

TOXAPHENE MALATHION ULV INSECTICIDE FOR COTTON

For Ultra low volume Application
THIS PRODUCT IS NOT EMULSIFIABLE; DO NOT MIX WITH WATER.

ACTIVE INGREDIENTS:

Toxaphene*	56.0%
Malathion**	14.0%
Xylene Range Aromatic Solvent	24.0%

INERT INGREDIENTS	6.0%
Total	100.0%

*Technical chlorinated camphene containing 67% to 69% chlorine
**O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate

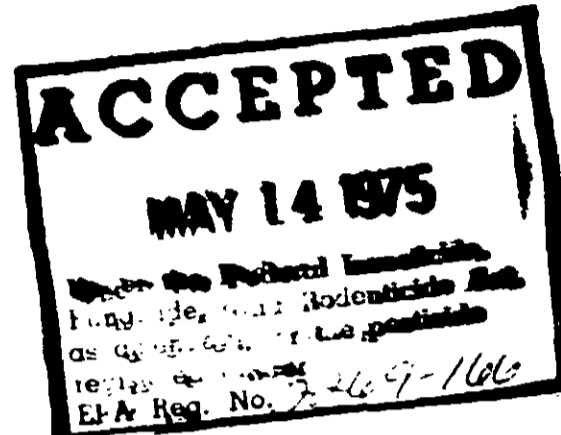
CONTAINS 6 POUNDS TOXAPHENE AND 1.5 POUNDS MALATHION PER GALLON

WARNING

Keep Out of Reach of Children

See Remainder of WARNING Statements on Side Panel

Made From CYTHION* The Premium Grade Malathion
*Reg. trademark American Cyanamid Co.



DIRECTIONS FOR USE

THIS PRODUCT IS NOT EMULSIFIABLE. DO NOT MIX WITH WATER.

This product is a xylene solution which contains 6 pounds of toxaphene and 1.5 pounds of malathion per gallon, intended to be used undiluted as an ultra low volume spray (applied undiluted as a fine mist) to control certain insects on growing cotton plants. It must be applied with properly designed equipment which has the capability of atomizing a small volume (e.g., from one-third gallon to one-half gallon per acre) uniformly onto the foliage of the cotton plants.

EQUIPMENT:

(a) Ground Equipment: Use conventional low volume spray equipment with sufficient nozzles and spray pressure to give adequate coverage. Use 4.05 to 5 pints per acre. Pump should have sufficient capacity to give good by-pass to keep 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 equipment may be used to apply this LV concentrate with the following suggestions and modifications:

HEIGHT - 6'-8' 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 - 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 right out-board nozzles should be approximately 3/4 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 controllable from the cockpit. The by-pass commonly used to circulate the pesticide in the spray tank must be closed to avoid aerating the insecticide.

AIRCRAFT APPLICATIONS - This product may be applied by aircraft (when equipped for ultra low volume spray application) 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.

EARLY SEASON - To control thrips, cotton fleahopper, and Lygus bugs, apply at the rate of one-third gallon of undiluted solution per acre. Begin applications when insects are first determined to be present in destructive numbers. Repeat applications at 7 to 10-day intervals, if necessary, when a population of one or more of the insects is determined to be present in sufficient numbers to cause substantial damage.

MID AND LATE SEASON - To control boll weevil, cotton bollworm, and cotton aphids, apply at the rate of 1/2 gallon of undiluted solution per acre. Begin applications when insects are first determined to be present in destructive numbers. Repeat applications, especially after full-bloom, at approximately 7-day intervals, if necessary, when a population of one or more of the insects is determined to be present in sufficient numbers to cause substantial damage.

During the late season, the cotton bollworm is likely to be generally prevalent, depending upon seasonal conditions, in most cotton fields. When eggs and small larvae of this insect are determined to be present, begin applications at once and repeat at 4 to 5-day intervals as long as eggs and small larvae continue to be found in sufficient numbers to cause extensive damage. Under outbreak conditions, the interval should be shortened to 3 to 4 days for two or more applications.

Apply the mist 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 or near areas where livestock will graze. Do not apply on, over, or near any body of water. Always apply the minimum amount, based on the severity of insect infestation and on the size of the cotton plants, required for satisfactory insect control. Repeated applications, based on determinations that the insects are actually threatening, are usually necessary, but do not apply more frequently than is required to combat the insects which are present.

DO NOT GRAZE LIVESTOCK IN COTTON FIELDS TREATED WITH THIS PRODUCT. DO NOT FEED CROP REMNANTS OR FORAGE FROM TREATED AREAS TO LIVESTOCK. DO NOT FEED GIN TRASH FROM COTTON TREATED WITH THIS PRODUCT TO LIVESTOCK.

WARNING

May be fatal if swallowed. Do not breathe vapor or 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 for at least 10 minutes and get medical attention. Wash thoroughly after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before re-use. Do not contaminate feed and foodstuffs.

ANTIDOTE: 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.

WARNING - FLAMMABLE! KEEP AWAY FROM HEAT OR OPEN FLAME.

This product is poisonous to fish and wildlife. Keep out of any body of water. Birds and other wildlife in treated areas may be killed. Apply only for the purposes and in the manner directed in this label. Do not apply when weather conditions favor drift of the spray mist from the treated area. Do not use where runoff is likely to occur. Clean application equipment and dispose of wastes, rinse solutions, and unused chemical in a pit on non-crop land in an isolated area well away from water supplies. Do not contaminate any body of water in cleaning of equipment and disposal of wastes.

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

DISPOSAL OF EMPTY CONTAINERS - Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies.

NOTICE

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

Manufactured by GOLD KIST INC., ATLANTA, GEORGIA 30301

FOR USE ON COTTON ONLY

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