



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 31, 2026

John Wright
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ACETO LIFE SCIENCES, L.L.C., D/B/A ACTYLIS

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - Adding approved turf uses and minor corrections.
Product Name: AG37862 CL 4SC Fungicide
Admin Number: 2749-652
EPA Receipt Date: 02/04/2026
Action Case Number: 00683736

Dear John Wright:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

The label submitted with the application has been stamped "Accepted Only Indicated Revisions Reviewed" and is enclosed for your records.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Thomas Harty via email at harty.thomas@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Thomas Harty". The signature is written in a cursive style with a large initial 'T'.

Thomas Harty, Risk Manager
FB, RD
Office of Pesticide Programs

PROTHIOCONAZOLE	GROUP	3	FUNGICIDE
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AG37862 CL 4SC Fungicide

For control of specified disease on listed crops.

ACTIVE INGREDIENT:

Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione 41.0%

OTHER INGREDIENTS: 59.0%

TOTAL: 100.0%

Contains 4 pounds Prothioconazole per gallon

EPA Reg. No. 2749-652

EPA Est.

NET CONTENTS:

KEEP OUT OF REACH OF CHILDREN

CAUTION

[See] [inside] [label] [booklet] [for] [additional] [Precautionary Statements][,] [and] [Directions for Use] [including] [Storage and Disposal] [instructions][.]

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> Immediately call a poison control center or doctor for treatment advice. Have a person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or physician or going for treatment. FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887 (24 Hours per Day, 7 Days per Week).	
NOTE TO PHYSICIAN: No specific antidote. Treat symptomatically.	

FOR CHEMICAL SPILL, LEAK, FIRE, EXPOSURE OR MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887 (24 Hours per Day, 7 Days per Week).

ONLY INDICATED REVISIONS REVIEWED.

Manufactured [for][by]
Aceto Life Sciences, L.L.C. d/b/a Actylis
 4 Tri Harbor Court
 Port Washington, NY 11050-4661

ACCEPTED
 ONLY INDICATED
 REVISIONS REVIEWED
 03/31/2026

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

2749-652

No label revisions other than those indicated were reported to the Agency.

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid contact with eyes and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils
- Shoes plus socks

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

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 [40 CFR 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to estuarine/marine invertebrates, and freshwater/estuaries/marine aquatic plants. **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.

Ground Water Advisory: Degradates of prothioconazole are known to leach through soil into groundwater under certain conditions as a result of label use. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of prothioconazole and degrades from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

PHYSICAL AND CHEMICAL HAZARDS

DO NOT mix or allow coming in contact with oxidizing and reducing agents. Hazardous chemical reactions may occur.

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.

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 and notification to workers (as applicable). 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 to enter during the restricted-entry interval (REI) of 12 hours. Some crops have longer crop-specific REIs. Crop-specific REIs are listed in the Directions for Use section associated with the crop.

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
- Chemical-resistant gloves made of barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, polyvinyl chloride (PVC) \geq 14 mils, or Viton \geq 14 mils
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (40 CFR Part 170) for agricultural pesticides. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

- Keep people and pets off treated areas until spray solution has dried.

PRODUCT INFORMATION

AG37862 CL 4SC Fungicide is a broad-spectrum systemic fungicide for the control of Ascomycetes, Basidiomycetes and Deuteromycetes diseases in a variety of crops including barley, buckwheat, bushberry subgroup 13-07B, low growing berry subgroup 13-07H (except strawberry), corn, cotton, cucurbit vegetables crop group 9, dry shelled pea and bean crop subgroup 6C, millet, oats, peanuts, rapeseed subgroup 20A (including canola and *Brassica carinata*), rice, rye, soybean, sugar beets, triticale, wheat; conifer and hardwood nursery seeds and seedlings and golf course turfgrass. Under conditions conducive to extended infection periods or high disease pressure, additional fungicide applications beyond the number allowed by this label may be needed. Under these conditions use another fungicide registered for the crop/disease. Equipment must be properly calibrated before use.

FUNGICIDE RESISTANCE MANAGEMENT (FRAC) RECOMMENDATIONS

For resistance management, AG37862 CL 4SC Fungicide contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to AG37862 CL 4SC Fungicide and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of AG37862 CL 4SC Fungicide or other Group 3 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact [Aceto Life Sciences, L.L.C. d/b/a Actylis] at 516-627-6000. You can also contact your pesticide distributor or university extension specialist to report resistance.

Spray Equipment/Volumes

AG37862 CL 4SC Fungicide may be applied by either ground, aerial and/or chemigation application equipment. Refer to the USE DIRECTIONS FOR SPECIFIC CROPS section of this label for approved applications for each crop.

Apply in a minimum of 10 gallons of spray solution per acre by ground sprayer. Apply in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment unless stated differently elsewhere in this label. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage.

RESTRICTIONS

DO NOT apply prothioconazole with mechanically pressurized handgun equipment to orchards or vineyards (Bushberry subgroup 13-07B, Low growing berry subgroup, except strawberry subgroup 13-07H), field crops Cucurbit Vegetables (Crop Group 9), Corn, sweet, Garbanzos (including chickpeas); Lentils) or nursery pine and conifer seedlings (Shortleaf loblolly, Slash, Longleaf and other pines, other conifers, other hardwoods).

Mixing Procedures

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Prepare no more spray mixture than is necessary for the immediate operation. Thoroughly clean spray equipment before using this product. Maintain maximum agitation throughout the spray operation. **DO NOT** let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to the previously treated area or dispose of the rinsate according to local regulations.

AG37862 CL 4SC Fungicide Alone: Add ½ of the required amount of water to the mix tank. With the agitator running, add the AG37862 CL 4SC Fungicide to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the product has completely and uniformly dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

AG37862 CL 4SC Fungicide + Tank-Mix Partners: Add ½ of the required amount of water to the mix tank. Start the agitator running before adding any of the tank-mix partners. Normally tank-mix partners should be added in this order: products packaged in water-soluble packaging, wettable powders, wettable granules (dry flowables), liquid flowables, liquids, and emulsifiable concentrates. Always allow each tank-mix partner to become fully and uniformly dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

When using AG37862 CL 4SC Fungicide in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tank-mix partner, including AG37862 CL 4SC Fungicide. Allow the water-soluble packaging to completely disperse before adding any other tank-mix partner to the tank.

If using AG37862 CL 4SC Fungicide in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations; which appear on the tank-mix product label. No label dosage rate must be exceeded, and the most restrictive label precautions and limitations must be followed. This product must not be mixed with any product that prohibits such mixing. Tank mixtures or other applications of products are permitted only in those states in which the products are registered.

AG37862 CL 4SC Fungicide is compatible with most insecticide, fungicide, herbicide, and foliar nutrient products. However, the physical compatibility of AG37862 CL 4SC Fungicide with tank-mix partners should be tested before use. To determine the physical compatibility of AG37862 CL 4SC Fungicide with other products, use a jar test, as described below.

Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water-dispersible granular products first, then liquids, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. For further information, contact your local Aceto Life Sciences L.L.C. d/b/a Actylis representative.

The crop safety of all potential tank mixes including additives and other pesticides on all crops has not been tested. Before applying any tank mixture not specifically listed on this label, the safety to the target crop should be confirmed. To test for crop safety, apply AG37862 CL 4SC Fungicide to the target crop in a small area and in accordance with label instructions for the target crop.

Soilborne/Seedling Disease Control

AG37862 CL 4SC Fungicide can provide control of certain soilborne/seedling diseases when applied as an in-furrow application at time of planting or as a banded application applied over the row at time of planting and up to row closure on certain crops. Refer to the USE DIRECTIONS FOR SPECIFIC CROPS section of the label to determine which crops contain instructions for in-furrow and/or banded applications and for the optimal timings, rates and band widths of these applications.

In-Furrow Application

- Apply AG37862 CL 4SC Fungicide as an in-furrow application in 2.5 to 20 gallons of water at planting.
- Mount the spray nozzle such that the spray is directed into the furrow just before the seeds are covered.

Banded Application

- Apply AG37862 CL 4SC Fungicide as a directed spray to the soil, using single or multiple nozzles which can be adjusted to provide uniform coverage of the lower stems and the soil surface surrounding the plants.

Rate per 1000 Row Feet	RATE OF AG37862 CL 4SC FUNGICIDE FOR IN-FURROW AND BANDED APPLICATIONS (fl oz. per acre)									
	fl oz. product	15" rows	20" rows	22" rows	30" rows	32" rows	34" rows	36" rows	38" rows	40" rows
0.075	2.61									
0.100	3.48	2.61								
0.125	4.36	3.27	2.97							
0.150	5.23	3.92	3.56	2.61						
0.175	6.10	4.57	4.16	3.05	2.86	2.69				
0.200	6.97	5.23	4.75	3.48	3.27	3.07	2.90	2.75	2.61	
0.225		5.88	5.35	3.92	3.68	3.46	3.27	3.10	2.94	
0.250		6.53	5.94	4.36	4.08	3.84	3.63	3.44	3.27	
0.275			6.53	4.79	4.49	4.23	3.99	3.78	3.59	
0.300				5.23	4.90	4.61	4.36	4.13	3.92	
0.325				5.66	5.31	5.00	4.72	4.47	4.25	
0.350				6.10	5.72	5.38	5.08	4.81	4.57	
0.375				6.53	6.13	5.77	5.45	5.16	4.90	
0.400				6.97	6.53	6.15	5.81	5.50	5.23	
0.425					6.94	6.53	6.17	5.85	5.55	
0.450						6.92	6.53	6.19	5.88	
0.475							6.90	6.53	6.21	
0.500								6.88	6.53	
0.525									6.86	
0.543									7.10	

Aerial Application: Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. **DO NOT** apply directly to humans or animals.

Chemigation Application: Apply AG37862 CL 4SC. Fungicide through irrigation equipment only to crops for which chemigation is specified on this label.

AG37862 CL 4SC Fungicide alone or in combination with other pesticides, which are registered for application through irrigation systems, may be applied through irrigation systems. Apply this product only through center pivot, solid set, drip, linear, or moving wheel irrigation systems. **DO NOT** apply this product through any other type of irrigation system. Illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. **DO NOT** connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Operating Instructions

1. The system must contain a functional check-valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed, and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. **DO NOT** apply when wind speed favors drift beyond the area intended.

Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems, which provide uniform water distribution. (2) **DO NOT** use end guns when chemigating AG37862 CL 4SC Fungicide through center pivot systems because of non-uniform application.

Determine the size of the area to be treated. Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as recommended by the equipment manufacturer. When applying AG37862 CL 4SC 002749-00652.20260203.AG37862 CL 4SC Proposed Label

Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity. Using water, determine the injection pump output when operated at normal line pressure. Determine the amount of AG37862 CL 4SC Fungicide required to treat the area covered by the irrigation system. Add the required amount of AG37862 CL 4SC Fungicide and sufficient water to meet the injection time requirements to the solution tank. Make sure the system is fully charged with water before starting injection of the AG37862 CL 4SC Fungicide solution. Time the injection to last at least as long as it takes to bring the system to full pressure. Maintain constant solution tank agitation during the injection period. Continue to operate the system until the AG37862 CL 4SC Fungicide solution has cleared the sprinkler head.

