

7501-134

7501-2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Dennis McFadden
Manager, Toxicology and Regulatory Affairs
Gustafson LLC
P.O. Box 660065
Dallas, TX 75266-0065

MAY 20 2003

Subject: Gustafson LSP Flowable Fungicide
EPA Reg No. 7501-134
Your amendment dated April 17, 2003

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.

One copy of the label stamped "Accepted" is enclosed for your records.

Please submit one copy of the final printed label before the product is released for shipment.

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

Sincerely,

Dennis McNeilly
Acting Product Manager (22)
Fungicide Branch
Registration Division (7505C)

enclosure

134(S)041003A1
add soybeans and corrections

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Gustafson LSP

ACCEPTED
with COMMENTS
In EPA Letter Dated:

MAY 20 2003

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

7501-

Flowable Fungicide

For Use Only By Commercial Seed Treaters

Active Ingredient:

Thiabendazole : 2-(4-thiazolyl) benzimidazole 30%

Inert Ingredients: 70%

Total..... 100%

EPA Registration No. 7501-134 EPA Est.

**KEEP OUT OF REACH OF CHILDREN
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed. Do not get in eyes or on skin.

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:

- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

Note to Physician:

Contains petroleum distillate - vomiting may cause aspiration pneumonia.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on agricultural establishments in hopper-box, planter-box, slurry-box, or other seed treatment applications at or immediately before planting.

STORAGE AND DISPOSAL

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

Storage: Product freezing temperature is 32° F. Satisfactory utility is restored after thawing and mixing of product stored as low as 0° F. Repeated freezing and thawing should be avoided. Keep cover on opened container to prevent drying. Shake or stir well before using.

Pesticide Disposal: Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

Container Disposal: Contact Gustafson or your chemical supplier for container return instructions. If container is not returned in accordance with instructions, triple rinse (or equivalent), then 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.

GENERAL: Gustafson LSP is a systemic fungicide especially formulated as a liquid suspension seed protectant for use as a spray mist or slurry seed treatment.

SEED TREATMENT: Clean seed treatment equipment thoroughly before using Gustafson LSP. This product has no vapor action; therefore, it is essential that thorough coverage of the seed be obtained. In this regard, Gustafson LSP is recommended to be dispersed with water to aid distribution on the seed. When dispersed with water, however, the resulting suspension must be kept under constant agitation.

Gustafson LSP is recommended for the control of seed- and soil-borne Common Bunt (Stinking Smut) attacking wheat; also aids in control of Dwarf Bunt.

WINTER AND SPRING WHEAT: Control of seed- and soilborne Common Bunt (Stinking Smut): For ready mix or slurry seed treaters, disperse 2.0 fl. oz. of Gustafson LSP for seedborne Common Bunt, or 4.0 fl. oz. per 100 lbs. of seed for soilborne Common Bunt, in an equal amount of water (1:1 ratio) and apply this dispersion per bushel. Keep dispersion under constant agitation.

For wheat seed having high infection levels of seedborne *Fusarium* scab, a lower rate of 0.25 fl. oz. per 100 lbs. of seed is recommended. Gustafson LSP should be used as a co-fungicide combined with RAXIL- or VITAVAX-based fungicides to include seed and seedling protection against the broad spectrum of diseases associated with the wheat crop, as listed on the product labels.

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WINTER WHEAT ONLY: Aids in control of Dwarf Bunt in Colorado, Idaho, Montana, Oregon, Washington, Wyoming, and Utah: For ready mix or slurry seed treaters, disperse 4.0 - 6.0 fl. oz. of Gustafson LSP in an equal amount of water (1:1 ratio) and apply this selected dispersion per 100 lbs. of seed. Keep dispersion under constant agitation. For best results against Dwarf Bunt, plant winter wheat treated with Gustafson LSP as late in the growing season as is practical. Use only on normal or late winter wheat plantings. Use the lower rate for late plantings of winter wheat. The level of product effectiveness will vary with the weather conditions and amount of plant growth which occurs prior to the disease infection period.

Gustafson LSP is recommended for control of pod and stem blight (*Phomopsis spp.*) on soybeans to enhance germination and early seedling development. For control of other seed and soilborne diseases, it is recommended that a co-fungicide such as Gustafson Captan 400, Gustafson 42-S Thiram or RTU-VITAVAX-Thiram be tank mixed with Gustafson LSP at the EPA registered label rates.

SOYBEANS: Control of Pod and Stem blight: Apply Gustafson LSP at the rate of 0.125-0.25 fl. oz. per 100 lbs. of seed by mixing with the co-fungicide/water dispersion in the slurry pre-mix tank. Maintain constant agitation of dispersion.

USE PRECAUTION: When using formulations that do not contain dye, to comply with 40 CFR 153.155, all seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

COMPATIBILITY: Gustafson LSP should not be tank mixed with any pesticide unless adequate physical compatibility and phytotoxicity tests have been completed and proved to be satisfactory.

SEED LABELING: "This seed is treated with Thiabendazole at the manufacturer's recommended rate. Do not use treated seed for food, feed, or oil purposes." Add appropriate information for any other chemical treatments.

terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

A quality product manufactured by:

Gustafson LLC
 P. O. Box 660065
 Dallas, Texas 75266
 Questions?(972) 985-8877

Gustafson (logo) is a registered trademark of Gustafson LLC, Plano, Texas

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 Gustafson LLC no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson 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, GUSTAFSON LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON 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 Gustafson LLC. If these