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3125-148

08/01/1964

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U.S. LABEL

Reason to Issue: To initiate label for
8 lb./gal. formulation for control of
mosquitoes and flies.

Date of Draft 6/3/64 (Pre Reg.)
Supersedes Draft Dated 7/25/63 (Pre Reg.)
Pkg Size

Reg. U.S. (3125-)

BAYTEX*

8 POUND CONCENTRATE

INSECTICIDE

FOR EFFECTIVE CONTROL OF MOSQUITOES
AND FLIES.

GUARANTEE: Contains 8 lbs.
O,O-Dimethyl O-[4-(methylthio)-m-tolyl] phosphorothioate per
gallon.

NET CONTENTS 5 GALLONS

*Reg. U.S. and Canadian Pat. Offs.
by Farbenfabriken Bayer A.G.,
Chemagro Corporation licensee.

WARNING

(See the rear panel for additional
warning statements.)

KEEP OUT OF REACH OF CHILDREN.

TYPICAL ANALYSIS

ACTIVE INGREDIENTS:

<u>O,O</u> -Dimethyl <u>O</u> -[<u>4</u> -(methylthio)- <u>m</u> - <u>tolyl</u>] phosphorothioate	81%
Aromatic Petroleum Distillate	19%
	100%

U.S. Patent No. 3,042,703
Canadian Patent No. 631,472

ACCEPTED

AUG 1 1964

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
UNDER NO. 3125-148

STOP - READ THE LABEL BEFORE USE.

MANUFACTURED BY:

CHEMAGRO CORPORATION

KANSAS CITY, MO.

Note: Underlined letters in chemical nomenclature should be italicized when printed,
not underlined.

BAYTEX 8 lb. Conc

DIRECTIONS FOR USE

AREA MOSQUITO APPLICATIONS TO POPULATED AND RURAL AREAS ARE TO BE MADE ONLY BY MOSQUITO ABATEMENT DISTRICTS, PUBLIC HEALTH OFFICIALS, PUBLIC MOSQUITO CONTROL OFFICIALS, AND COMMERCIAL PEST CONTROL OPERATORS.

BAYTEX 8 Pound Concentrate is recommended for use wherever mosquitoes and flies are a problem. It provides long residual control and is as effective against DDT-resistant strains as non-resistant varieties. The spray can be applied to most surfaces, including freshly whitewashed areas, without loss of biological effectiveness.

MIXING: BAYTEX 8 Pound Concentrate contains no emulsifying agents and should be diluted only with oil carriers such as No. 2 fuel oil (diesel) or kerosene. Should it be desirable to use water as a carrier, sufficient quantities of suitable emulsifiers should be added to the BAYTEX 8 Pound Concentrate prior to mixing with water. These water or oil mixtures are suitable for use in hand or power-operated sprayers or foggers as well as with aircraft sprayers or in mist-type applicators. To mix with oil, pour required amount of BAYTEX 8 Pound Concentrate into full amount of oil and then agitate.

DOSAGE: Use specified dosage of BAYTEX 8 Pound Concentrate in the amount of water or oil necessary to give uniform coverage. The type of equipment used will determine the concentration required.

6/28/64

SPRAYING: For mosquito larvae control, applications should be made to moist areas, standing water pools, marshes, swamps, and tidal areas. Also spray around and in catch basins and similar areas where mosquitoes breed. Do not apply to ponds, lakes, ~~or~~ streams. ^{OR OTHER BODIES OF WATER CONTAINING VALUABLE FISH.} Allow at least three weeks between applications.

For large area mosquito control, applications should be made to wet grassy, bushy, or woody areas.

For localized mosquito and fly control, applications should be made to outside surfaces of buildings, screen doors, window frames, around outdoor light fixtures, and in garages.

6/28/64

FOG AND MIST APPLICATIONS: Outdoor applications for adult mosquito control may be made by thermal fogging, mist spraying, airplane spraying, or residual spraying. Do not apply to ponds, lakes, ~~or~~ streams. ^{OR OTHER BODIES OF WATER CONTAINING VALUABLE FISH.} Allow at least 3 weeks between applications. ^{MIST} Fog APPLICATIONS MAY BE ~~REPEATED~~ ^{REPEATED} AS NECESSARY.

RECOMMENDED BAYTEX APPLICATIONS

INSECT	Fluid Ounces BAYTEX Conc.	REMARKS
Mosquito Larvae	3/-	SPRAY: Apply specified dosage (0.05 lb. active) per acre in sufficient water or oil to obtain uniform coverage. Or per 1 1/2 gallons of water or oil. For localized applications Apply as a light uniform spray. Allow at least 3 weeks between treatments.
Mosquitoes	1/2 to 1 1/4	THERMAL FOG: Mix specified dosage per gallon of oil.** This is equivalent to 1/2 to 1 gallon of concentrate per 100 gallons of oil. Apply with standard fogging machines calibrated to deliver 40 gallons per hour at a machine speed of 5 m.p.h. to cover a swath width of up to 350 feet. Repeat as necessary.

RECOMMENDED BAYTEX APPLICATIONS
(Continued)

INSECT	Fluid Ounces BAYTEX Conc.	REMARKS
Mosquitoes	3/4 to 1 1/2	MIST SPRAY: Apply specified dosage (0.05 to 0.1 lb. active) per acre. For mist-blower machines calibrated to deliver 100 gallons per hour traveling at a speed of 4 m.p.h. to cover a swath width of up to 350 feet, use 1 to 2 1/8 gallons of concentrate per 100 gallons of water* or oil**. Allow at least 3 weeks between treatments.
Mosquitoes	(See Remarks)	AIRPLANE APPLICATION: Use BAYTEX 8 Pound Concentrate at dosages of 0.05 to 0.1 lb. active ingredient per acre in water* or oil**. Mix 1/2 to 1 1/4 gallons concentrate in 100 gallons of water* or fuel oil** and apply 1 gallon of this mixture per acre. Allow at least 3 weeks between treatments.
Mosquitoes House Flies	1 to 2	RESIDUAL SPRAY: For long residual control of mosquitoes and for residual fly control, apply specified dosage in 1 gallon of water* for application per 500 square feet or to run-off in localized areas. Residual control lasts 7 to 8 weeks for the lower rate and even longer at the higher rate. Repeat as necessary. Do not apply as a space spray.

*When using water as a carrier add sufficient quantities of suitable emulsifying agents to BAYTEX 8 Pound Concentrate prior to mixing with water.

**Kerosene-type oils, fuel oils, diesel oils, and other base oils suitable for insecticide use.

RESTRICTIONS

1. Do not allow spray treatment or drift on pasture land, crop land, poultry ranges, or water supplies.
2. Do not use inside homes, in dairy barns, poultry houses, or buildings where food is processed. Do not apply directly to animals.
3. Do not use on crops used for food, forage, or pasture.
4. Do not apply oil sprays directly to flowers or other ornamental plants which may be damaged by the oil. Fog application will not cause plant injury

WARNING

May be fatal if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Wash thoroughly with soap and warm water after handling. Wash clothing with soap and hot water before re-use.

Avoid contamination of feed or food. Keep out of reach of children

ANTIDOTE: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. Liberal doses of glucose appear to enhance the antidotal properties of atropine.

NOTICE

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