

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

June 7, 2022

Karen Murphy Regulatory Manager Axion AG Products, LLC 1880 Fall River Drive, Suite 100 Loveland, CO 80538

Subject: Label Amendment – Removed CA restrictions from Berry Subgroups 13-07 A,

B, and added target disease inadvertently removed from previously approved

label. Product Name: AX Azoxy 229 EPA Registration Number: 89167-39

Application Date: 04/27/2022 Decision Number: 584517

#### Dear Karen Murphy:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

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

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

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

If you have any questions, please contact Jennifer Drobish at 202-566-2642 or at Drobish.jennifer@epa.gov.

Sincerely,

Shaja B. Joyner, Product Manager 20

Fungicide-Herbicide Branch Registration Division 7505P

Enclosure

## **AX AZOXY 229**

Broad spectrum fungicide for control of plant diseases

Contains 2.08 lb. of active ingredient per gallon \*IUPAC

# KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements and directions for use inside booklet. Reformulation is prohibited. See individual container labels for repackaging limitations.

EPA Reg. No. 89167-39
EPA Est.

Net Contents: \_\_\_ Gallon (\_\_\_L)

MANUFACTURED FOR: Axion Ag Products, LLC 1880 Fall River Drive, Suite 100 Loveland, CO 80538

021522RD042722

### ACCEPTED

06/07/2022

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2004.07, 20

	FIRST AID							
If on skin or • Take off contaminated clothing.								
clothing	, , ,							
	Call a poison control center or doctor for treatment advice.							
Have the prod	duct container or label with you when calling a poison control center or							
doctor or goir	ng for treatment.							
	HOTLINE NUMBER							
For 24-H	For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical							
Emerge	Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-424-9300							

# Precautionary Statements Hazards to Humans and Domestic Animals CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear long-sleeved shirt and long pants, socks and shoes and chemical- resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber.

#### Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below.

#### 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

#### **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 listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

#### **User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly
  with soap and water after handling.
- 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 is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Azoxystrobin can be persistent for several months or longer. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the EPA. 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 water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

#### **Ground Water Advisory**

Azoxystrobin and a degradate of azoxystrobin are known to leach through soil to ground water under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

#### **Surface Water Advisory**

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

Notify State and/or Federal authorities and Axion immediately if you observe any adverse 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. Use of AX AZOXY 229 through airblast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania:

North East, Harborcreek, Lawrence Park, Erie, Presque Isle, Millcreek, Fairview, Girard and Springfield. This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.

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.

#### **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 Y2 swath displacement upwind at the downwind edge of the field.
- Do not apply during temperature inversions.

#### **Groundboom Applications:**

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

#### **Airblast Applications:**

- Sprays must be directed into the canopy.
- Sprays must be directed into the canopy site.
- User must turn off outward pointing nozzles at row ends and when spraying outer rows.
- 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.

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

#### **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 4 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

#### **PRODUCT USE PRECAUTIONS**

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

#### **ATTENTION**

AX AZOXY 229 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 AX AZOXY 229 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 AX AZOXY 229 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.

#### PRODUCT INFORMATION

AX AZOXY 229 is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. AX AZOXY 229 is a part of Axion's product line and may also 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 factors such as the crop, crop hybrid, or environment. AX AZOXY 229 may be applied as a foliar spray in alternating spray programs or in tank mixes with other registered crop protection products. All applications must be made according to the use directions that follow.

#### **Restrictions for Resistance Management Purposes**

Do not use in greenhouses.

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#### PRODUCT USE INSTRUCTIONS

#### MIXING, LOADING AND APPLYING

This product is intended to be diluted into water and then applied to crops by typical agricultural spraying techniques. Always apply this product in sufficient water to obtain thorough, uniform coverage of foliage and crop surfaces intended to be protected from disease. Spray volume to be used will vary with crop and amount of plant growth. Spray volume should normally range from 20 to 150 gallons per acre (200 to 1400 liters per hectare) for dilute sprays and 5 to 10 gallons per acre (50 to 100 liters per hectare) for concentrate ground sprays and aircraft applications. Both ground and aircraft methods of application are recommended unless specific directions are given for a crop.

Slowly invert container several times to assure uniform mixture. Measure the required amount of this product and pour into the spray tank during filling. Keep agitator running when filling spray tank and during spray operations.

It is necessary to thoroughly apply the product in order to provide good disease control. Do not prepare more spray solution than is needed for application. Avoiding spray overlap will reduce the potential for crop injury.

#### **Tank Mixing**

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.

When tank mixing this product with other pesticides, observe the more restrictive label limitations and precautions. Do not exceed any label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.

