

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

DANGER: Poisonous by Skin Contact Inhalation or Swallowing! Rapidly Absorbed Through Skin! Do not get in eyes, on skin or on clothing. Wear a mask or respirator of a type passed by the Mining Enforcement and Safety Administration (formerly U.S. Bureau of Mines) and by the National Institute for Occupational Safety & Health under the provisions of 30 CFR Part 11.

Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals. Misuse as a quantity, timing or method of application can cause damage or injury to animals, persons, property or crops. Wear clean synthetic rubber gloves.

**STATEMENT OF PRACTICAL
TREATMENT**

If swallowed and victim is conscious and not convulsing:

Call a physician immediately. Give a glass or two of water and induce vomiting by touching back of throat with finger. It is preferable to induce vomiting under medical supervision or to use gastric lavage with a cuffed endotracheal tube because of aspiration hazard. Remove victim immediately to emergency treatment facility.

If swallowed and victim is unconscious:

Clear the upper airway and administer mouth-to-mouth resuscitation, if heart beat is absent, administer cardiac resuscitation. Do not give anything by mouth. If convulsing hold head back with jaw forward to keep upper airway clear. Transport immediately to emergency treatment facility, maintaining clear airway and administering artificial respiration.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention immediately.

If on skin: Remove contaminated clothing and wash affected areas with soap and water. Get medical attention immediately.

If in eyes: Flush eyes for at least 15 minutes with water. Get medical attention immediately.

In all cases of Endrin poisoning medical attention must be gotten immediately or victim may die.

NOTE TO PHYSICIAN—Endrin is a CNS depressant and hepatotoxin. Toxic dosage causes convulsions, respiratory depression, and liver damage. Impaired respiration must be supported by oxygen given by mechanical ventilation. Diazepam is useful in controlling convulsions. Intravenous glucose and B vitamins help to protect the liver. There is no specific antidote. Do not give vegetable oils or milk (which increase GI absorption). Large amounts of activated charcoal help to limit GI absorption. Do not give adrenergic agents (myocardial irritability). Excretion of endrin from the body may require days or weeks.

ENVIRONMENTAL HAZARDS

DANGER: Post treated areas.

This pesticide is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals.

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

Do not graze orchards, cut for hay or allow livestock to clean up drops.

ACCEPTED
148-981

FEB 19 1981

Under the Federal Insecticide,
Fungicide and Rodenticide Act,
as amended, for the pesticide
registered under 148-981

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by The Certified Applicators Certification

ENDRIN
E-1.6 insecticide

1.6 Lbs. Per Gallon

KEEP OUT OF REACH OF CHILDREN



**DANGER
POISON**



SEE SIDE AND BACK PANELS FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENTS:

Endrin	19.5%
Xylene	76.5%
INERT INGREDIENTS	4.0%
	100.0%

(Hexachlorocyclohexaendo, endo-dimethanonaphthalene)

EPA Reg No 148-981

GCC 12-80

EPA Est No. 148-M5-1

NET CONTENTS GALLONS (litres)



**THOMPSON-HAYWARD
CHEMICAL COMPANY**

P.O. BOX 2383, KANSAS CITY, KANSAS 66110

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL:

Under 30 gallon size: Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.

Over 30 gallon size: (a) Reseal container and offer for reconditioning, or (b) Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill, or bury in a safe place.

GENERAL: Consult federal, state or local disposal authorities for approved alternative procedures.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING INSTRUCTIONS: Determine the amount of Endrin E-1.6 to be used in the sprayer by multiplying the number of acres to be treated by the quantity of Endrin E-1.6 recommended per acre. Add this amount of Endrin E-1.6 to 1/2 the water required for complete, full coverage. Mix well, then add remaining water. Continue mixing until spray mixture is uniform. If spray is allowed to stand, reagituate before use.

For ground application use from 5-15 gallons of water per acre. For aerial application, use from 3-10 gallons per acre.

NOTE: A precipitate may deposit in cold weather. In such case, warm gently and agitate until redissolved before using.

