



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

DEC 1 0 1993

Dennis L. McFadden
GUSTAFSON, INC.
P.O. Box 660065
Dallas, TX 75266 19103

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/23/93 in Response to PR Notice 93-7
EPA Reg. No. 7501-140
GUSTAFSON APRON + CAPTAN - FUNGICIDE SEED PROTECTANT

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING. Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.



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contains at least 50% recycled fiber

Page 2

Each notification must include the following information:

- 1. Registrant 's name and address.**
- 2. EPA Registration number of the product for which the labeling was submitted.**
- 3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.**

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

- 1. Quantity of the product that has been sold or distributed.**
- 2. EPA Producing Establishment number.**
- 3. Location of the product, if known.**
- 4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.**

Submit the notification to:

**Michael Wood, Director
Compliance Division, (7203)
Worker Protection Notification
Office of Compliance Monitoring
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460**

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling as amended

AND

- **WITHIN** one year from date of this acceptance.

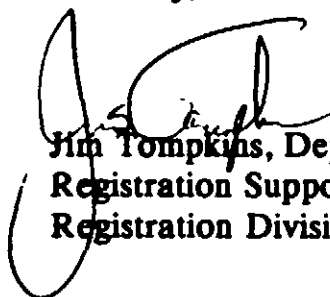
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final labeling may be made to:

**Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202**

Sincerely,



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

Attachment

cc: Office of Compliance Monitoring

BEST AVAILABLE COPY

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
7501-140

Gustafson APRON® + Captan Fungicide Seed Protectant

An on-farm soybean and sorghum seed treatment for protection against seed rots and certain diseases caused by *Pythium* and *Phytophthora spp.*

APRON + Captan is a powder for dry seed treatment.

ACTIVE INGREDIENT:

Meta:axyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester	12.5%
*Captan	30.8%
Resated Derivatives	0.7%
INERT INGREDIENTS:	56.0%
TOTAL:	100.0%

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

**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 milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Do not induce vomiting or give anything by mouth to an unconscious person.
If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.
See additional precautionary statements.

EPA Reg. No. 7501-140

EPA Est. _____

Net Contents: ___ Pounds

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER PELIGRO**

Causes irreversible eye damage. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes or on clothing. Avoid breathing dust and contact with skin.

PERSONAL PROTECTIVE EQUIPMENT:

Applicators and other handlers (other than mixers and loaders) must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear. Mixers and Loaders must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, and 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 manufacturer'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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

STORAGE AND DISPOSAL!

PESTICIDE STORAGE AND DISPOSAL: Store in a cool, dry place. Do not contaminate water, food or feed by storage or disposal, or cleaning of equipment. Open dumping is prohibited. Wastes resulting from the use of this product are acutely hazardous. Improper disposal of unused pesticide is a violation of Federal Law. Pesticide that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse container (or equivalent), puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, keep out of smoke.



DIRECTIONS FOR USE

It is a violation of State and Federal Law to use this product in a manner inconsistent with its labeling. Do 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 with 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 assistances. 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 there will be no contact with anything that has been treated. PPE required for 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, is: coveralls, waterproof gloves, and shoes plus socks.

IMPORTANT: Read the entire DIRECTIONS FOR USE and the LIMITED WARRANTY STATEMENT before using this product.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

GENERAL INFORMATION

Gustafson Apron + Captan Fungicide Seed Protectant is a dry powder formulated specifically for seed treatment application at planting time in soybeans and sorghum. Unique formulation technology has been incorporated to help lubricate the planter; thus allowing a smooth even flow of seed to the furrow, while providing uniform seed coverage and adherence to the seed.

DISEASES CONTROLLED

The combination of Apron with Captan provides protectant activity against seed rot organisms and protectant and systemic activity against *Pythium* damping-off, as well as early season control of *Phytophthora* diseases and control or suppression of Systemic Downy Mildews.

Gustafson Apron + Captan should be applied at planting time, utilizing the Gustafson CF-80* treater to maximize seed coverage. (*Calibrate the Gustafson CF-80 treater as per the manufacturer's instructions.) Seed should be placed in the treater and then the chemical added as follows:

SEED TREATMENT

Cotton: For protection against *Pythium* seed rot and damping-off: Apply APRON + Captan as a seed treatment to machine defoliated or acid defoliated cottonseed at the rate of 3-4 ounces per 100 lbs. of seed.

Forage Grasses: Grasses grown for hay, grazing or silage, corn (todder or silage) and small grain grown for hay or silage. For protection against *Pythium* damping-off: Apply APRON + Captan as a seed treatment at the rate of 3-4 ounces per 100 lbs. of seed.

Forage Legumes: Alfalfa, clover, lespedeza, beans (for forage), soybeans (for forage), soybean hay, peas (for forage) pea vine hay, cowpeas (for forage). For protection against *Pythium* damping-off and early season *Phytophthora*: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed. For suppression of early season downy mildew in alfalfa and soybeans: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.

Garden Beets: For protection against *Pythium* damping-off: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.