Do not combine this product in the sprayer tank with pesticides, surfactants or fertilizers, unless prior use has shown the combination to be physically compatible, non-injurious and effective under similar use conditions. Do not combine this product with products containing the active ingredient *Bacillus thuringiensis*, subsp. *kurstaki*, strain ABTS-351, as the combination may result in phytotoxicity when applied to the crops listed on this label. Do not tank mix this product with oil or with any adjuvants which contain oil as their principal ingredient, unless otherwise specified under specific crop instructions.

When mixed with EC (emulsifiable concentrate) formulations, this product may be phytotoxic to other crops listed on this label, especially when applied during cool, cloudy conditions that last for several days. Adjuvants containing silicone could also have phytotoxic effects.

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

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

**Efficacy**: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of AX AZOXY 229 has been used. If resistant isolates to Group 11 fungicides are present, efficacy can be reduced for certain diseases. The higher rates in the rate range and/or shorter spray intervals may be required under conditions of heavy infection pressure, with highly susceptible varieties, or when environmental conditions are conducive to disease.

#### **INTEGRATED PEST (DISEASE) MANAGEMENT**

AX AZOXY 229 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. This should include selection of varieties with disease tolerance, removal of plant debris in which inoculum overwinters, and proper timing and placement of irrigation. Consult your local agricultural authorities for additional IPM strategies established for your area. AX AZOXY 229 may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

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

#### **RESISTANCE MANAGEMENT**

AZOXYSTROBIN GROUP 11 FUNGICIDE

For resistance management, AX AZOXY 229 contains a Group 11 fungicide. Any fungal population may contain individuals naturally resistant to AX AZOXY 229 and other Group 11 fungicides. A gradual or total loss of pest control may occur over time if these fungicides/bactericides 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 Azoxystrobin or other Group 11 fungicides (strobilurins, including pyraclostrobin and trifloxystrobin) within a growing season sequence with different fungicide groups that control the same pathogens.
- Use tank-mixtures with fungicides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistancemanagement and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Axion Ag Products at 844-425 8488. You can also contact your pesticide distributor or university extension specialist to report resistance.

Follow the crop specific resistance management recommendations in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
Recommended Solo Qol fungicide sprays	1	1	2	2	2	2	2	3	3	3	3	4
Recommended QoI fungicide sprays in mixture (tank-mix or formulated)	1	2	2	2	2	3	3	4	4	5	5	6

In situations requiring multiple sprays, develop season long spray programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, they should be alternated with two or more applications of a fungicide that is not in Group 11. If more than 12 applications are made, observe the following guidelines:

- When using a QoI fungicide as a solo product, the number of applications must be no more than 1/3 (33%) of the total number of fungicide applications per season.
- For QoI mixes in programs in which tank mixes or premixes of QoI with mixing partners of a different mode of action are utilized, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs in which applications of QoI are made with both solo products and mixtures, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.

If a Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

#### **Rotational Crop Restrictions**

The following crops may be planted at the specified interval following application of AX AZOXY 229 fungicide.

**Crop Rotational Interval** 

	Plant back interval
Buckwheat, millet	12 months
All other crops with Azoxystrobin registered uses	0 days

#### SOILBORNE/SEEDLING DISEASE CONTROL

For those crops that have specific use directions for soilborne disease control:

AX AZOXY 229 can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the cultural practices in the region. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

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#### **BANDED**

- Apply AX AZOXY 229 prior to infection as a directed spray to the soil, using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants.
- Band width should be limited to 7 inches or less.
- Apply AX AZOXY 229 at a rate of 0.40-0.80 fl. oz. product (0.10-0.20 oz. a.i.)/1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl. oz./1000 row feet.
- These applications come into contact with the foliage and are counted as foliar applications when considering resistance management.
- They may be applied during cultivation or hilling operations to provide soil incorporation.

#### **IN-FURROW**

- Apply AX AZOXY 229 as an in-furrow spray in 3-15 gallons of water at planting.
- Mount the spray nozzle so the spray is directed into the furrow just before the seeds are covered.
- Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/ low till programs are in place.

#### **IN-FURROW APPLICATION RATES**

IN-1 ORROW AT LICATION RATES												
RATE PE 1000 ROW												
fl. oz. product	oz. a.i.	22	30	32	34	36	38	40	48	60	72	80
					<u> </u>	RODUCT	 ΓPER AC	<u> </u> RE (fl. oz	<u> </u> .)			
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2	4.4	3.5	2.9	2.6
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8	6.5	5.2	4.4	3.9
0.80	0.20		13.9	13.1	12.3	11.6	11.0	10.5	8.7	7.0	5.8	5.2
1.00	0.25					14.5	13.8	13.1	10.9	8.7	7.3	6.5
1.20	0.30								13.1	10.5	8.7	7.8
1.38	0.36								15.0	12.0	10.0	9.0
1.50	0.40									13.1	10.9	9.8
1.72	0.45									15.0	12.5	11.2
2.00	0.50										14.5	13.1
2.07	0.54										15.0	13.5
2.30	0.60											15.0

Do not apply more than 15 fl. Oz./A/

Row	22	30	32	34	36	38	40	48	60	72	80
Spacing											
(Inches)											
<b>Row-Feet</b>	23,760	17,424	16,335	15,374	14,520	13,756	13,068	10,890	8,712	7,260	6,534
per Acre											

#### **DRIP**

Refer to the Application Instructions through Irrigation System section.