Solid Set and Moving Wheel Irrigation Equipment

When applying AG37862 CL 4SC Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Determine the amount of AG37862 CL 4SC Fungicide required to treat the area covered by the irrigation system. Add the required amount of AG37862 CL 4SC Fungicide into the same quantity of water used to calibrate the injection period. Operate the system at the same pressure and time interval established during the calibration. Stop injection equipment after treatment is completed. Continue to operate the system until the AG37862 CL 4SC Fungicide solution has cleared the last sprinkler head.

Using Water from Public Water Systems

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ), back flow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Adjuvants: AG37862 CL 4SC Fungicide is suggested to be used with an agricultural qualified non-ionic surfactant at the lowest listed labeled rate for most crops. Refer to the individual crop application instructions for those specific uses where a surfactant is not to be used.

INSTRUCTIONS TO AVOID SPRAY DRIFT

DO NOT make applications when conditions favor drift beyond the target application area. When drift may be a problem, take measures to reduce drift, including:

1. **DO NOT** spray if wind speeds are or become excessive. **DO NOT** spray if wind speed is 15 mph or greater. If non-target crops are located downwind, use caution when spraying if wind is present. **DO NOT** spray if winds are gusty.
2. Use caution when conditions are favorable for drift (high temperatures, drought, and low relative humidity).
3. **DO NOT** apply when temperature inversion exists. If inversion conditions are suspected, consult with local weather services before making an application.

SPRAY DRIFT MANAGEMENT

Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 4 feet above the ground or plant canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size-Ground Boom

- Volume—Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.

- Pressure—Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle—Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size-Aircraft

- Adjust Nozzles—Follow nozzle manufacturers’ recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT—Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT—Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

WIND

Drift potential generally increase with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Handheld Technology Applications:

- Take precautions to minimize spray drift.

ROTATIONAL RESTRICTIONS

Treated areas may be replanted with any crop specified on this label as soon as practical after last application. For crops not listed on this label, **DO NOT** plant back within 30 days of last application.

USE DIRECTIONS FOR SPECIFIC CROPS

AG37862 CL 4SC Fungicide provides control or suppression of many important diseases of barley, buckwheat, bushberry subgroup 13-07B, low growing berry subgroup 13-07H (except strawberry), corn, cotton, cucurbit vegetables crop group 9, dry shelled pea and bean crop subgroup 6C, rice, millet, oats, peanuts, rapeseed subgroup 20A (including canola and *Brassica carinata*), rye, soybean, sugar beets, triticale, wheat; conifer and hardwood nursery seeds and seedlings. When reference is made to disease suppression, suppression can mean either erratic control from good to fair or consistent control at a level below that obtained with the best commercial disease control products.

BARLEY

DISEASE CONTROLLED	RATE OF AG37862 CL 4SC Fungicide	APPLICATION INSTRUCTIONS
Fusarium Head Blight (<i>Fusarium</i> spp.) (Suppression Only)	5.0 - 5.7 fl. oz./A (0.156 - 0.178 lbs. ai/A)	AG37862 CL 4SC. Fungicide may be applied by either ground, aerial or chemigation application equipment.
Leaf and Stem Diseases Net Blotch (<i>Pyrenophora teres</i>) Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>Hordei</i>) Rusts (<i>Puccinia</i> spp.) Scald (<i>Rhynchosporium secalis</i>) Spot Blotch (<i>Cochliobolus sativus</i>)	2.8 - 4.3 fl. oz./A (0.088 - 0.134 lbs. ai/A)	For aerial applications made prior to heading (prior to Feekes Growth Stage 10.5), apply a minimum of 2 gpa spray solution. For aerial applications made at the heading growth stage or later, apply in a minimum of 5 gpa spray solution. Chemigation use is allowed only for applications made prior to heading. Fusarium Head Blight (Suppression Only): The optimal time to apply AG37862 CL 4SC Fungicide is as a preventative foliar spray when barley heads on the main stem are fully emerged (Feekes Growth Stages 10.5). Spray equipment must be set to provide good coverage to barley heads. For thorough coverage of barley head using ground application equipment, it is suggested

		<p>to use forward and backward mounted nozzles or nozzles that have a two-directional spray. Nozzles should be operated within the spray pressure directions suggested by the manufacturer.</p> <p>Leaf and Stem Diseases: Apply AG37862 CL 4SC Fungicide as a preventive foliar spray when the earliest disease symptoms appear on the leaves or stems. Barley fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.</p>
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RESTRICTIONS:

- **DO NOT** apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application.
- **DO NOT** apply more than 2 applications of AG37862 CL 4SC Fungicide per year.
- Repeat applications using a 14-day spray interval if conditions remain favorable for continued or increasing disease development.
- **DO NOT** apply more than 9.37 fl. oz./A (0.293 lbs. ai/A) of AG37862 CL 4SC Fungicide per year.
- **DO NOT** apply within 32 days of harvest.

BUSHBERRY Subgroup 13- 07B: Aronia berry; blueberry (highbush and lowbush); Chilean guava; highbush cranberry; currant (black, buffalo, and red); elderberry; European barberry; gooseberry; edible honeysuckle; huckleberry; jostaberry; juneberry (Saskatoon berry); lingonberry; native currant; salal; sea buckthorn; and cultivars, varieties, and/or hybrids of these.

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Septoria leaf spot (<i>Septoria spp.</i>) Monilinia blight (<i>Monilinia vaccinii-corymbosi</i>) Leaf rust (<i>Thekopsora minima</i>) Anthracnose (<i>Colletotrichum gloeosporioides</i>) Botrytis blight (<i>Botrytis cinerea</i>) Phomopsis canker and twig blight ^[1] (<i>Phomopsis vaccinii</i>) Alternaria fruit rot ^[1] (<i>Alternaria spp.</i>) White pine blister rust ^[1] (<i>Cronartium ribicola</i>)	5.7 fl. oz./A (0.178 lbs. ai/A)	AG37862 CL 4SC Fungicide may be applied by either ground or chemigation application equipment. Apply AG37862 CL 4SC Fungicide at the first sign of disease.

RESTRICTIONS:

- **DO NOT** apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application.
- **DO NOT** apply more than 2 applications of AG37862 CL 4SC Fungicide per year.
- **DO NOT** apply more than 11.4 fl. oz./A (0.356 lbs. ai/A) of AG37862 CL 4SC Fungicide per year.
- **DO NOT** apply within 7 days of harvest.
- Repeat applications as needed using a 7 to 10-day spray interval if conditions remain favorable for continued or increasing disease development.

[¹Not Registered for use in California.]

LOW GROWING BERRY Subgroup 13-07H, except strawberry^[1]: Bearberry; bilberry; cloudberry; cranberry; muntries; partridgeberry; and cultivars, varieties, and/or hybrids of these.

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Fruit rot: <i>Coleophoma empetri</i> <i>Glomerella cingulata</i> <i>Phyllosticta vaccinii</i> <i>Phyalospora vaccinii</i> <i>Allantophomopsis lycopodina</i> <i>Allantophomopsis cytisporae Fusicoccum putrefaciens Penicillium spp.</i>	5.0 fl. oz./A (0.156 lbs. ai/A)	AG37862 CL 4SC. Fungicide may be applied by either ground or chemigation application equipment. For best control of fruit rots begin applications at early bloom. Make a second application of AG37862 CL 4SC. Fungicide or another approved fungicide 7-10 days later.

<i>Phomopsis vaccinii</i> <i>Colletotrichum acutatum</i> <i>Botrytis</i> spp. <i>Monilinia</i> spp. Valdensinia leaf spot (<i>Valdensinia heterodoxa</i>)		
RESTRICTIONS: <ul style="list-style-type: none"> • DO NOT apply more than 5.0 fl. oz./A (0.156 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 2 applications of AG37862 CL 4SC Fungicide per year. • Repeat applications as needed using a 7 to 10-day spray interval if conditions remain favorable for continued or increasing disease development. • DO NOT apply more than 10.0 fl. oz./A (0.313 lbs. ai/A) of AG37862 CL 4SC Fungicide per year. • DO NOT apply within 45 days of harvest. <p>[¹Not Registered for use in California.]</p>		

BUCKWHEAT, MILLET (PEARL) MILLET (PROSO), OATS, RYE

DISEASE CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Rusts (<i>Puccinia</i> spp.) Glume Blotch (<i>Stagonospora nodorum</i>) Head Blight or Scab (<i>Fusarium graminearum</i>) – Suppression Powdery Mildew (<i>Erysiphe graminis</i>) Scald (<i>Rynchosporium secalis</i>) Speckled Blotch (<i>Septoria avenae</i> ; <i>Septoria tritici</i>) Spot Blotch (<i>Bipolaris sorokiniana</i>) Tan Spot or Yellow leaf Spot (<i>Pyrenophora tritici-repentis</i>)	5 - 5.7 fl. oz./A (0.156 to 0.178 lbs. ai/A)	Apply AG37862 CL 4SC Fungicide as a preventive foliar spray when the earliest disease symptoms appear on the leaves or stems. Fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development. Applications may be made by ground or aerial spray equipment.
RESTRICTIONS: <ul style="list-style-type: none"> • DO NOT apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 1 application of AG37862 CL 4SC Fungicide per year. • DO NOT apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per year. • DO NOT apply within 30 days of harvest. 		

CORN (field corn, field corn grown for seed and popcorn)

DISEASE CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Anthracnose Leaf Blight (<i>Colletotrichum graminicola</i>) Eye spot (<i>Aureobasidium zeae</i>) Gray leaf spot (<i>Cercospora zeae-maydis</i>) Northern Corn Leaf Blight (<i>Setosphaeria turcica</i>) ¹ Northern Corn Leaf Spot (<i>Cochliobolus carbonum</i>) ¹ Rust (<i>Puccinia</i> spp.) Southern Corn Leaf Blight (<i>Cochliobolus heterostrophus</i>) ¹	5.7 fl. oz./A (0.178 lbs. ai/A)	Apply AG37862 CL 4SC Fungicide at the first sign of disease. Repeat applications as needed on a 7 - to 14-day interval if favorable conditions for disease development persist. DO NOT use adjuvants in sprays made between V8 (8 leaf collar) and VT (lowest branch of the tassel is visible but the silks have not yet emerged).

For the suppression of: Fusarium ^[2] , Gibberella ^[2] and Aspergillus ^[2] ear rots (<i>Fusarium</i> spp., <i>Gibberella</i> spp. and <i>Aspergillus</i> spp.)	5.7 fl oz per acre (0.178 lbs. ai/A)	For optimum suppression of Fusarium, Gibberella and Aspergillus ear rots, apply AG37862 CL 4SC Fungicide from the R1 (initial silk emergence) to the R2 (brown silk) corn growth stages. AG37862 CL 4SC Fungicide will reduce both disease symptoms and levels of mycotoxin in the grain.
Soilborne/Seedling Diseases: Rhizoctonia root ^[2] and stalk rot ^[2] (<i>Rhizoctonia solani</i>)	2.6 - 4.0 fl oz per acre (0.081 - 0.125 lbs. ai/A)	In furrow application for soilborne/seedling disease control, see use directions and rate chart for various row spacing under the SOILBORNE/SEEDLING DISEASE CONTROL Section.
AG37862 CL 4SC Fungicide may be applied by either ground, aerial or chemigation application equipment. For aerial applications, apply AG37862 CL 4SC Fungicide using a minimum of 3 gpa spray solution. An adjuvant may be used to improve spray coverage. Refer to the adjuvant product label for specific use directions. PRECAUTIONS: <ul style="list-style-type: none"> • Application of AG37862 CL 4SC Fungicide is not advised at times when corn is under severe environmental stress conditions. RESTRICTIONS: <ul style="list-style-type: none"> • DO NOT apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 4 applications of AG37862 CL 4SC Fungicide per year. • Repeat applications as needed using a 7 to 10-day spray interval if conditions remain favorable for continued or increasing disease development. • DO NOT apply more than 22.8 fl. oz./A (0.713 lbs. ai/A) total from all uses, including soil and foliar applications, of AG37862 CL 4SC Fungicide per year. • DO NOT apply within 14 days of harvest for grain and fodder. Forage may be harvested the same day of application. ¹ The above diseases are also known as Helminthosporium leaf blights. ² Not registered for use in California.		

