



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

2749-658

Date of Issuance:

1/13/26

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

AG37590 CS SC Fungicide

Name and Address of Registrant (include ZIP Code):

Aceto Life Sciences, L.L.C. d/b/a Actylis
4 Tri Harbor Court
Port Washington, NY 11050

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Continues page 2

Signature of Approving Official:

Stephanie Suarez, Ph.D., Acting Product Manager 22
Fungicide Branch, Registration Division (7505T)

Date:

1/13/26

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 2749-658."
3. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements 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 Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 01/07/2026
- Alternate CSF 1 dated 04/22/2024
- Alternate CSF 2 dated 01/07/2026
- Alternate CSF 3 dated 04/22/2024

If you have any questions, please contact Elisha Graham at graham.elisha@epa.gov.

Enclosure

[Note to reviewer: [Text] in brackets denotes optional or explanatory language]
 [Master Label]

[Alternate Brand Names:]

AZOXYSTROBIN	GROUP	11	FUNGICIDE
DIFENOCONAZOLE	GROUP	3	FUNGICIDE

AG37590 CS SC Fungicide

Active Ingredients:	
Azoxystrobin*	18.2%
Difenoconazole**	11.4%
Other Ingredients:	70.4%
Total:	100.0%

*CAS No. 131860-33-8
 **CAS No. 119446-68-3

AG37590 CS SC Fungicide is formulated as a suspension concentrate (SC) containing 1.67 lb. of azoxystrobin active ingredient and 1.05 lb. of difenoconazole active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN. CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
 (If you **DO NOT** understand the label, find someone to explain it to you in detail.)

FIRST AID	
If swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to by a poison control center or doctor. DO NOT give anything by mouth to an unconscious person
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.
HOTLINE 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).	

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).

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

EPA Reg. No. 2749-XXXX
Net Contents:

EPA Est. No.:

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. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

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, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils
- Shoes plus socks
- Protective eyewear

Human flagging is prohibited.

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.

User Safety Recommendations

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- 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.

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.

Environmental Hazards

Difenoconazole is toxic to fish, mammals and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Azoxystrobin is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Azoxystrobin can be persistent for several months or longer.

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

Groundwater Advisory

Azoxystrobin and a degradate of azoxystrobin are known to leach through soil into groundwater under certain conditions as a result of label use. This chemical 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 ground water. This product is classified as having a 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 azoxystrobin and a degradate of azoxystrobin 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.

Notify State and/or Federal authorities and Aceto Life Sciences, L.L.C. d/b/a Actylis immediately if you observe any adverse environmental effects due to use of this product.

Physical and Chemical Hazards

DO NOT mix or allow coming in contact with oxidizing agents as hazardous chemical reaction 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. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

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 ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils Shoes plus socks
- Shoes plus socks

PRODUCT INFORMATION

AG37590 CS SC Fungicide is a broad-spectrum product containing two fungicides. It has preventative, systemic and curative properties and is used for the control of many important plant diseases. AG37590 CS SC Fungicide provides excellent disease control of many leaf spots and powdery mildews. AG37590 CS SC Fungicide is applied as a foliar spray and can be used in block, alternating spray or tank-mix programs with other crop protection products. All applications must be made according to the use directions that follow.

POLLINATOR ADVISORY STATEMENT: This product may adversely impact the forage and habitat of local pollinators, including the monarch butterfly (and its larvae), birds, or bats if reaches non-target areas. Protect pollinators by following label directions to minimize spray drift.

USE PRECAUTIONS

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

PRECAUTIONS

AG37590 CS SC Fungicide is extremely phytotoxic to certain apple varieties.

USE RESTRICTIONS

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

DO NOT spray AG37590 CS SC Fungicide where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State Extension Agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply AG37590 CS SC Fungicide to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

USE INFORMATION

Application: Thorough coverage is necessary to provide good disease control. Make no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

Adjuvants: When an adjuvant is to be used with this product, the use of an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification program is advised.

Use of Adjuvants: Under certain weather conditions (particularly high temperatures) AG37590 CS SC Fungicide in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. **DO NOT** exceed 0.125% adjuvant (v/v). Consult an Aceto Life Sciences, L.L.C. d/b/a Actylis a representative for more information concerning additives or adjuvants.

A tank mixture with dimethoate may cause crop injury.

On fresh market tomatoes, **DO NOT** use adjuvants or tank mix AG37590 CS SC Fungicide with any EC product.

Efficacy: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if the maximum amount of AG37590 CS SC Fungicide has been used. If resistant isolates to Group 3 or Group 11 fungicides are present, efficacy can be reduced for certain diseases. The higher rates in the rate range and/or shorter spray intervals may be required under conditions of heavy infection pressure, with highly susceptible varieties, or when environmental conditions are conducive to disease.

Integrated Pest Management (IPM): AG37590 CS SC Fungicide needs to be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development needs to be followed. Consult your local agricultural authorities for additional IPM strategies established for your area. AG37590 CS SC Fungicide may be used in State Agricultural Extension advisory (disease forecasting) programs which specify application timing based on environmental factors favorable for disease development.

Resistance Management

AZOXYSTROBIN	GROUP	11	FUNGICIDE
DIFENOCONAZOLE	GROUP	3	FUNGICIDE

For resistance management, please note that AG37590 CS SC Fungicide contains both azoxystrobin, a strobilurin fungicide in Group 11 and difenoconazole, a triazole fungicide in Group 3. Any fungal population may contain individuals naturally resistant to either or both of the active ingredients in AG37590 CS SC Fungicide and other Group 11 or 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.

As part of a resistance management strategy:

- Rotate the use of AG37590 CS SC Fungicide or other Group 3 and 11 fungicides within a growing season sequence with different groups that control the same pathogens. Avoid application of more than 4 and consecutive sprays of AG37590 CS SC Fungicide or other Group 3 and 11 fungicides in a season.
- Use tank mixtures with fungicides 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 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 1-516-627-6000. You can also contact your pesticide distributor or university extension specialist to report resistance.

USE RESTRICTIONS:

- Apply a maximum of 4 sprays during one crop cycle.
- Apply no more than 2 sequential applications unless otherwise stated in the crop section.