EQUIPMENT

Ground Application

For use with boom-nozzle ground equipment. Apply at not less than 5 gallons total mixture, water and chemical, per acre. Do not use nozzle liquid pressure at greater than 40 pounds per square inch (psi). Do not use cone nozzle size smaller than one capable of delivering 0.16 gallons per minute (gpm) at 40 psi such as type D2-25 or TX-10, or any other atomizer or nozzle giving smaller drop size.

Aerial Application

Do not apply at less than one gallon total mixture of water and chemical per acre. Do not operate nozzle liquid pressure over 40 psi or with any nozzle smaller than 0.4 gpm or fan angle greater than 65 degrees such as type 6504. Do not use any cone type nozzles smaller than those capable of delivering 0.4 gpm nor whirl plate smaller than #46 such as type D4-46 or any other atomizer nozzle giving smaller drop size. Do not release this material at greater than 10 ft. above the crop.

APPLICATION RESTRICTIONS

Do not apply this product within 1/4 mile of human habitation.

Do not apply this product by air within 1/4 mile or by ground within 1/4 mile of lakes, ponds or streams. Application may be made at distances closer to ponds owned by the user but such application may result in excessive contamination and fish kills.

Do not apply when rainfall is imminent.

Apply only when wind velocity is between 2 and 10 mph.

REQUIRED CLOTHING FOR FEMALE WORKERS

Female ground applicators, mixers and loaders and flagpersons must wear long-sleeved shirts and long pants made of a close woven fabric, and wide-brimmed hats. Mixer loaders must also wear rubber or synthetic boots and aprons.

WARNING TO FEMALE WORKERS

The United States Environmental Protection Agency has determined that endrin causes birth defects in laboratory animals. Exposure to Endrin during pregnancy should be avoided. Female workers must be sure to wear all protective clothing and use all protective equipment specified on this label. In case of accidental spills or other unusual exposure, cease work immediately and follow directions for contact with Endrin.

PROCEDURES TO BE FOLLOWED IF FISH KILLS OCCUR OR IF PONDS ARE CONTAMINATED

In case of fish kills, fish must be collected promptly and disposed of by burial. Ponds in which fish kills have occurred, and user-owner

ponds exposed to endrin by application at distances closer than otherwise prohibited, must be posted with signs stating: "Contaminated; No Fishing." Signs must remain for one year after a fish kill has occurred or for six months after lesser contamination unless laboratory analysis shows endrin residues in the edible portion of fish to be less than 0.3 parts per million (ppm).

SMALL GRAINS—(BARLEY, OATS, RYE AND WHEAT)

This product may be applied to control the following pests only: army cutworm, pale western cutworm.

Apply 1 to 1 1/4 pints per acre each application in sufficient water for good coverage. Do not use after heads begin to form. Do not pasture animals in treated fields. Make only a single application, do not apply within 45 days of harvest.

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.

This product is toxic to bees and should not be applied when bees are actively visiting the area. Use this product only as stated on the label.

COTTON FOR USE IN AREAS WEST OF INTERSTATE HIGHWAY #35 ONLY

Application Restrictions

Do not apply this product within 1/4 mile of human habitation.

Do not apply this product by air within 1/4 mile or by ground within 1/4 mile of lakes, ponds, or streams. Application may be made at distances closer to ponds owned by the user but such application may result in excessive contamination and fish kills.

Do not apply when rainfall is imminent.

Apply only when wind velocity is between 2 and 10 mph.

BOLL WEEVIL, BOLLWORM (not pink bollworm): Apply one pint per acre for early season control. For midseason or late season control use 1 to 2 pints per acre. Spray on 5 to 8-day schedule until control is obtained. Resume treatment if insects reappear. **FLEAHOPPERS, THRIPS:** Use 1/2 pint per acre per application for early season control. For midseason control use 3/4 pint and for late season control use 1 pint per acre. Repeat treatments as necessary for continued control. **COTTON LEAFWORM, LEAF PERFORATOR, LYGUS BUGS, TARNISHED PLANT BUGS AND SALTMARSH CATERPILLAR, CUTWORMS**—Use 1 to 2 pints per acre each application, when insects appear. Apply to give uniform coverage. Repeat as necessary. Workers entering treated cotton fields within 5 days of treatment should be protected. Do not graze dairy animals or animals being finished for slaughter on treated fields, or feed gin waste.

148-981