COTTON

DISEASES SUPPRESSED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
In furrow and banded Damping off (<i>Rhizoctonia solani</i>) Fusarium Wilt ^[1] (<i>Fusarium app.</i>)	5.7 - 7.1 fl. oz./A (0.178 - 0.222 lbs. ai/A) (0.4 - 0.5 fl oz per 1000 row feet)	For foliar applications: AG37862 CL 4SC Fungicide may be applied by ground, aerial, or chemigation application equipment. For in-furrow applications: Apply 5.7 to 7.1 fl oz per acre (0.393 to 0.489 fl oz per 1000 row feet if on 36 inch row spacing) in the furrow at planting. For banded applications: AG37862 CL 4SC Fungicide may also be applied in a 4- to 6- inch band over the row at or near emergence.
Foliar Target Spot (<i>Corynespora cassiicola</i>) Rust (<i>Puccinia app.</i>)	5.0 - 5.7 fl. oz./A (0.156 - 0.178 lbs. ai/A)	
RESTRICTIONS: <ul style="list-style-type: none"> • DO NOT apply more than 7.1 fl. oz./A (0.222 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • When used at 5.0 to 5.7 fl. oz./A(0.156 to 0.178 lbs. ai/A), DO NOT apply more than 3 applications of AG37862 CL 4SC Fungicide per year, including in furrow, banded and foliar applications. • When used at rates above 5.7 fl. oz./A(0.178 lbs. ai/A), DO NOT apply more than 2 applications of AG37862 CL 4SC Fungicide per year, including in-furrow, banded and foliar applications. • Repeat applications using a 14-day spray interval if conditions remain favorable for continued or increasing disease development. • DO NOT apply more than 17.1 fl. oz./A (0.534 lbs. ai/A) of AG37862 CL 4SC Fungicide per year, including all soil and foliar applications. • DO NOT apply within 30 days of harvest. ^[1] Not registered for use in California.		

CHICKPEA

DISEASE CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Ascochyta Blight (<i>Ascochyta</i> spp.)	5.0 - 5.7 fl. oz./A (0.156 - 0.178 lb. ai/A)	AG37862 CL 4SC Fungicide may be applied by either ground, aerial or chemigation application equipment. Apply AG37862 CL 4SC Fungicide at the first sign of disease. Use the higher use rate when conditions are favorable for severe disease pressure and/or when growing susceptible varieties.
To optimize disease control, tank-mix the lowest labeled rate of a spray surfactant with AG37862 CL 4SC Fungicide.		
RESTRICTIONS: <ul style="list-style-type: none"> • DO NOT apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 3 applications of AG37862 CL 4SC Fungicide per year. • Repeat applications as needed using a 10 to 14-day spray interval if conditions remain favorable for continued or increasing disease development. • DO NOT apply more than 17.1 fl. oz./A (0.534 lbs. ai/A) of AG37862 CL 4SC Fungicide per year, including all soil and foliar applications. • Allow a minimum of 7 days from the last application until cutting or swathing the crop for harvest. 		

CUCURBIT VEGETABLES Crop Group 9: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; edible gourd (includes hyotan, cucuzza, hechima, Chinese okra); *Momordica* spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon); pumpkin; squash (summer and winter, includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini, butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Fusarium wilt Fusarium blight (<i>Fusarium oxysporum</i>) (<i>Fusarium</i> spp.)	5.7 fl. oz./A (0.178 lbs. ai/A) (soil)	AG37862 CL 4SC Fungicide may be applied by either ground or chemigation application equipment (including drip irrigation). DO NOT use in water used for hand transplanting. Not for use in greenhouse/transplant house.
Gummy stem blight (<i>Didymella</i> spp.)	5.7 fl. oz./A (0.178 lbs. ai/A) (foliar)	
Southern blight ^[1] (<i>Sclerotium roflsii</i>)		Repeat applications as needed using a 5- to 10-day spray interval if conditions remain favorable for continued or increasing disease development.
Powdery mildew (<i>Sphaerotheca fuliginea</i> / <i>Podosphaera xanthii</i>) (<i>Erysiphe cichoracearum</i>)		
RESTRICTIONS: <ul style="list-style-type: none"> • DO NOT apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 1 soil application of AG37862 CL 4SC Fungicide per year. • DO NOT apply more than 2 foliar applications of AG37862 CL 4SC Fungicide per year. • Repeat applications as needed using a 5 to 10-day spray interval if conditions remain favorable for continued or increasing disease development. • DO NOT apply more than 17.1 fl. oz./A (0.534 lbs. ai/A) of AG37862 CL 4SC Fungicide per year, including all soil and foliar applications. • DO NOT apply within 7 days of harvest. 		
[¹ Not registered for use in California.]		

DRIED SHELLED PEAS AND BEANS Subgroup 6C (except soybeans): *Lupinus* spp. (Grain, Sweet, White and White Sweet lupins), *Phaseolus* spp. (Field, Kidney, Dry lima, Navy, Pinto and Tepary beans), *Vigna* spp. (Adzuki bean, Blackeyed pea, Catjang, Cowpea, Crowder pea, Moth bean, Mung bean, Rice bean, Southern pea and Urd bean), Dry broad bean Guar, Lablab bean, *Pisum* spp. [Pea (including Field pea) and Pigeon pea]

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Foliar	5.7 fl. oz./A (0.178 lbs. ai/A)	AG37862 CL 4SC Fungicide may be applied by either ground, aerial or chemigation application equipment. For ground applications, apply in a minimum of 20 gpa. In-furrow use: Apply up to 5.0 fl oz per acre (0.288 fl oz per 1000 row feet if on 30 inch row spacing; 0.192 fl oz per 1000 row feet if on a 20 inch row spacing) in the furrow at planting. See use directions and rate chart for various row spacing under the SOILBORNE/SEEDLING DISEASE CONTROL section. For rust control, apply AG37862 CL 4SC Fungicide at the first sign of disease. For white mold control, apply AG37862 CL 4SC Fungicide at 25% flower.
Ascochyta Blight (<i>Ascochyta pinodes</i>) Rust (<i>Uromyces appendiculatus</i>) White Mold (<i>Sclerotinia sclerotiorum</i>)		
In Furrow	2.6 - 5.0 fl. oz./A (0.081 - 0.156 lbs. ai/A)	
Rhizoctonia rots ^[1] (<i>Rhizoctonia</i> spp.)		
To optimize disease control, tank-mix the lowest labeled rate of a spray surfactant with AG37862 CL 4SC Fungicide		
RESTRICTIONS:		
<ul style="list-style-type: none"> • DO NOT apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 3 applications of AG37862 CL 4SC Fungicide per year. • Repeat applications as needed using a 5 to 14-day spray interval if conditions remain favorable for continued or increasing disease development. • DO NOT apply more than 17.1 fl oz/A (0.534 lbs. ai/A) of AG37862 CL 4SC Fungicide per year, including all soil and foliar applications. • Allow a minimum of 7 days from the last application until cutting or swathing the crop for harvest. 		
[¹ Not registered for use in California.]		

LENTILS

DISEASES CONTROLLED	RAT EOF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Ascochyta Blight (<i>Ascochyta</i> spp.)	4.3 - 5.7 fl. oz./A (0.134 - 0.178 lbs. ai/A)	AG37862 CL 4SC Fungicide may be applied by either ground, aerial or chemigation application equipment. Apply AG37862 CL 4SC Fungicide at early flower or at the first sign of disease. Use the higher use rate when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties.
To optimize disease control, tank-mix the lowest labeled rate of a spray surfactant with AG37862 CL 4SC Fungicide		
RESTRICTIONS:		
<ul style="list-style-type: none"> • DO NOT apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 3 applications of AG37862 CL 4SC Fungicide per year. • Repeat applications as needed using a 10 to 14-day spray interval if conditions remain favorable for continued or increasing disease development. • DO NOT apply more than 17.1 fl oz/A (0.534 lbs. ai/A) of AG37862 CL 4SC Fungicide per year. • Allow a minimum of 7 days from the last application until cutting or swathing the crop for harvest. 		

PEANUT^[1]