Rotational Crops: Please see the following table for the crop rotational restrictions:

Rotational Crops	Planting Time From Last AG37590 CS SC Fungicide
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	Application
Berry, Low Growing, Subgroup 13-07G, Brassica (Cole) Leafy Vegetables Crop Group 5 Bulb Vegetables, bulb. onion Subgroup 3-07A and green onion Subgroup 3-07B Carrots Chickpeas Citrus Fruit Crop Group 10-10 Cotton Subgroup 20C Cucurbit Vegetables Crop Group 9 Fruit, small, vine climbing Subgroup 13-07F, except fuzzy kiwifruit Fruiting Vegetables Crop Group 8-10 Guava Papaya Okra Pepper Potatoes Rice Soybeans Stone Fruit Crop Group 12-12 Strawberries Sugar Beets Tomatoes Tree Nuts Crop Group 14-12 Tuberous & Corm Vegetable Subgroup 1C Watercress Wild Rice	0 days
Cereals (Wheat, Barley, Oats, Rye, Triticale) Root and Tuber Vegetables, Crop Group 1 (except Carrot, Sugar Beet, and Tuberous Corm Vegetable Subgroup 1C)	30 days
Buckwheat Millet	365 days
All Other Crops Intended for Food and Feed	60 days

Crop Tolerance: Plant tolerance has been found to be acceptable for all crops on the label, however, not all possible tank-mix combinations have been tested under all conditions. When possible, it is advised to test the combinations on a small portion of the crop to ensure that a phytotoxic response will not occur as a result of application. See USE PRECAUTIONS AND RESTRICTIONS regarding apple phytotoxicity.

Greenhouse Use: For resistance management, **DO NOT** use AG37590 CS SC Fungicide for transplant production.

Spray Drift Management: To avoid spray drift, **DO NOT** apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.

MIXING AND APPLICATION METHODS

Spray Equipment

Nozzles

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles need to be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- It is suggested that screens be used to protect the pump and to prevent nozzles from clogging.
- Screens placed on suction side of pump need to be *16-mesh or coarser*.
- **DO NOT** place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's specifications.

Pump

- Use a pump with capacity to:
 - Maintain 35-40 psi at nozzles.
 - Provide sufficient agitation in tank to keep mixture in suspension - this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- **DO NOT** air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state directions. For specific local directions and spray schedules, consult the current state agricultural specifications.

Mixing Instructions

- AG37590 CS SC Fungicide is a suspension concentrate (SC) formulation.
- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.

- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

AG37590 CS SC Fungicide Alone (No Tank Mix)

- Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- With the agitator running, add AG37590 CS SC Fungicide to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after AG37590 CS SC Fungicide has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

AG37590 CS SC Fungicide + Tank Mixtures: AG37590 CS SC Fungicide is usually compatible with all tank-mix partners listed on this label. To determine the physical compatibility of AG37590 CS SC Fungicide with other products, use a jar test. 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 liquid flowables, 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.

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.

Mixing in the Spray Tank

- Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and AG37590 CS SC Fungicide to the spray tank.
- Allow AG37590 CS SC Fungicide to completely disperse.
- Spray the mixture with the agitator running.
- Observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label.
- Label dosage rate must not be exceeded, and the most restrictive label precautions and limitations must be followed.
- This product must not be mixed with any product which prohibits such mixing.

Application Instructions

AG37590 CS SC Fungicide may be applied with all types of spray equipment commonly used for making ground and aerial applications. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

Ground Application

- Apply in a minimum of 10 gal of water per acre, unless specified otherwise.
- **DO NOT** apply through any ultra-low volume (ULV) spray system.
- Thorough coverage is necessary to provide good disease control.

Aerial Application

- Use only on crops where aerial applications are indicated.
- Thorough coverage is necessary to provide good disease control.
- Apply in a minimum of 5 gallons of water per acre unless specified otherwise.
- 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.
- **DO NOT** apply through any ultra-low volume (ULV) spray system.

MANDATORY SPRAY DRIFT

Aerial Applications

- **DO NOT** release spray at a height greater than 10 ft. above the crop canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to select nozzles that deliver medium to coarse spray droplets in accordance with ASABE Standard S-572.1.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- **DO NOT** apply during temperature inversions

Groundboom Applications

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop 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. Avoid applications during temperature inversions.

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.

Application Through Irrigation Systems (Chemigation)

- Use only on crops for which chemigation is specified on this label.
- Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. **DO NOT** apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- Apply in 0.1-0.25 inches/acre. Excessive water may reduce efficacy.
- If you have questions about calibration, you need to 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 for treatment.

Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) **DO NOT** use end guns when chemigating AG37590 CS SC 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 specified by the equipment manufacturer. When applying AG37590 CS SC 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 AG37590 CS SC Fungicide required to treat the area covered by the irrigation system.
- Add the required amount of AG37590 CS SC 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 AG37590 CS SC 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 AG37590 CS SC Fungicide solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20- to 30-minute interval. When applying AG37590 CS SC Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of AG37590 CS SC Fungicide required to treat the area covered by the irrigation system.
- Add the required amount of AG37590 CS SC 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 AG37590 CS SC Fungicide solution has cleared the last sprinkler head.

SPECIFIC INSTRUCTIONS FOR PUBLIC WATER SYSTEMS

1. 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.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) 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 needs to be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the 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.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

4. 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.
5. 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.
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 for treatment.

FOR SPECIFIC CROP USE DIRECTIONS

Almonds

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Alternaria Leaf Spot (<i>A. alternata</i>)</p> <p>Anthracnose (<i>Colletotrichum acutatum</i>)</p> <p>Blossom Blight (<i>Monilinia</i> spp.)</p> <p>Leaf Blight (<i>Seimatosporium lichenicola</i>)</p> <p>Leaf Rust (<i>Tranzschelia discolor</i>)</p> <p>Shot Hole (<i>Wilsonomyces carpophilus</i>)</p>	8 - 14 fl. oz.*	<p>For blossom blight, begin applications at early bloom and continue through petal fall. Make no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p>For all other diseases, begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 14- to 21- day schedule making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action.</p> <p>If monitoring or history indicates the presence of Alternaria, apply 14 fl. oz./A of AG37590 CS SC Fungicide in the late spring (mid-April to beginning of May) and then repeat the treatment 2-3 weeks later.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 14-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 28 days of harvest (28-day PHI). 		

Artichoke, Globe

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Ramularia Leaf Spot Ramularia Bud Spot (<i>R. cynarae</i>)	10 - 14 fl. oz.*	Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, use a minimum of 10 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.		
* 10 - 14 fl. oz. fl. oz. contains 0.13 – 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A. RESTRICTIONS: <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 14-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 3 days of harvest (3-day PHI). 		

Bean and Pea, Dried Shelled (except soybean) Subgroup 6C (To be grown for bean, dried seed only. *Phaseolus*, *Vigna*, *Pisum*, *Lupinus*): Dried cultivars of bean (*Lupinus*); bean (*Phaseolus*) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, tepary bean); bean (*Vigna*) (includes adzuki bean, blackeyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean); broad bean; guar; lablab bean; lentil; pea (*Pisum*) (includes field pea); pigeon pea and including all cultivars and/or hybrids of these.

See specific directions for soybeans and chickpea.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Anthranose (<i>Colletotrichum lindemuthianum</i>) Alternaria leaf spot (<i>A. alternata</i>) Alternaria blight (<i>Alternaria</i> spp.) Ascochyta leaf and pod spot (<i>Ascochyta</i> spp.) Ascochyta blight (<i>Mycosphaerella pinodes</i>) Cercospora leaf spot (<i>Cercospora cruenta</i>)	12 - 14 fl. oz.*	Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 14-day schedule, making no more than 2 applications before alternating to another fungicide with a non-QoI (Group 11) mode of action.

Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.

* 12 - 14 fl. oz. fl. oz. contains 0.16– 0.18 lb. azoxystrobin and 0.10 – 0.11 lb. difenoconazole./A.

RESTRICTIONS:

- **DO NOT** exceed the maximum rate listed in this crop table above.
- **DO NOT** apply more than 4 applications per year at the highest rate listed in this crop table above.
- **DO NOT** apply at less than 14-day intervals.
- **DO NOT** apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide.
- **DO NOT** apply more than 28 fl. oz./A/year of AG37590 CS SC Fungicide for pea vines and hay.
- **DO NOT** apply more than 0.46 lb. ai/A/year of difenoconazole-containing products.
- **DO NOT** apply more than 1.3 lb. ai/A/year of azoxystrobin-containing products.
- **DO NOT** apply within 14 days of harvest (14-day PHI).
- **DO NOT** feed or harvest cowpea forage or hay.

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

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Alternaria leaf spot (A. tenuissima)	10 - 14 fl. oz.*	Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 7- to 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.
Anthraco nose (Colletotrichum spp.)		
Leaf rust (Pucciniastrum vaccinii)		<p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p>
Leaf Spot (Cercospora fragariae)		
Monilinia blight and Mummyberry blight (M. vaccinii - corymbosis)		
Powdery mildew (Microsphaera alni)		
Septoria leaf spot (S. albopunctata)		

Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water.

* 10 - 14 fl. oz. fl. oz. contains 0.13 – 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A.

RESTRICTIONS:

- **DO NOT** exceed the maximum rate listed in this crop table above.
- **DO NOT** apply more than 4 applications per year at the highest rate listed in this crop table above.
- **DO NOT** apply at less than 7-day intervals.
- **DO NOT** apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide.
- **DO NOT** apply more than 0.46 lb. ai/A/year of difenoconazole-containing products.
- **DO NOT** apply more than 0.75 lb. ai/A/year of azoxystrobin-containing products.
- AG37590 CS SC Fungicide may be applied up to 7 days of harvest (7-day PHI).

Berry, Low Growing, Subgroup 13-07G: Bearberry; Bilberry; Blueberry, lowbush; Cloudberry; Lingonberry; Muntries; Partridgeberry; Strawberry; cultivars, varieties, and/or hybrids of these.

See specific directions for cranberry.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Anthracnose (<i>Colletotrichum</i> spp.) Leaf Rust (<i>Phragmidium potentillae</i>) Leaf Spot (<i>Cercospora fragariae</i>) Powdery Mildew (<i>Sphaerotheca macularis</i>)	8 - 14 fl. oz.*	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 7- to 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.</p>		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none">• DO NOT exceed the maximum rate listed in this crop table above.• DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above.• DO NOT apply at less than 7-day intervals.• DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide.• DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products.• DO NOT apply more than 1.0 lb. ai/A/year of azoxystrobin-containing products.• AG37590 CS SC Fungicide may be applied up to 0 day of harvest (0-day PHI).		

Brassica (Cole) Leafy Vegetables Crop Group 5: Broccoli; broccoli, Chinese (gai lon); broccoli raab (rapini); Brussels sprouts; cabbage; cabbage, Chinese (bok choy); cabbage, Chinese (napa); cabbage, Chinese mustard(gai choy); cauliflower; cavalo broccolo; collards; kale; kohlrabi; mizuna; mustard greens; mustard spinach; rape greens; turnip greens and including all cultivars and/or hybrids of these.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Alternaria Diseases (<i>Alternaria</i> spp.)</p> <p>Anthrachnose (<i>Colletotrichum higginsianum</i>)</p> <p>Cercospora Leaf Spot (<i>C. brassicicola</i>)</p> <p>Powdery Mildew (<i>Erysiphe polygoni</i>)</p>	<p>8 - 14 fl. oz.*</p>	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 7- to 14-day schedule, making no more than 1 application before alternating to another fungicide with a non-QoI (Group 11) mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. Use a minimum of 15 gal/A for ground applications. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.</p>		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole/A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 0.75 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 1 day of harvest (1-day PHI). 		

Bulb Vegetables Onion, Bulb Subgroup 3- 07A: Daylily, bulb; fritillaria, bulb; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; lily, bulb; onion, bulb; onion, Chinese, bulb; onion, pearl; onion, potato, bulb; shallot, bulb; cultivars, varieties, and/or hybrids of these.

Bulb Vegetables Onion, Green Subgroup 3- 07B: Chive, fresh leaves; chive, Chinese, fresh leaves; daylily, bulb; elegans hosta; fritillaria, bulb; fritillaria, leaves; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; kurrat; lady's leek; leek; leek, wild; lily, bulb; onion, Beltsville bunching; onion, bulb; onion, Chinese, bulb; onion, fresh; onion, green; onion, macrostem; onion, pearl; onion, potato, bulb; onion, tree, tops; onion, Welsh, tops; shallot, bulb; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Botrytis Leaf Blight (<i>B. squamosa</i>) Cercospora Leaf Spot (<i>C. duddiae</i>) Leaf Blotch (<i>Cladosporium allii-cepae</i>) Powdery Mildew (<i>Leveillula taurica</i>) Purple Blotch (<i>Alternaria porri</i>) Stemphyllium Leaf Blight (<i>S. vesicarium</i>)	8 - 14 fl. oz.*	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 7- to 14-day schedule, making no more than 1 application before alternating to another fungicide with a non-QoI (Group 11) mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p>
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. Use a minimum of 15 gal/A for ground applications. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole/A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate for green onions listed in this crop table above. • DO NOT apply at less than 7-day intervals. • For green onions, DO NOT apply more than 42 fl. oz./A/year of AG37590 CS SC Fungicide. • For green onions, DO NOT apply more than 0.34 lb. ai /A/year of difenoconazole-containing products. • DO NOT apply more than 4 applications per year at the highest rate for dry bulb onions listed in this crop table above. • For dry bulb onions, DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • For dry bulb onions, DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • For the bulb crop group, DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 7 days of harvest (7-day PHI). 		

Carrot

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Alternaria Leaf Blight (<i>Alternaria dauci</i>)</p> <p>Cercospora Leaf Spot (<i>Cercospora carotae</i>)</p> <p>Powdery Mildew (<i>Erysiphe</i> spp.)</p> <p>Southern Blight (<i>Sclerotium rolfsii</i>)</p>	<p>8 - 14 fl. oz.*</p>	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 7- to 10-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p> <p>For southern blight (white mold) use 14 fl. oz./A.</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.</p>		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole/A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 2.0 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 7 days of harvest (7-day PHI). 		

