# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

AUG 15 2014

August 12, 2014

Michael Kellogg Agent PYXIS REGULATORY CONSULTING, INC. 4110 136<sup>TH</sup> ST. NW GIG HARBOR, WA 98332

Subject:

Label Notification per PRN 98-10 - Label revisions for registration in California

Product Name: Willowood AzoxyProp Xtra

EPA Registration Number: 87290-56 Application Date: July 29<sup>th</sup>, 2014

Decision Number: 493908

# Dear Mr. Kellogg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, you may contact Aswathy Balan at 703-347-0510 or via email at balan.aswathy@epa.gov.

Sincerely,

Shaja B. Jøyner, Product Manager 20

Fungicide Branch

Registration Division (7505P) Office of Pesticide Programs

Please read instructions on n	everse before complè	ung form.		Form Ap	provec	J. UMB No.	<u> 2070-0060</u>	D. Approval expires 2-28-9
	u	Inited States				Registra	ation	OPP Identifier Number
<b>SEPA</b>	Environmenta		n Agen	CY	<u> </u>	Amend	ment	
		ngton, DC 204	_		1	Other	NOTIF	CATION
		Application	n for P	esticide - Sec	tion	1	AUG	1 5 2014
1. Company/Product Number				2. EPA Product Mar	ager		3. Pro	posed Classification
87290-56				S. Joyner				None Restricted
4. Company/Product (Name)			].	PM#				
Willowood, LLC / Willowood A	zoxyProp Xtra			····	20 .			
5. Name and Address of App	licant (Include ZIP Co	de)		6. Expedited Rev	reiw.	In accorda	nce with	FIFRA Section 3(c)(3)
Willowood, LLC c/o Pyxis Regulatory Consu	tina. Inc.		1		is sim	nilar or ident	tical in cor	mposition and labeling
4110 136th St. NW	<b>.</b>			to: EPA Reg. No				
Gig Harbor, WA 98332			İ					
Check if this	is a new address			Product Name				
		<del>,</del>	Secti	on - II		<u>.</u>		
Amendment - Explain	below.			Final printe	d labe	ls in repsons	e to .	
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Explanation: Use addition	al page(s) if necessar	y. (For section	n I and Sect	ion II.)		···		•
Submission of a label notificati	on per PRN 98-10 to fa	acilitate registra	ition in the s	tate of California. Th	s notif	ication is cons	sistent with	the provisions of PR Notice
98-10 and EPA regulations at understand that it is a violation	40 CFR 152.46, and no	other_changes	s have been	made to the labeling	or the	confidential s	tatement of	formula of this product. I
with the terms of PR Notice 98	-10 and 40 CFR 152.4	6, this product	may be in vi	olation of FIFRA and	l may	be subject to	enforcemen	it action and penalties under
sections 12 and 14 of FIFRA.								
			Section	on - III				<del></del>
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# Willowood, LLC

8690 Lookingglass Road Roseburg, Oregon 97471 541.679.9963 Office 541.679.4650 Fax

February 10, 2010

To Whom It May Concern:

RE: Letter of Authorization

Dear Sir or Madam:

Please let this letter serve to confirm that Janelle Kay and Michael Kellogg of Pyxis Regulatory Consulting, Inc. are authorized to act as agent for Willowood, LLC (EPA Company Number 87290), before the U.S. Environmental Protection Agency, California Department of Pesticide Regulation-Pesticide Registration Branch and other state governmental agencies in all matters regarding our pesticide registrations pursuant to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), 7 U.S.C. § 136 et seq. and state law.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Brian Heinze

President

Willowood, LLC

cc: Pyxis Regulatory Consulting, Inc.

**FUNGICIDES** 

# Willowood AzoxyProp Xtra

Broad-spectrum fungicide for control of plant diseases

# **ACTIVE INGREDIENTS:**

Azoxystrobin	 13.5%
Propiconazole	 11.7%
OTHER INGREDIENTS:	 74.8%
TOTAL:	100.0%

Contains 1.02 lb. a.i. propiconazole and 1.18 lb. a.i. azoxystrobin per gallon. Willowood AzoxyProp Xtra is a suspo-emulsion formulation.

# NOTIFICATION

# KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

AUG 1 5 2014

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 in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed:	<ul> <li>Immediately call a poison control center or doctor.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give any liquid to the person.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If on skin or clothing:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Times or your poison control center at 1-800-222-1222.

NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

See inside label booklet for additional Precautionary Statement and Directions for Use including Storage and Disposal instructions.

EPA Reg. No. 87290-56

EPA Est. No.

Manufactured for: Willowood, LLC 1600 NW Garden Valley Blvd. #120 Roseburg, OR 97471

**Net Contents:** 

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING/AVISO

Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin or clothing. Wear appropriate protective eyewear such as goggles, face shield, or safety glasses.

# PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

#### Applicators and other handlers must wear:

- 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
- Protective eyewear (goggles, face shield, or safety glasses)

# **User Safety Requirements**

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**

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

# **USER SAFETY RECOMMENDATIONS**

#### Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

Azoxystrobin can be persistent for several months or longer. Azoxystrobin has degradation or ducts 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 rinsete:

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

# **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 precautions 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) 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 any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks
- Protective eyewear

#### PRODUCT INFORMATION

Willowood AzoxyProp Xtra is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood AzoxyProp Xtra 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 crop, crop hybrid, or environment. Willowood AzoxyProp Xtra may be applied as a foliar spray in alternating spray programs or in tank mixes with other crop protection products. All applications should be made according to the use directions that follow.

#### **USE PRECAUTIONS**

Do not use in nurseries, greenhouses or landscape plantings.