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
<p>In-furrow and banded</p> <p>Sclerotium Rot</p> <p>White Mold</p> <p>Southern Blight</p> <p>Southern Stem rot (<i>Sclerotium rolfsii</i>)</p> <p>Rhizoctonia Limb Rot (<i>Rhizoctonia solani</i>)</p> <p>Early Leaf Spot (<i>Cercospora arachidicola</i>)</p> <p>Late Leaf Spot (<i>Cercosporidium personatum</i>)</p> <p>Cylindrocladium Black Rot (CBR) (<i>Cylindrocladium crotalariae</i>) (Suppression with In furrow only)</p>	<p>0.4 fl oz per 1000 row feet (5.7 fl. oz./A) (0.178 lbs. ai/A)</p>	<p>AG37862 CL 4SC Fungicide may be applied by ground, chemigation, or aerial application equipment.</p> <p>In-furrow and Banded Spray Program: Apply 5.7 fl oz per acre (0.4 fl oz per 1000 row feet if on 36 inch row spacing) in the furrow at planting. AG37862 CL 4SC Fungicide may also be applied in a 4- to 6- inch band over the row at or near emergence. Aceto Life Sciences L.L.C. d/b/a Actylis. suggests a minimum application volume of 20 gpa.</p> <p>Foliar Disease Spray Program: Apply the specified rate in a preventive spray schedule. Apply up to four (4) sprays using a 14-day interval. Use the higher use rate when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties.</p> <p>Soil-Borne Disease Spray Program: For optimum control of the specified soil-borne diseases, four consecutive applications of AG37862 CL 4SC Fungicide must be made at 14-day intervals. In a typical 7 spray application program beginning 30-40 days after planting or as advised by the local Extension Service, AG37862 CL 4SC Fungicide should be applied for sprays 3, 4, 5 and 6. Applications of fungicides with a different mode of action should be made prior to and following applications of AG37862 CL 4SC Fungicide to discourage development of resistant strains of fungi. Use AG37862 CL 4SC Fungicide in conjunction with cultural practices that are known to reduce the severity of soil-borne diseases, such as proper crop rotation practices.</p>
<p>Soil-Borne</p> <p>Sclerotium Rot (<i>Sclerotium rolfsii</i>) (White Mold, Southern Blight, Southern Stem Rot)</p> <p>Rhizoctonia Limb Rot, Peg Rot, Pod Rot (<i>Rhizoctonia solani</i>)</p> <p>Cylindrocladium Black Rot (<i>Cylindrocladium crotalariae</i>) (Suppression Only)</p>	<p>5.7 fl. oz./A (0.178 lbs. ai/A)</p>	<p>For control of soil-borne diseases when using a Leaf Spot Advisory Program schedule, apply AG37862 CL 4SC Fungicide in the first advisory spray in July and continue AG37862 CL 4SC Fungicide applications at 14- day intervals.</p> <p>AG37862 CL 4SC Fungicide must be carried by rainfall or irrigation into the root and pod zone for control of root and pod rots caused by <i>Sclerotium rolfsii</i> and <i>Rhizoctonia solani</i>. Drought conditions will decrease the effectiveness of AG37862 CL 4SC Fungicide against the root and pod rots.</p>
<p>Foliar</p> <p>Early Leaf Spot (<i>Cercospora arachidicola</i>)</p> <p>Late Leaf Spot (<i>Cercosporidium personatum</i>)</p> <p>Leaf Rust (<i>Puccinia arachidis</i>)</p> <p>Web Blotch (<i>Phoma arachidicola</i>)</p> <p>Leaf Scorch and Pepper Spot (<i>Leptosphaerulina crassiasca</i>)</p>	<p>5.0 - 5.7 fl. oz./A (0.156 - 0.178 lbs. ai/A)</p>	<p>For control of soil-borne diseases when using a Leaf Spot Advisory Program schedule, apply AG37862 CL 4SC Fungicide in the first advisory spray in July and continue AG37862 CL 4SC Fungicide applications at 14- day intervals.</p> <p>AG37862 CL 4SC Fungicide must be carried by rainfall or irrigation into the root and pod zone for control of root and pod rots caused by <i>Sclerotium rolfsii</i> and <i>Rhizoctonia solani</i>. Drought conditions will decrease the effectiveness of AG37862 CL 4SC Fungicide against the root and pod rots.</p>
<p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 4 applications of AG37862 CL 4SC Fungicide per year, including the in-furrow and banded applications. • Repeat applications as needed using a 14-day spray interval if conditions remain favorable for continued or increasing disease development. When planting varieties with good to excellent levels of resistance to foliar diseases, the application interval may be extended up to 21 days in the absence of soil borne diseases. • DO NOT apply more than 22.8 fl. oz./A (0.713 lbs. ai/A) of AG37862 CL 4SC Fungicide per year, including all soil and foliar applications. • DO NOT feed hay or threshings or allow livestock to graze in treated areas. 		

- AG37862 CL 4SC Fungicide may be applied up to 14 days before harvest.

[¹Not registered for use in California.]

RAPSEED Subgroup 20A (including canola and *Brassica carinata*^[1]): Borage, *Brassica carinata*, crambe, cuphea, echium, flax, gold of pleasure, hare's ear mustard, lesquerella, lunaria, meadowfoam, milkweed, mustard seed, oil radish, poppy seed, rapeseed, sesame, sweet rocket, cultivars, varieties, and/or hybrids of these

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Sclerotinia Stem Rot White Mold (<i>Sclerotinia sclerotiorum</i>)	4.3 - 5.7 fl. oz./A (0.134 - 0.178 lbs. ai/A)	AG37862 CL 4SC Fungicide may be applied by either ground, aerial or chemigation application equipment. Apply AG37862 CL 4SC Fungicide when crop is 20 – 50% bloom stage. Best protection will be achieved when the fungicide is applied prior to petals beginning to fall, and will allow for the maximum number of petals to be protected. Utilize the higher rate for fields with a history of heavy disease pressure or for dense crop stands. Good spray coverage of the plants is essential. The lowest labelled rate of a non-ionic surfactant may be tank-mixed with AG37862 CL 4SC Fungicide.

RESTRICTIONS:

- **DO NOT** apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application.
- **DO NOT** apply more than 2 applications of AG37862 CL 4SC Fungicide per year.
- A second application may be made after 14 days if conditions remain favorable for continued or increasing disease development.
- AG37862 CL 4SC Fungicide may be applied until the 50% bloom stage.
- **DO NOT** apply more than 11.4 fl. oz./A (0.356 lbs. ai/A) of AG37862 CL 4SC Fungicide per year.
- **DO NOT** apply within 36 days of harvest.

[¹Not registered for use in California.]

RICE^[1]

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Sheath/Stem Diseases Sheath Blight (<i>Rhizoctonia solani</i>) Foliar Diseases Brown Spot (<i>Cochliobolus miyabeanus</i>) Narrow Brown Leafspot (<i>Cercospora oryzae</i>) Leaf Smut (<i>Entyloma oryzae</i>) False smut (<i>Ustilaginoidea virens</i>)	4.5 fl. oz./A (0.141 lbs. ai/A)	Application may be made by ground or aerial spray equipment. Apply AG37862 CL 4SC Fungicide at initial sign of disease. Exact timing for rice disease control is dependent on rice growth stage, rice variety, the type of disease to be controlled and disease severity. Applications typically will occur from panicle differentiation to late boot. Consult with your local extension personnel or Aceto Life Sciences L.L.C. d/b/a Actylis representative to determine if treatment is needed.

RESTRICTIONS:

- **DO NOT** apply more than 4.5 fl. oz./A (0.141 lbs. ai/A) of AG37862 CL 4SC Fungicide per application.
- **DO NOT** apply more than 1 application of AG37862 CL 4SC Fungicide per year.
- **DO NOT** apply more than 4.5 fl oz/A (0.141 lbs. ai/A) of AG37862 CL 4SC Fungicide per year.
- **DO NOT** apply AG37862 CL 4SC Fungicide later than 70% panicle emergence from the boot.
- **DO NOT** apply within 40 days of harvest.

[¹Not registered for use in California.]

SOYBEAN

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Asian Soybean Rust (<i>Phakopsora pachyrhizi</i>) Frog Eye Leaf Spot (<i>Cercospora sojina</i>) Powdery Mildew (<i>Microsphaera diffusa</i>) Brown Spot ^[1] (<i>Septoria glycines</i>)	2.5 - 3.0 fl. oz./A (0.078 - 0.094 lbs. lbs. ai/A)	AG37862 CL 4SC Fungicide may be applied by either ground, aerial or chemigation application equipment. For aerial application, apply in a minimum spray volume of 2 gpa. Apply AG37862 CL 4SC Fungicide as a broadcast, preventative foliar spray or at first visible symptoms of the disease. Repeat applications on a 10- to 21-day spray interval if environmental conditions are favorable for continued disease development. Use of the higher rate and shorter spray intervals are suggested when disease pressure is severe.
Alternaria Leaf Spot ^[1] (<i>Alternaria</i> spp.) Anthracnose ^[1] (<i>Colletotrichum truncatum</i>) Asian Soybean Rust ^[1] (<i>Phakopsora pachyrhizi</i>) Brown Spot ^[1] (<i>Septoria glycines</i>) Cercospora Blight ^[1] (<i>Cercospora kikuchii</i>)	3.0 - 5.0 fl. oz./A (0.094 to 0.156 lbs. ai/A)	
Frogeye Leaf Spot ^[1] (<i>Cercospora sojina</i>) Pod & Stem Blight ^[1] (<i>Diaporthe phaseolorum</i>) Powdery Mildew ^[1] (<i>Microsphaera diffusa</i>) Rhizoctonia Aerial Blight ^[1] (<i>Rhizoctonia solani</i>) Sclerotinia Stem Rot also known as White Mold (<i>Sclerotinia sclerotiorum</i>) (Suppression Only)		
In Furrow	2.6 - 5.0 fl. oz./A (0.081 - 0.156 lbs. ai/A)	<p>In-furrow use: Apply up to 5.0 fl oz per acre (0.288 fl oz per 1000 row feet if on 30 inch row spacing; 0.192 fl oz per 1000 row feet if on a 20 inch row spacing) in the furrow at planting. See use directions and rate chart for various row spacing under the SOILBORNE/SEEDLING DISEASE CONTROL section.</p> <p>Sclerotinia Stem Rot (Suppression Only): Apply AG37862 CL 4SC Fungicide as a broadcast foliar spray at R1 (beginning bloom) when conditions are favorable for disease development. A sequential treatment of AG37862 CL 4SC Fungicide or Stratego YLD Fungicide, EPA Reg. No. 264-1093 may be made at R3 - R4 (beginning to full pod). AG37862 CL 4SC Fungicide may be applied by ground or air. Apply in a minimum of 10 gallons of spray solution per acre by ground sprayer or in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment.</p>
Rhizoctonia rots ^[1] (<i>Rhizoctonia</i> spp.)		
<p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT apply more than 5.0 fl. oz./A (0.156 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 3 applications of AG37862 CL 4SC Fungicide per year, including all soil and foliar applications. • Repeat applications on a 10 to 21-day spray interval if environmental conditions are favorable for continued disease development. • DO NOT apply more than 12.9 fl. oz./A (0.403 lbs. ai/A) of AG37862 CL 4SC Fungicide per year, including all soil and foliar applications. • DO NOT apply within 21 days of harvest. <p>^[1]Not registered for use in California.]</p>		

SUGAR BEETS

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
<p>Foliar Diseases</p> <p>Cerospora Leaf Spot (<i>Cerospora beticola</i>)</p> <p>Powdery Mildew (<i>Erysiphe polygoni</i>)</p>	5.0 - 5.7 fl. oz./A (0.156 - 0.178 lbs. ai/A)	<p>AG37862 CL 4SC Fungicide may be applied by either ground, aerial or chemigation application equipment.</p> <p>Foliar disease control: Apply AG37862 CL 4SC Fungicide at the first sign of disease. Use the higher use rate and shorter intervals when conditions are favorable for severe disease</p>

<p>In furrow and banded</p> <p>Rhizoctonia Stem Canker, Root Rot, Crown Rot (<i>Rhizoctonia solani</i>)</p>	<p>5.7 fl. oz./A (0.178 lbs. ai/A)</p>	<p>pressure and/or when growing less disease resistant varieties.</p> <p>Soil-borne disease control: Apply AG37862 CL 4SC Fungicide in a seven-inch band at the 4-leaf to row closure growth stage.</p> <p>For in-furrow use: apply up to 5.7 fl oz per acre (0.4 fl oz per 1000 row feet if on 36 inch row spacing) in the furrow at planting. See use directions and rate chart for various row spacing under the SOILBORNE/SEEDLING DISEASE CONTROL section.</p>
<p>AG37862 CL 4SC FUNGICIDE is a Group 3 fungicide. To limit the potential for development of disease resistance:</p> <ul style="list-style-type: none"> • Alternate every application of AG37862 CL SC Fungicide with a non-Group 3 fungicide. <p>To optimize disease control, the lowest labeled rate of a spray surfactant may be tank-mixed with AG37862 CL 4SC.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application. • DO NOT apply more than 3 applications of AG37862 CL 4SC Fungicide per year, including all soil and foliar applications. • Repeat applications as needed using a 14 to 21-day spray interval depending on disease pressure. Use a 14-day spray interval under normal to heavy disease pressure and a 21-day spray interval under light disease pressure. • DO NOT apply more than 17.1 fl. oz./A (0.534 lbs. ai/A) of AG37862 CL 4SC Fungicide per year, including all soil and foliar applications. • Allow a minimum of 7 days from the last application before harvesting. 		

