

to give good by pass to keep the spray mix agitated. Equipment should have a positive cut off valve, to cut off boom. Equipment should be cleaned before changing products or going into new crops.

(b) AIRPLANE EQUIPMENT (Conventional Spray Equipment) Conventional aerial spray equipment may be used to apply this product, with the following suggestions and modifications.

HEIGHT 6 to 8 feet, or crop height.

PUMPS Use pumps capable of producing 40 to 50 p.s.i. A bleed line (1/8 to 1/4 inch diameter) should be installed on the high point of the impeller chambers to release air that may be trapped in the chamber. The other end of this line should go into the spray tank.

NOZZLES Use 15 to 30 nozzles with flat spray tips for small aircraft such as PIPER PAWNEES or STEARMANS. Spraying Systems 8001, 80015 or 8002 with 100-mesh screens are satisfactory. Nozzles 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 the right outboard nozzles should be approximately three-fourths 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 pressure and permit a sharp cutoff at the 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 controllable from the cockpit. The by pass commonly used to circulate the pesticide in the spray tank must be cleared to avoid aerating the insecticide.

CROPS ON WHICH TO APPLY AND INSECTS CONTROLLED

GENERAL INSTRUCTIONS The rates of application are shown below for each insect controlled. Use the amount of product within the rates specified, depending upon the severity of insect infestation and on the size or growth of the crop plants, required for satisfactory control. Generally, the lower rates of application should be used on small plants, especially during the early season, and the higher rates of application should be used on large plants. Begin applications when insects are first determined to be present in sufficient numbers to cause damage. Repeated applications at approximately 7 to 10-day intervals, based on determinations that the insects are actually threatening, are usually necessary, but do not re-apply more frequently than is required to combat the insects which are actually present in sufficient numbers to cause substantial damage.

COTTON To control thrips, apply at the rate of 1 1/2 to 2 pints per acre. To control cotton fleahopper, apply at the rate of 1 to 3 pints per acre. To control plant bugs, cutworms, armyworms, and cotton leafworm, apply at the rate of 2 to 4 pints per acre. To control garden webworm, apply at the rate of 3 to 4 pints per acre.

DO NOT GRAZE DAIRY ANIMALS OR ANIMALS BEING FINISHED FOR SLAUGHTER IN TREATED COTTON FIELDS. DO NOT FEED GIN TRASH FROM TREATED COTTON TO DAIRY ANIMALS OR ANIMALS BEING FINISHED FOR SLAUGHTER.

SOYBEANS To control thrips, apply at the rate of 1 to 1 1/2 pints per acre. To control fleabeetle, apply at the rate of 1 1/2 pints per acre. To control armyworm, bean leaf beetle, blister beetle, corn earworm, grasshoppers, green clover worm, and velvetbean caterpillar, apply at the rate of 2 1/2 to 4 pints per acre.

DO NOT APPLY TO SOYBEANS WITHIN 21 DAYS OF HARVEST. DO NOT FEED TREATED PLANTS, OR ENSILAGE MADE FROM TREATED PLANTS, TO CATTLE, DAIRY ANIMALS OR ANIMALS BEING FINISHED FOR SLAUGHTER. DO NOT FEED SOYBEAN MILL TRASH TO LIVESTOCK OR POULTRY.



TOXAPHENE 8 EMULSIFIABLE INSECTICIDE

ACTIVE INGREDIENTS:

Toxaphene *

Xylene

INERT INGREDIENTS:

* Technical chlorinated camphene containing 67% to 69% chlorine

CONTAINS 8 POUNDS TOXAPHENE PER GALLON

EPA Reg. No. 1598-235

EPA EST 1598-SC 1

WARNING

KEEP OUT OF REACH OF CHILDREN

See remainder of WARNING Statements on Side Panel

DIRECTIONS FOR USE

This product is an insecticide emulsifiable concentrate which contains 8 pounds of toxaphene per gallon, intended to be mixed in water for application as a spray. It must not be applied in undiluted form.

To apply, mix the amount of product specified below to control the particular kind of insect on the crops named in the quantity of water required for uniformly thorough spray coverage of the foliage of the crop plants. Generally, 10 to 12 gallons of water per acre are required for application with boom type power driven ground sprayers and 4 to 5 gallons of water per acre are required for application by aircraft.

Apply the spray only when the air is calm. Speed of air movement must not exceed 5 miles per hour. If higher air speed occurs, suspend application until air movement again becomes calm. Do not apply on areas where livestock will graze. Do not apply on or over any body of water.

EQUIPMENT

(a) GROUND EQUIPMENT Use conventional low volume spray equipment with sufficient nozzles and spray pressure to give adequate coverage. Pump should have sufficient capacity

Net Contents

5 U. S. Gallons

MANUFACTURED BY



INCORPORATED

RALEIGH, N.C. 27602

WHEAT, OATS, grasshoppers, apply.

DO NOT FEED F OR ANIMALS BE N OR ANIMALS BE N

GRAIN SORGHU acre. To control arm

cutworms, grasshop lesser corn, alk bore

DO NOT APPLY T BEGIN TO ORIAL

APPLICATION IS 2 HARVEST WHEN R

GRAZE DAIRY AI TREATED FIELDS

AIRCRAFT APPL applicators, and ap

certified the aircraft and maintaining m

plication of insectic

MAY BE FATA or on clothing. May

with soap and water thoroughly after ha

soap and hot water. FIRST AID: If w

repeat until vomit f with soap and wa

DO NOT USE S (This product is to

not contaminate va treated areas may

treated. Do not appl this label.

