



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

FEB 17 1994

Dennis L. McFadden
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P. O. Box 660065
Dallas, TX 75266

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 09/09/93 in Response to PR Notice 93-7
EPA Reg. No. 7501-42
GUSTAFSON APRON-FL SEED TREATMENT FUNGICIDE

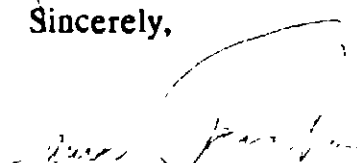
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)



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contains at least 50% recycled fiber

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Gustafson APRON® -FL

Seed Treatment Fungicide

A SEED TREATMENT CHEMICAL FOR CONTROL OF SEED
ROT AND DAMPING OFF DISEASES OF CERTAIN CROPS

ACCEPTED
with COMMENTS
In EPA Letter Dated

FEB 17 1994

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

7501-42

ACTIVE INGREDIENT:

Metalaxyl:N-(2,6-dimethylphenyl)-
N-(methoxyacetyl)alanine methyl ester 28.35%
INERT INGREDIENTS: 71.65%

TOTAL 100.0%

Contains 2.65 pounds Metalaxyl per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Additional Precautionary Statements.

EPA Reg. No 7501-42

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through the skin. May cause eye irritation. Do not get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.

If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

If on skin: Wash affected area with soap and warm water.

ENVIRONMENTAL HAZARDS

For terrestrial uses, 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.

IMPORTANT: Read the entire Directions for Use and the Limited Warranty Statement before using this product.

NOTE: Federal Law requires that bags containing treated seeds shall be labeled with the following information. "This seed has been treated with Gustafson APRON-FL fungicide. Do not use for feed, food or oil purposes. Store away from feeds and food-stuffs." Use with an EPA approved dye that imparts an unnatural color to the seed.

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 containers.

STORAGE--Store in a cool dry location. Do not store in direct hot sunlight. Do not store above 90°F for prolonged periods of time. After prolonged storage in intense cold, allow product to return to approximately 75°F before using.

PESTICIDE DISPOSAL--Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL--Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

Gustafson APRON-FL is a systemic fungicide seed dressing specifically for control of systemic downy mildews, *Pythium* and *Phytophthora spp.* For control of other soilborne diseases, combination of Gustafson Captan and VITAVAX® registered formulations are compatible. Do not use with other seed treatment products unless previous experience assures compatibility. Gustafson APRON-FL may be applied as a water-based slurry with other registered seed treatment insecticides and fungicides through standard slurry or mist-type commercial seed treatment equipment. Not for use on agricultural establishments in hopper-box, slurry-box or seed-treatment applications at or immediately before planting.

Note: Gustafson APRON-FL is a systemic fungicide having a specific mode of action. Gustafson APRON-FL could be subject to development of resistant strains of fungi. Development of resistance cannot be predicted. Therefore, Gustafson, Inc. cannot assume liability for crop damage resulting from resistant strains of fungi. Consult your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible Gustafson APRON-FL resistant strains of fungi which may occur.

FAILURE TO FOLLOW DIRECTIONS ON THIS LABEL MAY
RESULT IN CROP INJURY OR POOR DISEASE CONTROL.