WHEAT (Spring, durum and Winter), **TRITICALE**

DISEASES CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
<p>Fusarium Head Blight (<i>Fusarium</i> spp.) (Suppression Only)</p>	<p>5.0 - 5.7 fl. oz./A (0.156 - 0.178 lbs. ai/A)</p>	<p>AG37862 CL 4SC Fungicide may be applied by either ground, aerial or chemigation application equipment.</p> <p>For aerial application made prior to early flower (prior to Feekes Growth Stage 10.51, apply a minimum of 2 gpa spray solution. For aerial applications made at the early flower growth stage or later, apply in a minimum of 5 gpa spray solution. Chemigation use is allowed only for applications made prior to early flower.</p> <p>Fusarium Head Blight (Suppression Only): The optimal time to apply AG37862 CL 4SC Fungicide is as a preventative foliar spray at early flower (Feekes Growth Stage 10.51). Spray equipment must be set to provide good coverage to wheat heads. For thorough coverage of the wheat head using ground application equipment, use forward and backward mounted nozzles or nozzles that have a two-directional spray. Operate nozzles within the spray pressure directions suggested by the manufacturer.</p>
<p>Leaf and Stem Diseases</p> <p>Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>tritici</i>) Rusts (<i>Puccinia</i> spp.) Septoria Leaf and Glume Blotch (<i>Septoria tritici</i>) Stagonospora Blotch (<i>Stagonospora nodorum</i>) Tan Spot (<i>Pyrenophora tritici-repentis</i>)</p>	<p>4.3 - 5.0 fl. oz./A (0.134 - 0.156 lbs. ai/A)</p>	<p>Leaf and Stem Diseases: Apply AG37862 CL 4SC Fungicide as a preventive foliar spray when the earliest disease symptoms appear on the leaves or stems. Wheat fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.</p>
<p>For optimum disease control, tank-mix the lowest labeled rate of a spray surfactant with AG37862 CL 4SC Fungicide.</p>		

RESTRICTIONS:

- **DO NOT** apply more than 5.7 fl. oz./A (0.178 lbs. ai/A) of AG37862 CL 4SC Fungicide per application.
- **DO NOT** apply more than 2 applications of AG37862 CL 4SC Fungicide per year.
- Repeat applications using a 14-day spray interval if conditions remain favorable for continued or increasing disease development.
- **DO NOT** apply more than 9.37 fl. oz./A (0.293 lbs. ai/A) of AG37862 CL 4SC Fungicide per year.
- **DO NOT** apply within 30 days of harvest.

NURSERY SEEDLINGS: Shortleaf, Loblolly, Slash, Longleaf and other pines and other Conifers and Hardwoods

Disease Controlled	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Nursery Seedlings: Fusiform rust <i>(Cronartium quercum f.sp. fusiforme)</i> Pitch canker (<i>Fusarium spp.</i>) Rhizoctonia foliar blight <i>(Rhizoctonia spp.)</i>	5.0 fl. oz./A (0.156 lbs. ai/A)	Tree Seedling Application: Foliar disease control: Apply AG37862 CL 4SC Fungicide preventatively or at the first sign of disease using ground equipment only. Repeat applications as needed using a 14- to 21-day spray interval depending on your region. Consult your local extension agent on locally advised spray intervals. Use shorter intervals when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties. To optimize disease control, the lowest labeled rate of a spray surfactant may be tank-mixed with AG37862 CL 4SC Fungicide. A maximum of 25 fl oz (0.781 lbs. prothioconazole) of AG37862 CL 4SC Fungicide may be applied per acre per crop year.

The crop safety and mix compatibility on all tree species and in tank-mixes with other products (spray surfactants, fertilizers, insecticides, etc.) has not been confirmed. Aceto Life Sciences L.L.C. d/b/a Actylis suggests small scale testing with your planned use pattern.

RESTRICTIONS:

- **DO NOT** apply more than 5.0 fl. oz./A (0.156 lbs. ai/A) of AG37862 CL 4SC Fungicide per application.
- **DO NOT** use in forest planting or established woodlands.
- **DO NOT** apply more than 5 applications of AG37862 CL 4SC Fungicide per year.
- Repeat applications on a 14 to 21-day spray interval if environmental conditions are favorable for continued disease development.
- For foliar tree seedling control, **DO NOT** apply more than 25 fl. oz./A (0.781 lbs. ai/A) of AG37862 CL 4SC Fungicide per year.

NURSERY SEEDS: Shortleaf, Loblolly, Slash, Longleaf and other pines and other Conifers and Hardwoods

Disease Controlled	RATE OF AG37862 CL 4SC FUNGICIDE	APPLICATION INSTRUCTIONS
Nursery Seeds: Fusiform rust <i>(Cronartium quercum f.sp. fusiforme)</i> Pitch canker (<i>Fusarium spp.</i>)	10.0 fl. oz. per 50 lbs. seed (0.3125 lbs. ai)	Tree Seed Treatment: Apply specified dosage to seed in a commercial treater or other suitable tumbler apparatus. Allow to mix for at least 10 minutes. Thoroughly air dry before sowing..

The crop safety and mix compatibility on all tree species and in tank-mixes with other products (spray surfactants, fertilizers, insecticides, etc.) has not been confirmed. Aceto Life Sciences L.L.C. d/b/a Actylis suggests small scale testing with your planned use pattern.

RESTRICTIONS:

- **DO NOT** apply more than 10.0 fl. oz./A (0.3125 lbs. ai) of AG37862 CL 4SC Fungicide per 50 lbs. seed.
- **DO NOT** use in forest planting or established woodlands.
- **DO NOT** use treated seed for food or feed purposes.
- Seed that has been treated with this product that is then packaged or bagged for future use must contain the following labeling on the outside of the seed package or bag: "This seed has been treated with prothioconazole. Treated Seed - **DO NOT** Use for Food, Feed, or Oil Purposes. When opening this bag or loading/pouring the treated seed, wear a long sleeved shirt, long pants, shoes, socks, and chemical resistant gloves. After the seeds have been planted, **DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the treated seeds in the soil or planting media".

USE DIRECTION FOR TURF

AG37862 CL 4SC Fungicide controls a range of turf diseases. Refer to the table below for disease, rate structure, and specific use information. Apply AG37862 CL 4SC Fungicide prior to turf disease development or in the early stages of turf disease development. See 'Spray Equipment/Volumes' for further information on equipment, nozzles, spray volumes and mixing instructions.

AG37862 CL 4SC Fungicide is intended for use by professional applicators.

TURFGRASS TOLERANCE

Due to the variability within turfgrass species and cultivars, along with possible tank-mix combinations, including additives and other pesticides, neither the seller nor the manufacturer has determined whether or not all turfgrasses or combinations are tolerant to AG37862 CL 4SC Fungicide under all conditions.

Before applying any mixture not specifically listed on this label, it is advised to confirm biological compatibility testing with the combination. To confirm biological compatibility, mix the products in accordance to labeled rates and spray a small area of target turf under similar conditions to target area and monitor for any phytotoxic response or other adverse effect before applying AG37862 CL 4SC Fungicide to targeted area.

Disease	Application Rate (fl. oz. Product/A) ¹	Retreatment Interval (days) ²	Use Information
Anthracnose (<i>Collectotrichum graminicola</i>) [*]	5.7-8.5	14-21	
Brown Patch [Rhizoctonia Blight] (<i>Rhizoctonia solani</i>) [*]	4.3-8.5	14-21	[Late curative applications may be less effective.] [For best results, apply preventatively before conditions favorable for infection occur.]
Brown Ring (Waitea) Patch (<i>Waitea circinata</i> var. <i>circinata</i>) [*]	[4.3-8.5] [5.7-8.5]	14-21	[Late curative applications may be less effective.] [For best results, apply preventatively before conditions favorable for infection occur.]
Dollar Spot (<i>Sclerotinia homoeocarpa</i> syn. <i>Clariireedia homoeocarpa</i>) [*]	4.3-8.5	14-21	
Fairy Wing (caused by Basidiomycete fungi) [*]	[5.7-8.5] [8.5]	[14-21] [28]	[For preventative treatments, apply lower rate range in the spring prior to appearance of fairy ring symptoms. For curative treatments, use the high rate.] Before the spray dries, adequately water-in to move the fungicide into the thatch/soil where the fungus is active.
Gray Leaf Spot (<i>Pyricularia grisea</i>) [*]	[4.3-8.5] [5.7-8.5]	14-21	
Gray Snow Mold [Typhula Blight] [(<i>Typhula incarnata</i>)] [(<i>Typhula incarnata</i> , <i>T. ishikariensis</i>)] [*] Pink Snow Mold (<i>Microdochium nivale</i>) [*]	[4.3-8.5] [5.7-8.5] [8.5]	[14-21] [28]	Make 1-2 preventative applications before conditions favorable for infection occur. DO NOT apply over snow cover.
Large Patch [Zoysia Patch] (<i>Rhizoctonia solani</i>) [*]	[4.3-8.5] [5.7-8.5]	[14-21] [28]	Lightly water-in applications to move fungicide into crown area and root zone.
Microdochium Patch (<i>Microdochium nivale</i>) [*]	[5.7-8.5] [8.5]	[14-21] [21]	Begin preventative applications when conditions are conducive to disease development and without lasting snowfall.
Mini Ring (<i>Rhizoctonia zeae</i>) [*]	5.7-8.5	[14] [14-21]	Apply preventatively before conditions favorable for infection occur.
Spring Dead Spot (<i>Ophiosphaerella korrae</i> , <i>O. herpotricha</i> , <i>Leptosphaeiiia korrae</i> , <i>L. namari</i>) [*]	[4.3-8.5] [5.7-8.5]	[14-21] [28]	Lightly water-in applications to move fungicide into crown area and root zone.
Summer Patch (<i>Magnaporthe poae</i>) [*]	4.3-8.5	[14-21] [28]	Use adequate spray-volume or water-in applications to crowns and upper roots for maximum effectiveness. If there is prior disease history, use the higher rate and shorter interval.
Take-All Patch (<i>Gaeumannomyces graminis</i> var. <i>avenae</i>) [*]	[4.3-8.5] [5.7-8.5]	[14-21] [28]	Treat preventatively for the disease. Water-in applications into the upper root zone.
Take-all Root Rot [Bermudagrass Decline, Warm Season Turfgrass Decline] (<i>Gaeumannomyces graminis</i> var. <i>graminis</i>) [*]	[4.3-8.5] [5.7-8.5]	[14-21] [28]	Apply fungicide in adequate water volume or water-in applications to upper root zone. [Apply fungicide prior to periods of stress, including hot, humid conditions or extended wet weather.]

¹4.3, 5.7, and 8.5 fl. oz. product/A equate to 0.098, 0.131, and 0.196 fl oz product/1,000 ft² or 0.134, 0.178, and 0.267 lbs. ai/A, respectively.

²Use the shorter specified application interval and/or the higher specified rate when prolonged favorable turf disease conditions exist.

