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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Dennis McFadden
Reg. Mgr. - Seed Treatment Products
Trace Chemicals LLC
% Gustafson LLC
1400 Preston Road, Suite 400
Plano, TX 75093

NOV 17 2005

Subject: Sorghum Guard
EPA Reg. No. 42056-14
Your amendment dated June 30, 2005

Dear Mr. McFadden:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

1. Move the First Aid box above the Precautionary Statements.
2. In the Precautionary Statements box, delete the redundant last sentence "When handlers use enclosed cabs in...."
3. In the Storage and Disposal box, in the Prohibitions section, change "...feed by storage, disposal." to "...feed by storage or disposal."

One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supercedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

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 Date Call-In Notice.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

A handwritten signature in black ink, which appears to read "Tony Kish", is written over a horizontal line.

Tony Kish
Acting Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Enclosure

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**

Corrosive. Causes irreversible eye damage. Wear protective eyewear (goggles, faceshield or safety glasses). Harmful if swallowed. Do not get in eyes or on clothing. 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. All 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 (goggles, faceshield, or safety glasses), chemical-resistant apron when loading, cleaning equipment, cleaning up spills, mixing or loading, and a NIOSH-approved dust/mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, 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.

ENGINEERING CONTROLS

When handlers use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40CFR170.240(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. The primary treatment for ocular captan exposure is water irrigation as soon as practical. Captan is a contact irritant and damage to the mucous membranes of the eye and the corneal tissue will occur rapidly after accidental application of captan products to the eye. If irrigation is delayed and irritation occurs, supportive treatment is indicated. Recovery from corneal damage should occur within 7 to 21 days. There are no treatments that will counteract the specific physiological effects of captan.

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 product 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.

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 50 lbs. of seed. Corn - one pouch (2.67 oz.) per 81 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:

30-DAY 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. "24 hour restricted entry interval(REI) for planter box-type or hopper-box seed treatment uses." Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated areas without restriction if there will be no contact with the soil/media subsurface. 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, protective eyewear, and chemical-resistant footwear plus socks.

Double Notification: Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas. **Eye-Protection:** For at least seven days following the application of captan: 1. At least one container designed specifically for flushing eyes must be available in operating condition at the WPS-required decontamination site for workers entering the area treated with captan, and 2. workers must be informed orally, in a manner they can understand:

- that residues in the treated area may be highly irritating to their eyes,
- that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes,
- that if they do get residues in their eyes, they should immediately flush their eyes with the eyeflush container that is located at the decontamination site, and
- how to operate the eyeflush container.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal.

PESTICIDE 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.

4301

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

NOV 17 2005

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

42056-14