No.

See directions for use on panel at right.

Five Gallons
U.S. Standard Measure

CIBA-GEIGY

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DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

Conditions of Sale and Warranty

The Directions for Use of this product are the opinion of experts based on the current status of the crop and are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherent associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY 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, subject to the inherent risks referred to above. **CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

General Information

Alla-tox is an emulsifiable solution which is to be diluted with water. When ground applications are to be made dilute Alla-tox with water according to the Directions for Use section.

Alla-tox 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.

Aerial Application

Alla-tox may be effectively applied by aircraft. Aerial applications may be made on those crops

where such applications are practical or are accepted practices. Refer to the specific crop and use under the Directions for Use section for the rate and method of application. Mix the recommended amount of Alla-tox 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. Farmers 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 expected. When excessive spray drift may occur, **ACCEPTED** Do not blow spray into a dump contents while in flight.

Directions 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 qts. 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 qts. 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. 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 the ether air or ground equipment.

Small Fruit Insects

For the control of the insects on the following crops, apply 2 1/2 qts. per 100 gals. 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.

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Grapes

Flea Beetles, Grape Berry Moths, Grape Leaf-folders, Grapefruit Sawflies, Aphids, Flea Beetles, Leafhoppers, Pear and Plum Root Weevils, For Grape Berry Moths apply as a pre-bloom cover spray and repeat 10 days later, repeat 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 5-day re-entry interval for Diazinon on grapes. Five days should be observed between the time of application and the time a person may enter the field to engage in any activity involving contact of or contact with treated grapes. If a minimum of two or more organophosphate products is applied in combination, the interval should be prolonged by adding to the shortest re-entry interval an additional 50% of that interval.

Strawberries

Aphids, Flea Beetles, Strawberry Leaf Beetles, Strawberry Leafhoppers, Strawberry Weevils, Twospotted Mites. Do not apply within 5 days of harvest.

Vegetable Insects

For control of the insects on the following crops, use 2 1/2 qts. 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.

Cabbage

Aphids, Imported Cabbageworms, Diamondback Moths, Flea Beetles. Do not apply within 17 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. 14 days if tops are used for food or feed.

Collards

Aphids, Corn Earworms, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Imported Cabbageworms. Do not apply within 14 days of harvest.

Corn

Flea Beetles, Flea Beetles, Leafhoppers, Aphids, Flea Beetles, Root Weevils. Do not apply within 7 days of harvest.

Cucumbers

Aphids, Cucumber Beetles, Spiny-tipped Leaf-miner, Trillips. Do not apply within 7 days of harvest.

Kale

Aphids, Corn Earworms, Diamondback Moths, Flea Beetles, Imported Cabbageworms. Do not apply within 14 days of harvest.

Lettuce

Aphids, Diamondback Moths, Leafhoppers. Do not apply within 14 days of harvest.

Melons (Cantaloupes, Muskmelons, Watermelons)

Aphids, Cucumber Beetles, Leafhoppers, Melon Weevils, Mites, Serpentine Leafminers, Trillips. Do not apply within 14 days of harvest.

Peas

Aphids, Flea Beetles. Do not apply within 7 days of harvest or grazing.

Potatoes

Aphids, Banded Cucumber Beetle, Colorado Potato Beetle, Colorado Potato Beetle, Colorado Leaf-miners, Flea Beetles, Leafhoppers, Southern Armyworms. Do not apply within 35 days of harvest.

Radishes

Aphids, Diamondback Moths, 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, Flea Beetles, Diamondback Moths, Flea Beetles, Japanese Beetles, Tomato Pinworms. Do not apply within 7 days of harvest.

Turnips

Aphids, Diamondback Moths, Flea Beetles. Do not apply within 10 days of harvest or 14 days if tops will be used as food or feed.

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Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide spray mixture, or residue that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in approved landfill or bury in a safe place. Consult federal, state, or local disposal authorities for approved alternative procedures.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Causes eye irritation. Do not get in eyes, on skin or clothing. Harmful if swallowed, inhaled, or absorbed through the skin. Do not breathe vapors. Do not contaminate food or feed.

First Aid: Since Alfa tox is a combination of Diazinon, an organic phosphorus, and methoxychlor, a chlorinated hydrocarbon, the symptoms of poisoning will be related to the toxicity of both products. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. If swallowed, drink a glass of water and induce vomiting by touching finger to back of throat; call a physician. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth (do not give mouth-to-mouth resuscitation if exposure is oral). Remove and wash contaminated clothing before reuse.

Note to Physician: Atropine is antidotal for organic phosphorus poisoning and should be given intravenously in relatively large amounts, 2-4 mg at 1/2 hour intervals until the patient is atropinized. 2-PAM may be given in severe cases. Give supportive therapy as needed.

Environmental Hazards

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.

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

Physical or Chemical Hazards

Store at temperatures above 32 F.

Alfa tox is a trademark of CIBA-GEIGY

Diazinon is a trademark of CIBA-GEIGY

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CIBA-GEIGY Corporation
Greensboro, North Carolina 27409
CGA 16L2N

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