#### 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 recommended 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 contain that meets the standards of the Chemical Producers and contain that meets the standards of the Chemical Producers and contain the contain that meets the standards of the Chemical Producers and contain the contain that meets the standards of the Chemical Producers and contain the contain that meets the standards of the Chemical Producers and contain the contain that meets the standards of the Chemical Producers and contain the contain that meets the standards of the Chemical Producers and contain the contain that meets the standards of the Chemical Producers and contain the contain the contain that meets the standards of the Chemical Producers and contain the contain that meets the standards of the Chemical Producers and contain the contain the contain the contain the contain that meets the standards of the Chemical Producers and contain the contain th

Crop Tolerance/Phytotoxicity: Willowood AzoxyProp Xtra demonstrates some phytotoxic effects when mixed with products that are formulated as EC's. These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. addition, adjuvants that contain some form of silicone can contribute to phytotoxicity. Under certains environmental conditions, tank mixes of Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra 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: Willowood AzoxyProp Xtra should 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 should be followed. The "Specific Directions for Use section" in this label identifies specific IPM recommendations for each crop. Consult your local agricultural authorities for additional IPM strategies established for your area. Willowood AzoxyProp Xtra may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

#### **RESISTANCE MANAGEMENT**

	GROUP	3	11	FUNGICIDES
- 1				

Willowood AzoxyProp Xtra is a mixture of Group 3 (propiconazole) and Group 11 (azoxystrobin) fungicides. Willowood AzoxyProp Xtra has two modes of action: Group 3: DMI (Demethylation Inhibitor) of sterol biosynthesis which disrupts membrane synthesis, and Group 11: inhibitor of the Qo (quinone outside) site within the electron transport system which disrupts fungal respiration. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include rotating and/or tank mixing with products having different modes of action or limiting the total number of applications per season. Willowood, LLC encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

Follow the specific crop recommendations that limit the total number of sprays on a crop and the required alternations with fungicides from other resistance management groups. In situations requiring multiple sprays, develop season-long spray programs for Group 11 (quinone outside inhibiting) fungicides. The program should meet the goal of no more than 1/3 of the total sprays per season, when a Group 11 fungicide is used as a solo product, or 1/2 the total sprays when a Group 11 fungicide is used in a mixture. Programs that include both solo Group 11 products and/or mixes containing Group 11 products should be no more than 1/2 the total sprays.

Willowood AzoxyProp Xtra should not be alternated or tank mixed with any fungicide to which resistance has already developed.

### **Rotational Crops:**

Rotational Crops	Planting Time from Last Willowood Azo Xtra Application	xyProp
Bulb Crops		
Carrots		c .
Celery (and other leaf petiole crops – subgroup 4B)		c c (
Cereals (wheat, barley, triticale)		( ((
Corn (field, seed, popcorn, and sweet)	·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Grasses grown for seed		
Mint	0 days	· icecie
Oats	•	((((
Peanuts		((((
Rice		
Rye	•	
Sorghum	•	
Soybeans		
Strawberries	• .	
Sugar beets		

Rotational Crops	Planting Time from Last Willowood AzoxyProp Xtra Application
Wild rice	
Buckwheat Millet	12 Months
Alfalfa (if propiconazole rate does not exceed 0.22 lb. ai/acre/season)	. 75 days
All other Crops Intended for Food and Feed	105 days

**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.

#### **ATTENTION**

Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra 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.

#### MIXING AND APPLICATION METHODS

Willowood AzoxyProp Xtra 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 should 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 should 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 recommendations.

#### 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 prinquid sparge tube for agitation.

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

## **MIXING INSTRUCTIONS**

- 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.

# Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after Willowood AzoxyProp Xtra has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

Willowood AzoxyProp Xtra + Tank Mixtures: Willowood AzoxyProp Xtra is usually compatible with all tank mix partners listed on this label. Do not combine Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra 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 1/2-2/3 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 "Willowood AzoxyProp Xtra + 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 Willowood AzoxyProp Xtra to the spray tank.
- Allow Willowood AzoxyProp Xtra 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 precautions 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 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. ULV applications are not approved in California.
- 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.
- Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra 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 0.1-0.25 inches per acre of water. Excessive water may reduce efficacy.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide
  application to a public water system, unless the pesticide label-prescribed safety devices for
  —-public-water-systems are-in-place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

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

#### **Operating Instructions**

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.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

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.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., displacement pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off critical 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.

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.

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 this product 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 recommended by the equipment manufacturer. When applying this product 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 this product required to treat the area covered by the irrigation system.
- Add the required amount of this product 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 Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Willowood AzoxyProp Xtra required to treat the area covered by the irrigation system.
- Add the required amount of Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra 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, reduceded 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 should 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 at 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

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Almonds	Brown Rot Blossom Blight ( <i>Monilinia</i> spp.)	14-26	Apply Willowood AzoxyProp Xtra at early bloom stage. If disease pressure is low, a second application of 14 fl. oz./A may be made as needed through petal fall. Under conditions of high disease pressure and/or very susceptible varieties, applications may be needed at 50-75% bloom and petal fall. Do not exceed two applications of Willowood AzoxyProp Xtra for blossom blight applications. Orbit® Fungicide may be used for one of these applications.
	Alternaria Leaf Spot (A. Alternata) Anthracnose (Colletotrichum acutatum) Leaf Blight (Siematosporium lichenicola) Leaf Rust (Tranzschelia discolor) Scab (Cladosporium carpophilum) Shothole (Wilsonomyces carpophilus)	17.5-26	Apply Willowood AzoxyProp Xtra beginning at bud break on a 7- to 14-day interval. Make no more than two consecutive applications before switching to a non-Group 11 fungicide.

Application: Make no more than two sequential applications of a Group 11 fungicide prior to alternating with another product with a different mode of action than Group 11 fungicides. Almond diseases are more effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage. Willowood AzoxyProp Xtra may be applied by ground or by air control may be used if necessary but disease control may be reduced. Willowood AzoxyProp Xtra may be applied by air only at growth stages prior to and including 5 weeks after petal fall.

- 1) Do not apply more than 112 fl. oz./A/season of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.9 lb. a.i. of propiconazole-containing products/A/season.

- 3) Do not apply more than 1.5 lb. a.i. of azoxystrobin-containing products/A/season.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.
- 5) Do not apply within 60 days of harvest (60-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Bananas	Black Sigatoka (Mycosphaerella fijiensis)	10.5	Apply Willowood AzoxyProp Xtra before disease symptoms appear at
Plantains	Yellow Sigatoka (Mycosphaerella musicola)		the onset of the rainy season. Apply 10.5 fl. oz. of Willowood AzoxyProp Xtra per acre in 10-20 gallons of water per acre. 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 recommended to have at least 2 consecutive months "triazole free" during the period of lower disease pressure.