Gustafson



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Cotton	For <i>Pythium</i> seed rot and damping-off: Apply Gustafson APRON-FL as a seed treatment at the rate of .75-1.50 fluid ounces per 100 lbs. of seed.
Soybeans	For <i>Pythium</i> damping-off and early season <i>Phytophthora</i> control: Apply Gustafson APRON-FL as a seed treatment at the rate of .75-1.50 fluid ounces per 100 lbs. of seed.
Sorghum	For control of <i>Pythium</i> and systemic downy mildew: Apply Gustafson APRON-FL as a seed treatment at the rate of 1.5-3.0 fluid ounces per 100 lbs. of seed to hybrids with resistance to at least two pathotypes of downy mildew. The 3.0 fl. oz. rate is only recommended for area with a recent severe history of a pathotype of downy mildew that is pathogenic to the hybrid being treated. Seed treated with the 3.0 fl. oz. rate should be planted and not carried over to the following year. Only high quality sorghum seed (90% germ and above) should be treated with Gustafson APRON-FL.
Sunflowers	For control of systemic downy mildew: Apply Gustafson APRON-FL as a seed treatment at the rate of 3 fluid ounces per 100 lbs. of seed.
Sunflowers (Export Only)	FOR TREATMENT OF SUNFLOWERS DESTINED FOR EXPORT ONLY TO COUNTRIES REQUIRING TREATMENT WITH METALAXYL PRIOR TO IMPORTATION: Apply Gustafson APRON-FL at the rate of 10 fluid ounces (3.3 ounces active) per 100 pounds of seed. Seed treated in accordance with this use pattern must be labeled as follows: FOR EXPORT ONLY - Not for domestic sale or use.
Garden Beets (including Sugar Beets)	For control of <i>Pythium</i> damping-off: Apply Gustafson APRON-FL as a seed treatment at the rate of 1.50 fluid ounces per 100 lbs. of seed.
Forage Legumes	Alfalfa, clover, lespedeza beans (for forage), soybeans (for forage), soybean hay, peanuts (for forage), peanut hay, peas (for forage), pea vine hay, cowpeas (for forage), cowpea hay, trefoil, vetch and velvet beans (for forage). For <i>Pythium</i> damping-off and early season <i>Phytophthora</i> control: Apply Gustafson APRON-FL as a seed treatment at the rate of .75-1.50 fluid ounces per 100 lbs. of seed.
Grain Crops	Wheat, barley, rye, oats, millet, milo, rice, corn (field corn, sweet corn and popcorn), buckwheat and triticale. For <i>Pythium</i> damping-off control: Apply Gustafson APRON-FL as a seed treatment at the rate of .75-1.50 fluid ounces per 100 lbs. of seed.
Corn (Export Only)	FOR TREATMENT OF CORN DESTINED FOR EXPORT ONLY TO COUNTRIES REQUIRING TREATMENT WITH METALAXYL PRIOR TO IMPORTATION: Apply Gustafson APRON-FL at the rate of 3 to 10 fluid ounces per 100 pounds of seed. Seed treated in accordance with this use pattern must be labeled as follows: FOR EXPORT ONLY - Not for domestic sale or use.
Seed and Pod Vegetables	Black-eyed peas, chickpeas (Garbanzos), cowpeas, dill, edible soybeans, field beans, field peas, garden peas, green beans, kidney beans, lima beans, lupines, navy beans, okra, peas, pole beans, snap beans, string beans, wax beans, and lentils. For <i>Pythium</i> damping-off and early season <i>Phytophthora</i> control: Apply Gustafson APRON-FL as a seed treatment at the rate of .75-1.50 fluid ounces per 100 lbs. of seed. For control of <i>Pythium</i> damping-off and systemic downy mildew of peas: Apply Gustafson APRON-FL as a seed treatment at the rate of 3.4 fluid ounces per 100 lbs. of seed.

DIRECTIONS FOR USE (continued)

Cucumbers	For control of <i>Pythium</i> damping-off: Apply Gustafson APRON-FL as a seed treatment at the rate of 1.50 fluid ounces per 100 lbs. of seed. For season long control, apply RIDOMIL® 2EC or 5G in accordance with label directions.
Turf Grasses	For <i>Pythium</i> damping-off control on golf courses home lawns, reclamation and erosion control projects: Apply Gustafson APRON-FL as a seed treatment at the rate of 1.50 fluid ounces per 100 lbs. of seed.
Forage Grasses	Grasses grown for hay grazing or silage, corn (fodder or silage), sorghum (hay or silage), and small grain grown for hay grazing or silage. For <i>Pythium</i> damping-off control: Apply Gustafson APRON-FL as a seed treatment at the rate of .75-1.50 fluid ounces per 100 lbs. of seed.

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, except for the purposes of curative control of existing disease or insect pests, 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, Inc., no claims are made to guarantee germination of carry-over seed.

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

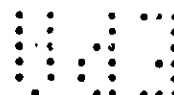
Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Gustafson, Inc. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

A quality product manufactured by:
Gustafson, Inc.
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Plano, Texas 75093
(214) 985-8877

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