



ACCEPTED

SEP 1 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 7501-154

Gustafson

ALLEGIANCE™-LS

Fungicide

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

ACTIVE INGREDIENT:

Metalaxyl: N-(2,6-dimethylphenyl)-
N-(methoxyacetyl)alanine methyl ester 17.7%
INERT INGREDIENTS: 82.3%

TOTAL 100.0%

Contains 1.55 pounds Metalaxyl per gallon.

EPA Reg. No. 7501-154

EPA Est. _____

Net contents: _____ Gallons

KEEP OUT OF REACH OF CHILDREN WARNING AVISO PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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.)

Causes substantial, but temporary eye injury. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves (such as butyl rubber, natural rubber or unsupported neoprene), shoes plus socks and protective eyewear. 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Engineering Controls:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove

PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Do not induce vomiting.

ENVIRONMENTAL HAZARDS

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 washwater or rinsate. Cover or incorporate spilled treated seeds.

Groundwater Advisory: This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

DIRECTIONS FOR USE

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

Do not 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.

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

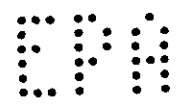
STORAGE AND DISPOSAL

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.

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.



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 assistance. 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 24 hours. Exception: if the seed is treated with the product and the treated seed 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, shoes and socks, chemical resistant gloves, such as butyl rubber, natural rubber or unsupported neoprene and protective eyewear.

ALLEGIANCE-LS 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. ALLEGIANCE-LS may be applied at planting time by thoroughly mixing with seed in the planter box or by application through on-farm seed treatment equipment. Fill the planter box half full with seed and then add half the volume of ALLEGIANCE-LS recommended on the label. Stir the treated seed with a paddle to uniformly cover each seed. Add the remainder of the seed to the box and then add the second half of the ALLEGIANCE-LS. Stir the seed again with a paddle until all seed is uniformly covered.

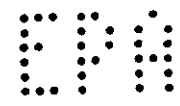
ALLEGIANCE-LS is a systemic fungicide seed dressing specifically for control of systemic downy mildew, *Pythium* and *Phytophthora* spp. For control of seedborne and other soilborne diseases, the combination of Gustafson Captan, Thiram and VITAVAX® registered formulations are compatible. Do not use with other seed treatment products unless previous experience assures compatibility.

Note: ALLEGIANCE-LS is a systemic fungicide having a specific mode of action. ALLEGIANCE-LS could be subject to development of resistant strains of fungi. Development of resistance cannot be predicted. Therefore, Gustafson LLC 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 ALLEGIANCE-LS resistant strains of fungi which may occur.

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

Cotton	For <i>Pythium</i> seed rot and damping-off: Apply ALLEGIANCE-LS as a seed treatment at the rate of 1.25-1.75 fl. oz. per 100 lbs. of seed.
Soybeans	For <i>Pythium</i> damping-off and early season <i>Phytophthora</i> control: Apply ALLEGIANCE-LS as a seed treatment at the rate of 1.25-2.5 fl. oz. per 100 lbs. of seed.

Sorghum	For control of <i>Pythium</i> and systemic downy mildew: Apply ALLEGIANCE-LS as a seed treatment at the rate of 0.66-1.25 fl. oz. per 100 lbs. of seed to hybrid with resistance to at least two pathotypes of downy mildew. The 2.5 fl. oz. rate is only recommended for areas with a recent severe history of a pathotype of downy mildew that is pathogenic to the hybrid being treated. Only high quality sorghum seed (90% germ and above) should be treated with ALLEGIANCE-LS.
Sunflowers	For control of systemic downy mildew: Apply ALLEGIANCE-LS as a seed treatment at the rate of 2.5-5.0 fl. oz. 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 ALLEGIANCE-LS at the rate of 14.8-17.7 fl. oz. (3.4oz. active) per 100 lbs. 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 ALLEGIANCE-LS as a seed treatment at the rate of 1.25 fl. oz. 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 ALLEGIANCE-LS as a seed treatment at the rate of 1.25-2.5 fl. oz. 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 ALLEGIANCE-LS as a seed treatment at the rate of 1.25 fl. oz. 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 ALLEGIANCE-LS at the rate of 1.25-2.5 fl. oz. per 100 lbs. 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 ALLEGIANCE-LS as a seed treatment at the rate of 1.25 fl. oz. per 100 lbs. of seed. For control of <i>Pythium</i> damping-off and systemic downy mildew of peas: Apply ALLEGIANCE-LS as a seed treatment at the rate of 2.5 fl. oz. per 100 lbs. of seed.
Cucumbers	For control of <i>Pythium</i> damping-off: Apply ALLEGIANCE-LS as a seed treatment at the rate of 1.25 fl. oz. per 100 lbs. of seed.
Turf Grasses	For <i>Pythium</i> damping-off control on golf courses, home lawns, reclamation and erosion control projects: Apply ALLEGIANCE-LS as a seed treatment at the rate of 2.5 fl. oz. 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 ALLEGIANCE-LS as a seed treatment at the rate of 1.25 fl. oz. per 100 lbs. of seed.



DIRECTIONS FOR USE AT REDUCED RATES IN COMBINATION WITH OTHER FUNGICIDES

Corn (field) Wheat, Oats, Barley, Rye	To aid in the control of seed decay and damping-off caused by <i>Pythium</i> : Apply ALLEGIANCE-LS as a commercial seed treatment at the rate 0.175-0.66 fl. oz. per 100 lbs. seed. Apply only in combination with EPA registered rates of Gustafson broad-spectrum seed treatment fungicides.
Soybeans, Field beans, Kidney beans, Navy beans, Pinto beans, Lentils	To aid in the control of seed decay and damping-off caused by <i>Pythium</i> : Apply ALLEGIANCE-LS as a commercial seed treatment at the rate 0.175-0.66 fl. oz. per 100 lbs. of seed. Apply in combination with EPA registered rates of broad-spectrum seed treatment fungicides.
Rice	To aid in control of seed decay and damping-off caused by <i>Pythium</i> : Apply ALLEGIANCE-LS as commercial seed treatment at the rate of 0.175 to 0.66 fl. oz. per 100 lbs. of seed. Apply only in combination with EPA registered rates of VITAVAX-200 Flowable or Gustafson 42-S Thiram or RTU-VITAVAX-Thiram Fungicides. Recommended use rates in combination with ALLEGIANCE-LS are: VITAVAX-200 FF: 3.0 to 4.0 fl. oz. per 100 lbs. of seed. Gustafson 42-S Thiram: 2.0 to 3.3 fl. oz. per 100 lbs. of seed. RTU-VITAVAX-Thiram: 5.0 to 6.8 fl. oz. per 100 lbs. of seed.

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

A quality product manufactured by:
Gustafson LLC
1400 Preston Road, Suite 400
Plano, TX 75093
Questions? (972) 985-8877

VITAVAX is a Reg. TM of Uniroyal Chemical Company, Inc.
ALLEGIANCE is a TM of Gustafson LLC

154(S)996080

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

**NOTICE-READ CAREFULLY
CONDITIONS OF SALE AND LIMITED WARRANTY
STATEMENT**

Treatment of highly mechanically damaged seed, or seed of 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 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.