**Application:** Willowood AzoxyProp Xtra may be applied by ground (minimum of 15 gals./A) or aerial application (minimum of 5 gals./A).

- 1) Do not apply Willowood AzoxyProp Xtra within 100 yards of non-bagged bananas.
- 2) Do not apply Willowood AzoxyProp Xtra on bananas unless they are protected by polyethylene bags.
- 3) Do not apply Willowood AzoxyProp Xtra on plantains if the fruit present are not protected with polyethylene bags.
- 4) Do not apply more than 84 fl. oz. of Willowood AzoxyProp Xtra during each growing season (this includes any preharvest sprays).
- 5) Do not feed whole bananas and plantains to animals.
- 6) Do not apply more than 0.67 lb. a.i. propiconazole-containing products/A/season.
- 7) Do not apply more than 1.08 lb. a.i. azoxystrobin-containing products/A/season.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Beans, Dry and Succulent  Bean (Cicer arietinum) (Lupinus spp.) (Phaseolus spp.) (Vigna spp.) (Vicia faba)	Bean Rust (Uromyces appendiculatus) Anthracnose (Colletotrichum lindemuthianum) Alternaria Leaf Spot (Alternaria alternata) Ascochyta Leaf Spot (Ascochyta phaseolorum) Rust (Phakopsora spp.) Southern Blight	10.5-14	Apply when conditions are conductive for disease. Up to three applications may be made on a 7- to 14-oay and the conditions may be made on a 7- to 14-oay and the conditions may cause crinkled and/or greener leaves. Yields of beans displaying these characteristics have not been
See below for complete list of dry	(Sclerotium rolfsii) Web Blight (Rhizoctonia solani)	-	reduced.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
and succulent beans.	Ascochyta Blight (Mycosphaerella pinodes) Ascochyta Leaf and Pod Spot (Ascochyta spp.) Alternaria Blight (Alternaria spp.)		

**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 Instructions: Willowood AzoxyProp Xtra may be applied by ground or air.

# **Specific Use Restrictions:**

- 1) Not for use on cowpea cultivars intended for livestock feeding only.
- 2) Do not apply more than 42 oz. of Willowood AzoxyProp Xtra /crop/A.
- 3) Do not apply more than 0.34 lb. a.i. propiconazole-containing products.
- 4) Do not apply more than 1.5 lb. a.i. azoxystrobin-containing products.
- 5) Do not apply within 7 days of harvest (7-day PHI) for succulent beans.
- 6) Do not apply within 14 days of harvest (14-day PHI) for dry beans.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Berries, Bushberry	Botryosphaeria Canker	14 – 21	For mummyberry, make first
Subgroup	(Botryosphaeria spp.)		application of Willowood AzoxyProp
	Leaf Spot and Stem		Xtra beginning at green tip and
Blueberry, Highbush	Canker (Septoria		repeat in 7-10 days. If conditions are
Blueberry, Lowbush	albopuncatata)		favorable for disease development,
Cranberry, Highbush	Leaf Spot (Septoria spp.)		additional application may need to be
Currant, Black	Mummyberry (Monilinia		made at pink bud and repeating
Currant, Red	vaccinicorymbosi)		every 7 to 10 days through petal fall.
Elderberry	Phomopis Twig		Do not apply more than two
Gooseberry	Blight, Fruit Rot, and		consecutive applications before
And sultivers and/or	Stem Canker (P. vaccini)		alternating to a non-Group 11
And cultivars and/or	Powdery Mildew (Microsphaera vacinii)		containing fungicide. For other diseases listed, Willowood
hybrids of these.	Rust (Pucciniastrum		AzoxyProp Xtra applications should
See below for	vaccinii)		begin prior to disease development
complete list of	vacciiii)		and continue throughout the season
bushberry subgroup:			on a 7 to 14-day interval.
busineerly subgroup.			Make no more than two consecutive
			sprays before alternating to a non-
			Group 11 fungicide. Make no more
			than 3 applications per crop of
			Willowood AzoxyProp Xtra or other
			Group 11 fungicides.

Bushberry Subgroup: Aronia berry; Blueberry, highbush; Blueberry, lowbush; Buffalo currant; Chilean guava; Cranberry, highbush; Currant, black; Currant, red; Elderberry; European barbetry; Gooseberry; Honeysuckle, edible; Huckleberry; Jostaberry; Juneberry (Saskatoon berry); Lingonberry; Native currant; Salal; Sea buckthorn

Application: Willowood AzoxyProp Xtra may be applied by ground or by air (minimum of 15 gal./A).

# **Specific Use Restrictions:**

- 1) Do not apply more than 82 fl. oz./A/season of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.84 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 0.75 lb. a.i. of azoxystrobin-containing products/A/season.

4) Do not apply within 30 days of harvest (30-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Berries, Caneberry	Anthracnose	14 – 21	Willowood AzoxyProp Xtra
Subgroup	(Spaceloma necator, Elsinoe veneta)		applications should begin prior to disease development and continue
Blackberry	Botryosphaeria Canker		throughout the season on a 14-day
Bingleberry	(B. dothidea)		interval. Make no more than two
Boysenberry	Leaf and Cane Spot		consecutive sprays before alternating
Dewberry	(Septoria rubi)		to a non-Group 11 fungicide. Make
Raspberry, Red and	Leaf Spot (Septoria spp.)		no more than 3 applications per crop
Black	Powdery Mildew		of Willowood AzoxyProp Xtra or
Wild Raspberry	(Sphaerotheca macularis)		other Group 11 fungicides.
Including all cultivars	Rosette or Double		
and/or hybrids of	Blossom of Blackberries		
these.	(Cercosporella rubi)		·
	Rust (Phragmindium		·
See below for	violaceum)		
additional types of caneberries.		-	

Other Caneberries in Subgroup: Loganberry, Lowberry, Marionberry, Olallieberry and Youngberry Application: Willowood AzoxyProp Xtra may be applied by ground or by air (minimum of 15 gal./A).

