

ZRP

1 OCT 1984

Ms. Jackie DiMaggio  
Chevron Chemical Company  
ORTHO Agricultural Chemicals Division  
940 Hensley Street  
Richmond, CA 94804-0036

300 / 130821  
17 / 7

Dear Ms. DiMaggio:

Subject: Toxicology Data Update; Label Update  
ISOTOX seed Treater  
EPA Registration No. 239-677  
Your submissions dated January 9 and July 20, 1984

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

The Agency has completed its review of the toxicology data submitted to update this registration. The toxicology data is in Accession Number 252193 and the product identification is in Accession Number 251934. Only the eye irritation study was done using the subject product; acute oral, acute dermal, dermal irritation and acute inhalation tests were performed with a substance coded as CC6961.

The submitted acute oral, acute dermal, primary eye irritation, primary dermal irritation, and acute inhalation studies are acceptable and the product has been placed in the following toxicity categories:

<u>Route of Exposure</u>	<u>Toxicity Category</u>
Primary Eye Irritation	I
Acute Oral	II
Acute Dermal	III
Acute Inhalation	III
Primary Dermal Irritation	IV

Based upon the submitted toxicology data, the following revisions should be made at the next label printing:

1. Change the signal word from WARNING to DANGER, because of eye irritation potential.

2. Revise the Hazards to Humans & Domestic Animals section to read:

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.

Sincerely yours,

George T. LARK  
Product Manager  
Insecticide-Plant Disease Branch  
Registration Division (TS-767)

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**WARNING:** May be fatal if swallowed. Avoid breathing dust. May be absorbed through skin. Avoid contact with skin and eyes. Wash thoroughly after handling.

**STATEMENT OF PRACTICAL TREATMENT:** If swallowed call a physician. If inhaled call a physician. If in contact with skin, wash immediately. Drink one or two glasses of water and induce vomiting by forcing 1/2 teaspoon of salt into a finger. Repeat until vomit fluid is clear. If not in contact with skin, wash thoroughly with soap and water. If in contact with eyes, flush with plenty of water. Call a physician immediately.

**Note to Physicians:** Emergency telephone number: 1-800-4-A-D-I-T-I-O-N

**ENVIRONMENTAL HAZARDS:** This product is highly toxic to fish and aquatic life. It is also toxic to birds and bees. It is highly toxic to plants and animals. It is highly toxic to soil and water. It is highly toxic to treated seeds by burrowing insects and rodents.

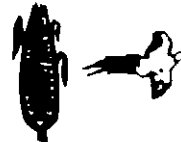


**ORTHO**

**ISOTOX®**

**Seed Treater (F)**

(INSECTICIDE FUNGICIDE)  
With Graphite for Corn Seed, Beans  
Also Repellent to Pheasants



ACCEPTED  
with COMMENTS  
EPA Letter Dated:

OCT 1 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Registration No. 100-100000000-1.

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

**NET WEIGHT 10 POUNDS**

**DIRECTIONS FOR USE:** This is a contact type treatment. It is used to protect seeds from insects and rodents. It is used to protect seeds from fungi and bacteria. It is used to protect seeds from viruses and other plant diseases. It is used to protect seeds from nematodes and other soil-borne pests. It is used to protect seeds from birds and other animals. It is used to protect seeds from pheasants. It is used to protect seeds from all other pests.

**PRECAUTIONS:** Do not use this product on seeds of plants which are known to be highly susceptible to the active ingredients. Do not use this product on seeds of plants which are known to be highly susceptible to the active ingredients. Do not use this product on seeds of plants which are known to be highly susceptible to the active ingredients. Do not use this product on seeds of plants which are known to be highly susceptible to the active ingredients.

**APPLICATION:** Apply to seeds in a clean, dry container. Mix thoroughly. Apply to seeds in a clean, dry container. Mix thoroughly. Apply to seeds in a clean, dry container. Mix thoroughly. Apply to seeds in a clean, dry container. Mix thoroughly.

- CORN
- BEANS
- Baby Bush Limas
- Bush Snap and all other except Limas
- Standard and French Large Limas
- SUGAR BEETS
- PEAS
- CUCUMBERS CANTALOUPE WATERMELONS
- SQUASH PUMPKIN
- CARROTS ONIONS
- COTTON

- ORRA
- ALFALFA CLOVER
- BARLEY
- SPINACH SUNFLOWER
- DATS
- SAFFLOWER RYE SUDAN GRASS
- FLAX
- SOYBEAN
- CABBAGE CAULIFLOWER BROCCOLI
- BRUSSELS SPROUTS RADISHES
- WHEAT