

PM-13

Reg # 10182-311

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ISOTOX® SEED TREATER (F)

Insecticide-Fungicide
With Graphite For Corn Seed, Beans
Also Repellent To Pheasants

ACTIVE INGREDIENTS:

Lindane -- Gamma Isomer of Benzene Hexachloride	25.0%
Captan*	12.2%
Related Derivatives	0.3%
INERT INGREDIENTS:	<u>62.5%</u>
TOTAL	100.0%

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide.

EPA Reg. No. 10182-311
EPA Est. No.

Net Contents:

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Made in U.S.A
ZENECA Ag Products
ZENECA Inc.
Wilmington, DE 19897

ACCEPTED
19 APR 1995
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 10182-311

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STATEMENT OF PRACTICE TREATMENT

IF IN EYES: 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 (1-800-327-8633)

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

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.~~

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Mixers and Loaders must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

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- Chemical-resistant apron when mixing or loading
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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 apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. 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.

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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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 days.

Exception: For the last 48 hours of the REI, workers may enter the treated area to perform hand labor or other tasks involving contact with anything that has been treated, such as plants, soil or water, without time limit, if they wear the early entry PPE listed below.

Exception: If the product is used for seed treatment, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls.
- Waterproof gloves.
- Shoes plus socks.
- Protective eyewear.

Notify workers of the application by warning them orally or by posting warning signs at entrances to treated areas.

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~~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.

**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 premixing with ISOTOX Seed Treater (F) in a suitable container then pouring treated seed into planter box.

CROP	RATE PER 100 LBS SEED
ALFALFA, CLOVER	2 oz
BARLEY	4 oz
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
CABBAGE, CAULIFLOWER, BROCCOLI, BRUSSELS SPROUTS, RADISHES	2 oz
CORN (Treatment for seedcorn maggots requires the maximum rate of 8 oz/100 lbs or 4 oz/50 lbs seed)	4 - 8 oz (2 - 4 oz/50 lbs)

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CROP	RATE PER 100 LBS SEED
CARROTS, ONIONS	4 oz
COTTON	8 oz
CUCUMBERS, CANTALOUPE, WATERMELONS, SQUASH, PUMPKIN	4 oz
FLAX	2 oz
OATS	2 oz
OKRA	4 oz
PEAS	4 oz
SAFFLOWER, RYE, SUNDAN GRASS	2 oz
SPINACH, SUNFLOWER	4 oz
SOYBEAN	2 oz
SUGAR BEETS	16 oz (1 lb)
WHEAT	2 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.

TREATED SEED DISPOSAL: To dispose of out-of-date or otherwise unmarketable seed which has been treated with captan for seed protectant purposes: Broadcast and lightly incorporate seed into field soils using a disc or other suitable implement. If rate of captan contained on the seed is unknown, have seed analyzed by a qualified analytical laboratory to determine. Do not plant seed at a seedling rate which will result in the application of more than 32 pounds of captan per acre per year. Any resulting crop may be destroyed by chemical or mechanical means, or, if useful for food or feed purposes, may be harvested for that use.

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

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.

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