- 1) Do not apply more than 105 fl. oz./A/season of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.84 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 1.5 lb. a.i. of azoxystrobin-containing products/A/season.
- 4) Do not apply within 30 days of harvest (30-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Bulb Vegetables Dry Bulb Garlic Onions (dry bulb) Shallots (dry bulb)	Cladosporium Leaf Blotch ( <i>C. allii</i> ) Purple Blotch ( <i>Alternaria</i> porri) 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.
Green Leeks Onions (green) Shallots (green) Including all cultivars and/or hybrids of these	Botrytis Leaf Blight (B. squamosa) Downy Mildew (Peronospora destructor) White Rot (Sclerotium cepivorum)	17.5 - 26	

See below for complete list of bulb vegetables.			,
paib vegetables.			,

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:** Willowood AzoxyProp Xtra may be applied by ground (15 gal./A minimum) or aerial application (minimum of 5 gal./A). **NOTE:** Mixing with products formulated as an emulsifiable concentrate (EC) may result in phytotoxicity.

# Specific Use Restrictions:

- 1) Do not apply more than 56 fl. oz./A/season of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.45 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 1.5 lb. a.i. of azoxystrobin-containing products/A/season.
- 4) Do not apply within 14 days of harvest (14-day PHI) on dry bulb onions.
- 5) Willowood AzoxyProp Xtra may be applied the day of harvest (0-day PHI) for green onion types.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Carrots	Alternaria Leaf Blight (Alternaria dauci) Early Blight (Cercospora carotae) Powdery Mildew (Erysiphe polygoni)	14	Apply Willowood AzoxyProp Xtra 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:** Willowood AzoxyProp Xtra may be applied by ground (minimum of 15 gal./A), or aerial application (minimum of 5 gal./A), or chemigation.

#### Specific Use Restrictions:

- 1) Do not apply more than 56 fl. oz./A/season of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.45 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 2.0 lbs. a.i. of azoxystrobin-containing products/A/season.
- 4) Do not apply within 14 days of harvest (14-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Celery	Early Blight (Cercospora apii) Late Blight (Septoria apiicola)	14	Apply Willowood AzoxyProp Xtra on a 7- to 10-day schedule in alternation with Tilt® alone or another préduct ' with a different mode of action than Group 11 fungicides.

**Application:** Willowood AzoxyProp Xtra may be applied by ground, air, (5 gal./A minimum) or chemigation.

# **Specific Use Restrictions:**

- 1) Do not apply more than 56 fl. oz./A.
- Do not apply more than 0.45 lb. a.i. of propiconazole-containing products/A/season.
- Do not apply more than 1.5 lbs. a.i. of azoxystrobin-containing products/A/season.
- Do not apply within 14 days of harvest (14-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Cereals Wheat See next section for other cereals.	Early season suppression of: Glume Blotch (Stagonospora nodorum) Leaf Blight (Septoria tritici) Powdery Mildew (Blumeria spp., Erysiphe spp.) Tan Spot (pyrenophora triticirepentis) Control of Leaf Diseases: Glume Blotch (Stagonospora nodorum)	7 – 14 10.5 – 14	Apply Willowood AzoxyProp Xtra in the spring for suppression of early season diseases. Follow up with a second application (see below) for full season control.  If applying early in the season in mixture with fertilizers and herbicides you may see flecking and burning.  Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained
	Helminthosporium Leaf Blight  -(Drechslera triticirepentis)————————————————————————————————————		when Willowood AzoxyProp Xtra is applied when the flag leaf is 50% to fully emerged.  Applications may be made no closer than a 14-day interval.  Willowood AzoxyProp Xtra can be applied through full head emergence (Feekes growth stage 10.5). Do not apply after this stage to avoid possible illegal residues.
And the sale of Mili	Foot Rot/Eyespot ( <i>Tapesia</i> spp.)	14	Apply full rate of Willowood AzoxyProp Xtra plus half the rate listed on other EPA registered fungicides such as Topsin® M. Apply at tillering but before elongation has occurred.

Application: Willowood AzoxyProp Xtra 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 åerial application (greater than 2 GPA) if equipment and/or conditions would not provide good coverage. Willowood AzoxyProp Xtra may be applied by ground, air, or chemigation. . . . .

# **Specific Use Restrictions:**

- 1) Do not apply more than 2 applications/A/year.
- 2) Do not apply after Feekes 10.54
- 3) Do not apply more than 28 fl. oz./A/season of Willowood AzoxyProp Xtra.
- 4) Do not apply more than 0.22 lb. a.i. of propiconazole-containing products/A/season.
- 5) Do not apply more than 0.40 lb. a.i. of azoxystrobin-containing products/A/season.
- 6) Under certain environmental conditions, tank mixes of Willowood AzoxyProp Xtra plus (((( herbicides and/or fertilizers may cause crop injury.
- Do not apply within 7 days of harvest (7-day PHI) for forage or hay.

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		Use Rate	
Crop	Target Diseases	fl. oz.	Remarks
•		product/A	,
Cereals  Barley Oats Rye Triticale	Early season suppression of: Glume Blotch (Stagonospora nodorum) Leaf Blight (Septoria tritici) Powdery Mildew (Blumeria spp., Erysiphe spp.) Tan Spot (Pyrenophora triticirepentis) Control of Leaf Diseases: Barley Scald (Rhynchosporium secalis) Barley Stripe (Pyrenophora graminea)	7 – 14 10.5 – 14	Apply Willowood AzoxyProp Xtra in the spring for suppression of early season diseases. Follow up with a second application (see below) for full season control.  If applying early in the season in mixture with fertilizers and herbicides you may see flecking and burning.  Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained when Willowood AzoxyProp Xtra is applied when the flag leaf is 50% to
	Glume Blotch (Stagonospora, nodorum) Helminthosporium Leaf Blight (Drechslear triticirepentis) Kernel Blight (Alternaria spp.) Leaf Blight (Septoria tritici) Net Blotch (Pyrenophora teres) Powdery Mildew (Blumeria spp., Erysiphe spp.) Rust (Puccinia spp.) Spot Blotch (Bipolaris sorokiniana) Tan Spot (Pyrenophora triticirepentis) Foot Rot/Eyespot (Tapesia	14	fully emerged.  Applications may be made no closer than a 14-day interval.  Apply full rate of Willowood
	spp.)		AzoxyProp Xtra plus half the rate specified on other EPA registered fungicides such as Topsin® MacApply at tillering but before elongation has occurred.