#### **SPRAY DRIFT MANAGEMENT**

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

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#### **ATTENTION**

AX AZOXY 229 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 AX AZOXY 229 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 AX AZOXY 229 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.

Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

#### MIXING AND APPLICATION METHODS

Spray Equipment

AX AZOXY 229 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.

#### **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 the suction side of the 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 this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

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

#### **Mixing Instructions**

- AX AZOXY 229 is a suspension concentrate (SC) formulation.
- Prepare no more spray mixture than is required for the immediate operation.

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- 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.

#### AX AZOXY 229 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 AX AZOXY 229 to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after AX AZOXY 229 has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

**AX AZOXY 229 + Tank Mixtures**: AX AZOXY 229 is usually compatible with all tank-mix partners listed on this label. To determine the physical compatibility of AX AZOXY 229 with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

AX AZOXY 229 has demonstrated some phytotoxic effects when mixed with products that are formulated as emulsifiable concentrates (EC). 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 have also contributed to phytotoxicity.

#### 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.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and AX AZOXY 229 to the spray tank.
- Allow AX AZOXY 229 to completely disperse.
- Spray the mixture with the agitator running.

## APPLICATION INSTRUCTIONS THROUGH IRRIGATION SYSTEMS (CHEMIGATION) Application Through Irrigation Systems (Chemigation)

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

**Drip Irrigation**: AX AZOXY 229 may be applied through drip irrigation systems for soilborne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, subsequent irrigation (water only) should be delayed for at least 24 hours following drip application.

#### **Sprinkler Irrigation**

- Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move irrigation systems.
- Do not apply this product through any other type of irrigation system except as specified on this label.
- Apply with center pivot or continuous-move equipment distributing 1/2 acre-inch or less during treatment.
- In general, use the least amount of water required for proper distribution and coverage.
- If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, this product should be injected into no more than the last 20-30 minutes of the set.
- Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Plant injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform treated water.
- Thorough coverage of foliage is required for good control.
- Maintain good agitation during the entire application period.

If you have questions about calibration contact your State Extension Service specialist, equipment manufacturers or other experts.

#### **Operating Instructions**

- 1. Do not apply when wind speed favors drift beyond the area intended for treatment.
- 2. 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.
- 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 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.
- 5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 6. 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.
- 7. 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.
- 8. 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.

9. 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.

#### **Center Pivot Irrigation Equipment**

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating AX AZOXY 229 through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying AX AZOXY 229 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 AX AZOXY 229 required treating the area covered by the irrigation system.
- Add the required amount of AX AZOXY 229 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 AX AZOXY 229 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 AX AZOXY 229 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 AX AZOXY 229 through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of AX AZOXY 229 required to treat the area covered by the irrigation system.
- Add the required amount of AX AZOXY 229 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 AX AZOXY 229 solution has cleared the last sprinkler head.

#### **Specific Instructions for Public Water Systems**

- 1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- 2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system 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 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.

#### **CROP USE DIRECTIONS**

Alfalfa (See Nongrass Animal Feeds, Forage, Fodder, Straw and Hay)

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Almonds	Alternaria Leaf and Fruit Spot (Alternaria alternata) Anthracnose (Colletotrichum acutatum) Leaf Blight (Seimatosporium lichenicola) Leaf Rust (Tranzschelia discolor) Scab (Cladosporium carpophilum) Shot Hole (Wilsonomyces carpophilus)  Brown Rot Blossom Blight (Monilinia laxa, M. fructicola)	12.0-15.5) 0.20-0.25))	AX AZOXY 229 applications should begin prior to disease development and continue throughout the season following the resistance management guidelines.  Applications may be made by ground, air or chemigation. For aerial applications apply in a minimum of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed when uniform coverage cannot be obtained.  AX AZOXY 229 may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at specified rates.  Anthracnose, scab and shot hole: Begin applications prior to disease development and continue at 7- to 14-day intervals throughout the season.  Blossom blight: Begin applications at early bloom and continue through petal fall.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 28 days of harvest (28-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Artichoke, Globe	Ramularia leaf spot (Ramularia cynarae)	(0.18-0.25)	Begin applications prior to or in the early stages of disease development, and continue as needed throughout the season at a 2- to 3-week interval, up to and including the day of harvest. Do not apply at less than 7-day intervals. Applications may be made by ground, air or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications apply in a minimum of 5 gallons of water per acre. An adjuvant may be added at specified rates.  Do not apply more than one application of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

