

42056-15

4/29/2003

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124



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

APR 29 2003

Mr. Jeffrey S. Hartman.
Trace Chemicals LLC
2320 Lakecrest Drive
Pekin, IL 61554

Dear Mr. Hartman:

Subject: Amendment - Update First Aid per PR Notice 2001-1
Grain Guard Plus
EPA Registration Number 42056-15
Your submission dated March 4, 2003

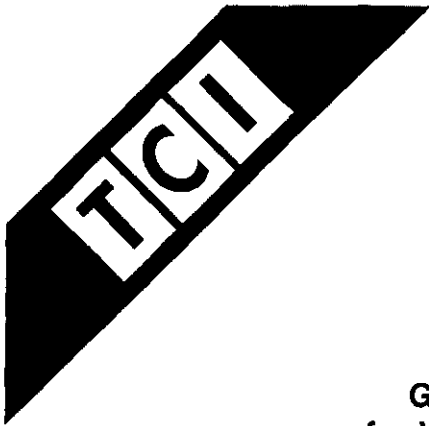
The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable and a stamped copy is enclosed for your records.

When preparing the finished label, please incorporate the following revision:

- 1) The Personal Protective Equipment must specify use of a respirator with either an organic vapor (OV) cartridge or a canister with any N, R, P, or HE prefilter for both applicators and other handlers as well as for mixer and loaders. Also, this section should say that the mixer and loader should add a chemical resistant apron to all of the PPE specified for the applicator. This revised section should be identical to that which appeared on your companion product Grain Guard Plus-L, EPA Reg. No. 42056-16, which you also submitted March 4 2003 (but revised to include protective eyewear for applicators and other handlers). Please submit 5 copies of revised labeling bearing this expanded Personal Protective Equipment section as soon as it becomes available. Thank you for your prompt cooperation in this matter.

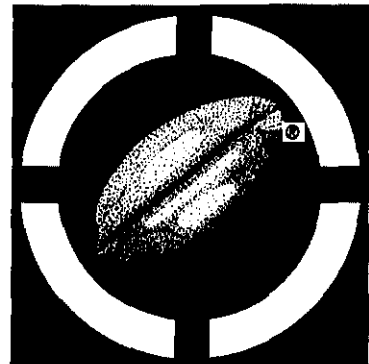
Sincerely,

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



2/3

GRAIN GUARD PLUS



ACCEPTED
with COMMENTS
In EPA Letter Dated:
APR 29 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
42056-15

Grain Guard Plus Drill Box Seed Treatment for Wheat, Oats, Barley, Rye, Corn and Sorghum

Active Ingredients:		By Wt.
Mancozeb - A coordination product of zinc ion and manganese ethylene bisdithiocarbamate	.....	50.00%
In which the ingredients are:		
Manganese ++	.....	10.00%
Zinc ++	.....	1.25%
Ethylene Bisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄)	.....	38.75%
Lindane (Gamma isomer of benzene hexachloride)	.....	18.75%
Inert Ingredients	.....	31.25%
Total	.....	100.00%

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para 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 WARNING

May be fatal if swallowed. Causes substantial but temporary eye injury. Harmful if inhaled or absorbed through skin. May cause irritation of nose, throat and skin. Do not get in eyes or on clothing. Avoid contact with skin and breathing dust or spray mist. Do not rub eyes or mouth with hands. Keep all unprotected persons, children, livestock and pets away from treated area or where there is danger of drift. **Personal Protective Equipment:** Applicators and other handlers must wear; coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, chemical resistant apron when cleaning equipment, mixing or loading. 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, use detergent and hot water. Keep and wash PPE separately from other laundry.

FIRST AID

Have product container or label with you when calling a poison control center or doctor or going for treatment. **IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have 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 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 INHALED:** Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by 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 treatment advice.

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 pesticide product is toxic to fish, 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. Apply this product only as specified on the label. Exposed treated seeds may be hazardous to birds and other wildlife. Cover or incorporate spilled treated seed. Dispose of all excess treated seeds by burial away from bodies of water.

EPA REG. NO. 42056-15
EPA EST. NO. 42056-IL-1

Net Weight: 5 lbs. (2.27 kg)

Manufactured by: TRACE CHEMICALS LLC Pekin, Illinois 61554

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.

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), 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 12 hours. "Exception: If the product is soil-injected or soil-incorporated, 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 over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear.

PRODUCT INFORMATION

TCI Grain Guard Plus Drill-Box Seed Treatment is formulated to protect seeds against stinking smut (bunt) of wheat, oat smuts, covered and false loose smuts of barley, seed decay and damp-off. Also protects seeds and seedling from wireworm damage. **TCI Grain Guard Plus** Drill-Box Seed Treatment is formulated with graphite to lubricate the planter and assure a smooth even flow in the furrow.

RATE - Wheat, oats, barley, rye - Use 2 ounces per bushel of seed.

Corn, Sorghum - Use 3 ounces per bushel of seed.

NOTE - One level scoop (enclosed) is equivalent to approximately one avoirdupois ounce of this product. Apply as a drill-box or planter-box treatment. For best results, fill planter-box or drill only half-full of seed, add half the amount of **Grain Guard Plus** Drill-box Seed Treatment and mix thoroughly with a stick or paddle. Add the remainder of seed and product and mix again so that all seeds are covered.

DO NOT MIX WITH BARE HANDS. IF SOIL TEMPERATURE IS EXTREMELY HIGH (hot weather, midsummer planting or other reasons) reduce recommended dosage by one-third. Avoid lengthy storage of treated seeds to prevent loss of lindane.

USE RESTRICTION

Users should carefully read, understand and follow all use restrictions prior to using **Grain Guard Plus** Drill Box Seed Treatment. Treated seed must not be used for or mixed with animal feed or processed for oil. Care must be exercised in the handling of treated seed. Treat only those seed needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

STORAGE AND DISPOSAL

STORAGE: Store in a cool dry place. Do not allow product to become wet or overheated. **PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. **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). Then offer for recycling or reconditioning, or puncture and dispose of 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 or 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.