Grain crops: Wheat, barley, rye, oats, millet, rice, corn (field corn, sweet corn and popcorn), buckwheat and triticale. For protection against *Pythium* damping-off: Apply APRON + Captan as a seed treatment at the rate of 3-4 ounces per 100 lbs. of seed.

Turfgrasses (All): For protection against *Pythium* damping-off on golf courses, home lawns, reclamation and erosion control projects: Apply APRON + Captan as a seed treatment at the rate of 4-8 ounces per 100 lbs. of seed.

Seed and Pod Vegetables: Black-eyed peas, cowpeas, dill, edible soybeans, field beans, chick peas (garbanzo beans), field peas, garden peas, green beans, kidney beans, lima beans, navy beans, okra, peas, pole beans, snap beans, string beans, wax beans, lentils and lupines. For protection against *Pythium* damping-off and early season *Phytophthora*: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.

Sorghum: For protection against *Pythium* damping-off on all sorghum cultivars, use 4 ounces of APRON + Captan per 100 lbs. of seed applied as a seed treatment. For use in control of Systemic Downy Mildew, apply 4 ounces of APRON + Captan per 100 lbs. of seed on cultivars which possess sorghum downy mildew resistance. To those cultivars which do not possess resistance to a particular race of sorghum downy mildew in heavily infected areas with recent severe history, apply 8 ounces of APRON + Captan per 100 lbs. of seed as a seed treatment. Only high quality sorghum seed (90% germ and above) should be treated with APRON + Captan.

Sugar Beets: For protection against *Pythium* damping-off: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.

Soybeans: For protection against *Pythium* damping-off and early season *Phytophthora*: Apply APRON + Captan as a seed treatment at the rate of 3-4 ounces per 100 lbs. of seed.

Sunflower: For use in control of Systemic Downy Mildew: Apply APRON + Captan as a seed treatment at the rate of 8 ounces per 100 lbs. of seed.

NOTE: Federal law requires that bags containing treated seeds shall be labeled with the following information: "This seed treatment with Metalaxyl and Captan. Do not use for food, feed or oil purposes." Use an EPA approved dye that imparts an unnatural color to the seed.

USE PRECAUTIONS

- 1. Seed must be thoroughly mixed with the seed, and planters adjusted to the manufacturer's directions (planting rates including air or vacuum may be effected by seed additives).
- 2. For planters with electric eye monitors, periodically clean them with brushes provided by the planter manufacturer, according to their directions.
- 3. Treated seed must not be used or mixed with food or animal feed, or processed for oil.
- 4. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting.
- 5. Do not carry excess treated seeds to next season.
- 6. Do not use this product on seed which has been commercially treated with Metalaxyl (APRON) Fungicide.

**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.

Gustafson (Logo) is a Reg TM of Gustafson, Inc.
Apron® trademark of CIBA-GEIGY Corp. for metalaxyl.
U. S. Patent 4,151,299

A quality product sold by:
Gustafson, Inc.
1400 Preston Road, Suite 400
Plano, Texas 75093
(214) 985-8877

PM 23

7501-140

Labeling
10/7



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

DEC 1 0 1993

Dennis L. McFadden
GUSTAFSON, INC.
P.O. Box 660065
Dallas, TX 75266 19103

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/23/93 in Response to PR Notice 93-7
EPA Reg. No. 7501-140
GUSTAFSON APRON + CAPTAN - FUNGICIDE SEED PROTECTANT

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Compliance Division, (7203)
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401 M Street SW
Washington, DC 20460

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3-27-71

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS:

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AND

- **WITHIN** one year from date of this acceptance.

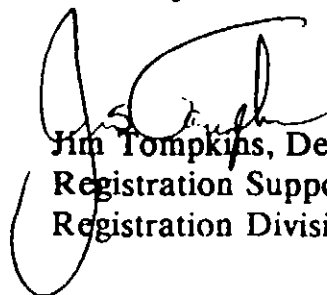
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Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
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Washington, D.C. 20460-0001

Hand or courier deliveries of final labeling may be made to:

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Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



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

Attachment

cc: Office of Compliance Monitoring

5047

ACCEPTED
with COMMENTS
In EPA Letter Dated

DEC 10 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
7501-140

Gustafson APRON® + Captan

Fungicide Seed Protectant

An on-farm soybean and sorghum seed treatment for protection against seed rots and certain diseases caused by *Pythium* and *Phytophthora spp.*

APRON + Captan is a powder for dry seed treatment.

ACTIVE INGREDIENT:

Metalaxyl: <i>N</i> -(2,6-dimethylphenyl)- <i>N</i> -(methoxyacetyl) alanine methyl ester	12.5%
*Captan	30.8%
Reated Derivatives	0.7%
INERT INGREDIENTS:	56.0%
TOTAL:	100.0%

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

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 milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Do not induce vomiting or give anything by mouth to an unconscious person.
If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.
See additional precautionary statements.

