

CONTAINS 8 LBS.
*TOXAPHENE PER
GALLON



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EPA Est. No. 2459-Ga-1

BRAND

EPA Reg. No. 2459-259

Emulsifiable Spray Toxaphene

SHAKE WELL BEFORE USING

— CONTENTS BY WEIGHT —

ACTIVE INGREDIENT:

* Toxaphene 79.06 Per Cent

INERT INGREDIENTS:

20.94 Per Cent

TOTAL — 100.00 Per Cent

* Technical Chlorinated Camphens (Chlorine Content 67%-69%)

WARNING

KEEP OUT OF THE REACH OF CHILDREN

SEE OTHER PANEL FOR ADDITIONAL WARNINGS

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

WARNING: May be fatal if swallowed. May be absorbed through skin. May produce irritation of skin and eyes. Avoid breathing of vapor or spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after using. Avoid contamination of feed or foodstuffs.

Toxaphene produces central nervous system excitation which ordinarily responds to barbituric acid derivatives, but this drug should be considered only if complete atropinization fails to relieve symptoms.

ENVIRONMENTAL HAZARD

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

This product is toxic to bees and should not be applied when bees are actively visiting the area. Do not reuse empty drum. Return to drum conditioner or destroy by perforating or crushing and burying in a safe place.

CAUTION: Do not apply to cucurbits. Do not apply to feed and forage crops if they have to be fed to dairy or beef animals being finished for slaughter.

COTTON: Bollweevil, Cotton Fleahoppers, Lygus Plant Bug, Thrips, Armyworms and Grass hoppers.

SPRAY EQUIPMENT

For effective cotton insect control MASTER SPRAY should be used with sprayers applying a low volume of dilute spray per acre. The amount of dilute spray used per acre will depend upon the type, make and speed of equipment and the number of nozzles used per row. It is necessary to use small nozzle openings (0.02 inch), a pressure of at least 30 to 40 pound and a speed of over 3 miles per hour. Nozzles should be at least 10 inches from the plants to prevent burning of foliage.

DIRECTIONS FOR USE

EQUIPMENT: (a) Ground Equipment. Use conventional low volume spray equipment with sufficient nozzle and spray pressure to give adequate coverage. Use 1.0 to 3 pints per acre. Pump should have sufficient capacity to give good by pass to keep spray mix agitated. Equipment should be cleaned before changing products or going into new crops.

(b) Airplane Equipment. (Conventional Spray Equipment). Conventional aerial equipment may be used to apply this EY concentrate with the following suggestions and modifications.

HEIGHT: 6-8' or crop height.

PUMPS: Use pumps capable of producing 10 to 30 psi. A bleed line (1/8 to 1/4 inch diameter) should be installed on the high point of the impeller chamber to release the air that may be trapped in the chamber. The other end of this line should go into the spray tank.

NOZZLES: Use 15-30 nozzles with flat spray tips for small aircraft such Piper Pawnee or Stearman. Spraying Systems 8001, 80015 or 8002 with 100 mesh screens are satisfactory. Nozzle should be pointed down. Do not use full or hollow cone nozzles. A large volume 50 mesh screen should be used in the spray system.

BOOM and NOZZLE PLACEMENT: Distance between the left and right outboard nozzles should be approximately 1/4 of the wing span. An asymmetrical nozzle arrangement may be needed at low altitudes. A 1/8 to 1/4 inch bleed line should be attached to both outer ends of the boom and routed back to the spray tank. This line will bleed off boom pressure and permit a sharp cutoff at end of swath.

BY PASS: Use a by pass system connecting the spray pump outlet with the pump inlet. This by pass line must be equal in size to the pump outlet and should contain a valve controlled from the cockpit. The by pass can only be used to circulate the pesticide in the spray tank must be closed to avoid aerating the insecticide.

INSECTS, TIMING & RATES:

FOR USE ON COTTON ONLY: BOLL WEEVIL, BOLL WORM, APHID, COTTON LEAF WORM, SOUTHERN GREEN STINK BUG, RAPID PLANT BUG, LYGUS BUG AND SOME SPECIES OF SPIDER MITES.