Chickpea (garbanzo bean)

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Alternaria Blight (<i>A. alternata</i>)</p> <p>Ascochyta Blight (<i>A. rabiei</i>)</p> <p>Powdery Mildew (<i>Leveillula taurica</i>)</p> <p>Rust (<i>Uromyces ciceris-arietini</i>)</p>	<p>8 - 14 fl. oz.*</p>	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. Use a minimum of 15 gal/A for ground applications. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.</p>		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole/A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 14-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 14 days of harvest (14-day PHI). 		

Citrus Fruit Crop Group 10-10: Australian desert lime (*Eremocitrus glauca*); Australian finger lime (*Microcitrus australasica*); Australian round lime (*Microcitrus australis*); Brown River finger lime (*Microcitrus papuana*); Calamondin (*Citrofortunella microcarpa*); Citron (*Citrus medica*); Citrus hybrids, *Citrus* spp., *Eremocitrus* spp., *Fortunella* spp., *Microcitrus* spp., and *Poncirus* spp.; Grapefruit (*Citrus paradise*); Japanese summer grapefruit (*Citrus natsudaidai*); Kumquat (*Fortunella* spp.); Lemon (*Citrus limon*); Lime (*Citrus aurantiifolia*); Mediterranean mandarin (*Citrus deliciosa*); Mount White lime (*Microcitrus garrowayae*); New Guinea wild lime (*Microcitrus warburgiana*); Orange, sour (*Citrus aurantium*); Orange, sweet (*Citrus sinensis*); Pummelo (*Citrus maxima*); Russell River lime (*Microcitrus inodora*); Satsuma mandarin (*Citrus unshiu*); Sweet lime (*Citrus limetta*); Tachibana orange (*Citrus tachibana*); Tahiti lime (*Citrus latifolia*); Tangelo (*Citrus* x tangelo); Tangerine (Mandarin) (*Citrus reticulata*); Tangor (*Citrus nobilis*); Trifoliate orange (*Poncirus trifoliata*); Uniq fruit (*Citrus aurantium* Tangelo group); cultivars, varieties and/or hybrids of these.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Greasy Spot (<i>Mycosphaerella citri</i>)	10 – 15.4 fl. oz.*	<p>Target AG37590 CS SC Fungicide applications to begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground or air. An adjuvant may be added at advised rates. To improve control of greasy spot, use a horticultural spray oil.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p> <p>Make no more than 2 sequential applications before alternating to another fungicide with a non- QoI (Group 11) different mode of action. DO NOT make more than 4 applications of AG37590 CS SC Fungicide or other Group 11 fungicides per year.</p>
Alternaria Leaf and Fruit Spot (<i>Alternaria citri</i>) Anthracnose (<i>Colletotrichum</i> spp.) Black Spot (<i>Guignardia citricarpa</i>) Greasy Spot Rind Blotch (<i>Mycosphaerella citri</i>) Melanose (<i>Diaporthe citri</i>)	10- 15.4 fl. oz.*	<p>Target AG37590 CS SC Fungicide applications to begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground or air. An adjuvant may be added at suggested label rates. To improve control of greasy spot, use a horticultural spray oil.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p> <p>Make no more than 2 sequential applications before alternating to another</p>

Phomopsis Stem-End Rot <i>(Phomopsis citrii)</i> Post-Bloom Fruit Drop (PFD) <i>(Colletotrichum acutatum)</i> Scab <i>(Elsinoe fawcettii)</i>	fungicide with a non- QoI (Group 11) different mode of action. DO NOT make more than 4 applications of AG37590 CS SC Fungicide or other Group 11 fungicides per year. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.	
* 10 – 15.4 fl. oz. contains 0.13 – 0.20 lb. azoxystrobin and 0.08 – 0.1lb. difenoconazole./A. RESTRICTIONS: <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT use AG37590 CS SC Fungicide in citrus plant propagation nurseries. • DO NOT apply more than 61.5 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.5 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply more than 4 applications of AG37590 CS SC Fungicide or other Group 11 fungicides per year. • May be applied the day of harvest (0-day PHI). 	

Cotton (Subgroup 20C)

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Aerolate mildew (<i>Ramularia gossypii</i>) Alternaria leaf spot (<i>Alternaria</i> spp.) Anthracnose (<i>Glomerella gossypii</i>) Ascochyta blight (<i>A. gossypii</i>) Boll rots (<i>Ascochyta gossypii</i> , <i>Alternaria</i> spp., <i>Diplodia</i> spp., <i>Phoma</i> spp.) Cotton rust (<i>Puccinia schedonnardi</i>) Diplodia boll rot (<i>Diplodia</i> spp.) Hardlock (<i>Fusarium verticillioides</i>) Leafspots and blights (<i>Alternaria</i> spp., <i>Ascochyta gossypii</i> , <i>Cercospora</i> spp., <i>Stemphyllium</i> spp.) Southwestern cotton rust (<i>Puccinia cacabata</i> , <i>Puccinia</i> spp.) Stemphyllium leaf spot (<i>Stemphyllium</i> spp.) Target spot (<i>Corynespora cassiicola</i>)	8 – 11.6 fl. oz.*	<p>For best activity, apply AG37590 CS SC Fungicide prior to or early in the disease development. An adjuvant may be added at specified rates.</p> <p>For foliar disease control, the first application is targeted approximately at pin-head square to first bloom or when conditions are conducive for disease development. For best control of target spot, adjust the GPA to ensure coverage of upper and lower leaves. Subsequent applications may be made on a 14-21 day interval.</p> <p>DO NOT apply more than two sequential applications before alternating to a fungicide with a different mode of action.</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. For aerial applications, use a minimum of 5 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Applicators must use care in making applications near non-target aquatic habitats.</p>		
<p>* 8 – 11.6 fl. oz. contains 0.10 – 0.15 lb. azoxystrobin and 0.07 – 0.095 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 3 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 14-day intervals. • DO NOT apply more than 34.8 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.45 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply more than 0.34 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply AG37590 CS SC Fungicide within 45 days of harvest (45-day PHI). 		