EPA Reg. No. 7501-140 EPA Est. _____
Net Contents: ___ Pounds

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER PELIGRO
Causes irreversible eye damage. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes or on clothing. Avoid breathing dust and contact with skin.
PERSONAL PROTECTIVE EQUIPMENT:
Applicators and other handlers (other than mixers and loaders) must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear. Mixers and Loaders must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, and 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 manufacturer'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.
ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish. 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. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.
STORAGE AND DISPOSAL
PESTICIDE STORAGE AND DISPOSAL: Store in a cool, dry place. Do not contaminate water, food or feed by storage or disposal, or cleaning of equipment. Open dumping is prohibited. Wastes resulting from the use of this product are acutely hazardous. Improper disposal of unused pesticide is a violation of Federal Law. Pesticide that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office.
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IMPORTANT: Read the entire **DIRECTIONS FOR USE** and the **LIMITED WARRANTY STATEMENT** before using this product.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

GENERAL INFORMATION

Gustafson Apron + Captan Fungicide Seed Protectant is a dry powder formulated specifically for seed treatment application at planting time in soybeans and sorghum. Unique formulation technology has been incorporated to help lubricate the planter; thus allowing a smooth even flow of seed to the furrow, while providing uniform seed coverage and adherence to the seed.

DISEASES CONTROLLED

The combination of Apron with Captan provides protectant activity against seed rot organisms and protectant and systemic activity against *Pythium* damping-off, as well as early season control of *Phytophthora* diseases and control or suppression of Systemic Downy Mildews.

Gustafson Apron + Captan should be applied at planting time, utilizing the Gustafson CF-80* treater to maximize seed coverage. (*Calibrate the Gustafson CF-80 treater as per the manufacturer's instructions.) Seed should be placed in the treater and then the chemical added as follows:

SEED TREATMENT

Cotton: For protection against *Pythium* seed rot and damping-off: Apply APRON + Captan as a seed treatment to machine delinted or acid delinted cottonseed at the rate of 3-4 ounces per 100 lbs. of seed.

Forage Grasses: Grasses grown for hay, grazing or silage, corn (fodder or silage) and small grain grown for hay or silage. For protection against *Pythium* damping-off. Apply APRON + Captan as a seed treatment at the rate of 3-4 ounces per 100 lbs. of seed.

damping-off and early season *Phytophthora*: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed. For suppression of early season downy mildew in alfalfa and soybeans: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.

Garden Beets: For protection against *Pythium* damping-off: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.

Grain crops: Wheat, barley, rye, oats, millet, rice, corn (field corn, sweet corn and popcorn), buckwheat and triticale. For protection against *Pythium* damping-off: Apply APRON + Captan as a seed treatment at the rate of 3-4 ounces per 100 lbs. of seed.

Turfgrasses (All): For protection against *Pythium* damping-off on golf courses, home lawns, reclamation and erosion control projects: Apply APRON + Captan as a seed treatment at the rate of 4-8 ounces per 100 lbs. of seed.

Seed and Pod Vegetables: Black-eyed peas, cowpeas, dill, edible soybeans, field beans, chick peas (garbanzo beans), field peas, garden peas, green beans, kidney beans, lima beans, navy beans, okra, peas, pole beans, snap beans, string beans, wax beans, lentils and lupines. For protection against *Pythium* damping-off and early season *Phytophthora*: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.

Sorghum: For protection against *Pythium* damping-off on all sorghum cultivars, use 4 ounces of APRON + Captan per 100 lbs. of seed applied as a seed treatment. For use in control of Systemic Downy Mildew, apply 4 ounces of APRON + Captan per 100 lbs. of seed on cultivars which possess sorghum downy mildew resistance. To those cultivars which do not possess resistance to a particular race of sorghum downy mildew in heavily infected areas with recent severe history, apply 8 ounces of APRON + Captan per 100 lbs. of seed as a seed treatment. Only high quality sorghum seed (90% germ and above) should be treated with APRON + Captan.

Sugar Beets: For protection against *Pythium* damping-off: Apply APRON + Captan as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.

Soybeans: For protection against *Pythium* damping-off and early season *Phytophthora*: Apply APRON + Captan as a seed treatment at the rate of 3-4 ounces per 100 lbs. of seed.

Sunflower: For use in control of Systemic Downy Mildew: Apply APRON + Captan as a seed treatment at the rate of 8 ounces per 100 lbs. of seed.

NOTE: Federal law requires that bags containing treated seeds shall be labeled with the following information: "This seed treatment with Metalaxyl and Captan. Do not use for food, feed or oil purposes." Use an EPA approved dye that imparts an unnatural color to the seed.

USE PRECAUTIONS

1. Seed must be thoroughly mixed with the seed, and planters adjusted to the manufacturer's directions (planting rates including air or vacuum may be effected by seed additives).
2. For planters with electric eye monitors, periodically clean them with brushes provided by the planter manufacturer, according to their directions.
3. Treated seed must not be used or mixed with food or animal feed, or processed for oil.
4. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting.
5. Do not carry excess treated seeds to next season.
6. Do not use this product on seed which has been commercially treated with Metalaxyl (APRON) Fungicide.

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**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.

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Apron® trademark of CIBA-GEIGY Corp. for metalaxyl.
U. S. Patent 4,151,299

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