

AZOXYSTROBIN	GROUP	11	FUNGICIDE
PROPICONAZOLE	GROUP	3	FUNGICIDE

Zurita™ XL

Contains azoxystrobin + propiconazole, the active ingredients used in Quilt Xcel®.

Broad-spectrum fungicide for control of plant diseases.

ACTIVE INGREDIENTS:	(% by weight)
Azoxystrobin	13.5%
Propiconazole.....	11.7%
OTHER INGREDIENTS:.....	74.8%
TOTAL:	100.0%

A liquid soluble concentrate formula that contains 1.02 lb. a.i. propiconazole and 1.18 lb. a.i. azoxystrobin per gallon.

EPA Reg. No.: 93930-19

KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

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.)

See below for additional Precautionary Statements.

FIRST AID	
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. • Call a poison control center or doctor for treatment advice.
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 inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-984-465-4791 for emergency medical treatment information.	

For Chemical Emergency: Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night Within USA and Canada:
1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

Zurita™ XL is not manufactured or distributed by Syngenta, seller of Quilt Xcel®.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING/AVISO

Causes substantial but temporary eye injury. Harmful if swallowed. Harmful if inhaled. Do not get in eyes or on clothing. Wear appropriate protective eyewear such as goggles, face shield, or safety glasses. Avoid contact with skin or clothing. Avoid breathing vapors. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Protective eyewear
- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

USER SAFETY REQUIREMENTS

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow the 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.

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

Azoxystrobin can be persistent for several months or longer. Azoxystrobin has degradation products which have properties similar to chemicals which are known to leach through soil to ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in ground water contamination.

Azoxystrobin and propiconazole are toxic to freshwater and estuarine/marine fish; and azoxystrobin is toxic to aquatic invertebrates. Do not apply directly to water except as specified on this label. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Notify state and/or Federal authorities and Avalaire, LLC immediately if you observe any adverse environmental effects due to use of this product.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow to come into contact with oxidizing agents. 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.

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

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), notification to workers, 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:

- Protective eyewear
- Coveralls
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

PRODUCT USE RESTRICTIONS

DO NOT use in nurseries, greenhouses or landscape plantings.

PRODUCT INFORMATION

Zurita XL is a broad-spectrum, preventative fungicide with systemic and curative properties advised for the control of many important plant diseases. **Zurita XL** may improve the yield and/or quality of the crop. These additional benefits are due to positive effects on plant physiology. The effects may vary according to other factors such as the crop, crop hybrid, or environment. **Zurita XL** may be applied as a foliar spray in alternating spray programs or in tank mixes with other crop protection products. All applications must be made according to the use directions that follow.

PRODUCT USE INSTRUCTIONS

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

Adjuvants: For some uses on this label, a spreading/penetrating type adjuvant such as a non-ionic surfactant, crop oil concentrate, or blend may be added at the manufacturer's specified rates. Adjuvants that contain some form of silicone can contribute to phytotoxicity. When an adjuvant is 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.

Crop Resistance/Phytotoxicity: Zurita XL demonstrates some phytotoxic effects when mixed with products that are formulated as ECs. These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone can contribute to phytotoxicity. Under certain environmental conditions, tank mixes of Zurita XL plus herbicides and/or fertilizers may cause crop injury in barley, triticale and wheat.

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

Integrated Pest Management: Integrate Zurita XL into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development must be followed. The **SPECIFIC USE DIRECTIONS** section in this label identifies specific IPM specifications for each crop. Consult your local agricultural authorities for additional IPM strategies established for your area. Zurita XL 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

For resistance management, please note that Zurita XL contains both a Group 11 (Azoxystrobin) and Group 3 (Propiconazole) fungicide. Any fungal population may contain individuals naturally resistant to Zurita XL 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.

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

- Rotate the use of Zurita XL or other Group 11 and Group 3 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal 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 Avalaire, LLC. You can also contact your pesticide distributor or university extension specialist to report resistance.

Rotational Crops:	
Rotational Crops	Planting Time From Last Zurita XL Application
Bulb crops Carrots Celery (and other leaf petiole crops - subgroup 4B) Cereals (wheat, barley, triticale) Corn (field, seed, popcorn, and sweet) Grasses grown for seed Mint Oats Peanuts Rice Rye Sorghum Soybeans Strawberries Sugar beets Wild rice	0 days
Buckwheat Millet	12 months
Alfalfa (if propiconazole rate does not exceed 0.22 lb. a.i./acre/year)	75 days
All Other Crops Intended for Food and Feed	105 days

MANDATORY SPRAY DRIFT

Aerial Applications

- Do not release spray at a height greater than 10 ft. above the ground or 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 1/2 swath displacement upwind at the downwind edge of the field.
- Do not apply during temperature inversions.

Ground Boom Applications

- User must only apply with the release height recommended by the "Ground Boom Applications" 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 increases 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.

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR.

ATTENTION

Zurita XL is extremely phytotoxic to certain apple varieties. AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

DO NOT spray **Zurita XL** 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 **Zurita XL** to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

MIXING AND APPLICATION METHODS

Zurita XL 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.

Spray Equipment

Nozzles

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles must 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 must 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:
 1. Maintain 35 - 40 psi at nozzles.
 2. Provide sufficient agitation in tank to keep mixture in suspension. Use a jet agitator or liquid sparge tube for agitation.

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

Mixing Instructions

- **Zurita XL** is a suspoemulsion (SE) 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.

Zurita XL Alone (no tank mix)

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add **Zurita XL** to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after **Zurita XL** has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

Zurita XL + Tank Mixtures:

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.

Zurita XL is usually compatible with all tank-mix partners listed on this label. Do not combine **Zurita XL** in the spray tank with pesticides, surfactants, or fertilizers unless compatibility charts or your own prior use has shown that the combination is physically compatible, effective, and non-injurious to the crop under your conditions of use. To determine the physical compatibility of **Zurita XL** 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 (which includes suspoemulsions), followed by emulsifiable concentrates and additives/adjuvants 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.

Mixing in the Spray Tank

- Add 1/2 to 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 in the **Zurita XL + Tank Mixtures** section.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and the **Zurita XL** to the spray tank.
- Allow **Zurita XL** 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.
- No label dosage rate may be exceeded, and the most restrictive label directions and limitations must be followed.
- This product may not be mixed with any product which prohibits such mixing.

Application Instructions

Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. Do not apply in a manner that will result in exposure to humans or animals.

Ground Application

- For field crops (non-trees), apply in a minimum of 10 gallons of water per acre unless specified otherwise.
- For tree crops, apply in a minimum of 50 gallons of water per acre unless specified otherwise.
- Thorough coverage is necessary to provide good disease control.

Aerial Application

- Use only on crops where aerial applications are indicated.
- For field crops (non-trees), apply in a minimum spray volume of 2 gallons per acre unless specified otherwise.
- For ULV applications (corn), apply in a minimum spray volume of 1 gallon per acre. For ULV applications, thorough coverage is necessary to provide good results. Please refer to the **Application Instructions** section for details regarding best practices to achieve good coverage.
- For tree crops, apply in a minimum of 10 gallons of water per acre unless specified otherwise.
- Thorough coverage is necessary to provide good disease control.
- **Zurita XL** is extremely phytotoxic to certain apple varieties.

- AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).
- **DO NOT** spray **Zurita XL** where spray drift may reach apple trees.

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 0.125 - 0.25 inches per acre of water. Excessive water may reduce efficacy.
- If you have questions about calibration 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 as the need arise.

Spray Preparation: Chemical tank and injector system must be thoroughly cleaned. Flush system with clean water.

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. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. 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.
 8. **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.
- Restriction:** **DO NOT** apply when wind speed favors drift beyond the area intended.

Center Pivot Irrigation Equipment

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

- Determine the size of the area to be treated.
- Determine the time required to apply 0.125 - 0.25 inches per acre of water over the entire area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying **Zurita XL** 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 **Zurita XL** required to treat the area covered by the irrigation system.
- Add the required amount of **Zurita XL** 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 **Zurita XL** 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 **Zurita XL** 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 **Zurita XL** through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of **Zurita XL** required to treat the area covered by the irrigation system.
- Add the required amount of **Zurita XL** 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 **Zurita XL** 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 (RPZ), back-flow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system need 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.

SPECIFIC DIRECTIONS FOR USE

ALMONDS		
Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Brown Rot Blossom Blight (<i>Monilinia</i> spp.)	14 - 26	Apply Zurita XL at early bloom stage. If disease pressure is low, make a second application of 14 fl. oz./A as needed through petal fall. Under conditions of high disease pressure and/or very susceptible varieties, make applications as needed at 50 - 75% bloom and petal fall. Zurita XL may be used on only 2 blossom blight applications. Orbit® Fungicide may be used for one of these applications.
Alternaria Leaf Spot (<i>A. alternata</i>) Anthracnose (<i>Colletotrichum acutatum</i>) Leaf Blight (<i>Seimatosporium lichenicola</i>) Leaf Rust (<i>Tranzschelia discolor</i>) Scab (<i>Cladosporium carpophilum</i>) Shothole (<i>Wilsonomyces carpophilus</i>)	17.5 - 26	Apply Zurita XL beginning at bud break on a 7- to 14-day interval. Make no more than 2 consecutive applications before switching to a non-Group 11 fungicide.

NOTE: Almond diseases are more effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage.

APPLICATION METHOD: **Zurita XL** must be applied by ground or by air (minimum of 15 gal./A). Use aerial application if necessary but disease control may be reduced. Apply **Zurita XL** by air only at growth stages prior to and including 5 weeks after petal fall.

ALMOND USE RESTRICTIONS:

1. **DO NOT** apply more than 112 fl. oz./A of **Zurita XL** (1.04 lb. a.i. azoxystrobin and 0.88 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.9 lb. a.i. of propiconazole-containing products/A/year.
3. **DO NOT** apply more than 1.5 lb. a.i. of azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 26 fl. oz./A of **Zurita XL** (0.24 lb. a.i. azoxystrobin and 0.21 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
6. **DO NOT** apply more than 8 applications/A/year when applied at reduced rates.
7. **DO NOT** graze livestock in treated areas or cut treated cover crop for feed.
8. **DO NOT** apply within 60 days of harvest (60-day PHI).

BANANAS, PLANTAINS		
Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Black Sigatoka (<i>Mycosphaerella fijiensis</i>) Yellow Sigatoka (<i>Mycosphaerella musicola</i>)	10.5	Apply Zurita XL before disease symptoms appear at the onset of the rainy season. Apply 10.5 fl. oz. of Zurita XL /A in 10 - 20 gallons of water/A. Apply no more than 2 consecutive applications on a 21- to 25-day schedule before rotating to another labeled product with a different mode of action for at least 2 sprays. A maximum of 8 applications can be made. If possible, it is advised to have at least 2 consecutive months 'triazole free' during the period of lower disease pressure.

APPLICATION METHOD: Apply **Zurita XL** by ground (minimum of 15 gal./A) or aerial application (minimum of 5 gal./A).

(continued)

BANANA & PLANTAIN USE RESTRICTIONS:

1. **DO NOT** apply more than 84 fl. oz. of **Zurita XL** (0.78 lb. a.i. azoxystrobin and 0.67 lb. a.i. propiconazole) per year (this includes any pre-harvest sprays).
2. **DO NOT** apply more than 0.67 lb. a.i. propiconazole-containing products/A/year.
3. **DO NOT** apply more than 1.08 lb. a.i. azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 10.5 fl. oz./A of **Zurita XL** (0.10 lb. a.i. azoxystrobin and 0.08 lb. a.i. propiconazole) in a single application.
5. **DO NOT** apply more than 8 applications/A/year.
6. **Minimum Retreatment Interval:** 21 days
7. **DO NOT** apply **Zurita XL** within 100 yards of non-bagged bananas.
8. **DO NOT** apply **Zurita XL** on bananas unless they are protected by polyethylene bags.
9. **DO NOT** apply **Zurita XL** on plantains if the fruit present are not protected with polyethylene bags.
10. **DO NOT** feed whole bananas and plantains to animals.

BEANS, DRY and SUCCULENT

Bean (*Cicer arietinum*), (*Lupinus spp.*), (*Phaseolus sod*), (*Vigna spp.*), (*Vicia faba*)

See below for complete list of dry and succulent beans.

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Alternaria Blight Alternaria Leaf Spot <i>(Alternaria alternata)</i> Anthracnose <i>(Colletotrichum lindemuthianum)</i> Ascochyta Blight <i>(Mycosphaerella pinodes)</i> Ascochyta Leaf and Pod Spot <i>(Ascochyta spp.)</i> Ascochyta Leaf Spot <i>(Ascochyta phaseolorum)</i> Bean Rust <i>(Uromyces appendiculatus)</i> Rust <i>(Phakopsora spp.)</i> Southern Blight <i>(Sclerotium rolfii)</i> Web Blight <i>(Rhizoctonia solani)</i>	14	Apply when conditions are conducive for disease. Up to three applications can be made on a 7 - 14 day interval. NOTE: On certain bean varieties azoxystrobin application can cause crinkled and/or greener leaves. Yields of beans displaying these characteristics have not been reduced.

Dry and Succulent Beans: *Cicer arietinum* (chickpea garbanzo bean); *Lupinus spp.* (including sweet lupine, white sweet lupine, white lupine and grain lupine). *Phaseolus spp.* (including kidney bean, lima bean, mung bean, navy bean, pinto bean, snap bean and waxbean). *Vicia faba* (broad bean fava bean); *Vigna spp.* (including asparagus, bean, blackeyed pea and cowpea).

APPLICATION METHOD: Apply **Zurita XL** by ground or air.

BEAN USE RESTRICTIONS:

1. Not for use on cowpea cultivars intended for livestock feeding only.
2. **DO NOT** apply more than 42 oz. of **Zurita XL**/crop/A (0.39 lb. a.i. azoxystrobin and 0.33 lb. a.i. propiconazole).
3. **DO NOT** apply more than 0.34 lb. a.i. of propiconazole containing products/A/year.
4. **DO NOT** apply more than 1.5 lb. a.i. of azoxystrobin containing products/A/year.
5. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
6. **Minimum Retreatment Interval:** 7 days
7. **DO NOT** apply more than 3 applications/A/year.
8. **DO NOT** apply within 7 days of harvest (7 day PHI) for succulent beans.
9. **DO NOT** apply within 14 days of harvest (14 day PHI) for dry beans.

BERRIES, BUSHBERRY SUBGROUP

Blueberry (high and low bush), Cranberry, Highbush, Currant, Black Currant, Red Elderberry, Gooseberry Including all cultivars and/or hybrids of these.
See below for complete list of bushberry subgroup.

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Botryosphaeria Canker (<i>Botryosphaeria</i> spp.) Leaf Spot and Stem Canker (<i>Septoria albopunctata</i>) Leaf Spot (<i>Septoria</i> spp.) Mummyberry (<i>Monilinia vaccinii corymbosi</i>) Phomopsis Twig Blight, Fruit Rot, and Stem Canker (<i>P. vaccinii</i>) Powdery Mildew (<i>Microsphaera vaccinii</i>) Rust (<i>Pucciniastrum vaccinii</i>)	14 - 21	For mummyberry make the first application of Zurita XL beginning at green tip and repeat in 7 to 10 days if conditions are favorable for disease development make an additional application at pink bud and repeating every 7 to 10 days through petal fall. DO NOT apply more than 2 consecutive applications before alternating to a non Group 11 containing fungicide. For other diseases listed, apply Zurita XL prior to disease development and continue throughout the season on a 7 to 14 day interval. Make no more than two consecutive sprays before alternating to a non Group 11 fungicide. Make no more than 3 applications per crop of Zurita XL or other fungicides.

Bushberry Subgroup: 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

APPLICATION METHOD: Apply **Zurita XL** by ground or by air (minimum of 15 gal./A).

BUSHBERRY USE RESTRICTIONS

1. **DO NOT** apply more than 82 fl. oz./A/year of **Zurita XL** (0.75 lb. a.i. azoxystrobin and 0.65 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.84 lb. a.i. of a propiconazole containing product/A/year.
3. **DO NOT** apply more than 0.75 lb. a.i. azoxystrobin containing product/A/year on bushberries.
4. **DO NOT** apply more than 21 fl. oz./A of **Zurita XL** (0.19 lb. a.i. azoxystrobin and 0.17 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 7 days
6. **DO NOT** apply more than 5 applications/A/year when applied at reduced rates.
7. **DO NOT** apply within 30 days of harvest (30 day PHI).

BERRIES, CANEBERRY SUBGROUP

Blackberry, Bingleberry, Boysenberry, Dewberry, Raspberry, red and black, Wild Raspberry Including all cultivars and/or hybrids of these.
See below for additional types of caneberries*.

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Anthracnose (<i>Sphaceloma necator</i> , <i>Elsinoe veneta</i>) Botryosphaeria Canker (<i>B. dothidea</i>) Leaf and Cane Spot (<i>Septoria rubi</i>) Leaf Spot (<i>Septoria</i> spp.) Powdery Mildew (<i>Sphaerotheca macularis</i>) Rosette or Double Blossom of Blackberries (<i>Cercospora rubi</i>) Rust (<i>Phragmidium violaceum</i>)	14 - 21	Zurita XL applications must begin prior to disease development and continue throughout the season on a 14-day interval. Make no more than two consecutive sprays before alternating to a non-Group 11 fungicide. Make no more than 3 applications per crop of Zurita XL or other Group 11 fungicides.

* Other Caneberries in Subgroup: Loganberry, Lowberry, Marionberry, Olallieberry and Youngberry

APPLICATION METHOD: Apply **Zurita XL** by ground or by air (minimum of 15 gal./A).

CANEBERRY USE RESTRICTIONS:

1. **DO NOT** apply more than 105 fl. oz./A of **Zurita XL** (0.97 lb. a.i. azoxystrobin and 0.84 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.84 lb. a.i. of a propiconazole-containing product/A/year.
3. **DO NOT** apply more than 1.5 lb. a.i. of an azoxystrobin-containing product/A/year on caneberries.
4. **DO NOT** apply more than 21 fl. oz./A of **Zurita XL** (0.19 lb. a.i. azoxystrobin and 0.17 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 14 days
6. **DO NOT** apply more than 7 applications/A/year when applied at reduced rates.
7. **DO NOT** apply within 30 days of harvest (30-day PHI).

BULB VEGETABLES

Dry Bulb, Garlic, Onions (dry bulb), Shallots (dry bulb)
Green, Leeks, Onions (green), Shallots (green)

Including all cultivars and/or hybrids of these. See below for complete list of bulb vegetables.

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Cladosporium Leaf Blotch (<i>C. allii</i>) Purple Blotch (<i>Alternaria porri</i>) Rust (<i>Puccinia allii</i>)	14 - 21	Begin applications when conditions favor disease development and continue on a 7- to 10-day interval. Use the higher rate and shorter interval when disease conditions are severe. Make only 1 application before alternating to a non-Group 11 fungicide.
Botrytis Leaf Blight (<i>B. squamosa</i>) Downy Mildew (<i>Peronospora destructor</i>) White Rot (<i>Sclerotium cepivorum</i>)	17.5 - 26	

Complete List of Bulb Vegetables: 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.

APPLICATION METHOD: Apply **Zurita XL** by ground (15 gal./A minimum) or aerial application (minimum of 5 gal./A).

NOTE: Mixing with products formulated as an EC can result in phytotoxicity.

BULB VEGETABLE USE RESTRICTIONS:

1. **DO NOT** apply more than 56 fl. oz./A/year of **Zurita XL** (0.52 lb. a.i. azoxystrobin and 0.44 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.45 lb. a.i. of propiconazole-containing products/A/year.
3. **DO NOT** apply more than 1.5 lb. a.i. of azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 26 fl. oz./A of **Zurita XL** (0.24 lb. a.i. azoxystrobin and 0.21 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 7 days
6. **DO NOT** apply more than 4 applications/A/year when applied at reduced rates.
7. **DO NOT** apply within 14 days of harvest (14-day PHI) on dry bulb onions.

CARROTS

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Alternaria Leaf Blight <i>(Alternaria dauci)</i> Early Blight <i>(Cercospora carotae)</i> Powdery Mildew <i>(Erysiphe polygoni)</i>	14	Apply Zurita XL when conditions favor disease development. Continue applications on a 7- to 10-day interval, using the shorter interval when disease conditions are severe. Make no more than one application before alternating to a non-Group 11 fungicide.

APPLICATION METHOD: Apply **Zurita XL** by ground (15 gal./A minimum) or aerial application (minimum of 5 gal./A).

CARROTS USE RESTRICTIONS:

1. **DO NOT** apply more than 56 fl. oz./A of **Zurita XL** (0.52 lb. a.i. azoxystrobin and 0.44 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.45 lb. a.i. of propiconazole-containing products/A/year.
3. **DO NOT** apply more than 2.0 lb. a.i. of azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 7 days
6. **DO NOT** apply more than 4 applications/A/year.
7. **DO NOT** apply within 14 days of harvest (14-day PHI).

CELERY

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Early Blight <i>(Cercospora apii)</i> Late Blight <i>(Septoria apiicola)</i>	14	Apply Zurita XL on a 7- to 10-day schedule in alternation with propiconazole containing products or another product with a different mode of action than Group 11 fungicides.

APPLICATION METHOD: Apply **Zurita XL** by ground, air (5 gal./A minimum) or chemigation.

CELERY USE RESTRICTIONS:

1. **DO NOT** apply more than 56 fl. oz./A (0.52 lb. a.i. azoxystrobin and 0.44 lb. a.i. propiconazole).
2. **DO NOT** apply more than 0.45 lb. a.i. propiconazole containing products/A/year.
3. **DO NOT** apply more than 1.5 lb. a.i. azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 7 days
6. **DO NOT** apply more than 4 applications/A/year.
7. **DO NOT** apply within 14 days of harvest (14-day PHI).

CEREALS, WHEAT

See next section for other cereals.

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Early season suppression of: Glume Blotch <i>(Stagonospora nodorum)</i> Leaf Blight <i>(Septoria tritici)</i> Powdery Mildew <i>(Blumeria spp., Erysiphe spp.)</i> Tan Spot <i>(Pyrenophora tritici-repentis)</i>	7 - 14	Apply Zurita XL in the spring for suppression of early season diseases. Follow up with a second application (see below) for full season control. Flecking and burning can occur if you mix with fertilizers and herbicides at this timing. Under certain environmental conditions, tank mixes of Zurita XL plus herbicides and/or fertilizers can cause crop injury.
Control of Leaf Diseases: Glume Blotch <i>(Stagonospora nodorum)</i> Helminthosporium Leaf Blight <i>(Drechslera tritici-repentis)</i> Leaf Blight <i>(Septoria tritici)</i> Powdery Mildew <i>(Blumeria spp., Erysiphe spp.)</i> Rust <i>(Puccinia spp.)</i> Spot Blotch <i>(Bipolaris sorokiniana)</i> Tan Spot <i>(Pyrenophora tritici-repentis)</i>	10.5 - 14	Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained when Zurita XL is applied when the flag leaf is 50% to fully emerged. Applications must not be made any closer than a 14-day interval. Zurita XL can be applied through full head emergence (Feekes growth stage 10.5). DO NOT apply after this stage to avoid possible illegal residues. Under certain environmental conditions, tank mixes of Zurita XL plus herbicides and/or fertilizers can cause crop injury.
Foot Rot/Eyespot <i>(Tapesia spp.)</i>	14	Apply full rate of Zurita XL plus half the rate specified on other EPA-registered fungicides such as Topsin® M. Apply at tillering but before elongation has occurred. Under certain environmental conditions, tank mixes of Zurita XL plus herbicides and/or fertilizers can cause crop injury.

NOTE: **Zurita XL** is most effective when applied and allowed to dry before a rainfall. For best results, sufficient coverage is very important. Use a higher water volume for aerial application (greater than 2 GPA) if equipment and/or conditions would not provide good coverage.

APPLICATION METHOD: Apply **Zurita XL** by ground, air, or chemigation.

WHEAT USE RESTRICTIONS:

1. **DO NOT** apply more than 28 fl. oz./A of **Zurita XL** (0.26 lb. a.i. azoxystrobin and 0.22 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.22 lb. a.i. propiconazole-containing products/A/year.
3. **DO NOT** apply more than 0.40 lb. a.i. azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
6. **DO NOT** apply more than 2 applications/A/year at the highest rate.
7. **DO NOT** apply after Feekes 10.54.
8. **DO NOT** apply within 7 days of harvest (7-day PHI) for forage and hay.

CEREALS, BARLEY, OATS, RYE, TRITICALE

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Early season suppression of: Glume Blotch <i>(Stagonospora nodorum)</i> Leaf Blight <i>(Septoria tritici)</i> Powdery Mildew <i>(Blumeria spp., Erysiphe spp.)</i> Tan Spot <i>(Pyrenophora tritici-repentis)</i>	7 - 14	Apply Zurita XL in the spring for suppression of early season diseases. Follow up with a second application (see below) for full season control. Flecking and burning can occur if you mix with fertilizers and herbicides at this time. Under certain environmental conditions, tank mixes of Zurita XL plus herbicides and/or fertilizers can cause crop injury.
Control of Leaf Diseases: Barley Scald <i>(Rhynchosporium secalis)</i> Barley Stripe <i>(Pyrenophora graminea)</i> Glume Blotch <i>(Stagonospora nodorum)</i> Helminthosporium Leaf Blight <i>(Drechslera tritici-repentis)</i> Kernel Blight <i>(Alternaria spp.)</i> Leaf Blight <i>(Septoria tritici)</i> Net Blotch <i>(Pyrenophora teres)</i> Powdery Mildew <i>(Blumeria spp., Erysiphe spp.)</i> Rust <i>(Puccinia spp.)</i> Spot Blotch <i>(Bipolaris sorokiniana)</i> Tan Spot <i>(Pyrenophora tritici-repentis)</i>	10.5 - 14	Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained when Zurita XL is applied when the flag leaf is 50% to fully emerged. Applications must not be made no closer together than a 14-day interval. Under certain environmental conditions, tank mixes of Zurita XL plus herbicides and/or fertilizers can cause crop injury.
Foot Rot/Eyespot <i>(Tapesia spp.)</i>	14	Apply full rate of Zurita XL plus half the rate specified on other EPA-registered fungicides such as Topsin M. Apply at tillering but before elongation has occurred. Under certain environmental conditions, tank mixes of Zurita XL plus herbicides and/or fertilizers can cause crop injury.

NOTE: **Zurita XL** is most effective when applied and allowed to dry before a rainfall. For best results, sufficient coverage is very important. Use a higher water volume for aerial application (greater than 2 GPA) if equipment and/or conditions would not provide good coverage. Add an adjuvant at specified rates to improve canopy coverage and penetration while reducing evaporation and drift.

APPLICATION METHOD: Apply **Zurita XL** by ground, air, or chemigation.

BARLEY, OATS, RYE, TRITICALE USE RESTRICTIONS:

1. **DO NOT** apply more than 28 fl. oz./A of **Zurita XL** (0.26 lb. a.i. azoxystrobin and 0.22 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.22 lb. a.i. propiconazole-containing products/A/year.
3. **DO NOT** apply more than 0.40 lb. a.i. azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
6. **DO NOT** apply more than 2 applications/A/year.
7. **DO NOT** apply after Feekes 10.54.
8. **DO NOT** apply within 7 days of harvest (7-day PHI) for forage and hay.



CORN, FIELD and POP
(Includes Seed Production)

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Anthracnose Leaf Blight (<i>Colletotrichum graminicola</i>) Eye Spot (<i>Aureobasidium zeae</i>)	10.5	Early application (V4 - V8): Apply an early application (V4 - V8) of Zurita XL for early season disease control and plant performance benefits. If mixing with herbicides other than solo glyphosate products, consult your local Avalaire, LLC representative.
Gray Leaf Spot (<i>Cercospora zeae-maydis</i>) Northern Corn Leaf Blight (<i>Setosphaeria turcica</i>) Northern Corn Leaf Spot (<i>Cochliobolus carbonum</i>) Physoderma Brown Spot (<i>Physoderma maydis</i>) Rusts (<i>Puccinia</i> spp.) Southern Corn Leaf Blight (<i>Cochliobolus heterostrophus</i>) also known as Helminthosporium Leaf Blights (<i>H. maydis</i> , <i>H. turcicum</i> , <i>H. carbonum</i>) Suppression of: Diplodia Ear Rot (<i>D. maydis</i>)	10.5 - 14	Later season applications: For gray leaf spot, rusts, anthracnose, and eye spot, apply 10.5 - 14 oz./A Zurita XL when disease first appears. If conditions favorable for disease persist, continue to apply on a 14-day schedule. For leaf blights apply 10.5 - 14 oz. Zurita XL when disease first appears. Continue on a 7- to 14-day schedule. Use the low rate when disease pressure is low. Under heavy disease pressure or if conditions are favorable for disease, apply the high rate. DO NOT use adjuvants or other additives after the V8 growth stage and prior to the VT growth stage, as use during these development times can impose stress on the plant that could inhibit proper kernel development. VT is defined as when the last branch of the tassel is completely visible, but silks have not yet emerged from the ear shoot. Apply no more than 2 applications of Zurita XL or any other Group 11 fungicide per year. Use of an adjuvant such as COC can provide additional disease control.

NOTE: For best results, sufficient coverage is very important. For ULV aerial applications **DO NOT** use less than 1.0 GPA. Use a higher water volume for aerial application if equipment and/or conditions will not provide good coverage.

APPLICATION METHOD: Apply **Zurita XL** by ground, air (ULV), or chemigation.

FIELD and POP CORN USE RESTRICTIONS:

- DO NOT** apply more than 56 fl. oz./A of **Zurita XL** (0.52 lb. a.i. azoxystrobin and 0.44 lb. a.i. propiconazole) per year.
- DO NOT** apply more than 28 fl. oz. (0.22 lb. a.i. propiconazole) for field corn harvested for forage.
- DO NOT** apply more than 0.45 lb. a.i. propiconazole-containing products/A/year.
- DO NOT** apply more than 2.0 lb. a.i. azoxystrobin-containing products/A/year.
- For later season applications, **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
- Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
- DO NOT** apply more than 5 applications/A/year when applied at reduced rates.
- DO NOT** apply within 30 days of harvest (30-day PHI) for forage, grain, or stover.

Corn, Sweet
SWEET CORN (Includes Seed Production)

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Anthracnose Leaf Blight <i>(Colletotrichum graminicola)</i> Eye Spot <i>(Aureobasidium zeae)</i> Gray Leaf Spot <i>(Cercospora zeae-maydis)</i> Northern Corn Leaf Blight <i>(Setosphaeria turcica)</i> Northern Corn Leaf Spot <i>(Cochliobolus carbonum)</i> Rusts <i>(Puccinia spp.)</i> Southern Corn Leaf Blight <i>(Cochliobolus heterostrophus)</i>	10.5 - 14	Apply Zurita XL when disease first appears. If conditions favorable for disease persist, continue to apply on a 14-day schedule. For leaf blights apply Zurita XL when disease first appears. Continue on a 7- to 14-day schedule. Use the low rate when disease pressure is low. Under heavy disease pressure or if conditions are favorable for disease, apply the high rate. Alternate applications of Zurita XL with propiconazole-containing products or another product with a different mode of action than Group 11 fungicides.

NOTE: For best results, sufficient coverage is very important. Use of a crop oil concentrate is advised for aerial applications to reduce evaporation and enhance canopy penetration and coverage. Consult your aerial applicator for specified concentration of crop oil concentrate. **DO NOT** use less than 1.0 GPA for the ULV applications. Use higher water volumes for aerial applications if equipment and/or conditions will not provide good coverage.

APPLICATION METHOD: Apply **Zurita XL** by ground, air (ULV), or chemigation.

SWEET CORN USE RESTRICTIONS:

1. **DO NOT** apply more than 56 fl. oz./A of **Zurita XL** (0.52 lb. a.i. azoxystrobin and 0.44 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.45 lb. a.i. propiconazole-containing products/A/year.
3. **DO NOT** apply more than 2.0 lb. a.i. azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
6. **DO NOT** apply more than 5 applications/A/year when applied at reduced rates.
7. **DO NOT** apply to sweet corn within 14 days of harvest (14-day PHI) for ears or forage.

CRANBERRIES

OR, WA, WI Only

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Cottonball (<i>Monilinia oxycocci</i>) Fruit Rots (<i>Phylospora vaccinii</i>) (<i>Glomerella cingulata</i>) (<i>Coleophoma empetri</i>) Lophodermium Twig Blight (<i>Lophodermium</i> spp.)	14 - 21	Make the first application at leaf bud break and repeat in 14 days. Make additional applications at early bloom. Make no more than 2 consecutive sprays before alternating to a non-Group 11 fungicide. For resistance management, make no more than 3 sprays per year using any Group 11 (QoI containing) fungicide. Under severe pressure, use the higher rate for control.

APPLICATION METHOD: Apply **Zurita XL** by ground (minimum of 10 gal./A) or aerial application (minimum of 20 gal./A).

CRANBERRY USE RESTRICTIONS:

- DO NOT** apply more than 84 fl. oz./A of **Zurita XL** (0.78 lb. a.i. azoxystrobin and 0.67 lb. a.i. propiconazole) per year.
- DO NOT** apply more than 0.67 lb. a.i. of propiconazole-containing products/A/year.
- DO NOT** apply more than 1.5 lb. a.i. of azoxystrobin-containing products/A/year.
- DO NOT** apply more than 21 fl. oz./A of **Zurita XL** (0.19 lb. a.i. azoxystrobin and 0.17 lb. a.i. propiconazole) in a single application.
- Minimum Retreatment Interval:** 14 days
- DO NOT** apply more than 6 applications/A/year when applied at reduced rates.
- DO NOT** apply within 45 days of harvest (45-day PHI).
- DO NOT** use cranberry fields used for aquaculture of fish and crustaceans.
- DO NOT** apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators must use care in making applications near non-target aquatic habitats.
- DO NOT** apply to flooded crop.
- DO NOT** allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.

FILBERTS

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Eastern Filbert Blight (<i>Anisogramma anomala</i>)	14 - 21	Begin applications when green leaf tissue becomes visible and continue on a 2- to 3-week interval. Under severe disease conditions, use the higher rate and shorter interval. Apply no more than 2 sequential applications before alternating to a non-Group 11 fungicide. PRECAUTION: On certain varieties, Zurita XL applications can cause smaller and/or greener leaves. Yields of filberts displaying these characteristics have not been reduced due to Zurita XL treatments.

APPLICATION METHOD: Apply **Zurita XL** by ground or aerial application (minimum of 15 gal./A).

FILBERTS USE RESTRICTIONS:

- DO NOT** apply more than 112 fl. oz./A of **Zurita XL** (1.04 lb. a.i. azoxystrobin and 0.88 lb. a.i. propiconazole) per year.
- DO NOT** apply more than 0.9 lb. a.i. of propiconazole-containing products/A/year.
- DO NOT** apply more than 1.2 lb. a.i. of azoxystrobin-containing products/A/year.
- DO NOT** apply more than 21 fl. oz./A of **Zurita XL** (0.19 lb. a.i. azoxystrobin and 0.17 lb. a.i. propiconazole) in a single application.
- Minimum Retreatment Interval:** 14 days
- DO NOT** apply more than 8 applications/A/year when applied at reduced rates.
- DO NOT** apply within 60 days of harvest (60-day PHI).
- DO NOT** graze livestock in treated areas or cut treated cover crop for feed.

GRASSES
(Grown For Seed)
ID, MN, NE, OR, WA Only

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Ergot Stem Diseases Powdery Mildew (<i>Erysiphe graminis</i>) Rusts (<i>Puccinia</i> spp.) Selenophoma Stem Eyespot (<i>Selenophoma</i> spp.)	14 - 26	Apply Zurita XL when powdery mildew infections, <i>Selenophoma</i> infections, and/or rust pustules are noticeable and increasing in number in late spring or early summer. To maximize control of severe rust pressure, apply 26 fl. oz./A (except bluegrass apply 14 fl. oz./A) and make applications at 14-day intervals until the seed is mature. For bluegrass, it is important to begin application early in the growing season. Make no more than 2 sequential applications of a Group 11 fungicide before alternating to another product with a different mode of action than Group 11 fungicides.

NOTE: **Zurita XL** is most effective when applied and allowed to dry before a rainfall. For best results, sufficient coverage is very important. Apply **Zurita XL** in a minimum of 20 gal. of water per acre for ground or in a minimum of 10 gal. of water per acre for aerial.

APPLICATION METHOD: Apply **Zurita XL** by ground, air or chemigation.

GRASSES (Grown For Seed) USE RESTRICTIONS:

- DO NOT** apply more than 86.0 fl. oz./A of **Zurita XL** (0.79 lb. a.i. azoxystrobin and 0.69 lb. a.i. propiconazole) per year.
- DO NOT** apply more than 0.90 lb. a.i. propiconazole-containing products/A/year.
- DO NOT** apply more than 0.8 lb. a.i. azoxystrobin-containing products/A/year.
- DO NOT** apply more than 26 fl. oz./A of **Zurita XL** (0.24 lb. a.i. azoxystrobin and 0.21 lb. a.i. propiconazole) in a single application.
- Minimum Retreatment Interval:** 14 days
- DO NOT** apply more than 6 applications/A/year when applied at reduced rates.
- DO NOT** apply within 20 days of harvest (20-day PHI) of seed.
- DO NOT** feed hay cut within 20 days PHI of the last application.
- DO NOT** graze treated areas within 140 days of the last application.

MINT
Peppermint Tops, Spearmint Tops

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Powdery Mildew (<i>Erysiphe</i> spp.) Rust (<i>Puccinia menthae</i>)	10.5 - 14	Begin applications when the plants are 2 - 4 inches high or when conditions become favorable for disease development. Make a second application 14 days after the first application.

APPLICATION METHOD: Apply **Zurita XL** by ground (minimum of 20/gal./A) or chemigation.

MINT USE RESTRICTIONS:

- DO NOT** apply more than 28 fl. oz./A of **Zurita XL** (0.26 lb. a.i. azoxystrobin and 0.22 lb. a.i. propiconazole) per year.
- DO NOT** apply more than 0.22 lb. a.i. of propiconazole-containing products/A/year.
- DO NOT** apply more than 0.75 lb. a.i. of azoxystrobin-containing products/A/year.
- DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
- Minimum Retreatment Interval:** 14 days
- DO NOT** apply more than 2 applications/A/year.
- DO NOT** apply within 7 days of harvest (7-day PHI).

PEANUTS*
*NOT FOR USE IN CALIFORNIA

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Early Leaf Spot (<i>Cercospora arachidicola</i>) Late Leaf Spot (<i>Cercosporidium personatum</i>) Rust (<i>Puccinia arachidis</i>) Web Blotch (<i>Phoma arachidicola</i>)	10.5 - 14	Apply Zurita XL beginning 35 to 40 days after planting or at the first appearance of disease. Continue applications on a 14-day schedule. Under heavy disease pressure use higher listed application rates. Use Zurita XL in State Agricultural Extension advisory (disease forecasting) programs which specify application timing based on environmental factors favorable for disease development. Make no more than two sequential applications of a Group 11 fungicide before alternating to another product with a different mode of action than Group 11 fungicides.
Soil-Borne Diseases - mid-late season Rhizoctonia Peg and Pod Rot (<i>R. solani</i>) Stem Rot/White Mold/Southern Blight (<i>Sclerotium rolfsii</i>) Suppression only: Cylindrocladium Black Rot (<i>C. crotonariae</i>) Pythium Pod Rot (<i>P. myriotylum</i>)	21 - 28	Apply Zurita XL at approximately 60 and 90 days after planting as a foliar application. Apply this application regime earlier in the season if environmental conditions favor disease development. This application will provide protection against soil-borne diseases and will also provide control of the foliar diseases listed for a 10- to 14-day period after each spray. Under heavy pressure and/or heavy rainfall or irrigation, use 28 fl. oz. of Zurita XL per acre. Under lighter pressure and dry conditions (non-irrigated, low rainfall), use 21 - 28 fl. oz. of Zurita XL per acre.
Soil-Borne Diseases - mid-late season Rhizoctonia Peg and Pod Rot (<i>R. solani</i>) Stem Rot/White Mold/Southern Blight (<i>Sclerotium rolfsii</i>) Suppression only: Cylindrocladium Black Rot (<i>C. crotonariae</i>) Pythium Pod Rot (<i>P. myriotylum</i>)	14 - 28 plus Abound® in tank mix	Tank-mix option: Apply 14 fl. oz./A of Zurita XL in a tank mix with azoxystrobin-containing products or other fungicides for control of soil-borne diseases. A minimum of 0.15 lb. a.i./A azoxystrobin must be in the tank mix (see Zurita XL Rate Conversion Table below). DO NOT exceed 0.4 lb. of azoxystrobin/A/application. Apply Zurita XL plus Abound at approximately 60 and 90 days after planting as a foliar application. Apply this application regime earlier in the season if environmental conditions favor disease development. This application will provide protection against soil-borne diseases and will also provide control of the foliar diseases listed for a 10- to 14-day period after each spray. Under heavy pressure and/or heavy rainfall or irrigation, there must be 0.3 - 0.4 lb. a.i. of azoxystrobin in the tank. Under lighter pressure and dry conditions (non-irrigated, low rainfall), 0.2 - 0.4 lb. a.i. of azoxystrobin can be used.

APPLICATION METHOD: When applying **Zurita XL** via irrigation or as a directed ground application, employ additional methods for leaf spot control. Apply **Zurita XL** by ground, air or chemigation.

PEANUT USE RESTRICTIONS:

- DO NOT** apply more than 56 fl. oz./A of **Zurita XL** (0.52 lb. a.i. azoxystrobin and 0.44 lb. a.i. propiconazole) per year.
- DO NOT** apply more than 0.45 lb. a.i. propiconazole-containing products/A/year.
- DO NOT** apply more than 0.80 lb. a.i. azoxystrobin-containing products/A/year.
- DO NOT** apply more than 28 fl. oz./A of **Zurita XL** (0.26 lb. a.i. azoxystrobin and 0.22 lb. a.i. propiconazole) in a single application.
- Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
- DO NOT** apply more than 5 applications/A/year when applied at reduced rates.
- DO NOT** apply within 14 days of harvest (14-day PHI) when using a maximum rate of 14 fl. oz./A.
- DO NOT** apply within 21 days of harvest (21-day PHI) when using rates above 14 fl. oz./A and **DO NOT** feed hay from treated fields to livestock if using rates higher than 14 fl. oz./A.

PECANS

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Anthracnose (<i>Glomerella cingulata</i>) Downy Spot (<i>Mycosphaerella caryigena</i>) Liver Spot (<i>Gnomonia caryae</i> pv <i>pecanae</i>) Pecan Scab (<i>Cladosporium caryigenum</i>) Powdery Mildew (<i>Microsphaera penicillata</i>) Vein Spot (<i>Gnomonia nerviseda</i>) Zonate Leaf Spot (<i>Cristulariella moricola</i>)	14 - 21	Pecan scab: Apply 14 - 21 fl. oz./A Zurita XL on a 14-day schedule during bud break and pre-pollination sprays. Apply 20 - 21 fl. oz./A during nut formation and cover sprays. Use higher rates when disease pressure is heavier. DO NOT apply after shuck split. Other foliar diseases: Apply Zurita XL for control of mid to late season foliar diseases at 14 - 20.5 fl. oz./A with other pecan products labeled for these diseases. Observe all directions, precautions, and limitations for the other products. Make no more than two sequential applications of a Group 11 fungicide before alternating to another product with a different mode of action than Group 11 fungicides. Use of an adjuvant such as COC can provide additional disease control.

APPLICATION METHOD: Ground applications must be applied in sufficient water to provide for full coverage. Apply **Zurita XL** by ground or air (minimum of 20 gal./A).

PECAN USE RESTRICTIONS:

1. **DO NOT** apply more than 115 fl. oz./A of **Zurita XL** (1.06 lb. a.i. azoxystrobin and 0.9 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.9 lb. a.i. propiconazole-containing products/A/year.
3. **DO NOT** apply more than 1.2 lb. a.i. azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 21 fl. oz./A of **Zurita XL** (0.19 lb. a.i. azoxystrobin and 0.17 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
6. **DO NOT** apply more than 8 applications/A/year when applied at reduced rates.
7. **DO NOT** apply after shuck split or within 45 days of harvest (45-day PHI), whichever is first.
8. **DO NOT** graze livestock in treated areas or cut treated cover crops for feed.

PISTACHIOS

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Alternaria Late Blight (<i>A. alternata</i>) Botryosphaeria Panicle and Shoot Blight (<i>B. dothidea</i>) Septoria Leaf Spot (<i>S. pistaciarium</i>)	17.5 - 21	Begin applications when green leaf tissue becomes visible and continue on a 14- to 21-day interval. Under severe disease conditions, use the higher rate and the shorter interval. Make no more than 2 consecutive applications of Zurita XL before alternating to another non-Group 11 fungicide.

APPLICATION METHOD: Apply **Zurita XL** by ground or aerial application (minimum of 15 gal./A).

PISTACHIO USE RESTRICTIONS:

1. **DO NOT** apply more than 112 fl. oz./A of **Zurita XL** (1.04 lb. a.i. azoxystrobin and 0.88 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.9 lb. a.i. of propiconazole-containing products/A/year.
3. **DO NOT** apply more than 1.5 lb. a.i. of azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 21 fl. oz./A of **Zurita XL** (0.19 lb. a.i. azoxystrobin and 0.17 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 14 days
6. **DO NOT** apply more than 6 applications/A/year when applied at reduced rates.
7. **DO NOT** apply within 60 days of harvest (60-day PHI).
8. **DO NOT** graze livestock in treated areas or cut treated cover crop for feed.

RICE
Including Wild Rice

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Aggregate Sheath Spot (<i>Rhizoctonia oryzae-sativa</i>) Black Sheath Rot (<i>Gaeumannomyces graminis</i>) Brown Leaf Spot (<i>Helminthosporium oryzae</i>) Kernel Smut (<i>Tilletia barclayana</i>) Leaf Blast (<i>Pyricularia grisea</i>) Leaf Smut (<i>Entyloma oryzae</i>) Narrow Brown Leaf Spot (<i>Cercospora oryzae</i>) Panicle Blast (<i>P. grisea</i>) Sheath Blight (<i>Rhizoctonia solani</i>) Sheath Spot (<i>Rhizoctonia oryzae</i>) Stem Rot (<i>Sclerotium oryzae</i>) For disease suppression of: False Smut (<i>Ustilaginoidea virens</i>)	14 - 27	Timing of Zurita XL application will depend on disease severity, disease complex and rice variety/growth stage. Consult local extension experts for local economic thresholds established for various rice varieties and diseases. Leaf blast: Zurita XL must be applied for preventive control. Apply 21 - 27 fl. oz./A. Panicle blast: Apply Zurita XL at 10% head emergence with an additional application of an azoxystrobin-containing product at 90% emergence. Refer to the azoxystrobin-containing product label for rates and timing. All other leaf/stem diseases: Apply 15.75 - 27 fl. oz./A at initial sign of disease. Apply higher rates when disease pressure is heavy and/or when environmental conditions are highly favorable for disease development. A second application must be made 14 days later. Tank mix option: Apply 15.75 - 20.5 fl. oz./A of Zurita XL in a tank mix with azoxystrobin-containing products or other fungicides for control of rice diseases. A minimum of 0.15 lb. a.i./A azoxystrobin must be in the tank mix (see Zurita XL Rate Conversion Table below). DO NOT exceed 0.3 lb. of azoxystrobin/A/ per application to rice or 0.25 lb. of azoxystrobin/A/application to wild rice. The lower rate of 14 fl. oz./A must only be used for hybrids or varieties with at least moderate resistance to sheath blight. Apply from late boot to boot split for control of diseases (except leaf blast and false smut) of rice (including wild rice). When applying prior to late boot or after boot split growth stages, use the higher rates listed above. Make no more than 2 applications of a Group 11 (QoI) fungicide per year.

NOTE: For aerial application, use volumes of 5 - 10 GPA. Add an adjuvant at specified rates to improve canopy coverage and penetration while reducing evaporation and drift.

RICE USE RESTRICTIONS:

1. **DO NOT** apply more than 42 fl. oz./A of **Zurita XL** (0.39 lb. a.i. azoxystrobin and 0.33 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.34 lb. a.i. propiconazole-containing products/A/year.
3. **DO NOT** apply more than 0.70 lb. a.i. azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 27 fl. oz./A of **Zurita XL** (0.25 lb. a.i. azoxystrobin and 0.22 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
6. **DO NOT** apply more than 3 applications/A/year when applied at reduced rates.
7. **DO NOT** apply within 35 days of harvest (35-day PHI).
8. **DO NOT** release floodwater within 14 days of an application.
9. **DO NOT** apply to stubble or ratoon crop rice.
10. **DO NOT** use in rice fields where commercial farming of crayfish will be practiced.
11. **DO NOT** drain water from treated rice fields into ponds used for commercial fish farming.
12. **DO NOT** use water drained from treated fields to irrigate other crops.

SORGHUM

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Anthracnose (<i>Colletotrichum graminicola</i>) Ergot (<i>Claviceps sorghi</i>) Gray Leaf Spot (<i>Cercospora sorghi</i>) Ladder Leaf Spot (<i>Cercospora fusimaculans</i>) Leaf Blight (<i>Exserohilum turcicum</i>) Zonate Leaf Spot (<i>Gloecercospora sorghi</i>)	10.5 - 14	For ergot control, make the first application at or just prior to flowering. Repeat on a 5- to 7-day interval. For other diseases, apply at first sign of disease. Apply on a 14-day interval.

APPLICATION METHOD: Apply **Zurita XL** by ground or aerial application.

SORGHUM USE RESTRICTIONS:

1. **DO NOT** apply more than 56 fl. oz./A of **Zurita XL** (0.52 lb. a.i. azoxystrobin and 0.44 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.45 lb. a.i. of propiconazole-containing products/A/year.
3. **DO NOT** apply more than 0.75 lb./A/year of azoxystrobin-containing products to sorghum grown for grain and/or stover.
4. **DO NOT** apply more than 0.5 lb./A/year of azoxystrobin-containing products to sorghum grown for forage.
5. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
6. **Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
7. **DO NOT** apply more than 5 applications/A/year when applied at reduced rates.
8. **DO NOT** apply more than 28 oz. (0.22 lb. a.i. propiconazole) on sorghum harvested for forage.
9. **DO NOT** apply within 30 days of harvest (30-day PHI) for forage.
10. **DO NOT** apply within 21 days of harvest (21-day PHI) for grain or stover.
11. **DO NOT** graze livestock or cut for green chop or silage within 30 days of application.

SOYBEANS

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Aerial Web 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</i> spp.) Soybean Rust (<i>Phakopsora pachyrhizi</i>)	10.5 - 21	Foliar diseases (except rust): Apply 14 - 21 fl. oz./A at growth stage R3 (early pod set) when pods are inch long) and 14 - 21 days later at growth stage R5 (pod fill). Zurita XL may be applied earlier if conditions are conducive for disease. Soybean Rust: Apply 14 - 21 fl. oz./A at first indication that disease is in the area. For best control, preventive applications work best. Repeat on a 14- to 21-day interval. Use higher rate and shorter interval when diseases are present in the field and incidence is less than 2% (2 plants in 100 are infected). If incidence is greater than this or if disease is in mid-canopy, control will not be acceptable. Scouting for the disease and/or being aware of the proximity of the disease via monitoring systems will aid in the proper timing to maximize the effectiveness of the fungicide applications. On certain varieties, Zurita XL applications can cause crinkled, smaller and/or greener leaves. Yields of beans displaying these characteristics have not been reduced due to Zurita XL treatments.

NOTE: **Zurita XL** is most effective when applied and allowed to dry before a rainfall. For best results, sufficient coverage is very important. **DO NOT** use less than 2.0 GPA. Use a higher water volume for aerial application if equipment and/or conditions will not provide for good coverage.

APPLICATION METHOD: Apply **Zurita XL** by ground, air or chemigation.

(continued)

SOYBEAN USE RESTRICTIONS:

1. **DO NOT** apply more than 42 fl. oz./A of **Zurita XL** (0.39 lb. a.i. azoxystrobin and 0.33 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.34 lb. a.i. of propiconazole-containing products/A/year.
3. **DO NOT** apply more than 1.5 lb. a.i. of azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 21 fl. oz./A of **Zurita XL** (0.19 lb. a.i. azoxystrobin and 0.17 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 14 days
6. **DO NOT** apply more than 4 applications/A/year when applied at reduced rates.
7. Apply up to Stage R6.

STONE FRUITS

Apricot, Cherry, sweet Cherry, tart, Nectarine, Peach, Plum, Plumcot, Prune
Including all cultivars and hybrids of these.

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Alternaria Spot and Fruit Rot (<i>A. alternata</i>) Anthracnose (<i>Colletotrichum prunicola</i>) Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Brown Rot on Fruit (<i>Monilinia</i> spp.) Cherry Leaf Spot (<i>Blumeriella jaapii</i>) Powdery Mildew (<i>Podosphaera clandestina</i> , <i>Sphaerotheca pannosa</i>) Rust (<i>Tranzschelia discolor</i>) Scab (<i>Cladosporium carpophilum</i>) Shothole (<i>Wilsonomyces carpophilus</i>)	14	For brown rot blossom blight, apply Zurita XL at early bloom stage. If disease pressure is low, make a second application of 14 fl. oz./A as needed through petal fall. Under conditions of high disease pressure and/or very susceptible varieties, make applications as needed at 50 - 75% bloom and petal fall. Apply no more than 2 sequential applications before switching to a non-Group 11 fungicide. For brown rot on fruit, apply as needed, a maximum of 2 sprays of Zurita XL , during the preharvest period up to the day of harvest. Make the two applications no closer than 10 days apart. For powdery mildew, rust, and cherry leaf spot, follow the blossom blight schedule. Make up to 2 additional applications on a 10- to 14-day interval from the end of petal fall to harvest. For scab, begin applications at petal fall and continue on a 7- to 14-day interval. For other diseases, begin applications at onset of disease and continue on a 10- to 14-day interval. Make no more than 2 sequential applications of a Group 11 fungicide prior to alternating with another product with a different mode of action than Group 11 fungicides.

NOTE: Stone fruit diseases are more effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage. Aerial application (minimum of 15 gal./A) must be used if necessary but disease control can be reduced.

PRECAUTION: Applications of **Zurita XL** during bloom to Stanley plums have occasionally caused fruit to be less oval in shape and smaller in size at harvest. To avoid this, do not apply **Zurita XL** to Stanley plums earlier than 21 days prior to harvest.

STONE FRUIT USE RESTRICTIONS:

1. **DO NOT** apply more than 70 fl. oz./A of **Zurita XL** (0.65 lb. a.i. azoxystrobin and 0.55 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.56 lb. a.i. propiconazole-containing products/A/year.
3. **DO NOT** apply more than 1.5 lb. a.i. azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval (RTI):** Please see **Application Instructions** above for specific RTIs.
6. **DO NOT** apply more than 5 applications/A/year.
7. **Zurita XL** can be applied the day of harvest (0-day PHI).

STRAWBERRIES AND LOW GROWING BERRY

Subgroup (except cranberry) Bearberry, Bilberry, Cloudberry, Muntries Partridgeberry
Including all cultivars and/or hybrids of these.

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Anthracnose (<i>Colletotrichum</i> spp.) Leaf Rust (<i>Phragmidium potentillae</i>) Leaf Spot (<i>Cercospora fragariae</i>) Powdery Mildew (<i>Sphaerotheca maculans</i>)	14	Begin applications prior to disease development. Repeat on a 10 to 14 day interval. DO NOT make more than two consecutive applications before switching to a non Group 11 fungicide. Make no more than 4 applications per year of Zurita XL or other Qol containing product.

APPLICATION METHOD: Apply **Zurita XL** by ground (20 gal./A minimum) or aerial application (15 gal./A minimum).

STRAWBERRY and LOW GROWING BERRY USE RESTRICTIONS:

1. **DO NOT** apply more than 56 fl. oz./A of **Zurita XL** (0.52 lb. a.i. azoxystrobin and 0.44 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.45 lb. a.i. of propiconazole containing products/A/year.
3. **DO NOT** apply more than 1.0 lb. a.i. of azoxystrobin containing products/A/year.
4. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 10 days
6. **DO NOT** apply more than 4 applications/A/year.
7. **Zurita XL** can be applied the day of harvest (0 day PHI).

SUGAR BEETS*

*NOT FOR USE IN CALIFORNIA

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Cercospora Leaf Spot (<i>C. beticola</i>) Powdery Mildew (<i>Erysiphe polygoni</i>) Rhizoctonia Crown Rot (<i>R. solani</i>)	14	Begin applications preventively or on a forecast system. For powdery mildew, apply at first sign of disease. Apply Zurita XL on a 10- to 21-day schedule. Make only one Zurita XL spray then alternate to a non-triazole fungicide (non-Group 3) that is registered on sugar beets for these diseases. If disease pressure is high, use the highest rate and shortest interval. For Rhizoctonia crown rot, apply 14 oz. in a 7-inch band over the row at the 4- to 8-leaf stage.

NOTE: For best results, sufficient water volume must be used to provide thorough coverage. A minimum of 15 gal./A for ground applications is required. For aerial applications a minimum of 5 gal./A of water is required. For chemigation, apply in 0.10 - 0.25 inches/A of water. Chemigation with excessive water can lead to a decrease in efficacy.

APPLICATION METHOD: Apply **Zurita XL** by ground, chemigation, or aerial application.

SUGAR BEET USE RESTRICTIONS:

1. **DO NOT** apply more than 42 fl. oz./A of **Zurita XL** (0.39 lb. a.i. azoxystrobin and 0.33 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.34 lb. a.i. of propiconazole-containing products per crop per year.
3. **DO NOT** apply more than 2.0 lb. a.i. of azoxystrobin-containing products per crop per year.
4. **DO NOT** apply more than 14 fl. oz./A of **Zurita XL** (0.13 lb. a.i. azoxystrobin and 0.11 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 10 days
6. **DO NOT** apply more than 3 applications/A/year.
7. **DO NOT** apply within 21 days of harvest (21-day PHI).

SUGARCANE

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Brown Rust (<i>Puccinia melanocephala</i>) Orange Rust (<i>Puccinia kuehnii</i>)	16 - 22	Begin applications prior to rust development and continue throughout the season every 14 - 28 days following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust.

APPLICATION METHOD: Apply by ground, air or chemigation.

SUGARCANE USE RESTRICTIONS:

1. **DO NOT** apply more than 88 fl. oz./A of **Zurita XL** (0.8 lb. a.i. azoxystrobin and 0.72 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.80 lb. a.i. of azoxystrobin containing products per year.
3. **DO NOT** apply more than 22 fl. oz./A of **Zurita XL** (0.20 lb. a.i. azoxystrobin and 0.18 lb. a.i. propiconazole) in a single application.
4. **Minimum Retreatment Interval:** 14 days
5. **DO NOT** apply more than 5 applications/A/year when applied at reduced rates.
6. **DO NOT** apply within 30 days of harvest (30-day PHI).

TREE NUTS

See list below for tree nuts.

Target Diseases	Use Rate fl. oz. product/A	Application Instructions
Foliar Diseases	14 - 21	Apply Zurita XL at first sign of disease. Repeat on a 7- to 14-day interval. Do not make more than two consecutive applications before switching to a non-Group 11 fungicide. Make no more than 4 applications of a Zurita XL or other QoI containing product per year.

Additional Tree Nuts: Almond (see **specific directions**), Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (see **specific directions**), Hickory, Macadamia, Pecan (see **specific directions**), Pistachios (see **specific directions**), Walnut

NOTE: For best control of tree nut diseases, use ground applications.

APPLICATION METHOD: Apply **Zurita XL** by ground or aerial application (15 gal./A minimum).

TREE NUT USE RESTRICTIONS:

1. **DO NOT** apply more than 112 fl. oz./A of **Zurita XL** (1.04 lb. a.i. azoxystrobin and 0.88 lb. a.i. propiconazole) per year.
2. **DO NOT** apply more than 0.9 lb. a.i. of propiconazole-containing products/A/year.
3. **DO NOT** apply more than 1.2 lb. a.i. of azoxystrobin-containing products/A/year.
4. **DO NOT** apply more than 21 fl. oz./A of **Zurita XL** (0.19 lb. a.i. azoxystrobin and 0.17 lb. a.i. propiconazole) in a single application.
5. **Minimum Retreatment Interval:** 7 days
6. **DO NOT** apply more than 8 applications/A/year when applied at reduced rates.
7. **DO NOT** apply within 60 days of harvest (60-day PHI) except for pecan (see **specific use directions**).
8. **DO NOT** graze livestock in treated areas or cut treated cover crop for feed.

Zurita XL Rate Conversion Table

fl. oz. product/A	lb. a.i. azoxystrobin	lb. a.i. propiconazole
7	0.056	0.06
10.5	0.10	0.08
14.0	0.13	0.11
15.75	0.15	0.125
17.5	0.16	0.14
21	0.19	0.17
26	0.24	0.21
27	0.25	0.22
28	0.26	0.22

SPECIMEN

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

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: equal to or less than 5 gallons

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. 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 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.

Container Handling: greater than 5 gallons

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 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.

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

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following 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. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of Avalaire, LLC. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Avalaire, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, neither Avalaire, LLC, the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

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