Cranberry[**]

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Bitter rot (<i>Colletotrichum gloeosporioides</i>) Blotch rot (<i>Physalospora vaccinia</i>) Cottonball (<i>Monilinia oxycocci</i>) Fruit Rots (<i>Physalospora vaccinia</i>) (<i>Glomerella cingulata</i>) (<i>Coleophoma empetri</i>) Leaf rust (<i>Pucciniastrum vaccinii</i>) Lophodermium Twig Blight (<i>Lophodermium</i> spp.) Ripe rot (<i>Coleophoma empetri</i>)	10 - 14 fl. oz.*	For best activity, apply AG37590 CS SC Fungicide prior to or early in the disease development. An adjuvant may be added at specified rates. Apply on a 7-14 day interval. DO NOT apply more than two sequential applications before alternating to a fungicide with a different mode of action.
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. For aerial applications, use a minimum of 5 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Applicators must use care in making applications near non-target aquatic habitats.		
<p>* 10 – 14 fl. oz. contains 0.13 – 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 3 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT apply more than 42 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.34 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • DO NOT allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application. • DO NOT apply when weather conditions favor drift from treated areas to non-target aquatic habitat. • DO NOT treat fields used for aquaculture of fish or crustacean. • DO NOT drain water from treated fields into ponds used for aquaculture of fish or crustacean. • DO NOT use water drained from treated field to irrigate other crops. • DO NOT apply to flooded crops. • DO NOT apply AG37590 CS SC Fungicide within 30 days of harvest (30-day PHI). <p>[** Not registered for use by California]</p>		

Cucurbit Vegetables Crop Group 9: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes hyotan, cucuzza, hechima, Chinese okra); *Momordica* spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes cantaloupe, honeydew); pumpkin; squash, summer (includes zucchini); squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon; including cultivars and/or hybrids of these.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Alternaria Leaf Blight (<i>A. cucumerina</i>) Alternaria Leaf Spot (<i>A. alternata</i>) Anthracnose (<i>Colletotrichum orbiculare</i>) Belly Rot (<i>Rhizoctonia solani</i>) Cercospora Leaf Spot (<i>C. citrullina</i>) Downy Mildew (<i>Pseudoperonospora cubensis</i>) Gummy Stem Blight (<i>Didymella bryoniae</i>) Myrothecium Canker (<i>M. roridum</i>) Phoma Blight (<i>P. exigua</i>) Phyllosticta Leaf Spot (<i>P. cucurbitacearum</i>) Plectosporium Blight (<i>P. tabacinum</i>) Powdery Mildew (<i>Sphaerotheca fuliginea</i> , <i>Erysiphe cichoracearum</i>) Septoria Leaf Blight (<i>S. cucurbitacearum</i>)	10 - 14 fl. oz.*	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 7- to 14-day schedule, making no more than 1 application of a QoI containing fungicide before alternating to another fungicide with a different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p> <p>For belly rot control, the first application is targeted to be made at the 1- to 3-leaf crop stage with a second application just prior to vine tip or 10-14 days later, whichever occurs first.</p>
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. Use a minimum of 15 gal/A for ground applications (20 gal/A for gummy stem blight). For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.		

*** 10 - 14 fl. oz. fl. oz. contains 0.13– 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A.**

RESTRICTIONS:

- **DO NOT** exceed the maximum rate listed in this crop table above.
- **DO NOT** apply more than 4 applications per year at the highest rate listed in this crop table above.
- **DO NOT** apply at less than 7-day intervals.
- **DO NOT** apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide.
- **DO NOT** apply more than 0.46 lb. ai/A/year of difenoconazole-containing products.
- **DO NOT** apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products.
- **DO NOT** apply within 1 day of harvest (1-day PHI).

Filberts (Hazelnuts)

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Eastern Filbert Blight (<i>Anisogramma anomala</i>)	12 -14 fl. oz*.	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 14- to 21-day schedule making no more than 2 sequential applications before alternating to another fungicide with a non- Qol (Group 11) different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>		
<p>* 12 - 14 fl. oz. fl. oz. contains 0.16– 0.18 lb. azoxystrobin and 0.10 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 14-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.2 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 45 days of harvest (45-day PHI). 		

Fruiting Vegetables (except Cucurbits) Crop Group 8-10B: African eggplant; Bell pepper; Eggplant; Martynia; Non-bell pepper; Okra; Pea eggplant; Pepino; Roselle; Scarlet eggplant; including all cultivars and/or hybrids of these.

See *Tomatoes* section for specific directions.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Anthracnose (<i>Colletotrichum</i> spp.) Cercospora Leaf Spot (<i>C. capsici</i>) Gray Leaf Spot (<i>Stemphyllium solani</i>) Powdery Mildew (<i>Oidiopsis sicula</i>)	8 - 14 fl. oz.*	<p>Begin applications prior to disease development and continue throughout the season on a 7- to 10- day interval. Make no more than 2 consecutive applications before switching to another effective fungicide with a different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p> <p>The addition of a spreading/penetrating type adjuvant may enhance efficacy.</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 3 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT apply more than 55.3 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.0 lb. ai/A/year of azoxystrobin-containing products. • May be applied the day of harvest (0-day PHI). 		

Ginseng

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Alternaria Blight (<i>A.panax</i>)</p> <p>Powdery Mildew (<i>Erysiphe</i> spp.)</p>	<p>10 -14 fl. oz*.</p>	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 7- to 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.</p>		
<p>* 10 - 14 fl. oz. fl. oz. contains 0.13– 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 2.0 lb. ai/A/year of azoxystrobin-containing products. • AG37590 CS SC Fungicide may be applied the day of harvest (0-day PHI). 		

Grapes (except Concord, Concord Seedless, and Thomcord See **PRECAUTIONS** under Application Instructions) **Fruit, small, vine climbing, except fuzzy kiwifruit – subgroup 13-07F:** Amur river grape; gooseberry; grape; kiwifruit, hardy; maypop; schisandra berry; cultivars, varieties, and/or hybrids of these.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Alternaria Rot (<i>A. alternata</i>)</p> <p>Angular Leaf Spot (<i>Mycosphaerella angulata</i>)</p> <p>Anthrachnose (<i>Elsinoe ampelina</i>)</p> <p>Black Rot (<i>Guignardia bidwellii</i>)</p> <p>Downy Mildew (<i>Plasmopara viticola</i>)</p> <p>Leaf Blight (<i>Pseudocercospora vitis</i>)</p> <p>Phomopsis Cane and Leaf Spot (<i>P. viticola</i>)</p> <p>Powdery Mildew (<i>Uncinula necator</i>)</p> <p>Rotbrenner (<i>Pseudopezicula tracheiphila</i>)</p> <p>Septoria Leaf Spot (<i>S. ampelina</i>)</p> <p>Suppression only: Botrytis Bunch Rot (<i>B. cinerea</i>)</p>	<p>10 - 14 fl. oz.*</p>	<p>For powdery mildew, begin at bud break and apply on a 10- to 21-day interval, making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action.</p> <p>For all other diseases, begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 10- to 14- day schedule, making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action.</p> <p>For Phomopsis diseases, apply at bud break before shoots are 0.5 inches in length, and then again when shoots are 5-6 inches in length.</p> <p>For black rot, begin when shoot length is 1-3 inches and continue on a 10-day interval.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p> <p>PRECAUTION: Avoid rates of methylated or ethylated vegetable oil/organosilicone adjuvants over 0.125% with AG37590 CS SC Fungicide as grape leaf injury may occur.</p> <p>PRECAUTION: On <i>V. labrusca</i>, <i>V. labrusca</i> hybrids and other non-vinifera hybrids where sensitivity is not known, the use of AG37590 CS SC Fungicide by itself or in tank mixtures with materials that may increase uptake (adjuvants, foliar fertilizers) may result in leaf burning or other phytotoxic effects.</p> <p>AG37590 CS SC Fungicide is extremely phytotoxic to certain apple varieties. Refer to USE PRECAUTIONS and RESTRICTIONS section of label.</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>		
<p>*10 - 14 fl. oz. fl. oz. contains 0.13 – 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 10-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. 		