*Not Registered for Use by California

PRECAUTIONS

- After application, allow foliage to dry prior to mowing.
- Use of skirted spray booms will further reduce spray drift.
-

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. AG37862 CL 4SC Fungicide/A per application (0.196 fl. oz. product/1000 ft²), equivalent to 0.267 lb. ai/A.
- **DO NOT** apply more than 25.6 fl oz AG37862 CL 4SC Fungicide /A per year (0.588 fl oz product/1000ft²), equivalent to 0.801 lbs. ai/A/year.
- **DO NOT** exceed 3 applications per year using the maximum single application rate.
- For use only on golf course turfgrass (greens, tees, fairways and roughs).
- Not for residential use. **DO NOT** use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park, athletic fields, schools, campgrounds, churches, and theme parks.
- **DO NOT** use clippings for animal feed.
- **DO NOT** apply by aerial application.
- **DO NOT** apply through any type of irrigation equipment (chemigation).
- For ground application equipment only. **DO NOT** use with handheld application equipment, including mechanically pressurized spray gun, backpack or tank pressurized spray gun, spray hawk or handheld boom applicators.
- [Not for sale, distribution, or use in Nassau and Suffolk counties, New York [except as permitted under FIFRA 24(c), Special Local Need registration.]]

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. **DO NOT** walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer for recycling, if available. If not recycled, then puncture and dispose of in a sanitary landfill, or by incineration.

Batch No: _____

WARRANTY DISCLAIMER AND NOTICE IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranty and Limitations Liability before using this product. If the terms are not acceptable, return the unopen product at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Aceto Life Sciences L.L.C. d/b/a Actylis MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Aceto Life Sciences, L.L.C. d/b/a Actylis is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Aceto Life Sciences, L.L.C. d/b/a Actylis DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT ACETO LIFE SCIENCES, L.L.C. D/B/A ACTYLIS'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Option marketing and non-FIFRA label statements]

[All trademarks are the property of their respective owners.]

[Active ingredient made [in] [Country] , [formulated] [in Country] [and] [package] [in Country].]

[Shake Well Before Using]

[*Not **Registered** for Use [in][by] [State]]

[Peel Down for Directions]

[Sub label Seed Treatment Uses Only]

PROTHIOCONAZOLE	GROUP	3	FUNGICIDE
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AG37862 CL 4SC Fungicide

For: control of specified diseases on listed crops.

ACTIVE INGREDIENT:

Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione 41.0%

OTHER INGREDIENTS: 59.0%

TOTAL: 100.0%

Contains 4.00 pounds Prothioconazole per gallon

EPA Reg. No. 2749-652

EPA Est.

Net Content:

KEEP OUT OF REACH OF CHILDREN

CAUTION

[See] [inside] [label] [booklet] [for] [additional] [Precautionary Statements][.] [and] [Directions for Use] [including] [Storage and Disposal] [instructions][.]

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Have a person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or physician or going for treatment. FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887 (24 Hours per Day, 7 Days per Week).	
NOTE TO PHYSICIAN: No specific antidote. Treat symptomatically.	

Manufactured [for][by]
Aceto Life Sciences, L.L.C. d/b/a Actylis
4 Tri Harbor Court
Port Washington, NY 11050-4661

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid contact with eyes and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants (additional coveralls required for treatment of corn seeds when handling treated seed).
- Chemical resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton ≥14 mils
- Shoes plus socks

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 [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

- | |
|---|
| <ul style="list-style-type: none">• Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.• Users should remove clothing/PPE 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 into clean clothing. |
|---|

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This product is toxic to estuarine/marine invertebrates, and freshwater/estuaries/marine aquatic plants. **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.

Ground Water Advisory: Degradates of prothioconazole are known to leach through soil into groundwater under certain conditions as a result of label use. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of prothioconazole and degradates from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

PHYSICAL AND CHEMICAL HAZARDS

DO NOT mix or allow coming in contact with oxidizing and reducing agents. Hazardous chemical reactions may occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Read the entire label before using this product.

For use only in commercial seed treatment equipment. **DO NOT** use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.

PRODUCT INFORMATION

AG37862 CL 4SC Fungicide:

- is a broad-spectrum systemic seed treatment fungicide for the control of Ascomycetes, Basidiomycetes and Deuteromycetes diseases in a variety of crops including alfalfa, barley, buckwheat, corn, cotton, dried shelled pea and bean (except for soybean) subgroup, millet (Pearl & Proso), oats, rice, rye, sorghum, soybeans, triticale, and wheat.

APPLICATION INSTRUCTIONS

- AG37862 CL 4SC Fungicide provides control or suppression of many important diseases of alfalfa, barley, buckwheat, cotton, dried shelled pea and bean (except for soybean) subgroup, millet (Pearl & Proso), oats, rice, rye, sorghum, soybeans, triticale, and wheat.
- Apply using standard slurry or mist-type seed treatment equipment. Uniform application of seed is necessary to ensure seed safety and best disease protection. Product should be diluted with sufficient water to ensure complete seed coverage. Consult a seed treatment specialist regarding slurry rates suggested for the crop to be treated with AG37862 CL 4SC Fungicide. For best results, apply to high quality, properly cleaned seed.
- When reference is made to disease suppression, suppression can mean either erratic control from good to fair or consistent control at a level below that obtained with the best commercial disease control products.
- Under conditions conducive to extended infection periods or high disease pressure, additional fungicide applications beyond the number allowed by this label may be needed. Under these conditions use another fungicide registered for the crop/disease.
- Equipment must be properly calibrated before use.

USE RESTRICTIONS

- **DO NOT** use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.
- This product does not contain colorant. The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21CFR, part 2.25. Any colorant added to treated seed must be cleared for use under 40CFR, Part 153.155.
- In California - Registered only for use in commercial seed treating establishments. **DO NOT** use for "on-farm" use.
- Store treated seeds away from food and feedstuffs.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of any water proof material (additional coveralls required for treatment of corns seeds) when handling treated seed.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements.
- **DO NOT** contaminate water bodies when disposing of planting equipment wash waters.
- Treated seed must be adequately covered with soil at planting. Plant at a minimum depth of ½ inch.
- Dispose of seed packaging or containers in accordance with local requirements. **DO NOT** use empty seed bags for any other purpose.
- To reduce seed dust which can drift onto blooming crops or weeds, ensure that planting equipment is functioning properly in accordance with manufacturer's recommendations. Surplus seed or empty seed containers must be stored or disposed according to local federal regulations.
- After the seeds have been planted, **DO NOT** enter or allow worker entry into the treated areas during the restricted-entry interval (REI) of 12 hours. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the treated seeds in the soil or with the planting media.
- Treated at manufacturer's recommended rate
- **DO NOT** use empty seed bags for any other purpose.
- To reduce seed dust which can drift onto blooming crops or weeds, ensure that planting equipment is functioning properly in accordance with manufacturer's recommendations. Surplus seed or empty seed containers must be stored or disposed of according to local federal regulations.
- Refer to the specific use directions and restrictions in each Crop, Crop Group, or Crop Subgroup table.

ROTATIONAL RESTRICTIONS

Treated areas may be replanted with any crop specified on this label as soon as practical after last application. For crops not listed on this label, **DO NOT** plant back within 30 days of last application.

RESISTANCE MANAGEMENT RECOMMENDATIONS

- AG37862 CL 4SC Fungicide is a Group 3 fungicide, which exhibits no known cross-resistance to other fungicide groups. However, fungal pathogens are known to develop resistance to products with the same mode of action when used repeatedly.
- Any fungal population may contain or develop individuals that are resistant to AG37862 CL 4SC Fungicide and other Group 3 fungicides. If Group 3 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted diseases, the resistant isolates may eventually dominate the fungal population.
- Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotation and/or tank mixing with products having different modes of action or limiting the total number of applications per season.

- Contact your local extension specialist, certified crop advisor, and/or manufacturer for fungicide resistance management and/or integrated disease management recommendations for specific crops and pathogen populations. Aceto Life Sciences, L.L.C./ D/B/A ACTYLIS encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

REQUIRED DYE STATEMENT

Seed treated with this product must be visually identifiable from untreated seed by the use of an approved colorant or dye to prevent accidental use of treated seed as food for humans or feed for animals. Refer to 21 CFR, § 153.155(c).

SPECIFIC CROPS DIRECTIONS

CROP USE DIRECTIONS APPLICATION INSTRUCTIONS FOR SEED TREATMENT

ALFALFA^[1]

DISEASE CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE
Seed rot and damping-off caused by <i>Rhizoctonia</i>	0.48 fl oz per 100 lbs. seed (15 g ai per 100 kg seed)
RESTRICTIONS:	
<ul style="list-style-type: none"> • DO NOT apply more than 0.48 fl. oz./A (0.015 lbs. ai) of AG37862 CL 4SC Fungicide per 100 lbs. seed. 	
[¹ Not registered for use in California.]	

DRIED BEANS AND PEAS Subgroup 6C and SOYBEAN ^[1]: Soybean, Adzuki Bean, Blackeyed Pea, Broad Bean, Catjang, Chickpea, Cowpea, Crowder Pea, Field Bean, Field Pea, Guar, Kidney Bean, Lablab Bean, Lentil, Lima Bean, Moth Bean, Mung Bean, Navy Bean, Pigeon Pea, Pinto Bean, Rice Bean, Southern Pea, Tepary Bean, Urd Bean

DISEASE CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE
Seed rot and damping-off caused by <i>Rhizoctonia</i> , <i>Fusarium</i> Seed decay	APPLICATION RATE PER 100 LBS: 0.16 - 0.32 fl oz per 100 lbs. seed (5 - 10 g ai per 100 kg seed) APPLICATION RATE PER SEED (based on 3000 seed per lbs.; soybean only): 0.0075 - 0.015 mg ai per seed
RESTRICTIONS:	
<ul style="list-style-type: none"> • DO NOT apply more than 0.32 fl. oz./A (0.01 lbs. ai) of AG37862 CL 4SC Fungicide per 100 lbs. seed. 	
[¹ Not registered for use in California]	

CEREAL GRAINS^[1]: Barley, Buckwheat, Millet (Pearl and Proso), Oats, Rye, Triticale, Wheat, Corn and Rice (see corn and rice sections in this table)

DISEASE CONTROLLED	RATE OF AG37862 CL 4SC FUNGICIDE
Common bunt Covered smut False loose smut Flag smut Leaf stripe Loose smut Stinking smut Stem smut True loose smut Seed rot, pre-emergence damping-off and seeding blight caused by soilborne <i>Rhizoctonia solani</i> , <i>Fusarium</i> , <i>Cochliobolus</i> Common root rot, foot rot, and crown rot (early season suppression)	0.16 - 0.8 fl oz per 100 lbs. seed (5 - 25 g ai per 100 kg seed)

Rust, <i>Septoria</i> and powdery mildew (early season suppression)	
Note- For environments with Pythium pressure, combine AG37862 CL 4SC Fungicide with Allegiance Flowable Seed Treatment Fungicide (metalaxyl), EPA Reg. No. 264-935 at rates listed on label.	
RESTRICTIONS:	
• DO NOT apply more than 0.8 fl. oz./A (0.025 lbs. ai) of AG37862 CL 4SC Fungicide per 100 lbs. seed.	
[¹ Not registered for use in California.]	