Application: Willowood AzoxyProp Xtra 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. An adjuvant may be added at recommended rates to improve canopy coverage and penetration while reducing evaporation and drift. Willowood AzoxyProp Xtra may be applied by ground, air, or chemigation.

- 1) Do not apply more than 2 applications/A/season.
- 2) Do not apply after Feekes 10.54.
- 3) Do not apply more than 28.0 fl. oz./A/season of Willowood AzoxyProp Xtra.
- 4) Do not apply more than 0.22 lb. a.i. of propiconazole-containing products/A/season.
- 5) Do not apply more than 0.40 lb. a.i. of azoxystrobin-containing products/A/season.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks			
6) Under cer	6) Under certain environmental conditions, tank mixes of Willowood AzoxyProp Xtra plus					
herbicides	herbicides and/or fertilizers may cause crop injury.					
7) Do not ap	7) Do not apply within 7 days (7-day PHI) for forage or hay					

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Corn Field Pop (Includes Seed Production)	Anthracnose Leaf Blight (Colletotrichum graminicola) Eye Spot (Aureobasidium zeae) Gray Leaf Spot (Cercospora zeaemaydis) Northern Corn Leaf Blight (Setosphaeria turcica) Northern Corn Leaf Spot (Cochliobolus carbonum) Physoderma Brown Spot (Physoderma maydis) Rusts (Puccinia spp.) Southern Corn Leaf Blight (Cochliobolus heterostrophus) also known as Helminthosporium Leaf Blights (H. maydis, H. turcicum, H. carbonum)  Suppression of: Diplodia Ear Rot (D. maydis)	10.5	Early application (V4-V8): An early application (V4-V8) of this product may be applied for early season disease control and plant performance benefits. If mixing with herbicides other than solo glyphosate products, consult your local Willowood, LLC representative.  Apply no more than 2 applications of Willowood AzoxyProp Xtra or any other Group 11 fungicide per year.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
		10.5-14	Later season applications: For gray leaf spots, rusts, anthracnose, and eye spot, apply 10.5-14 fl. oz./A of this product when disease first appears. If conditions are favorable for disease persist, continue to apply on a 14-day schedule.
			For leaf blights apply 10.5-14 fl. oz. of this product 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 may 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 this product or any other Group 11 fungicide per year.  Use of an adjuvant such as COC may provide additional disease control.

**Application:** 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. This product may be applied by ground, air (ULV), or calc chemigation. ULV applications are not approved in California.

- 1) Do not apply more than 56 fl. oz./A/season of this product.
- 2) Do not apply more than 28 fl. oz. (0.224 lb. a.i. propiconazole) for field corn harvested for forage.
- 3) Do not apply more than 0.45 lb. a.i. of propiconazole-containing products/A/season.
- 4) Do not apply more than 2.0 lb. a.i. of azoxystrobin-containing products/A/season.
- 5) Do not apply within 30 days of harvest (30-day PHI) for forage, grain, or stover.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Corn, Sweet Sweet Corn (includes Seed Production)	Anthracnose Leaf Blight (Colletotrichum graminicola) Eye Spot (Aureobasidium zeae) Gray Leaf Spot (Cercospora zeaemaydis) Northern Corn Leaf Blight (Setosphaeria turcica) Northern Corn Leaf Spot (Cochliobolus carbonum) Rusts (Puccinia spp.) Southern Corn Leaf Blight (Cochliobolus heterostrophus)	10.5-14	Apply this product when disease first appears. If conditions favorable for disease persist, continue to apply on a 14-day schedule.  For leaf blights apply this product 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 Willowood AzoxyProp Xtra with Tilt or another product with a different mode of action than Group 11 fungicides.

Application: This product may be applied by ground, air or chemigation. For best results, sufficients coverage is very important. Use of a crop oil concentrate is recommended for aerial applications to reduce evaporation and enhance canopy penetration and coverage. Consult your aerial applicator for recommended concentration of crop oil concentrate. DO NOT use less than 1.0 GPA for the ULM 6.5 applications. Use higher water volumes for aerial applications if equipment and/or conditions will not provide good coverage. ULV applications are not approved in California. ζ

# **Specific Use Restrictions:**

- 1) Do not apply more than 56 fl. oz./A/season of Willowood AzoxyProp Xtra.
- Do not apply more than 0.45 lb. a.i. of propiconazole-containing products/A/season.
- Do not apply more than 2.0 lb. a.i. of azoxystrobin-containing products/A/season.
- Do not apply to sweet corn within 14 days of harvest (14-day PHI) for ears or forage.

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Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Cranberries	Cottonball (Monilinia oxycocci) Fruit Rots (Physalospora vaccinii), (Glomerella cingulata), (Coleophoma empetri) Lophodermium Twig Blight (Lophodermium	14 – 21	Make the first application at leaf bud break and repeat in 14 days. Additional applications should be made at early bloom. Make no more than 2 consecutive sprays before alternating to a non-Group 11 fungicide.
	spp.)		For resistance management, make no more than 3 sprays per season using any Group 11 (Qol containing) fungicide. Under severe pressure, use the higher rate for control.

**Application**: This product may be applied by ground (minimum of 10 gal./A) or aerial application (minimum of 20 gal./A).

# Specific Use Restrictions:

- 1) Do not apply more than 84 fl. oz./A of this product per crop.
- 2) Do not apply more than 0.67 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 1.5 lbs. a.i. of azoxystrobin-containing products/A/season.
- 4) Do not treat cranberry fields used for aquaculture of fish and crustacean.
- 5) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
- 6) Do not apply to flooded crop.
- 7) Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
- 8) Do not apply within 45 days of harvest (45-day PHI).
- 9) Use is limited to Oregon, Washington, and Wisconsin only.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Filberts	Eastern Filbert Blight (Anisogramma anomala)	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.  NOTE: On certain varieties, applications of this product may cause smaller and/or greener leaves. Yields of filberts displaying these characteristics have not been reduced due to Willowood AzoxyProp Xtractreatments.
			treatments.

Application: Willowood AzoxyProp Xtra may be applied by ground or aerial application (minimum of 15 gal./A).

- 1) Do not apply more than 112 fl. oz./A of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.9 lb. a.i. of propiconazole-containing products/A/season.

- 3) Do not apply more than 1.2 lbs. a.i. of azoxystrobin-containing products/A/season.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.
- 5) Do not apply within 60 days of harvest (60-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Grasses (grown for seed)	Ergot Stem Diseases Powdery Mildew (Erysiphe graminis) Rusts (Puccinia spp.) Selenophoma Stem Eyespot (Selenophoma spp.)	14 – 26	Apply Willowood AzoxyProp Xtra when powdery mildew infections, Seleophoma 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.

**Application:** Willowood AzoxyProp Xtra is most effective when applied and allowed to dry before a rainfall. For best results, sufficient coverage is very important. Apply Willowood AzoxyProp Xtra in a minimum of 20 gal. of water per acre for ground application, or in a minimum of 10 gal. of water per acre for aerial application. Willowood AzoxyProp Xtra may be applied by ground, air, or chemigation.

# **Specific Use Restrictions:**

- 1) Do not feed hay cut within 20 days of the last application.
- 2) Do not graze treated areas within 140 days of the last application.
- 3) Do not apply more than 86 fl. oz./A/season of Willowood AzoxyProp Xtra.
- 4) Do not apply more than 0.90 lb. a.i. of propiconazole-containing products/A/season.
- 5) Do not apply more than 0.8 lb. a.i. of azoxystrobin-containing products/A/season.
- 6) Do not apply within 20 days of harvest (20-day PHI) of seed.
- 7) Use is limited to Idaho, Minnesota, Nebraska, Oregon, and Washington only

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Mint Peppermint Spearmint	Powdery Mildew (Erysiphe spp.) Rust (Puccinia menthae)	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:** Willowood AzoxyProp Xtra may be applied by ground (minimum of 20 gal./A), air (minimum of 5 gal./A), or chemigation. <u>Do not apply by air in California.</u>

- 1) Do not apply more than 28 fl. oz./A/season of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.22 lb. a.i. of propiconazole-containing products/A/season.

- 3) Do not apply more than 0.75 lb. a.i. of azoxystrobin-containing products/A/season.
  4) Do not apply within 7 days of harvest (7-day PHI).

Cron	Torract Discosoo	Use Rate	Remarks
Crop	Target Diseases	fl. oz. product/A	Remarks
Peanuts*  *Not approved for this use in California.	Early Leaf Spot (Cercospora arachidicola) Late Leaf Spot (Cercosporidium personatum) Rust (Puccinia arachidis) Web Blotch (Phoma arachidicola)	10.5 – 14	Apply Willowood AzoxyProp Xtra beginning 35-40 days after planting or at the first appearance of disease. Continue applications on a 14-day schedule. Under heavy disease pressure use higher specified application rates. Willowood AzoxyProp Xtra may also be used in State Agricultural Extension advisory (disease forecasting) programs which recommend 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. crotalariae</i> ) Pythium Pod Rot ( <i>P. myriotylum</i> )	21-28	Apply Willowood AzoxyProp Xtra at approximately 60 and 90 days after planting as a foliar application. This application regime may be applied 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 Willowood AzoxyProp Xtra per acre. Under light pressure and dry cook conditions (non-irrigated, low rainfall), use 21-28 fl. oz. of Willowood Cook azoxyProp Xtra per acre.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
R R S M (3	Soil-Borne Diseases – Inid-late season  Rhizoctonia Peg and Pod Rot (R. solani)  Stem Rot/White Mold/Southern Blight Sclerotium rolfsii)  Suppression only: Cylindrocladium Black rot C. crotalariae) Pythium Pod Rot (P. Inyriotylum)	14-28 plus Abound® in tank mix	Tank mix option: Apply 14 fl. oz./A of Willowood AzoxyProp Xtra in a tank mix with Quadris® or other fungicides for control of soil-borne diseases. A minimum of 0.15 lb. a.i./A azoxystrobin should be in the tank mix (see Willowood AzoxyProp Xtra rate conversion table below). Do not exceed 0.4 lb. of azoxystrobin/A/application.  Apply Willowood AzoxyProp Xtra plus Abound at approximately 60 and 90 days after planting as a foliar application. This application regime may be applied 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 should 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:** When applying Willowood AzoxyProp Xtra via irrigation or as a directed ground application, additional methods should be employed for leaf spot control. Willowood AzoxyProp Xtra may be applied by ground, air or chemigation.

- 1) Do not apply more than 56 fl. oz./A/season.
- 2) Do not apply more than 0.45 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 0.80 lb. a.i. of azoxystrobin-containing products/A/season.
- 4) Do not apply within 14 days of harvest (14-day PHI) when using a maximum rate of 14 fl. 62:/A.
- 5) 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.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Pecans	Anthracnose (Glomerella cingulata) Downy Spot (Mycosphaerella caryigena) Liver Spot (Gnomonia caryae pv pecanae) Pecan Scab (Cladosporium caryigenum) Powdery Mildew (Microsphaera penicillata) Vein Spot (Gnomonia nerviseda) Zonate Leaf Spot (Cristulariella moricola)	14 – 21	Pecan Scab: Apply 14-21 fl. oz./A Willowood AzoxyProp Xtra 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: Willowood AzoxyProp Xtra may be applied 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 may provide additional disease control.

**Application:** Ground applications should be applied in sufficient water to provide full coverage. Willowood AzoxyProp Xtra may be applied by ground or air (minimum of 20 gal./A).

# Specific Use Restrictions:

- 1) Do not apply more than 115 fl. oz./A/season of Willowood AzoxyProp Xtra.
- 2) Do not graze livestock in treated areas or cut treated cover crops for feed.
- 3) Do not apply more than 0.9 lb. a.i. of propiconazole-containing products/A/season.
- 4) Do not apply more than 1.2 lb. a.i. of azoxystrobin-containing products/A/season.
- 5) Do not apply after shuck split or within 45 days of harvest (45-day PHI), whichever is first.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Pistachios	Alternaria Late Blight (A. alternata) Botryosphaeria Panicle and Shoot Blight (B. dothidea) Septoria Leaf Spot (S. pistaciarium)	17.5-21	Begin applications when green leaf continued 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 Willowood Azoxy Prop Xtra before switching to another none for the group 11 fungicide.