- **DO NOT** apply more than 0.46 lb. ai/A/year of difenoconazole-containing products.
- **DO NOT** apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products.
- **DO NOT** apply within 14 days of harvest (14-day PHI).

Guava

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Alternaria Fruit Rot Anthracnose <i>(Colletotrichum gloeosporioides)</i> <i>Suppression</i> <i>Rust</i> <i>(Puccinia psidii)</i>	10 – 14 fl. oz.*	For best activity, apply AG37590 CS SC Fungicide prior to or early in the disease development. An adjuvant may be added at specified rates. Apply on a 10-14 day interval. DO NOT apply more than two sequential applications before alternating to a fungicide with a different mode of action.
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. For aerial applications, use a minimum of 10 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Applicators must use care in making applications near non-target aquatic habitats.		
<p>* 10 - 14 fl. oz. contains 0.13 – 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 10-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • AG37590 CS SC Fungicide may be applied the day of harvest (0-day PHI). 		

Papaya

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Blossom blight and fruit rot <i>(Colletotrichum gloeosporioides)</i> Alternaria fruit spot <i>(A. alternata)</i> Powdery Mildew <i>(Oidium spp.)</i> Brown Spot <i>(Corynespora cassicola)</i>	10 - 14 fl. oz.*	For best activity, apply AG37590 CS SC Fungicide prior to or early in the disease development. An adjuvant may be added at specified rates. Apply on a 10-14 day interval. DO NOT apply more than two sequential applications before alternating to a fungicide with a different mode of action.
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. For aerial applications, use a minimum of 10 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Applicators must use care in making applications near non-target aquatic habitats.		
<p>* 7.0 – 7.7 fl. oz. contains 0.13 – 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 10-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • AG37590 CS SC Fungicide may be applied the day of harvest (0-day PHI). 		

Pecans

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Downy Spot (<i>Mycosphaerella caryigena</i>) Liver Spot (<i>Gnomonia caryae pv pecanae</i>) Pecan Scab (<i>Cladosporium caryigenum</i>) Powdery Mildew (<i>Microsphaera penicillata</i>) Vein Spot (<i>Gnomonia nerviseda</i>) Zonate Leaf Spot (<i>Grovesinia pyramidalis</i>)	8 - 14 fl. oz.*	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 14- to 21-day schedule, making no more than 2 sequential applications before alternating to another fungicide with a non- QoI (Group 11) mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p>
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 14-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.2 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 45 days of harvest (45-day PHI). 		

Pistachios

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Alternaria Late Blight (<i>Alternaria</i> spp.)</p> <p>Panicle and Shoot Blight (<i>Botryosphaeria dothidea</i>)</p> <p>Septoria Leaf Spot (<i>S. pistaciarum</i>)</p>	<p>10 - 14 fl. oz.*</p>	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 14- to 21-day schedule, making no more than 2 sequential applications before alternating to another fungicide with a non- QoI (Group 11) mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>		
<p>* 10 - 14 fl. oz. fl. oz. contains 0.13– 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ol style="list-style-type: none"> 1) DO NOT exceed the maximum rate listed in this crop table above. 2) DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. 3) DO NOT apply at less than 14-day intervals. 4) DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. 5) DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. 6) DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. 7) DO NOT apply within 14 days of harvest (14-day PHI). 		

Potatoes

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Black Dot (<i>Colletotrichum coccodes</i>) Brown Spot (<i>Alternaria alternata</i>) Early Blight (<i>Alternaria solani</i>) Powdery Mildew (<i>Erysiphe cichoracearum</i>) Septoria Leaf Spot (<i>S. lycopersici</i>)	8 - 14 fl. oz.*	<p>Begin applications prior to disease development and continue throughout the season on a 7- to 14- day interval. Make no more than 2 consecutive applications before switching to another effective fungicide with a different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p> <p>The addition of a spreading/penetrating type adjuvant may enhance efficacy.</p>
Application: For best results, use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide may be applied by ground, chemigation, or aerial application.		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 3 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT apply more than 55.3 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 2.0 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 14 days of harvest (14-day PHI). 		

Rice

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Sheath Blight <i>(Rhizoctonia solani)</i> Aggregate Sheath Spot <i>(Rhizoctonia oryzae-sativae)</i> Black Sheath Rot <i>(Gaeumannomyces graminis var. graminis)</i> Sheath Spot <i>(Rhizoctonia oryzae)</i> Stem Rot <i>(Sclerotium oryzae)</i> Brown Leaf spot <i>(Cochliobolus miyabeanus)</i> Leaf Smut <i>(Entyloma oryzae)</i> Narrow Brown Leaf spot <i>(Cercospora oryzae)</i> Kernel Smut <i>(Neovossia barclayana)</i> Suppression of: False smut <i>(Ustilaginoidea virens)</i>	10 - 15 fl. oz.*	Apply 11.25-15 fl. oz. when disease is less than 4 inches above water line usually between panicle differentiation (PD) +5 days to PD +10 days or at initial sign of disease. For improved activity, add azoxystrobin at its labeled rate. Under heavy disease pressure and conditions favorable for disease development, use 15 fl. oz./A rate and a second application may be applied. Minimum re-treatment interval is 14 days AG37590 CS SC Fungicide may be applied to a ratooned crop for control of Sheath blight. For hybrids/varieties with partial resistance to sheath blight, the lower rate of 10 fl. oz./A may be used.
Panicle Blast <i>(Pyricularia grisea)</i>	15 fl. oz.*	AG37590 CS SC Fungicide must be applied as a preventative treatment for blast control and applied prior to favorable conditions for blast development. For panicle blast, an application is to be applied at mid-boot to boot-split but prior to full head emergence. A second application is to be made when panicles are approximately 60-90% emerged from the boot (14 days later).
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. For aerial applications, use a minimum of 5 gal/A of water. Applicators must use care in making applications near non-target aquatic habitats.		
<ul style="list-style-type: none"> 10 - 15 fl. oz. contains 0.13 – 0.196 lb. azoxystrobin and 0.08 – 0.123 lb. difenoconazole./A. RESTRICTIONS: <ul style="list-style-type: none"> DO NOT exceed the maximum rate listed in this crop table above. DO NOT apply more than 2 applications per year at the highest rate listed in this crop table above. DO NOT apply at less than 14-day intervals. DO NOT treat rice fields used for aquaculture of fish or crustacean. DO NOT apply when weather conditions favor drift from treated areas to non-target aquatic habitat. DO NOT allow release of irrigation or flood water for at least 14 days after the last application. DO NOT apply more than 30 fl. oz./A/year of AG37590 CS SC Fungicide. DO NOT exceed 0.281 lb. of azoxystrobin per application through any combination of products. DO NOT apply more than 0.7 lb. ai/A/year of azoxystrobin-containing products. DO NOT apply more than 0.244 lb. ai/A/year of difenoconazole-containing products. DO NOT apply AG37590 CS SC Fungicide within 28 days of harvest (28-day PHI). DO NOT drain water from treated rice fields into ponds used for aquaculture of fish or crustacean. DO NOT use water drained from treated field to irrigate other crops. 		

Soybean

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Aerial Blight (<i>Rhizoctonia solani</i>) Alternaria Leaf Spot (<i>Alternaria</i> spp.) Anthracnose (<i>Colletotrichum truncatum</i>) Brown Spot (<i>Septoria glycines</i>) Cercospora Blight and Leaf Spot (<i>C. kikuchii</i>) Frogeye Leaf Spot (<i>Cercospora sojina</i>) Pod and Stem Blight (<i>Diaporthe phaseolorum</i>) Powdery Mildew (<i>Microsphaera diffusa</i>) Rust (<i>Phakopsora</i> spp.)	8 - 14 fl. oz.*	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 7- to 10-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p>
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. For aerial applications, apply in a minimum of 2 gallons/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole/A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 1 application per year at the highest rate listed in this crop table above. • DO NOT apply at less than 14-day intervals. • DO NOT apply more than 26.5 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.22 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • DO NOT feed soybean hay, forage and silage to livestock. • DO NOT apply within 14 days of harvest (14-day PHI). 		

Stone Fruit Crop Group 12-12: Apricot; apricot, Japanese; capulin; cherry, black; cherry, Nanking; cherry, sweet; cherry, tart; Jujube, Chinese; nectarine; peach; plum; plum, American; plum, beach; plum, Canada; plum, cherry; plum, Chickasaw; plum, Damson; plum, Japanese; plum, Klamath; plum, prune; plumcot; sloe; and including all cultivars and/or hybrids of these.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Alternaria Spot and Fruit Rot (<i>A. alternata</i>)</p> <p>Anthracnose (<i>Colletotrichum</i> spp.)</p> <p>Brown Rot Blossom Blight and Fruit Rot (<i>Monilinia fructicola</i>, <i>M. laxa</i>)</p> <p>Leaf Rust (<i>Tranzschelia discolor</i>)</p> <p>Powdery Mildew (<i>Sphaerotheca pannosa</i>, <i>Podosphaera clandestina</i>)</p> <p>Scab (<i>Cladosporium carpophilum</i>)</p> <p>Shot Hole (<i>Wilsonomyces carpophilus</i>)</p>	<p>8 - 14 fl. oz.*</p>	<p>For brown rot blossom blight, begin applications at early bloom and continue through petal fall.</p> <p>For brown rot on fruit, apply as needed a maximum of two sprays during the pre-harvest period up to the day of harvest (minimum of a 7-day retreatment interval). If high inoculum and severe disease conditions persist, apply a registered fungicide that is non-Group 11 or non-Group 9.</p> <p>Follow the brown rot blossom blight schedule. Make additional applications on a 10- to 14-day interval from the end of petal fall to harvest.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Stone fruit diseases are most effectively controlled by ground applications. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. • AG37590 CS SC Fungicide may be applied on the day of harvest (0-day PHI). 		

Sugar Beets

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Cercospora Leaf Spot (<i>C. beticola</i>)</p> <p>Powdery Mildew (<i>Erysiphe polygoni</i>)</p>	<p>10 - 14 fl. oz.*</p>	<p>Begin applications prior to disease development and continue throughout the season on a 10- to 21- day interval. Make no more than 2 consecutive applications before switching to another effective fungicide with a different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic surfactant or crop oil concentrate or blend is advised when applying by ground or air.</p>
<p>Application: For best results, use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide may be applied by ground, chemigation, or aerial application.</p>		
<p>* 10 - 14 fl. oz. fl. oz. contains 0.13– 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 3 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 10-day intervals. • DO NOT apply more than 55.3 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 2.0 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply within 7 days of harvest (7-day PHI). 		

Tomatoes: Bush tomato; Cocona; Currant tomato; Garden huckleberry; Goji berry; Groundcherry; Naranjilla; Sunberry; Tomatillo; Tomato; Tree tomato; including all cultivars and/or hybrids of these.

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Anthracnose (<i>Colletotrichum</i> spp.)</p> <p>Black Mold (<i>A. alternata</i>)</p> <p>Early Blight (<i>Alternaria solani</i>)</p> <p>Gray Leaf Spot (<i>Stemphylium botryosum</i>)</p> <p>Leaf Mold (<i>Fulvia fulva</i>)</p> <p>Powdery Mildew (<i>Leveillula taurica</i>)</p> <p>Septoria Leaf Spot (<i>S. lycopersici</i>)</p> <p>Target Spot (<i>Corynespora cassicola</i>)</p>	<p>7.5 – 8 fl. oz.*</p>	<p>Begin applications prior to disease development and continue throughout the season on a 7- to 10- day interval. Make no more than 2 consecutive applications before switching to another effective fungicide with a different mode of action.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p> <p>Use of Adjuvants: Under certain weather conditions (particularly high temperatures) AG37590 CS SC Fungicide in combination with high rates of silicone- based or oil containing (petroleum or crop) additives or adjuvants may cause injury. DO NOT exceed 0.125% adjuvant (v/v). Consult an Aceto Life Sciences, L.L.C. d/b/a Actylis representative for more information concerning additives or adjuvants.</p> <p>A tank mixture with Dimethoate may cause crop injury.</p> <p>On fresh market tomatoes, DO NOT use adjuvants or tank mix AG37590 CS SC Fungicide with any EC product.</p>
<p>Application: For best results, use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide may be applied by ground, chemigation, or aerial application.</p>		
<p>* 7.5 - 8 fl. oz. contains 0.09 – 0.10 lb. azoxystrobin and 0.06 – 0.07 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 5 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT apply more than 47 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply until 21 days after transplanting or 35 days after seeding. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 0.6 lb. ai/A/year of azoxystrobin-containing products. • May be applied the day of harvest (0-day PHI). 		

Tree Nuts Crop Group 14-12: African nut-tree; almond; beechnut; Brazil nut; Brazilian pine; bunya; bur oak; butternut; Cajou nut; candlenut; cashew; chestnut; chinquapin; coconut; coquito nut; dika nut; ginkgo; Guiana chestnut; hazelnut (filbert); heartnut; hickory nut; Japanese horse-chestnut; macadamia nut; mongongo nut; monkey-pot; monkey puzzle nut; Okari nut; Pachira nut; peach palm nut; pecan; pequi; Pili nut; pine nut; pistachio; Sapucaia nut; tropical almond; walnut, black; walnut, English; yellowhorn; cultivars, varieties, and/or hybrids of these.

