



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Jeff Hartman
Trace Chemicals LLC
2320 Lakecrest Drive
Pekin, IL 61554-6637

OCT 26 2004

Dear Mr. Hartman:

Subject: Amendment - Revise label per Lindane RED, change Master Product Name
TCI Captan - Lindane Seed Treatment [Old Name}
Sorghum Guard [New Name]
EPA Registration Number 42056-14
Your submission dated August 18, 2004 and your e-mail of October 26, 2004

The amendment referred to above, submitted in connection with registration under with registration under FIFRA section 3(c)(7)(a), is acceptable and a stamped copy of the label is enclosed for your records. The following revisions should be made when preparing the finished labeling:

- a. The submitted ENVIRONMENTAL HAZARDS text is for a manufacturing use product. Please revise the ENVIRONMENTAL HAZARDS text to read as follows:

This product is toxic to fish, birds, and other wildlife. Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water. Do not contaminate water by disposing of equipment washwaters. Apply this product only as specified on the label.

Please submit five (5) copies of the revised amended label incorporating the above revisions as soon as it becomes available. As agreed upon, all new production of this product after the date of December 31, 2004 must bear the revised amended label.

Please note that this acceptance does not constitute reregistration of the subject product. Such determination will be made following completion of the Agency's review of data submitted in response to the associated Lindane Data Call-In Notice.

The Agency's records will be adjusted to reflect the change in the Master Name of Record for this product from "TCI Captan - Lindane Seed Treatment" to "Sorghum Guard".

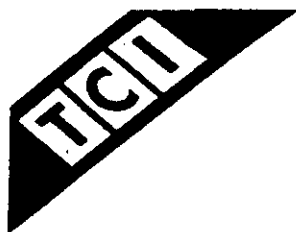
Sincerely,

George LaRocca.
Product Manager 13
Insecticide Branch
Registration Division (7505C)

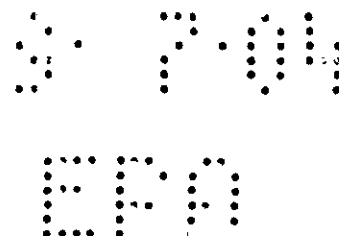
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ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT 26 2004



Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
42056-14



CAPTAN-LINDANE-GRAPHITE

For the protection of germinating seeds and seedlings of sorghum and corn against wireworms, damping off, seed decay and seedling blights.

Active Ingredients:

	By Wt.
Captan (N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide)	32.75%
Related Derivatives	0.75%
Lindane (Gamma isomer of benzene hexachloride)	16.60%
Inert Ingredients	49.90%
Total	100.00%

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.)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Causes irreversible eye damage. Wear protective eyewear (goggles, faceshield or safety glasses). Harmful if swallowed or absorbed through skin. Harmful if inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Treat outdoors in a well-ventilated place. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contamination of feed and foodstuffs. Do not store with feed or forage to be fed to dairy animals or animals being finished for slaughter. Do not use treated seed for food, feed or oil purposes. **Personal Protective Equipment (PPE):** Some materials that are chemical-resistant to this product are polyethylene and polyvinyl chloride. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart. Mixers, loaders, applicators and other handlers, including persons handling or planting treated seeds must wear: Coveralls over long-sleeved shirt and long pants, Chemical-resistant footwear plus socks, Chemical-resistant gloves, protective eyewear, chemical-resistant apron when cleaning equipment, mixing or loading, and a NIOSH approved respirator with an organic vapor (OV) cartridge with any R, P, or HE filter. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. When handlers use enclosed cabs 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.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. If in **Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If **Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. If **Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice. If on **Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice. **Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

User Safety Recommendations: Users Should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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 pesticide is toxic to fish, birds and other wildlife. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water. Do not contaminate water by disposing of equipment washwaters. Apply this product only as specified on the label. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the USEPA.

EPA REG. NO. 42056-14
EPAEST. NO. 42056-IL-1

Manufactured by: TRACE CHEMICALS LLC
Pekin, Illinois 61554

Net Wt. 2.67 oz.

PRODUCT INFORMATION

SORGHUM GUARD Seed Treatment is a specially formulated combination of lindane for protection against wireworms and captan for protection against fungus diseases of seeds and seedlings. **NOTE** - Adjust the seed drill or planter to give the required rate of seed delivery with treated seed. Regularly inspect planter plates and clean as required. At the end of each day, clean out the electric eye monitors as directed by the manufacturer. **NOTE** - This product is not recommended for use on inbred lines. **IMPORTANT** - Treated seed must not be used for or mixed with food or animal feed or processed for oil. Treat only those seed needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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. This product may only be used as an on-farm treatment for corn and sorghum.

RATES: Sorghum - one pouch (2.67 oz.) per 86 lbs. of seed (1.7 ounces per bushel). Corn - one pouch (2.67 oz.) per 50 lbs. of seed. Apply as a dry mixture in the planter or drill box as a seed treatment prior to planting. **MIXING INSTRUCTIONS:** For best results, fill planter box only half full of seed, add half the required amount of Sorghum Guard and mix thoroughly with a stick or paddle. Add the remainder of the seed and Sorghum Guard and mix again so that all seeds are covered. **DO NOT MIX WITH BARE HANDS.**

ROTATIONAL CROPS

The following plant-back intervals should be observed for listed crops:

JAY PLANT-BACK Leafy Vegetables **12-MONTH PLANT-BACK** All other unregistered crops

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and 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), 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 24 hours. "Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas without restriction 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 worn over short-sleeve and short pants, chemical-resistant gloves made on any waterproof material, and chemical-resistant footwear plus socks.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container. **STORAGE:** Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place. Protect from excessive heat. Do not store or transport near feed or food. For help with any spill, leak, fire or exposure involving this material, call Chemtrec (800)424-9300. **PESTICIDE DISPOSAL:** This product is acutely hazardous. 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:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

NOTICE-READ CAREFULLY

CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Trace Chemicals LLC no claims are made to guarantee germination of carry-over seed. As its sole express warranty, Trace Chemicals LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. **ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, TRACE CHEMICALS LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, TRACE CHEMICALS LLC NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL.** Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label. Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Trace Chemicals LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.