The frequency and number of applications will vary in different cotton producing areas. Growers should make infestation counts in their own fields and consult State Agricultural Experiment Station or Extension Service Specialists for timing of applications.

RATE OF APPLICATION

MASTER SPRAY should be used at the recommended rate per acre mixed with the amount of water necessary to cover one acre. The gallonage of spray applied will vary from 1 to 10 gallons per acre. For ground and self propelled sprayers will usually put out from 1 to 3 gallons of spray per acre. Airplane applications should be made at the rate of 1 to 2 gallons per acre.

NOZZLE ARRANGEMENT FOR GROUND EQUIPMENT

SEEDLING COTTON: Use only one nozzle per row placed 10 inches directly above the plants. COTTON UP TO 20 INCHES HIGH: Use two nozzles per row placed on each side of the row and 10 inches from the plant. The nozzles should be directed so that they cover the top and sides of each plant.

COTTON OVER 20 INCHES HIGH: Use three nozzles per row — one placed 10 inches directly above the plant and one on each side of the plant.

CONTROL RECOMMENDATIONS

Recommendations vary in the different cotton producing areas and it is suggested that locally issued state recommendations be followed for proper timing and number of applications to be made. Infestation counts should be made in each field by the grower and applications made as necessary. Spraying can be done over a wide range of conditions almost at any time of the day. It should not be done during rain or when the wind is excessively high.

THRIPS, COTTON FLEAHOPPERS, LYGUS PLANT BUGS CONTROL ON SEEDLING COTTON: Use 1 quart of MASTER SPRAY per acre.

EARLY SEASON BOLLWEEVIL CONTROL: Use 1/4 gallon of MASTER SPRAY per acre. Make 2 to 3 applications at 7 to 10 day intervals.

MIDSEASON CONTROL: Use 2 pints of MASTER SPRAY per acre. Make the first application when infestation counts indicate its necessity. Two or three additional applications should be made at 5 day intervals until the infestation is brought under control. Additional applications may be necessary.

LATE SEASON CONTROL: Use 2 1/3 pints of MASTER SPRAY per acre. Make applications at 5 day intervals as necessary. If control is necessary after migration begins the application should be made at intervals of 3 days or less.

ARMYWORM AND FALL ARMYWORM (GRASSWORM): Use at the rate of 1/4 gallon per acre diluted with the volume of water applied by the sprayer being used.

GRASSHOPPERS: Use at the rate of 1/4 gallon per acre diluted with the volume of water applied by the sprayer.

VEGETABLES: Southern peas and beans. For the suppression of cowpea curculio, apply 1/4 pint per acre in sufficient water for coverage. Make 2 or 3 applications at 3 day intervals beginning when the first blossoms appear. Do not apply to cowpeas or beans after pods begin to form if pods are to be used as green snaps. Do not feed treated vines to dairy animals or animals being finished for slaughter. Do not apply within 7 days of harvest.

PEANUTS FOR THE SUPPRESSION OF Fall Army Worms: apply 1/4 gallon per acre in sufficient water for coverage. Do not feed treated forage to beef or dairy animals.

SOYBEANS FOR THE SUPPRESSION OF Cutworms: apply 3/8 gallon per acre in sufficient water for coverage. Do not feed treated forage to beef or dairy animals or animals being finished for slaughter. Do not feed soybean mill trash to livestock or poultry. Do not treat within 21 days of harvest. Do not apply more than twice per growing season.

NOTICE

This product is a restricted use pesticide. It is not to be used by anyone other than a person who is registered with the Federal Government as a pesticide applicator. The use of this product is restricted to those persons who are registered with the Federal Government as a pesticide applicator. The use of this product is restricted to those persons who are registered with the Federal Government as a pesticide applicator. The use of this product is restricted to those persons who are registered with the Federal Government as a pesticide applicator.

Made and Sold By

STEVENS INDUSTRIES, INC.

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