

AUG 6 1985

Jackie DiMaggio
Chevron Chemical Company
Ortho Agricultural Chemicals Division
947 Hensley Street
Richmond, CA 94804

300/153739
17/9

Dear Ms. DiMaggio:

Subject: Amendment-Update of Statement of
Practical Treatment
Isotox Seed Treater(F)
EPA Registration No. 239-677
Your Application Dated June 14, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

At the next printing of your label add "or Poison Control Center" following "emergency hospital" in statement of Practical Treatment.

Delete "where seed decay occurs, due to soil organism damage, combine with a protective fungicide" in the directions since the product already contains a fungicide or explain the intent of this statement.

Sincerely yours,

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

Enclosure

RD/IRB:JOB:85840:LaRocca:RD-01:Kendrick&Co:898-1270:8/6/85:Del:8/15/85:DKD

CONCURRENCES

SYMBOL	SURNAME	DATE						
	Neokirly	8-7-85						

ISOTOX Seed Treater (F)
EPA Reg. No. 239-677
Submitted: June 14, 1985

COPY A

In case of eye contact, 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, DO NOT make person vomit. If person is conscious, give a large quantity of water or milk to drink and call a doctor or emergency hospital. If inhaled, move person to fresh air.

ACCEPTED
with COMMENTS
EPA Letter Dated

AUG 6 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
was amended, for the pesticide
registered under EPA Reg. No.

239-677

CONFIDENTIAL
PROPERTY OF
CHEVRON CHEMICAL COMPANY
UNTIL ACCEPTED BY EPA



ORTHO

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	25.0%
Hexachloride	11.8%
*Captan	0.7%
Related Derivatives	62.5%
Inert Ingredients	
*N-(trichloromethylthio) 4-cyclohexene-1,2-dicarboximide	

KEEP OUT OF REACH OF CHILDREN
DANGER
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT 10 POUNDS

If soil temperature is extremely high due to low moisture, real hot weather and subsequent planting time, reduce damage by one-half. Where seed decay occurs, due to soil organism damage, combine with a protective fungicide. 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 food and foodstuffs. For help with any spill, leak, fire or exposure involving this material, call day or night (415) 233-3737.
PESTICIDE DISPOSAL: This product is toxic. Improper disposal of excess pesticide, spray mixture, or residue 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). 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.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.
2. Certain and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops (a) when the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the use stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

RO LINDANE MIXTURE, NA 2761



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Ortho Agricultural Chemical Division
San Francisco CA 94130-7144 Richmond CA 94804-0035
Form 3143 F - Product 1980 Made in U.S.A.
EPA Reg. No. 239-677-2A EPA Est. 239-MG 1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

Causes irreversible eye damage. Do not get in eyes, on skin, or on clothing. Wear goggles or safety glasses. May be fatal if swallowed. Wash thoroughly with soap and water after handling and before smoking or eating. Remove contaminated clothing and wash before reuse. Harmful if inhaled or absorbed through skin. Do not breathe dust.

STATEMENT OF PRACTICAL TREATMENT: If swallowed, do not make a person vomit. If person is conscious, promptly give a large quantity of water or milk to drink and call a doctor or emergency hospital. Remove Contact Lenses if eyes are affected, immediately flush eyes with fresh water for 15 minutes and wear contact lenses. Wash thoroughly with soap and water.

Note to Physicians: Emergency Information — call (415) 233-3737

ENVIRONMENTAL HAZARDS: This product is toxic to fish and wildlife. Treated seeds exposed on soil surface may be hazardous to birds and other wildlife. Do not apply directly to water. Dispose of excess treated seeds by burial away from bodies of water.

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 should be applied in a well-ventilated area. Applicators who apply this product manually or without the use of a closed system treatment procedure must wear the following protective clothing during the application process: long sleeved shirt, long pants, gloves, and a disposable, paper dust mask which covers at least one third of the face.

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 resistant to phlebotomus. Where Seeding 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.

DIRECTIONS

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 of 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 (F) and mix thoroughly with a sock. 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 seed 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 Lima 2 oz
 - Spik, Snap and all other except Lima 2 oz
 - Standard and Fordhook Large Lima 1 oz
- SUGAR BEETS 16 oz (1 lb)
- PEAS 4 oz
- CUCUMBERS, CANTALOUPES, WATERMELONS, SQUASH, PUMPKIN 4 oz
- CARROTS, RADISHES 4 oz
- COTTON 8 oz

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