



Hopkins
TOBACCO
TRANSPLANTER SOLUTION
 (CONTAINS LINDANE)

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:
MAR 2 1984
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
2393-433

**FOR CONTROL OF:
 WIREWORMS-CUTWORMS**



- *Protects Plant Roots*
- *Reduces Re-Setting*
- *More Uniform Growth*



| | | |
|--|-------------|--|
| ACTIVE INGREDIENT: | | |
| Lindane (Gamma isomer of benzene hexachloride) | 10% | |
| INERT INGREDIENTS: | 90% | |
| TOTAL | 100% | |

EPA Reg. No. 2393-433
 EPA Est. No.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See Side Panel for Additional Precautionary Statements

NET CONTENTS

MANUFACTURED BY

Hopkins
 agricultural chemical co.
 BOX 7532 • MADISON, WISCONSIN 53767
 U.S.A.

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TRANSPLANTER SOLUTION
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Instruction

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors. Avoid getting in eyes, on skin or on clothing. ~~Wear water-~~ proof gloves when mixing and applying. Wash thoroughly with soap and water after using. ~~Do not use on household pets or humans~~

Long Range

GENERAL INFORMATION

TOBACCO TRANSPLANTER SOLUTION is a Lindane formulation for use in transplanting water against wireworms. Tobacco Transplanter Solution is especially formulated to mix with water and stays in suspension without agitation during the transplanting operation. Tobacco Transplanter Solution used in transplanting water establishes a protection against wireworms around the roots of newly set plants. This allows the roots to develop and plants to become established.

Do not allow children to handle or apply this product. Do not use on household pets or humans. Avoid contamination of feed and food stuffs. Do not apply to root crops. Do not use in soil to be planted to root crops within one year. *EPA Reg*
This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of waste.

Do Not Use

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

Seller makes no warranty, express, or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

1/15/84

DIRECTIONS FOR USE

TOBACCO: To control wireworms use 2 fluid ounces in 50 gallons of transplanting water. Apply 200 to 250 gallons per acre.

If adding to tank while partially filled, use a smaller amount to keep from building up transplanter solution concentration. Use only as directed. Do not make up concentration and dip tobacco roots into solution as root damage may occur.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not use or store near heat or open flame. Do not store below 32 F. Keep product in original container, tightly closed.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Ms. Judith A. Thompson
Hopkins Agricultural Chemical Co.
P.O. Box 7532
Madison, WI 53707

Dear Ms. Thompson:

Subject: Lindane RPAR
Hopkins Tobacco Transplanter Solution
EPA Reg. 2393-433
Appl. Date: December 5, 1983

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. A STATEMENT OF PRACTICAL TREATMENT must be added to the labeling. We suggest the following statement, however, if your toxicological data suggests otherwise, please submit a draft STATEMENT OF PRACTICAL TREATMENT for prior approval:

"STATEMENT OF PRACTICAL TREATMENT

- If swallowed-Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING: vomiting may cause aspiration pneumonia.
- If inhaled- Remove victim to fresh air. Apply artificial respiration if indicated.
- If on skin- Remove contaminated clothing and wash affected areas with soap and water.
- If in eyes- Flush eyes with plenty of water. Call a physician immediately.

NOTE TO PHYSICIAN-Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally.

2. Insert the following headings to immediately precede: "CAUTION: Harmful if swallowed..."

"PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS"

(2)

3. Revise the following appearing under "HAZARDS TO HUMANS...":

"Wash thoroughly with soap and water after using and before eating or smoking."

(Underscore added to indicate revision; do not reproduce underscore on the label.)

4. Also revise the following appearing in this section:

"Wear long sleeve shirt, long sleeve pants and water proof gloves when mixing and applying."

(Underscore indicates added text; do not reproduce on the label.)

5. Insert the following to immediately follow the heading DIRECTIONS FOR USE:

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

6. Insert the following heading to immediately precede "This product is toxic to fish...."

"ENVIRONMENTAL HAZARDS"

7. Revise the first sentence of this section to read:

"This product is toxic to fish, birds and other wildlife."

8. Insert the following heading to precede "DO NOT USE, POUR, SPILL...."

"PHYSICAL OR CHEMICAL HAZARDS"

2397-427

Submit five (5) copies of your revised final printed labeling before you release the product for shipment with the amended labeling.

A stamped copy of the label is enclosed for your records.

If you hold a Federal registration, a supplemental registration, or a Special Local Needs registration, you may continue to produce new stocks of such products, using current labeling, until April 1, 1984. After that date, all remaining inventories of affected products will fall under the Existing Stocks provisions stated in our letter of October 28, 1983.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure