

AUG 19 1994

Mr. Tim McArdle
Trace Chemicals Inc.
P.O. Box 518
Pekin, IL 61555-0518

Dear Mr. McArdle:

Subject: Amendment - Reduction of REI as allowed by WPS
Kernel Guard
EPA Registration No. 42056-11
TCI Captan-Lindane Seed Treatment
EPA Registration No. 42506-14
Your Letters Dated April 23, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. Our review of the subject products use pattern indicates that a 96 hour REI nor 48 hour REI is justified. Therefore the appropriate REI for these products is 12 hours. Please modify the labeling to reflect the 12 hour REI.

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Your Confidential Statement of Formula (CSF) for **EPA Reg. No. 42056-11** does not list the impurities of toxicological concern separately nor does it include the diazinon certification for FIFRA Sec. 12(a)(1)(C), that the description of this product refers to the composition set forth on the CSF and supporting materials as required by the Diazinon Registration Standard. Please check with Ciba Geigy, your supplier in this regard and update your CSF accordingly.

Sincerely yours,

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

Enclosure

LC/A

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ACCEPTED
WITH COMMENTS
EPA Label Dated

Front Panel

AUG 10 1991

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

42056-14

TCI
TRACE CHEMICALS, INC.

TCI Captan Lindane Seed Treatment

Insecticide-Fungicide

For the protection of germinating seeds and seedlings against
wilt-worms, damping off, seed decay and seedling blights.

Active Ingredients:	By Wt.
*Captan.....	32.75%
Related Derivatives.....	.75%
**Lindane.....	16.60%

Inerts Ingredients.....	49.90%
Total	100.00%

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
**Gamma isomer of benzene hexachloride

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.)

Statement of Practical Treatment

If in eyes: Flush with plenty of water. Call a physician.
If swallowed: Drink promptly a large quantity of water and induce
vomiting by touching the back of the throat with finger. Repeat until
stomach fluid is clear. Do not induce vomiting or give anything by mouth
to an unconscious person.
If inhaled: Remove victim to fresh air. Apply artificial respiration
if indicated.
If on skin: Wash affected areas with soap and water.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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

Net Wt. 1 pound
(454 grams)

Manufactured by

TRACE CHEMICALS, INC.

Peekin, Illinois 61555-0518

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)
DANGER

Treat outdoors or in a well-ventilated area. Causes irreversible eye damage. May be fatal if swallowed or absorbed through skin. Harmful if inhaled. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin and clothing. Avoid contamination of feed and feedstuffs. Do not use treated seeds for food, feed or oil purposes.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear; long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, chemical-resistant apron when cleaning equipment, mixing or loading, Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturers'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.

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 contaminate water by cleaning of equipment or disposal of wastes. Exposed treated seeds may be hazardous to birds and other wildlife. Birds feeding on treated seeds may be killed. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

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 food or feed. 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.

Left Back Panel (continued)

CONTAINER DISPOSAL: Completely empty bag into application equipment.
Then dispose of empty bag in a sanitary landfill or by incineration.
If allowed by State and local authorities, by burning. Do not
stay in smoke.

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 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 48 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 they will have no contact with anything that has been treated."

For earlier than 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, use: long-sleeved shirt and pants, gloves plus socks, protective eyewear.

Application:

Apply as a dry mixture in the planter or drill box as a seed treatment prior to planting. Measuring cup enclosed. One level cup contains approximately 4 ounces of product.

Mixing Instructions: For best results, fill planter or drill box half full of seed, add half the required amount of Captan-Lindane Seed Treatment and mix thoroughly with a stick or paddle. Add the remainder of the seed and Captan-Lindane Seed Treatment and mix again so that all seed are covered. DO NOT MIX WITH BARE HANDS.

Rate: Use the designated amount of product per 100 pounds of seed.

For more information on this product, please contact your local agricultural agent.

This product is a registered pesticide of the U.S. Environmental Protection Agency. It may be used only in accordance with the label directions. Do not use this product in any way that is inconsistent with the label directions. Do not use this product in any way that is inconsistent with the label directions.

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Right Back Panel Continued

Peas.....	1	oz.
Cucumbers, Cantaloupes, Watermelons, Squash, Pumpkins.....	4	oz.
Carrots, Onion.....	4	oz.
Cotton.....	8	oz.
Okra.....	4	oz.
Alfalfa, Clover.....	2	oz.
Barley.....	4	oz.
Spinach, Sunflower.....	4	oz.
Oats.....	2	oz.
Safflower, Rye, Sudan Grass.....	2	oz.
Flax.....	2	oz.
Soybean.....	2	oz.
Cabbage, Cauliflower, Broccoli, Brussels Sprouts, Radishes....	2	oz.
Sorghum.....	3	oz.
Wheat.....	2	oz.

PRODUCT INFORMATION

TCI Captan-Lindane 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 the seeding mechanism and clean as required.

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.

CONDITIONS OF SALE

TRACE CHEMICALS, INC. warrants that this material conforms to its label description and is reasonably fit for use if used strictly in accordance with label directions. But neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied extends to the use of this product, contrary to label instructions. Since other factors such as, but not limited to, planter malfunctions, herbicide injury, fertilizer injury, flood and drought can affect seed germination and emergence, even when this material is used according to label directions, Buyer assumes all risks incident thereto. Trace's and Seller's liability shall be limited to return of the purchase price.

TRACE CHEMICALS, INC.
Pekin, Illinois 61555-0518