



10/24/2002
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 1/4

WASHINGTON, D.C. 20460

OCT 24 2002

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Patrick T. Flynn, Jr.
Eagle-Picher Minerals, Inc.
9785 Gateway Drive, Suite 1000
Reno, Nevada 89511

Subject: Amendment: Revising Directions for Use
Crop Guard
EPA Reg. No. 7655-1
Your Submission Dated August 6, 2002

Dear Mr. Flynn:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. You must make the following changes to the "Grain Storage" Directions for Use on page 2. [Note: These changes are needed to reflect the addition of non-grain products, such as peanuts, cocoa beans, etc. to the sites which may be treated]:
 - a. Change the heading to "Stored Grains and Other Commodities".
 - b. Revise the first sentence as you proposed in your 10/23/02 email message to Susan Stanton: "Crop Guard™ can be used with feed grains, seed, stored grains and other raw agricultural products including barley, ... beans, and mixtures of these products."

Similarly, revise the sentence "Crop Guard can be applied to the grain at the time of storage ..." to read "Crop Guard can be applied to the grain or other agricultural products at the time of storage ...".


You may also change "empty grain bins" to "empty bins"; and "... top and bottom 3-4 feet of grain in bins" to "... top and bottom 3-4 feet of the bin".

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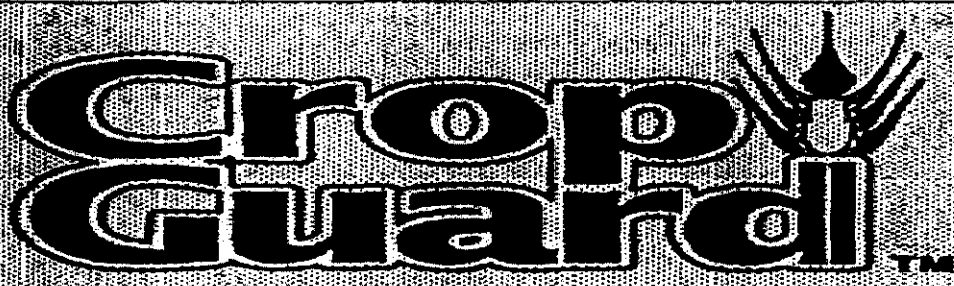
If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

A handwritten signature in cursive script that reads "Susan L. Stanton, for".

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

Enclosure



INGREDIENTS

Active Ingredients

| | |
|--|-------------|
| Silicon Dioxide, from diatomaceous earth | 85% |
| Other Elemental Oxides | 10% |
| Moisture | 5% |
| TOTAL | 100% |

**CAUTION
KEEP OUT OF REACH OF CHILDREN**

FIRST AID STATEMENT

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 Inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, and 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.

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 the eye.
- Call a poison control center or doctor for treatment advice.

Have product container or label with you when calling a poison control center or doctor, or going for treatment.

SEE REVERSE SIDE OF PACKAGE FOR
ADDITIONAL PRECAUTIONARY STATEMENTS



Manufactured by:
Eagle-Picher Minerals, Inc.
PO Box 12130, Reno, NV 89510

EPA Reg. No. 007655-1
EPA Est. No. 007655-NV-001
Net Weight 50 lbs. (22.68 kg.)

ACCREDITED
with COMMENTS
In EPA Letter Dated:
OCT 24 2002
Under the Fungicide, Insecticide, and Plant Growth Regulator Act, as amended, and the pesticide registration law (7 U.S.C. 136) No. 7655-1

4/4

Crop Guard™

READ ENTIRE LABEL BEFORE EACH USE

Directions for Use

It is in violation of Federal law to use this product in a manner inconsistent with its labeling. For use in homes, apartment buildings, hotels, farm buildings, stored grains, animal beddings and insulation.