COTTON^[1]

Disease Controlled	Rate of AG37862 CL 4SC Fungicide			
	seeds/lb.	fl. oz./100 lbs. seed	fl. oz./100,000 seeds	mg ai/seed
Seedborne decay caused by <i>Fusarium spp.</i> , <i>Aspergillus spp.</i> , <i>Cladosporium spp.</i> , <i>Penicillium spp.</i> , <i>Alternaria spp.</i> Soilborne seedling disease caused by <i>Fursarium app.</i> , <i>Rhizoctonia solani</i>	4500	0.15 – 0.40	0.035 – 0.090	0.005 – 0.013
Seedling disease caused by heavy infestations of <i>Fusarium spp.</i> and <i>Phizoctonia solani</i>	4500	0.40 – 0.81	0.090 – 0.18	0.013 – 0.026
Crop Specific Directions:				
• Application rate specified for planting rate range of 29,000 - 85,000 cotton seed per acre.				
RESTRICTIONS:				
• DO NOT apply more than 0.81 fl. oz./A (0.0253 lbs. ai) of AG37862 CL 4SC Fungicide per 100 lbs. seed.				
[¹ Not registered for use in California.]				

CORN: ^[1]

Disease Controlled	Corn	Rate of AG37862 CL 4SC Fungicide			
		seeds/lb.	fl. oz./100 lbs. seed	fl. oz./100,000 seeds	mg ai/seed
To aid in the control or suppression of seedborn disease and early season seedling disease cause by <i>Fusarium spp.</i> and <i>Rhizoctonia solani</i>	Field Corn, Field Corn Grown for Seed	1681	0.08 – 0.80	0.038 – 0.381	0.0068 – 0.0676
	Popcorn	3061	0.08 – 0.80	0.021 – 0.210	0.0037 – 0.0371
	Sweet Corn	3150	0.08 – 0.80	0.020 - 0.203	0.0036 – 0.0361
For the suppression of late season stalk diseases caused by <i>Fusarium spp.</i> . Assists in control of seedborne and soil borne <i>Sphacelotheca reiliana</i>	Field Corn, Field Corn Grown for Seed	1681	0.96 – 3.83	0.457 – 1.824	0.0811 – 0.3235
	Popcorn	3061	0.96 – 3.83	0.251 – 1.001	0.0445 – 0.1775
	Sweet Corn	3150	0.96 – 3.83	0.244 – 0/973	0.0433 – 0.1725

[¹ Not registered for use in California.]

²Seeds/lb. values based on average for Field Corn (1681 seeds/lb.), Popcorn (3061 seeds/lb.), and Sweet Corn (3150 seeds/lb.).

RESTRICTIONS:

• **DO NOT** apply more than 3.83 fl. oz./A (0.1197 lbs. ai) of AG37862 CL 4SC Fungicide per 100 lbs. seed.

RICE^[1]

DISEASE CONTROLLED	RATE OF AG37862 CL 4SC Fungicide
Seed rot and damping-off caused by <i>Rhizoctonia</i> and <i>Fusarium</i> Seed decay	0.16 – 0.32 fl oz per 100 lbs. seed (5 – 10 g ai per 100 kg seed)
RESTRICTIONS:	
<ul style="list-style-type: none"> • DO NOT plant treated rice seed directly into a flooded field. • DO NOT soak treated rice seed. • DO NOT apply more than 0.32 fl. oz./A (0.01 lbs. ai) of AG37862 CL 4SC Fungicide per 100 lbs. seed. 	
[¹ Not registered for use in California.]	

SORGHUM^[1]

Diseases Controlled	Rate of AG37862 CL 4SC Fungicide			
	seeds/lb ²	fl. oz./100 lbs. seeds	fl. oz./100,000 seeds	mg ai/seed
Seed borne and soilborne fungi which cause seed decay, damping-off and seedling blight including the following: <i>Fusarium</i> spp. <i>Aspergillus</i> spp. <i>Alternaria</i> spp. <i>Cladosporium</i> spp. <i>Penicillium</i> spp.	11,000 – 25,000	0.08 – 0.32	0.0032 – 0.0291	0.00045 – 0.0041
Crop Specific Directions:				
<ul style="list-style-type: none"> • Plant treated sorghum seed at a minimum depth of ½ inch. • ²Application rate specified for planting rate range of 25,000 to 100,000 sorghum seed per acre. 				
RESTRICTIONS:				
<ul style="list-style-type: none"> • DO NOT apply more than 0.32 fl. oz./A (0.01 lbs. ai) of AG37862 CL 4SC Fungicide per 100 lbs. seed. 				
[¹ Not registered for use in California.]				

SEED TAG LABEL REQUIREMENTS

The Federal Seed Act requires that containers containing treated seeds shall be labelled with the following statements:

- This seed has been treated with AG37862 CL 4SC Fungicide, a fungicide containing prothioconazole.
- **DO NOT** use treated seed for food, feed, or oil production.

The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with prothioconazole:

- Store treated seeds away from food and feedstuffs.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- When opening this bag or loading/pouring the treated seed/seed-pieces, wear long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton ≥14 mils (additional coveralls required for treatment of corns seeds).
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting (such as row ends).
- Dispose of all excess treated seed by burying seed away from bodies of water.
- **DO NOT** contaminate bodies of water when disposing of planting equipment wash waters.
- Plant treated seeds into the soil to recommended minimum depth or greater to minimize exposure.
- **DO NOT** plant treated seeds by broadcasting to the soil surface. Ensure that all planted seeds are thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seeds.
- Dispose of seed packaging or containers in accordance with local requirements.
- Excess treated seeds may be used for ethanol production if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in the ethanol by-products that are used in agronomic practice.
- Treated seed must be adequately covered with soil at planting. Plant at a minimum depth of ½ inch.
- **DO NOT** use empty seed bags for any other purpose.
- To reduce seed dust which can drift onto blooming crops or weeds, ensure that planting equipment is functioning properly in accordance with manufacturer's recommendations. Surplus seed or empty seed containers must be stored or disposed of according to local federal regulations.
- After the seeds have been planted, **DO NOT** enter or allow worker entry into the treated areas during the restricted-entry interval (REI) of

12 hours. For seed corn, the REI is 24 hours. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the treated seeds in the soil or with the planting media.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage, disposal or cleaning of equipment.

Pesticide Storage

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. **DO NOT** walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

Pesticide Disposal

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

Container Handling

[Dilutable Seed Treatment Products in Non-Refillable Plastic Containers]

Rigid, Non-refillable containers (equal to or less than 5 gallons)

Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs.)

Non-refillable container. **DO NOT** reuse or refill this container. After emptying product from container, either return container to Aceto Life Sciences, L.L.C. d/b/a Actylis per instructions from Aceto Life Sciences, L.L.C. d/b/a Actylis (516-627-6000), or rinse and either recycle or dispose of the container as follows:

Bottom Discharge IBC (e.g. - Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal.

Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g.- Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

[Non-Dilutable Seed-Treatment Products in Non-Refillable Containers]

Seed-Treatment Products in Non-Refillable Fiber Drums with Liners

Non-refillable container. **DO NOT** reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then offer for recycling if available or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

Seed-Treatment Products in Non-rigid, Non-Refillable Containers

Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

[Seed Treatment Products in Refillable Containers]

Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. After emptying product from container, either return container to Aceto Life Sciences, L.L.C. d/b/a Actylis per instructions from Aceto Life Sciences, L.L.C. d/b/a Actylis Customer Service Center (516-627-6000 or rinse and either recycle or dispose of the container as follows:

Bottom Discharge IBC (e.g. - Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g. - Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To triple rinse the containers before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

End users are authorized to remove tamper evident cables as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. If this is the case, end users are not authorized to remove tamper evident cables, remove one way valves or clean container.

Batch No: _____

WARRANTY DISCLAIMER AND NOTICE
IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranty and Limitations Liability before using this product. If the terms are not acceptable, return the unopen product at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Aceto Life Sciences, L.L.C. d/b/a Actylis MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Aceto Life Sciences, L.L.C. d/b/a Actylis is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Aceto Life Sciences, L.L.C. d/b/a Actylis DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT ACETO LIFE SCIENCES, L.L.C. D/B/A ACTYLIS'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Option marketing and non-FIFRA label statements]

[All trademarks are the property of their respective owners.]

[Active ingredient made [in] [Country] , [formulated] [in Country] [and] [package] [in Country].]

[Shake Well Before Using]

[*Not **Registered** for Use [in][by] [State]]

[Peel Down for Directions]

[Sub label Turf Use Only]

PROTHIOCONAZOLE

GROUP

3

FUNGICIDE

AG37862 CL 4SC Fungicide

For: control of specified diseases on golf course turf grasses.

ACTIVE INGREDIENT:

Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-

(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione 41.0%

OTHER INGREDIENTS: 59.0%

TOTAL: 100.0%

Contains 4.00 pounds Prothioconazole per gallon

EPA Reg. No. 2749-652

EPA Est.

Net Content:

KEEP OUT OF REACH OF CHILDREN

CAUTION

[See] [inside] [label] [booklet] [for] [additional] [Precautionary Statements][,] [and] [Directions for Use] [including] [Storage and Disposal] [instructions][,]

FIRST AID

IF SWALLOWED:

- Immediately call a poison control center or doctor for treatment advice.
- Have a person sip a glass of water if able to swallow.
- DO NOT induce vomiting unless told to do so by a poison control center or doctor.
- DO NOT give anything by mouth to an unconscious person.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or physician or going for treatment. FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887 (24 Hours per Day, 7 Days per Week).

NOTE TO PHYSICIAN: No specific antidote. Treat symptomatically.

Manufactured [for][by]
Aceto Life Sciences, L.L.C. d/b/a Actylis
4 Tri Harbor Court
Port Washington, NY 11050-4661

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid contact with eyes and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of barrier laminate, butyl rubber >14 mils, nitrile rubber >14 mils, neoprene rubber >14 mils, polyvinyl chloride (PVC) >14 mils, or Viton >14 mils
- Shoes plus socks

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to estuarine/marine invertebrates, and freshwater/estuaries/marine aquatic plants. 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.

Ground Water Advisory: Degradates of prothioconazole are known to leach through soil into groundwater under certain conditions as a result of label use. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of prothioconazole and degrades from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

PHYSICAL AND CHEMICAL HAZARDS

DO NOT mix or allow coming in contact with oxidizing and reducing agents. Hazardous chemical reactions may occur.

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.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (40 CFR Part 170) for agricultural pesticides. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. [Golf courses are not within the scope of the Worker Protection Standard.]

- Keep people and pets off treated areas until spray solution has dried.

PRODUCT INFORMATION

AG37862 CL 4SC Fungicide is a broad-spectrum systemic fungicide for the control of Ascomycetes, Basidiomycetes and Deuteromycetes diseases in golf course turfgrass. Under conditions conducive to extended infection periods or high disease pressure, additional fungicide applications beyond the number allowed by this label may be needed. Under these conditions use another fungicide registered for the disease. Equipment must be properly calibrated before use.