See specific Directions for **Almonds, Filberts, Pecans, Pistachios.**

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Foliar Diseases	10 - 14 fl. oz.*	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply AG37590 CS SC Fungicide on a 14- to 21-day schedule making no more than 2 sequential applications before alternating to another fungicide with a non- QoI (Group 11) mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>		
<p>* 10 - 14 fl. oz. fl. oz. contains 0.13– 0.18 lb. azoxystrobin and 0 .08 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 14-day intervals. • DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 1.2 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 45 days of harvest (45-day PHI). 		

Vegetables, Tuberous and Corm, Subgroup 1C: Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Canna (Edible), Cassava (bitter and sweet), Chayote (root), Chufa, Dasheen , Ginger, Leren, Potato, Sweet Potato, Tanier, Tumeric, Yam (bean and true).

See **Potatoes** for specific use directions

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
<p>Ascochyta Leaf Spot (<i>A. cynarae</i>)</p> <p>Black Dot (<i>Colletotrichum coccodes</i>)</p> <p>Brown Spot (<i>Alternaria alternata</i>)</p> <p>Early Blight (<i>Alternaria</i> spp.)</p> <p>Powdery Mildew (<i>Erysiphe cichoracearum</i>)</p> <p>Rust (<i>Uromyces betae</i>, <i>Puccinia helianthi</i>)</p> <p>Septoria Leaf Spot (<i>Septoria</i> spp.)</p>	<p>8 - 14 fl. oz.*</p>	<p>Begin applications prior to disease development and continue throughout the season on a 7- to 14- day interval. Make no more than 2 consecutive applications before switching to another effective fungicide with a different mode of action.</p> <p>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is advised.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p> <p>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</p> <p>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</p> <p>The addition of a spreading/penetrating type adjuvant may enhance efficacy.</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. Use a minimum of 15 gal/A for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>		
<p>* 8 - 14 fl. oz. fl. oz. contains 0.10– 0.18 lb. azoxystrobin and 0.07 – 0.11 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 3 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 7-day intervals. • DO NOT apply more than 55.3 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply more than 2.0 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply within 14 days of harvest (14-day PHI). 		

Watercress [**]

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Cercospora leafspot (<i>Cercospora</i> spp.)	10 - 14 fl. oz.*	<p>For best activity, apply AG37590 CS SC Fungicide prior to or early in the disease development. An adjuvant may be added at specified rates. Apply on a 7-14 day interval. For applications made to watercress, production fields must be drained of water at least 24 hours prior to application and water must not be reapplied to the field for a minimum of 24 hours following the application.</p> <p>DO NOT apply more than two sequential applications before alternating to a fungicide with a different mode of action.</p>
<p>Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground, chemigation, or aerial application. For aerial applications, use a minimum of 5 gal/A of water. Applicators must use care in making applications near non-target aquatic habitats.</p>		
<p>*10 – 14 fl. oz. contains 0.13 – 0.18 lb. azoxystrobin and 0.08 – 0.11 lb. difenoconazole/A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> DO NOT exceed the maximum rate listed in this crop table above. DO NOT apply more than 4 applications per year at the highest rate listed in this crop table above. DO NOT apply at less than 7-day intervals. DO NOT apply directly to water and DO NOT allow water in a treated field for at least 24 hours. DO NOT apply more than 56 fl. oz./A/year of AG37590 CS SC Fungicide. DO NOT apply more than 0.46 lb. ai/A/year of difenoconazole-containing products. DO NOT apply more than 1.5 lb. ai/A/year of azoxystrobin-containing products. DO NOT apply more than 0.75 lb. ai of azoxystrobin-containing products per acre per cutting. DO NOT apply AG37590 CS SC Fungicide within 30 days of harvest (30-day PHI). <p>[** Not registered for use by California]</p>		

Wild Rice

DISEASE CONTROLLED	RATE AG37590 CS SC Fungicide /ACRE	APPLICATION INSTRUCTIONS
Helminthosporium leaf blight Brown Spot (<i>Bipolaris</i> spp.)	15 fl. oz.*	Apply 8.3 fl. oz./A at both booting and heading. Minimum re-treatment interval is 14 days.
Application: Use sufficient water volume to provide thorough coverage. AG37590 CS SC Fungicide can be applied by ground or aerial application. For aerial applications, use a minimum of 5 gal/A of water. Applicators must use care in making applications near non-target aquatic habitats.		
<p>* 15 fl. oz. contains 0.123 lb. azoxystrobin and 0.196 lb. difenoconazole./A.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • DO NOT exceed the maximum rate listed in this crop table above. • DO NOT apply more than 2 applications per year at the highest rate listed in this crop table above. • DO NOT apply at less than 14-day intervals. • DO NOT treat rice fields used for aquaculture of fish or crustacean. • DO NOT apply when weather conditions favor drift from treated areas to non-target aquatic habitat. • DO NOT allow release of irrigation or flood water for at least 14 days after the last application. • DO NOT apply more than 30 fl. oz./A/year of AG37590 CS SC Fungicide. • DO NOT apply more than 0.7 lb. ai/A/year of azoxystrobin-containing products. • DO NOT apply more than 0.244 lb. ai/A/year of difenoconazole-containing products. • DO NOT apply AG37590 CS SC Fungicide within 28 days of harvest (28-day PHI). • DO NOT drain water from treated rice fields into ponds used for aquaculture of fish or crustacean. • DO NOT use water drained from treated field to irrigate other crops. 		

AG37590 CS SC Fungicide Rate Conversion Table

Fl. Oz. product/acre	Lb. ai azoxystrobin	Lb. ai difenoconazole
7.5	0.098	0.062
8	0.10	0.07
10	0.12	0.08
11.6	0.15	0.095
12	0.16	0.10
14	0.18	0.11
15	0.196	0.123
15.4	0.20	0.13
26.5	0.35	0.22
28	0.37	0.23
30	0.39	0.25
34.8	0.45	0.29
42	0.55	0.34
47	0.61	0.39
55.3	0.72	0.45
56	0.73	0.46
61.5	0.80	0.50

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in original container only. Store in a cool, dry and well-ventilated place. Protect from excessive heat. Keep container closed when not in use. **DO NOT** store near food or feed.

Pesticide Disposal

Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Handling [less than or equal to 5 gallons]

Non-refillable container. DO NOT reuse or refill this container. Triple 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 $\frac{1}{4}$ 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [greater than 5 gallons – mini-bulk]

Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [greater than 5 gallons – bulk]

Refillable container. Refill this container with pesticide only. **DO NOT** reuse the container for any other purpose. Cleaning 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 clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.

WARRANTY DISCLAIMER AND NOTICE

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container 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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aceto Life Sciences, L.L.C. d/b/a Actylis. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

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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

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[Option marketing and non-FIFRA label statements]

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

[Shake Well Before Using]

[Peel Down for Directions]