

DUAL-PURPOSE RES-Q WITH LINDANE

Disinfectant and Protectant Dust or Slurry Treatment For Seed

Controls stinking smut or bunt of wheat, covered kernel smut of sorghum, false loose and covered smut of barley, oat smuts, and, many seed or soil-borne seedling blights (seed borne root rets) of wheat, sorghum, barley, oats, rye and flax.

GORDON'S DUAL-PURPOSE RES-Q PROTECTANT & DISINFECTANT is for use directly in the drill or planter box at time of seeding, or may be used in slurry or dust treaters.

# ACTIVE INGREDIENTS:

| Hexachlorobenzene                              | 16.0%  |
|--|--------|
| Captan***                                      | 4.0%   |
| Maneb (Manganese ethylenebisdithiocarbamate)   | 29.0%  |
| Lindane (Gamma isomer of benzene hexachloride) | 30.0%  |
| INERT INGREDIENTS                              |        |
| Total  | 100.02 |

\*Trademark Pending. \*\*Patent Pending

\*\*\*N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide.

\_\_\_\_ 12 pt. bold. \_\_ 18 pt. bold. KEEP OUT OF REACH OF CHILDREN CAUTION C See side panels for additional precautionary statements. ACCEPTED with COMMENTS in EPA Letter Dated:

MET WEIGHT THREE POUNDS

MAY 3 1983

Under the Felicial Insecticide, Fungicide, and Rodenticide Act amended, for the pesticide registered under EPA Reg. No. 2217-562

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

#### PRECAUTIONARY STATEMENTS

#### -Hazards to Humans & Domestic Animals-

CAUTION: May be harmful if swallowed or inhaled. May cause irritation of eyes, nose, and throat. Avoid breathing dust. Avoid contact with eyes, skin, or clothing. When using, wear protective clothing such as long sleeves, long pants, hat, gloves, covering for face and eyes. Wear a dry dust filter and fume mask when handling. Wash thoroughly after use and launder clothing before rouse. Wash hands before eating or smoking.

Do not use treated or left over seed for food or teed purposes. Do not mix seed with bare hands.

# -Statement of Practical Treatment-

In case of contact with skin, wash with soap and water. For eyes, flush with water for 15 minutes and get medical attention.

# -Environmental Hazards-

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

# -Physical or Chemical Hazards-

Do not allow this product to become wet during storage as such may produce vapors which may be flammable.

#### USE PRECAUTIONS:

Treat only the amount of seed to be sown to avoid the problem of storing treated seed and the associated hazards of feed and food contamination. Dispose of excess treated seeds by burial.

#### <u>PIRECTIONS</u> FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

#### STORAGE & DISPOSAL

### Storage:

Do not allow to become wet during storage. It Maneb becomes wet during storage, its fungicidal effectiveness may be reduced and such may also produce vapors which may be flammable. Keep container tightly closed except when removing contents. Store in a dry, well-ventilated area away from foodstuffs.

#### Pesticide Disposal:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures under Subtitle C of the Resource Conservation and Recovery Act.

#### Container Disposal:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

EPA REG. NO. 2217-56:2 EPA EST. NO. 2217-KS-1

Mfd. By PBI/GORDON CORPORATION Kansas City, Kansas 66118

Limited Warranty. Manufacturer warrants that the chemical composition conforms to the ingredient statement given on the label and that this product is suited for the labeled use when applied according to label directions. Because of widely varying use conditions, it is impossible to eliminate all risks even when label directions are followed.

Exclusion of Other Warranties and Remedies.
Except where such disclaimers and exclusions are specifically prohibited by applicable law, THE POREGOING IS THE ONLY GUARANTEE OR WARRANTY APPLICABLE TO THIS PRODUCT AND IS GIVEN EXPRESSLY AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES WHICH EXCEED OR DIFFER FROM SAID LIMITED WARRANTY ARE DISCLAIMED BY MANUFACTURER, and, upon Manufacturer's compliance with said limited warranty, BUYER SHALL HAVE NO REMEDY AGAINST MANUFACTURER FOR ANY TYPE OF DAMAGE OR LOSS. and, IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL DAMAGE OR LOSS.



General Information: Dual-Purpose Res-Q is specially formulated for sue as a dust or slurry treatment for the temporary protection of germinating seeds and seedlings from wireworm attack. It is suitable for use applied directly to the seed at planting time, either as a hopper box mix or through dust treaters, or it can be mixed in water and applied as a slurry on the farm or in the seed plant.

#### HOPPER BOX Treatment:

For best results mix Dual-Purpose Res-Q thoroughly with seed. If possible pre-mix Dual-Purpose Res-Q with seed in a separate container or dust treater. If this is not possible, partly fill (1/3) the planter box with seed and sprinkle proper amount of Dual-Purpose Res-Q on the grain and mix with a paddle. Repeat as needed to fill seed box. Do not mix with bare hands.

# Slurry Treatment:

Prepare slurry by mixing Dual-Purpose Res-Q in proper amount of water. The following table gives dosage of chemical for various crops and recommended dilutions for slurry.

|                   | Dust                             | Slurry                             |                                  |             |                |  |
|-------------------|----------------------------------|------------------------------------|----------------------------------|-------------|----------------|--|
| Seed              | Dosage in<br>ounces<br>of Slurry | LBS Res-Q<br>Per Gal.<br>of Slurry | Bushels<br>Per Gal.<br>of Slurry | Cup<br>Size | Dump<br>Weight |  |
| Wheat             | 1.25                             | 1.25                               | 16.0                             | 30cc        | 7.6 lb         |  |
| Rye               | 2.5                              | 2.0                                | 12.8                             | 30cc        | 5.3 1b         |  |
| Barley            | 2.5                              | 2.0                                | 12.8                             | 30cc        | 4.6 lb         |  |
| Oats              | 2.5                              | 2.0                                | 12.8                             | 30cc        | 3.0 lb         |  |
| Flax              | 5.0                              | 2.5                                | 8.0                              | 30cc        | 3.6 lb         |  |
| Sorghum<br>& Milo | 2.5                              | 2.0                                | 12.8                             | 30cc        | 5.3 lb         |  |

Because treatment machines vary so greatly it is not possible to specifiy every slurry cup size, seed gate number if applicable, or how to set pan dump weight.

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PBI/Gordon Corporation 300 South Third Street Kansas City, KS 6G18

Gentlemen:

Subject: Gordon's Dual-Purpose Res-Q with Lindane EPA Registration No. 2217-562 Your Letter Dated March 15, 1983

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

1. Change "Use Precautions" to read "Note to User" and add the following:

For seed treatment, a dye must be added to impart an unnatural color to the seed. Treated seed should be labeled and must not be used for food, feed or oil purposes.

Submit 5 copies of the final printed label. A stamped copy of the label is enclosed for your records.

Sincerely yours,

Henry H. Jacoby

Product Manager (21)

Fungicide-Herbicide Branch

Registration Division (TS-767)

Enclosure

TS-767:JACOBY:DCR-03290:WANG-3902C:hk:Raven:479-2013:4/22/83

| CONCUMMENCES |              |   |   |   |   |  |      |                |  |
|--------------|--------------|---|---|---|---|--|------|----------------|--|
| SAMMOT >     |              |   |   |   |   |  |      |                |  |
| PURNAMED     |              |   |   |   |   |  |      | [ <del>-</del> |  |
| DATE         |              |   |   |   | · |  |      |                |  |
| ERA Form     | 320.1 (4.81) | · | L | L |   |  | OFEN | CIAL FILE CORY |  |