FUNGICIDE RESISTANCE MANAGEMENT (FRAC) RECOMMENDATIONS

For resistance management, AG37862 CL 4SC Fungicide contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to AG37862 CL 4SC Fungicide and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of AG37862 CL 4SC Fungicide or other Group 3 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact [Aceto Life Sciences, L.L.C. d/b/a Actylis] at 516-627-6000. You can also contact your pesticide distributor or university extension specialist to report resistance.

Spray Equipment/Volumes

AG37862 CL 4SC Fungicide may be applied by ground application equipment. Refer to the USE DIRECTIONS FOR TURF section of this label for approved applications.

Apply in a minimum of [10] [20][30][40] gallons of spray solution per acre by ground sprayer. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage.

Mixing Procedures

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Prepare no more spray mixture than is necessary for the immediate operation. Thoroughly clean spray equipment before using this product. Maintain maximum agitation throughout the spray operation. DO NOT let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to the previously treated area or dispose of the rinsate according to local regulations.

AG37862 CL 4SC Fungicide Alone: Add ½ of the required amount of water to the mix tank. With the agitator running, add the AG37862 CL 4SC Fungicide to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the product has completely and uniformly dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

AG37862 CL 4SC Fungicide + Tank-Mix Partners: Add ½ of the required amount of water to the mix tank. Start the agitator running before adding any of the tank-mix partners. Normally tank-mix partners should be added in this order: products packaged in water- soluble packaging, wettable powders, wettable granules (dry flowables), liquid flowables, liquids, and emulsifiable concentrates. Always allow each tank-mix partner to become fully and uniformly dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

When using AG37862 CL 4SC Fungicide in tank mixtures, all products in water-soluble packaging should be added to the tank before any other

tank-mix partner, including AG37862 CL 4SC Fungicide. Allow the water-soluble packaging to completely disperse before adding any other tank-mix partner to the tank.

If using AG37862 CL 4SC Fungicide in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations; which appear on the tank-mix product label. No label dosage rate must be exceeded, and the most restrictive label precautions and limitations must be followed. This product must not be mixed with any product that prohibits such mixing. Tank mixtures or other applications of products are permitted only in those states in which the products are registered.

AG37862 CL 4SC Fungicide is compatible with most insecticide, fungicide, herbicide, and foliar nutrient products. However, the physical compatibility of AG37862 CL 4SC Fungicide with tank-mix partners should be tested before use. To determine the physical compatibility of AG37862 CL 4SC Fungicide with other products, use a jar test, as described below.

Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water-dispersible granular products first, then liquids, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. For further information, contact your local Aceto Life Sciences L.L.C. d/b/a Actylis representative.

The turf grass safety of all potential tank mixes including additives and other pesticides on all turf grass species has not been tested. Before applying any tank mixture not specifically listed on this label, the safety to the target turf grass should be confirmed. To test for turf grass safety, apply AG37862 CL 4SC Fungicide to the target turf grass species in a small area and in accordance with label instructions for the target turf grass species.

INSTRUCTIONS TO AVOID SPRAY DRIFT

DO NOT make applications when conditions favor drift beyond the target application area. When drift may be a problem, take measures to reduce drift, including:

1. **DO NOT** spray if wind speeds are or become excessive. **DO NOT** spray if wind speed is 15 mph or greater. If non-target crops are located downwind, use caution when spraying if wind is present. **DO NOT** spray if winds are gusty.
2. Use caution when conditions are favorable for drift (high temperatures, drought, and low relative humidity).
3. **DO NOT** apply when temperature inversion exists. If inversion conditions are suspected, consult with local weather services before making an application.

SPRAY DRIFT MANAGEMENT

Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 4 feet above the ground or plant canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size-Ground Boom

- Volume—Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure—Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle—Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

BOOM HEIGHT—Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

WIND

Drift potential generally increase with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

USE DIRECTION FOR TURF

AG37862 CL 4SC Fungicide controls a range of turf diseases. Refer to the table below for disease, rate structure, and specific use information. Apply AG37862 CL 4SC Fungicide prior to turf disease development or in the early stages of turf disease development. See ‘Spray Equipment/Volumes’ for further information on equipment, nozzles, spray volumes and mixing instructions.

AG37862 CL 4SC Fungicide is intended for use by professional applicators.

TURFGRASS TOLERANCE

Due to the variability within turfgrass species and cultivars, along with possible tank-mix combinations, including additives and other pesticides, neither the seller nor the manufacturer has determined whether or not all turfgrasses or combinations are tolerant to AG37862 CL 4SC Fungicide under all conditions.

Before applying any mixture not specifically listed on this label, it is advised to confirm biological compatibility testing with the combination. To confirm biological compatibility, mix the products in accordance to labeled rates and spray a small area of target turf under similar conditions to target area and monitor for any phytotoxic response or other adverse effect before applying AG37862 CL 4SC Fungicide to targeted area.

<u>Disease</u>	<u>Application Rate</u> <u>(fl. oz. Product/A)¹</u>	<u>Retreatment</u> <u>Interval</u> <u>(days)²</u>	<u>Use Information</u>
<u>Anthracnose (<i>Collectotrichum graminicola</i>) [*]</u>	<u>5.7-8.5</u>	<u>14-21</u>	
<u>Brown Patch [Rhizoctonia Blight] (<i>Rhizoctonia solani</i>) [*]</u>	<u>4.3-8.5</u>	<u>14-21</u>	<u>[Late curative applications may be less effective.]</u> <u>[For best results, apply preventatively before conditions favorable for infection occur.]</u>
<u>Brown Ring (Waitea) Patch (<i>Waitea circinata</i> var. <i>circinata</i>) [*]</u>	<u>[4.3-8.5]</u> <u>[5.7-8.5]</u>	<u>14-21</u>	<u>[Late curative applications may be less effective.]</u> <u>[For best results, apply preventatively before conditions favorable for infection occur.]</u>
<u>Dollar Spot (<i>Sclerotinia homoeocarpa</i> syn. <i>Clarireedia homoeocarpa</i>) [*]</u>	<u>4.3-8.5</u>	<u>14-21</u>	
<u>Fairy Wing (caused by Basidiomycete fungi) [*]</u>	<u>[5.7-8.5]</u> <u>[8.5]</u>	<u>[14-21][28]</u>	<u>[For preventative treatments, apply lower rate range in the spring prior to appearance of fairy ring symptoms. For curative treatments, use the high rate.]</u> <u>Before the spray dries, adequately water-in to move the fungicide into the thatch/soil where the fungus is active.</u>
<u>Gray Leaf Spot (<i>Pyricularia grisea</i>) [*]</u>	<u>[4.3-8.5]</u> <u>[5.7-8.5]</u>	<u>14-21</u>	
<u>Grav Snow Mold [Typhula Blight] [(<i>Typhula incarnata</i>)] [(<i>Typhula incarnata</i>, <i>T. ishikariensis</i>)] [*]</u>	<u>[4.3-8.5]</u> <u>[5.7-8.5]</u>	<u>[14-21][28]</u>	<u>Make 1-2 preventative applications before conditions favorable for infection occur. DO NOT apply over snow cover.</u>
<u>Pink Snow Mold (<i>Microdochium nivale</i>) [*]</u>	<u>[8.5]</u>		
<u>Large Patch [Zovsia Patch] (<i>Rhizoctonia solani</i>) [*]</u>	<u>[4.3-8.5]</u> <u>[5.7-8.5]</u>	<u>[14-21][28]</u>	<u>Lightly water-in applications to move fungicide into crown area and root zone.</u>
<u>Microdochium Patch (<i>Microdochium nivale</i>) [*]</u>	<u>[5.7-8.5]</u> <u>[8.5]</u>	<u>[14-21][21]</u>	<u>Begin preventative applications when conditions are conducive to disease development and without lasting snowfall.</u>
<u>Mini Ring (<i>Rhizoctonia zeae</i>) [*]</u>	<u>5.7-8.5</u>	<u>[14][14-21]</u>	<u>Apply preventatively before conditions favorable for infection occur.</u>
<u>Spring Dead Spot (<i>Ophiosphaerella korrae</i>, <i>O. herpotricha</i>, <i>Leptosphaeii korrae</i>, <i>L. namari</i>) [*]</u>	<u>[4.3-8.5]</u> <u>[5.7-8.5]</u>	<u>[14-21][28]</u>	<u>Lightly water-in applications to move fungicide into crown area and root zone.</u>

Summer Patch (<i>Magnaporthe poae</i>) [*]	4.3-8.5	[14-21][28]	Use adequate spray-volume or water-in applications to crowns and upper roots for maximum effectiveness. If there is prior disease history, use the higher rate and shorter interval.
Take-All Patch (<i>Gaeumannomyces graminis var. avenae</i>) [*]	[4.3-8.5] [5.7-8.5]	[14-21][28]	Treat preventatively for the disease. Water-in applications into the upper root zone.
Take-all Root Rot [Bermudagrass Decline, Warm Season Turfgrass Decline] (<i>Gaeumannomyces graminis var. graminis</i>) [*]	[4.3-8.5] [5.7-8.5]	[14-21][28]	Apply fungicide in adequate water volume or water-in applications to upper root zone. [Apply fungicide prior to periods of stress, including hot, humid conditions or extended wet weather.]

¹4.3, 5.7, and 8.5 fl. oz. product/A equate to 0.098, 0.131, and 0.196 fl oz product/1,000 ft² or 0.134, 0.178, and 0.267 lbs. ai/A, respectively.

²Use the shorter specified application interval and/or the higher specified rate when prolonged favorable turf disease conditions exist.

[*Not Registered for Use by California]

PRECAUTIONS

- After application, allow foliage to dry prior to mowing.
- Use of skirted spray booms will further reduce spray drift.

RESTRICTIONS

- DO NOT apply more than 8.5 fl. oz. AG37862 CL 4SC Fungicide/A per application (0.196 fl. oz. product/1000 ft²), equivalent to 0.267 lb. ai/A.
- DO NOT apply more than 25.6 fl oz AG37862 CL 4SC Fungicide /A per year (0.588 fl oz product/1000ft²), equivalent to 0.801 lbs. ai/A/year.
- DO NOT exceed 3 applications per year using the maximum single application rate.
- For use only on golf course turfgrass (greens, tees, fairways and roughs).
- Not for residential use. DO NOT use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park, athletic fields, schools, campgrounds, churches, and theme parks.
- DO NOT use clippings for animal feed.
- DO NOT apply by aerial application.
- DO NOT apply through any type of irrigation equipment (chemigation).
- For ground application equipment only. DO NOT use with handheld application equipment, including mechanically pressurized spray gun, backpack or tank pressurized spray gun, spray hawk or handheld boom applicators.
- [Not for sale, distribution, or use in Nassau and Suffolk counties, New York [except as permitted under FIFRA 24(c), Special Local Need registration.]]

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. DO NOT walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer for recycling, if available. If not recycled, then puncture and dispose of in a sanitary landfill, or by incineration.

Batch No: _____

WARRANTY DISCLAIMER AND NOTICE
IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranty and Limitations Liability before using this product. If the terms are not acceptable, return the unopen product at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

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[Option marketing and non-FIFRA label statements]

[All trademarks are the property of their respective owners.]

[Active ingredient made [in] [Country], [formulated] [in Country] [and] [package] [in Country].]

[Shake Well Before Using]

[*Not Registered for Use [in][by] [State]]

[Peel Down for Directions]