

JAN 16 1991

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Mr. S. K. Theodorakis  
ICI Americas, Inc.  
Agricultural Products  
Concord Pike and New Murphy Road  
Wilmington, DE 19897

Dear Mr. Theodorakis:

Subject: Update Labeling  
ISOTOX Seed Treater (F)  
EPA Registration No. 10182-311  
Your Application Dated February 7, 1990

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 indicated below prior to release for shipment of product bearing the amended labeling.

1. The following sentences on page 2 of the label should be deleted since they are unsupported claims. This was agreed to by Chevron Chemical Company in response to our August 6, 1985 letter (enclosed).

a) Where Seedling Blight, Damp Off or Seed Decay normally occur, combine with a full dosage of protective fungicide.

b) ISOTOX Seed Treater (F) may be used on corn seed previously treated with a protective fungicide.

The seedling diseases mentioned above will be controlled by the Captan in this product, therefore adding another protective fungicide would not be necessary and a miss use of that pesticide. However, if data shows that synergism or a broader spectrum of pest control can be gained from these claims, then we would consider retention of these claims.

2. Correct the container disposal statement to read "Triple rinse (or equivalent)."

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3. Submit an updated Confidential Statement of Formula (CSF) reflecting the source of the Active Ingredients and Captan related derivatives.

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

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

Sincerely yours,

George T. LaRocca  
Product Manager 15  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

ISOTOX® SEED TREATER (F)

(INSECTICIDE-FUNGICIDE)

With Graphite For Corn Seed, Beans

Also Repellent To Pheasants

| Active Ingredients   | By Wt. |
|--|--------|
| Lindane - Gamma Isomer of Benzene<br>Hexachloride. . . . . | 25.0%  |
| *Captan . . . . .  | 12.2%  |
| Related Derivatives. . . . .                               | 0.3%   |
| Inert Ingredients. . . . .                                 | 62.5%  |
| *N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide.    |        |

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, immediately flush eyes with fresh water for at least 15 minutes and see a doctor. If on skin, remove contaminated clothing and wash affected areas with soap and water. If swallowed contact physician, poison control center, or emergency clinic before inducing vomiting. Give water or milk to drink and induce vomiting by touching back of throat with finger, or by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person. If medical advice cannot be obtained, take person and a copy of the label to the nearest emergency treatment facility. If inhaled, remove person from exposure area.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

EPA Reg. No. 10182-311

EPA Est. No. 10182-

ICI Agricultural Products  
ICI Americas Inc.  
Wilmington, DE 19897

Net Weight:

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JAN 16 1991

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No. 10182-311

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

Causes irreversible eye damage. May be fatal if swallowed. Harmful if inhaled or absorbed through skin. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Avoid inhalation of dust. Remove and separately launder clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Exposed treated seed may be hazardous to birds and other wildlife. Do not clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources. Dispose of all excess treated seeds by burial away from bodies of water. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

This product must be applied in a well-ventilated area. Mixers/loaders when mixing and loading this product must wear a long sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, goggles or a face shield and a chemically resistant apron.

A dust mask must be worn when mixing and loading this product.

AFTER WORK: Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

ISOTOX Seed Treater (F) is a formulation for use in the treatment of seeds for protection against wireworms, seed corn maggots and certain other soil-borne insects, as well as added fungicidal protection at planting time. ALSO REPELLENT TO PHEASANTS. / Where Seedling Blight, Damp Off or Seed Decay normally occur, combine with a full dosage of protective fungicide.

ISOTOX Seed Treater (F) may be used on corn seed previously treated with a protective fungicide.

Handwritten initials

Handwritten initials

APPLY IN PLANTER BOX USING DESIGNATED AMOUNT PER 100 LBS. SEED: MEASURING CUP ENCLOSED—One level cup contains approximately 4 ounces of product.

For improved mixing product with seed, the following procedure is suggested: Fill planter box only half full of seed, add half the required amount of ISOTOX Seed Treater and mix thoroughly with a stick. Then put remainder of seed in planter box and add the rest of the required ISOTOX Seed Treater (F), mixing thoroughly again. Good results are also obtained by pre-mixing with ISOTOX Seed Treater (F) in a suitable container then pouring treated seed into planter box.

- CORN-8 oz. (4 oz. per 50 lbs.)
- BEANS: (Use with a protective fungicide)
  - Baby Bush Limas-2 oz.
  - Bush, Snap and all other except Limas-2 oz.
  - Standard and Fordhook Large Limas-1 oz.
- SUGAR BEETS-16 oz. (1 lb.)

- OKRA-4 oz.
- ALFALFA, CLOVER-2 oz.
- BARLEY- 4 oz.
- SPINACH, SUNFLOWER-4 oz.
- OATS-2 oz.
- SAFFLOWER, RYE, SUNDAN GRASS -2 oz.
- FLAX-2 oz.
- SOYBEAN-2 oz.
- CABBAGE, CAULIFLOWER, BROCCOLI BRUSSELS SPROUTS, RADISHES -2 oz.
- WHEAT-2 oz.

- PEAS-4 oz.
- CUCUMBERS, CANTALOUPEs, WATERMELONS, SQUASH, PUMPKIN-4 oz.
- CARROTS, ONIONS-4 oz.

COTTON-8 oz.

If soil temperature is extremely high due to low moisture, real hot weather and midsummer planting time, reduce dosage by one-half. TREATED SEED MUST NOT BE USED FOR OR MIXED WITH FOOD OR ANIMAL FEED, OR PROCESSED FOR OIL. TREAT ONLY THOSE SEEDS NEEDED FOR IMMEDIATE USE, MINIMIZING THE INTERVAL BETWEEN TREATMENT AND PLANTING. - DO NOT STORE EXCESS TREATED SEEDS BEYOND PLANTING TIME.

STORAGE AND DISPOSAL

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

STORAGE: Keep pesticide in original container. Avoid contamination of feed and foodstuffs. For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-424-9300.

PESTICIDE DISPOSAL: This product is 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 for equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned stay out of smoke.

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Captan Isotox  
RS-012290

NOTICE TO BUYER AND USER: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller, and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

RQ LINDANE, MIXTURE, NA 2761

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