

FOR: LABEL COPY - CYTHON LV CONCENTRATE

DATE: 6/9/71

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(((FRONT PANEL)))

NET CONTENTS
5 Gallons

(((AGWAY)))
T.M.

CYTHON LV CONCENTRATE

Insecticide

ACTIVE INGREDIENTS:

Malathion (O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate) 95.00%

INERT INGREDIENTS:

5.00%
100.00%

One gallon contains 9.7 pounds of Cythion.

CAUTION: (((18 pt. type))) KEEP OUT OF REACH OF CHILDREN. (((12 pt. type))) See additional cautions and warnings on (((fill in))) panel.

(((REAR PANEL)))

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Do not breathe spray mist. Avoid contact with skin. Wash thoroughly after handling. Change contaminated clothing. Do not contaminate food or feed products.

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 Extension Service.

10 CA—50 CHARACTERS
11 TE—60 CHARACTERS

ACCEPTED
JUL 27 - 1971
UNION PACIFIC INSECTICIDE
PUMPS FOR AIRCRAFT ACT
FOR ECONOMIC CONTROL REGISTERED
UNION PACIFIC 8576-184

OK BY

5/11

(((REAR PANEL)))

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

GENERAL INFORMATION

CYTHON LV CONCENTRATE can be effectively applied with conventional aircraft spray equipment by making a few minor modifications in the plumbing and boom assembly.

PUMP: Pumps capable of producing pressures of 40 to 50 psi will be satisfactory. A bleed line at least 3/16 inch in diameter should be installed on the high point of the impeller chamber to release trapped air. This line should bleed back to the top of the tank above the liquid level.

BY-PASS: A by-pass is required from the spray pump outlet to the spray inlet. This line must be equal in diameter to the pump outlet and should contain a valve controllable from the cockpit that will permit adjustments of boom pressure in flight.

The by-pass commonly used to recirculate CYTHON LV CONCENTRATE to the spray tank must be closed to avoid aeration of the insecticide.

BOOM AND NOZZLE PLACEMENT: The distance between the left and right outboard nozzles should be at least 3/4 of the wing span. The total number of nozzles used should be equally spaced across this span if the aircraft is flown at twenty feet or higher. Trailing edge booms are desirable and the nozzles should be placed on boom where pilot can readily see them to check any plugging of nozzles during spray operation. A bleed line at least 3/16 inch in diameter should be attached to the outer end of each boom and routed back to the top of the spray tank but above the liquid level. This line will bleed off pressure and assure spray cut-off. If a nozzle is placed at each end of boom, as many A/Cat spray booms are assembled, this bleed line is not necessary.

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COTTON: For control of boll weevil on cotton, apply 8 to 12 ounces of CYTHION LV CONCENTRATE per acre. Repeat applications as necessary.

ALFALFA, CLOVER, PASTURE AND RANGE GRASS, GRASS AND GRASS HAY, GRAIN CROPS, BEANS, RICE, TOMATOES AND NONAGRICULTURAL LANDS (Wastelands, roadsides, soil bank lands): Adult mosquitoes and flies - Apply CYTHION LV CONCENTRATE at the rate of 2 to 4 fluid ounces for control of adult mosquitoes and at 6 to 8 fluid ounces per acre for control of adult flies. Repeat applications as necessary. On alfalfa, clover, pasture and range grass, grass and grass hay, may be applied on day of harvest or grazing. Do not apply to alfalfa and clover in bloom. On grain crops, make no application within 7 days of harvest or forage use; on corn, within 5 days of harvest or forage use; on rice, within 7 days of harvest; on beans and tomatoes, within 1 day of harvest.

NONAGRICULTURAL LANDS: For control of beet leafhopper on wild host plants, use 8 fluid ounces of CYTHION LV CONCENTRATE per acre. (Consult Local Agricultural Authorities for Proper Timing of Sprays.)

SOYBEANS: For control of Mexican bean beetle and Japanese Beetle, apply 3 fluid ounces of CYTHION LV CONCENTRATE per acre. Make no application within 7 days of harvest or forage use.

BEEF CATTLE - Feed lots and Holding Pens: For control of Adult flies and Mosquitoes, apply 6-8 ounces per acre.

Before using CYTHION LV CONCENTRATE for the preparation of malathion insecticides, manufacturers should consult American Cyanamid Company for manufacturing and safe handling instructions.

DISPOSAL OF DRUMS: Drain drum completely. Add 5 gallons of water, 1 cup of detergent and 2 pounds of lye. Tighten bung. Rotate drum to wet all surfaces and let stand for at least 15 minutes.

(((REAR PANEL)))

Drain completely and rinse several times with water. Tighten bungs. Transport to a professional drum reconitioner having burning equipment for reconiditioning.

NOTE: This pesticide is to be sold ONLY in this original, unbroken package.

MANUFACTURED BY AGWAY INC., CHEMICAL DIVISION, BOX 1333, SYRACUSE, N.Y. 13201

USDA Reg. No. 8590-184

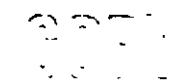
WARRANTY: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.

Handwritten stamp: RECEIVED JUL 27 1971

ACCEPTED stamp with date and signature.

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NOZZLES: Use at least 4 to 6 flat fan nozzles, such as Spraying Systems 8001, 80015 or 8002 for small aircraft, such as Piper Pawnees and Stear-mans. For aircraft operating at 150 mph or faster, use 10 to 14 8010 or 8015 flat fan nozzles. Noz-zles should be pointed straight downward on small aircraft and straight back for faster aircraft. Use 100 mesh screens with 8001, 80015 and 8002 nozzles and a large-volume 50-mesh screen should be used in spray systems. No screens are required for the 8010 or 8015 nozzles. Diaphragm check valves should be used on each nozzle to insure positive cut-off of spray during flight. Do not use cone nozzles.

Rotary atomizers, commonly known as Mini-Spin nozzles, developed by the Plant Pest Control Division, USDA, can be substituted for the flat fan nozzles. Use the same flat fan nozzle tips as mentioned above when using the Mini-Spin nozzle.

DIRECTIONS

READ THESE ENTIRE DIRECTIONS AND WARRANTY OF SALE. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.

CYTHION LV CONCENTRATE is used undiluted for ultra-low volume aerial applications to control adult corn rootworm, beet leafhopper, blue-berry maggot, cereal leaf beetle, cotton boll weevil, flies, grasshoppers and mosquitoes as specified below. Aerial applications should be made at altitudes of 20 to 25 feet.

NOTE: CYTHION LV CONCENTRATE may cause spotting on automobile paint finish if prolonged exposure is permitted. Cars should not be sprayed directly. If accidental exposure does occur, the car should be washed immediately.

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11-16-1971
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ALFALFA, CLOVER, COTTON, PASTURE AND RANGE GRASS, GRASS AND GRASS HAY, GRAIN CROPS, SAFFLOWER, SOY-BEANS, SUGAR BEETS AND NONAGRICULTURAL LANDS (Wastelands, roadsides, soil bank lands): For control of grasshoppers, apply 8 fluid ounces of CYTHION LV CONCENTRATE per acre. Repeat appli-cations as necessary. On alfalfa, clover, pasture and range grass, grass and grass hay, may be applied on day of harvest or grazing. Do not apply to alfalfa and clover in bloom. On grain crops and soybeans, make no application within 7 days of harvest or forage use; on corn, within 5 days of harvest or forage use. On safflower, make no application within 3 days of harvesting seeds. On sugar beets, make no application within 7 days if tops are to be used for food or feed.

BEANS (Lima, green, snap, navy, red kidney, wax, dry, blackeye): For control of Mexican bean beetle, leafhoppers, green clover worm, Japanese beetle, Lygus bug, apply 8 fluid ounces of CYTHIONLV CONCENTRATE per acre. Do not harvest within 1 day of application.

BLUEBERRIES (Grown in Michigan and Indiana): For control of blueberry maggot on blueberries, apply 10 fluid ounces of CYTHION LV CONCENTRATE per acre. Apply uniformly and repeat applications as necessary. No waiting period is necessary between last application and harvest.

CEREAL CROPS AND GRASSES: For control of cereal leaf beetle on cereal crops and grasses, apply 4 to 8 fluid ounces of CYTHION LV CONCENTRATE when adult beetles become active in the Spring. Repeat application at the higher rate within 7 to 14 days for control of adults and young larvae. Make no application on cereal crops within 7 days of harvest or forage use. On grasses, may be applied on day of harvest or grazing.

CORN: For control of adult corn rootworm on corn, apply 4 fluid ounces of CYTHION LV CONCENTRATE per acre. Repeat applications as necessary. Make no application on corn within 5 days of harvest or forage use.

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