**Application:** Willowood AzoxyProp Xtra may be applied by ground or aerial application (15 gal<sub>e</sub>/A minimum).

- 1) Do not apply more than 112 fl. oz./A/crop of Willowood AzoxyProp Xtra.
- 2) Do not apply more than 0.9 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 1.5 lbs. a.i. of azoxystrobin-containing products/A/season.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.
- 5) Do not apply within 60 days of harvest (60-day PHI).

		Use Rate	
Crop	Target Diseases	fl. oz.	Remarks
		product/A	
Rice	Aggregate Sheath Spot	14-27	Timing of Willowood AzoxyProp Xtra
	(Rhizoctonia oryzae-	ĺ	application will depend on disease
Including Wild Rice	sativa)		severity, disease complex and rice
,	Black Sheath Rot		variety/growth stage. Consult local
	(Gaeumannomyces		extension experts for local economic
	graminis)		thresholds established for various rice
	Brown Leaf Spot (Helminthosporium		varieties and diseases.
	oryzae)		Leaf blast: Willowood AzoxyProp Xtra
	Kernel Smut (Tilletia		must be applied for preventative
	barclayana)		control. Apply 21-27 fl. oz./A.
	Leaf Blast		Panicle blast: Apply Willowood
	(Pyricularia grisea)		AzoxyProp Xtra at 10% head
	Leaf Smut (Entyloma		emergence with an additional
	oryzae)		application of Quadris at 90%
	Narrow Brown Leaf Spot		emergence. Refer to the Quadris
	(Cercospora oryzae)		label for rates and timing.
,	Panicle Blast (P. grisea)		label for rates and timing.
	Sheath Blight		All other leaf/stem diseases. Apply
	(Rhizoctonia solani)		15.75-27 fl. oz./A at initial sign of
	Sheath Spot (Rhizoctonia		disease. Apply higher rates when
	oryzae)		disease pressure is heavy and/or
	Stem Rot (Sclerotium		when environmental conditions are
	oryzae)		highly favorable for disease
	For disease		development. A second application
	suppression of:		may be made 14 days later.
	False Smut		may be made 14 days later.
	(Ustilaginoidea virens)		Tank mix option: Apply 15.75-20.5 fl.
	(Ostriaginordea virens)	ľ	oz./A of Willowood AzoxyProp Xtra in
	•		a tank mix with Quadris or other
	·		fungicides for control of rice diseases.
			A minimum of 0.15 lb. a.i./A
			azoxystrobin should be in the tank mix
			(see Willowood AzoxyProp Xtra rate
	·	ł	conversion table at the end of the
	·		ł i
·		}	label). Do not exceed 0.3 lb. of
	·		azoxystrobin/A/application to rice or a
			0.25 lb. of azoxystrobin/A/application
			to wild rice.
			The leving make of 4.4.51, and 10 many control
			The lower rate of 14 fl. oz./A may only
			be used for hybrids or varieties with at
			least moderate resistance to sheath
·			blight. Apply from late boot to boot c
			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 spliter
			growth stages, use the higher rates
			listed above.
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
,			Make no more than 2 applications of a
		<u> </u>	Group 11 (Qol) fungicide per year.

**Application:** For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates to improve canopy coverage and penetration while reducing evaporation and drift.

# **Specific Use Restrictions:**

- 1) Do not apply to stubble or ratoon crop rice.
- 2) Do not use in rice fields where commercial farming of crayfish will be practiced.
- 3) Do not drain water from treated rice fields into ponds used for commercial fish farming.
- 4) Do not use water drained from treated fields to irrigate other crops.
- 5) Do not apply more than 42 fl. oz./A/season of Willowood AzoxyProp Xtra.
- 6) Do not apply more than 0.34 lb. a.i. of propiconazole-containing products/A/season.
- 7) Do not apply more than 0.70 lb. a.i. of azoxystrobin-containing products/A/season.
- 8) Do not release floodwater within 14 days of an application.
- 9) Do not apply within 35 days of harvest (35-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Sorghum	Anthracnose (Colletotrichum graminicola) Ergot (Claviceps sorghi) Gray leaf spot (Cercospora sorghi) Ladder Leaf Spot (Cercospora fusimaculans)	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.
	Leaf Blight (Exserohilum turcicum) Zonate Leaf Spot (Gloecercospora sorghi)		

Application: Willowood AzoxyProp Xtra may be applied by ground or aerial application.

#### Specific Use Restrictions:

- 1) Do not apply more than 56 fl. oz./A of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.45 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 0.75 lb. a.i./A per season of azoxystrobin-containing products to sorghum grown for grain and/or stover.
- 4) Do not apply more than 0.5 lb./A/season of azoxystrobin-containing products to sorghum grown for forage.
- 5) Do not graze livestock or cut for green chop or silage within 30 days of application.
- 6) Do not apply more than 28 fl. oz. (0.22 lb. a.i. propiconazole) on sorghum harvested for forage.
- 7) Do not apply within 30 days of harvest (30-day PHI) for forage.
- 8) Do not apply within 21 days of harvest (21-day PHI) for grain and stover.

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Crop	Target Diseases	Use Rate fl. oz. product/Á	Remarks
Soybeans	Aerial Web Blight (Rhizoctonia solani) Alternaria Leafspot (Alternaria spp.) Anthracnose (Colletotrichum truncatum) Brown Spot (Septoria glycines) Cercospora Blight and Leaf Spot (C. kickuchii) Frogeye Leaf Spot (Cercospora sojina) Pod and Stem Blight (Diaporthe spp.) Soybean Rust (Phakopsora pachyrhizi)	10.5-21	Foliar diseases (except rust): Apply 14-21 fl. oz./A at growth stage R3 (early pod set) when pods are 1/8-1/4 inch long and 14-21 days later at growth stage R5 (pod fill). Willowood AzoxyProp Xtra may be applied earlier should conditions be 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, Willowood AzoxyProp Xtra applications may cause crinkled, smaller and/or greener leaves. Yields of beans
			displaying these characteristics have not been reduced due to Willowood AzoxyProp Xtra treatments.
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Application: Willowood AzoxyProp Xtra is most effective when applied and allowed to dry before a carinfall. 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 good coverage. Willowood AzoxyProp Xtra may be applied by ground, air or chemigation.