Grain Storage

Crop Guard™ can be used with feed grains, seed, and stored grains including barley, buckwheat, corn, oats, rice, rye, sorghum, wheat, flax, pea, soybean, peanuts, popcorn, cocoa beans, and mixtures of these grains. **Crop Guard** is an effective insecticide for killing exposed insects such as, Rice Weevils, Granary Weevils, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Red Flour Beetles, and Tribolium in empty grain bins, warehouses, boxcars, containers, ships, and silos. Moisture content of grain should be regulated to less than 12% for effective insect control. **Crop Guard** can be applied to the grain at the time of storage and should be added at a point where sufficient blending can occur. **Crop Guard** can be applied at a rate of 1 to 7 pounds per ton and can be mixed throughout the entire grain mass, or used as a top and/or bottom dressing. Uniformity of blend is important for efficient pest control. For dressings, treat the top and bottom 3-4 feet of grain in bins. Apply **Crop Guard** at the recommended rate since treated grain may have reduced flowability. USDA directive 918.49 advises that grain properly identified as containing **Crop Guard** diatomite will not be downgraded solely based on diatomite content. Refer to the USDA Directive for proper identification and grading procedures.

Surface Application

Apply **Crop Guard** at a rate of 4 pounds per 1000 square feet of surface area over the top of the grain bed. If surface is disturbed so that protective barrier is breached, reapply **Crop Guard** at a rate of 4 pounds per 1000 square feet.

Empty Storage Area Treatment

Crop Guard should be dusted lightly, at an approximate rate of one (1) pound per 1000 square feet on all interior wall and floor surfaces of empty storage areas. Pay special attention to those areas of harborage for insects (cracks and crevices).

Insulation:

Crop Guard can be mixed with cellulose insulation to aid in the control roaches, slugs, ants, earwigs, grasshoppers, crickets, silverfish, millipedes, centipedes, sowbugs, pill bugs, lice and mites in insulated areas. Mix 1 lb. of **Crop Guard** with 20-25 lbs. of cellulose insulation before blowing material into treatment site.

Aids in the Control of Fleas and Ticks:

Domestic Animals: USE ONLY ON DOGS AND CATS Do not use on dogs and cats under 12 weeks old. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing, or medicated animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

Directions for use: Work **Crop Guard** thoroughly into animal's fur with a brush. Wipe excess off with a damp cloth being careful not to remove product that is near the animal's skin and in contact with insects. Application over the entire animal is necessary. Reapply every two or three days. Frequent use may dry animal's skin. Apply **Crop Guard** liberally to pet's bedding and in sleeping quarters, particularly in corners, cracks and crevices.

Carpet Application: Sprinkle lightly over carpet and work into nap with broom or carpet rake. Vacuum carpet 48 hours after application to remove dust. Reapply when flea infestations are apparent.

Roaches, Slugs, Ants, Earwigs, Grasshoppers, Crickets, Silverfish, Millipedes, Centipedes, Sowbugs, Pill Bugs, Lice, Mites, Box Elder Bugs, and Carpet Beetles: Apply **Crop Guard** in areas frequented by these pests such as cabinets, drawers, cupboards and in cracks and crevices. Build a barrier about 1/4" high that pest will crawl through. Remove and replenish as necessary.

Product Description: **Crop Guard** diatomaceous earth acts on insects physically by abrading the exterior skeleton and dehydrating the insect. **Crop Guard** insect control utilizes the physical qualities of diatomaceous earth.

Storage and Disposal: Do not contaminate water, food or feed by improper storage or disposal.

Storage: Store in a cool dry place.

Pesticide Disposal: Product waste resulting from the use of **Crop Guard** may be disposed of on-site or at an approved waste disposal site (check local regulations).

Container Disposal: Completely empty bag into application equipment. Then dispose of empty container in a sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Precautionary Statement

Hazards to Humans and Domestic Animals

Caution: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Use adequate ventilation and avoid breathing dust. Wear a suitable dust mask when using this product during prolonged exposure. Respirators fitted with filters certified to standard 42CFR84 as meeting an N95 efficiency are suitable.

For further information contact Eagle-Picher Minerals, Inc.

At (775) 824-7600