Shrimp and crabs where these are air

Do not permit pou This product is to

area. DISPOSAL: If g per for at m

Follow directions and other i label. Buy a sec

ordance with



TOXAPHENE 8 EMULSIFIABLE INSECTICIDE

ACTIVE INGREDIENTS:

| | |
|-------------------|-------|
| Toxaphene * | 71 % |
| Xylene | 24 % |
| INERT INGREDIENTS | 5 % |
| Total | 100 % |

* Technical chlorinated camphene containing 67% to 69% chlorine

CONTAINS 8 POUNDS TOXAPHENE PER GALLON

EPA Reg. No. 1598-235

EPA EST 1598-SC-1

WARNING

KEEP OUT OF REACH OF CHILDREN

Remainder of WARNING Statements on Side Panel

DIRECTIONS FOR USE

This product is an insecticide emulsifiable concentrate which contains 8 pounds of toxaphene per gallon, intended to be mixed in water for application as a spray. It must not be applied in undiluted form.

To apply, mix the amount of product specified below to control the particular kind of insect on the crops named in the quantity of water required for uniformly thorough spray coverage of the foliage of the crop plants. Generally, 10 to 12 gallons of water per acre are required for application with boom-type power driven ground sprayers and 4 to 5 gallons of water per acre are required for application by aircraft.

Apply the spray only when the air is calm. Speed of air movement must not exceed 5 miles per hour. If higher air speed occurs, suspend application until air movement again becomes calm. Do not apply on areas where livestock will graze. Do not apply on or over any body of water.

EQUIPMENT

(a) GROUND EQUIPMENT. Use conventional low volume spray equipment with sufficient nozzles and spray pressure to give adequate coverage. Pump should have sufficient capacity

Net Contents

5 U.S. Gallons

MANUFACTURED BY



INCORPORATED

RALEIGH, N.C. 27602

WHEATS, OATS, BARLEY, AND RYE. To control armyworms, cutworms, and grasshoppers, apply at the rate of 1 1/2 to 2 pints per acre.

DO NOT FEED FORAGE OR STRAW FROM TREATED AREAS TO DAIRY ANIMALS OR ANIMALS BEING FINISHED FOR SLAUGHTER. DO NOT GRAZE DAIRY ANIMALS OR ANIMALS BEING FINISHED FOR SLAUGHTER IN TREATED AREAS.

GRAIN SORGHUM. To control corn billbug and fleabeetle, apply at the rate of 2 pints per acre. To control armyworm, apply at the rate of 2 1/2 pints per acre. To control chinch bug, cutworms, grasshoppers, and webworm, apply at the rate of 2 to 3 pints per acre. To control lesser cornstalk borer, apply at the rate of 3 pints per acre.

DO NOT APPLY TO GRAIN SORGHUM MORE THAN ONCE AFTER THE HEADS HAVE BEGUN TO FORM. DO NOT APPLY WITHIN 28 DAYS OF HARVEST WHEN RATE OF APPLICATION IS 2 PINTS OR LESS PER ACRE. DO NOT APPLY WITHIN 40 DAYS OF HARVEST WHEN RATE OF APPLICATION IS MORE THAN 2 PINTS PER ACRE. DO NOT GRAZE DAIRY ANIMALS OR ANIMALS BEING FINISHED FOR SLAUGHTER IN TREATED FIELDS. DO NOT ENSILE FORAGE FROM TREATED AREAS.

AIRCRAFT APPLICATIONS. This product may be applied by aircraft only by operators, applicators, and or pilots licensed by competent regulatory authority which has inspected and certified the aircraft and application equipment, and which as a prerequisite for obtaining and maintaining the license requires compliance with its established regulations for application of insecticide sprays to cotton fields.

WARNING

MAY BE FATAL IF SWALLOWED. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. May be absorbed through the skin. In case of skin contact, wash thoroughly with soap and water. If in eyes, flush with plenty of water and get medical attention. Wash thoroughly after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before reuse. Do not contaminate feed and foodstuffs.

FIRST AID. If swallowed, give a tablespoonful of table salt in a glass of warm water and repeat until vomit fluid is clear. Call a physician immediately. If on skin, wash thoroughly with soap and water.

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

This product is toxic to fish, birds and other wildlife. Keep out of lakes, ponds or streams; do not contaminate water by cleaning of equipment or disposal of wastes. 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. Apply this product only as specified on this label.

Shrimp and crab may be killed at application rate recommended on this label. Do not apply where these are important resources.

Do not permit poultry to feed in treated areas or on treated crops.

This product is toxic to bees and should not be applied when bees are actively visiting the area.

DISPOSAL OF EMPTY CONTAINERS. Do not reuse empty container. Destroy it by perforating or crushing, bury, or incinerate in safe place away from water supplies.

NOTICE

Follow directions carefully. Timing and method of application, weather and crop conditions, and other factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage, and handling of this material not in strict accordance with directions given on the label.