- 1) Do not apply more than 42 fl. oz./A of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.34 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 1.5 lbs. a.i. of azoxystrobin-containing products/A/season.
- 4) Apply up to Stage R6.

		Use Rate	
Crop	Target Diseases	fl. oz.	Remarks
		product/A	
Stone Fruits  Apricot Cherry, sweet Cherry, tart Nectarine Peach Plum Plumcot Prune  Including all cultivars and hybrids of these	Alternaria Spot and Fruit Rot (A. alternata) Anthracnose (Colletotrichum prunicola) Brown Rot Blossom Blight (Monilinia spp.) Brown Rot on Fruit (Monilinia spp.) Cherry Leaf Spot (Blumeriella jaapii) Powdery Mildew (Podosphaera clandestina, Sphaerotheca pannosa) Rust (Tranzschelia discolor)	14	For brown rot blossom blight, apply Willowood AzoxyProp Xtra at early bloom stage. If disease pressure is low, a second application of 14 fl. oz./A may be made as needed through petal fall. Under conditions of high disease pressure and/or very susceptible varieties, applications may be 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
	Scab (Cladosporium carpophilum) Shothole (Wilsonomyces carpophilus)		Willowood AzoxyProp Xtra 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 fungicided prior to alternating with another product with a different mode of action than Group 11 fungicides.
Application: Stone	fruit diseases are more effect	tively controlle	d by ground application, using cccc,

**Application:** Stone fruit diseases are more effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage. Aerial application (minimum of 16 gal./A) may be used if necessary but disease control may be reduced.

Applications of Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra to Stanley plums earlier than 21 days prior to harvest.

- 1) Do not apply more than 70 fl. oz./A/season of Willowood AzoxyProp Xtra.
- 2) Do not apply more than 0.56 lb. a.i. of propiconazole-containing products/A/season.

3) Do not apply more than 1.5 lbs. a.i. of azoxystrobin-containing products/A/season.

4) Wi	llowood .	AzoxvPron	Xtra may be	applied the da	ay of harvest	(0-day PHI)
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Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Strawberries and Low Growing Berry Subgroup (except cranberry) Bearberry Bilberry Cloudberry	Anthracnose (Colletotrichum spp.) Leaf Rust (Phragmidium potentillae) Leaf Spot (Cercospora fragariae) Powdery Mildew (Sphaerotheca macularis)		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 season of Willowood AzoxyProp Xtra or other Qol-
Muntries Partridgeberry Including all cultivars and/or hybrids of these			containing product.

**Application:** Willowood AzoxyProp Xtra may be applied by ground (20 gal./A minimum) or aerial application (15 gal./A minimum).

# Specific Use Restrictions:

- 1) Do not apply more than 56 fl. oz./A of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.45 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 1.0 lb. a.i. of azoxystrobin-containing products/A/season.
- 4) Willowood AzoxyProp Xtra may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Sugar Beets*	Cercospora Leaf Spot (C. beticola) Powdery Mildew	14	Begin applications preventively or on a forecast system. For powdery mildew, apply at first sign of disease.
*Not approved for this use in California.	(Erysiphe polygoni)		Apply Willowood AzoxyProp Xtra on a 10- to 21-day schedule. Make only one Willowood AzoxyProp Xtra 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.
	Rhizoctonia Crown Rot ( <i>R. solani</i> )		For Rhizoctonia crown rot, apply 44 oz. in a 7-inch band over the row-at the 4- to 8-leaf stage.

Application: For best results, sufficient water volume must be used to provide thorough coverage. A minimum of 15 gals./A for ground applications is recommended. For aerial applications, a minimum of 5 gals./A of water is recommended. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Willowood AzoxyProp Xtra may be applied by ground, chemigation, or aerial application.

- 1) Do not apply more than 42 fl. oz./A/season of Willowood AzoxyProp Xtra.
- 2) Do not apply more than 0.34 lb. a.i. of propiconazole-containing products per crop per season.
- 3) Do not apply more than 2.0 lb. a.i. of azoxystrobin-containing products per crop per season.
- 4) Do not apply within 21 days of harvest (21-day PHI).

(Puccinia melanocephela) Orange Rust (Puccinia kuehnii) development the season e following resi guidelines. S	Remarks
	tions prior to rust and continue throughout very 14-28 days stance management cout fields and begin at the earliest sign of tions may be made by chemigation.

### **Specific Use Restrictions:**

- 1) Do not apply more than 88 fl. oz./A/season of Willowood AzoxyProp Xtra.
- 2) Do not apply within 30 days of harvest (30-day PHI).
- 3) Do not apply more than 0.80 lb. a.i. of azoxystrobin-containing products per season.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Tree Nuts  See list below for labeled tree nuts	Foliar Diseases	14 – 21	Apply Willowood AzoxyProp Xtra 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 Willowood AzoxyProp Xtra or other Qol containing product per season.

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

Application: For best control of tree nut diseases, ground applications are recommended. Willowgod AzoxyProp Xtra may be applied by ground or aerial application (15 gals./A minimum).

#### Specific Use Restrictions:

- 1) Do not apply more than 112 fl. oz./A of Willowood AzoxyProp Xtra per crop.
- 2) Do not apply more than 0.9 lb. a.i. of propiconazole-containing products/A/season.
- 3) Do not apply more than 1.2 lbs. a.i. of azoxystrobin-containing products/A/season.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.
- 5) Do not apply within 60 days of harvest (60-day PHI) except for pecan (see specific use directions).

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# Willowood AzoxyProp Xtra Rate Conversion Table

	Lb. a.i./A Azoxystrobin	Lb. a.i./A
Fl. Oz. Product/A		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

# 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:**

[Nonrefillable Container (five gallons or less):] Nonrefillable 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 reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

[Nonrefillable Container (greater than five gallons):] Nonrefillable 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. 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. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

#### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product a contest unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all cisks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Willowood, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User,

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and Buyer and User agree to hold Willowood, LLC and Seller harmless for any claims relating to such factors.

Willowood, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Willowood, LLC, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Willowood, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF WILLOWOOD, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF WILLOWOOD, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Willowood, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Willowood, LLC.

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