- 1) Do not apply more than 88 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 8 applications at the 11.0 fl. oz./A (0.18 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

		Use Rate	
		fl. oz.	
Crop	Target Diseases	product/A	Application Instructions
		(lb. a.i./A)	
Asparagus	Stemphyllium purple	6.0-15.5	AX AZOXY 229 applications should begin
	spot (Stemphyllium	(0.10-0.25)	prior to disease development and continue
	vesicarium)		throughout the season on a 7- to 14-day
			schedule, following the resistance
			management guidelines. Applications may
			be made by ground, air or chemigation. An
			adjuvant may be added at specified rates.
			Use a minimum of 10 gallons of water per
			acre by ground, and minimum of 3 gallons
			per acre by air. An adjuvant may be added at
			specified rates.
			Do not apply more than one application of
			AX AZOXY 229 or other Group 11 fungicides
			before alternation with a fungicide that is
			not in Group 11.

- 1) Do not apply more than 90 fl. oz. of product/A/ year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 100 days of harvest (100-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Bananas	Black Sigatoka	5.5 – 8.5	AX AZOXY 229 applications should begin prior to
	(Mycosphaerella fijiensis) Yellow Sigatoka (Mycosphaerella musicola)		disease development and continue throughout the season every 12-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

- 1) Do not apply more than 66 fl. oz. of product/A/ year.
- 2) Do not apply more than 1.08 lb. a.i./A/ year of azoxystrobin-containing products.
- 3) Do not apply more than 8.5 fl. oz. (0.135 lb Al) of this product per acre per application.
- 4) Do not make more than 12 applications at the 5.5 fl. oz./A (0.09 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 12 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Cereals  Barley Oats Rye	Kernel Blight or Black Point (Alternaria spp.) (Cochiobolus sativus) Leaf Rust (Puccinia hordei) (P. recondita)  Barley Stripe (Drechslera graminea = Pyrenophora graminea) Net Blotch (Pyrenophora teres) Scald (Rhynchosporium secalis)  Septoria Leaf and Glume Blotch (Septoria spp., Stagonospora spp.) Spot Blotch (Cochliobolus sativus) Stem Rust (Puccinia graminis f.sp. tritici) Stripe Rust (Puccinia striiformis) Tan Spot (Pyrenophora trichostroma)  Powdery Mildew (Erysiphe graminis	9.0-12.0 (0.15-0.20)	AX AZOXY 229 should be applied prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, sufficient water volume must be used to provide thorough coverage. AX AZOXY 229 can be applied by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than two (2) applications of AX AZOXY 229 or other Group 11 fungicide per season.
	f. sp. hordei) Stagonospora Blotch (Stagonospora nodorum)		

- 1) Do not apply after Feekes 10.54.
- 2) Do not apply more than 24 fl. oz. of product/A/ year.
- 3) Do not apply more than 0.40 lb. a.i./A/year of azoxystrobin-containing products.
- 4) Do not apply more than 12.0 fl. oz. (0.2 lb AI) of this product per acre per application.
- 5) Do not make more than 2 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 6) Minimum retreatment interval = 14 days
- 7) Do not apply within 7 days of grazing or harvest (7-day PHI) for forage and hay.

Crop	Target	Use Rate	
	Diseases	fl. oz.	Application Instructions
		product/A	
		(lb. a.i./A)	
Berries	Alternaria Fruit Rot	6.0-15.5	AX AZOXY 229 applications should begin
Bushberry	(Alternaria spp.)	(0.10-0.25)	prior to disease development and
Subgroup 13-	Anthracnose Fruit Rot		continue throughout the season on a 7- to
07B	(Colletotrichum		14-day schedule, following the resistance
Aronia Berry	gloeosporoides)		management guidelines. Applications may
Blueberry,	Botryosphaeria		be made by ground, air or chemigation. An
Highbush	Canker		adjuvant may be added at specified rates.
Blueberry,	(Botryosphaeria spp.)		Do not apply more than two sequential
Lowbush	Leaf Spot and Blotch		applications of AX AZOXY 229 or other
Buffalo Currant	(Mycosphaerella spp.,		Group 11 fungicides before alternation
Chilean Guava	Septoria spp.)		with a fungicide that is not in Group 11.
Cranberry,	Mummyberry		
Highbush	(Monilinia		
Currant, Black	vacciniicorymbosi)		
Currant, Red	Phomopsis Stem Canker		
Elderberry	(Phomopsis vaccinii)		
European	Powdery Mildew		
Barberry	(Sphaerotheca spp.)		
Gooseberry Honeysuckle,	Septoria Blight (Septoria spp.)		
Edible	Spur Blight		
Huckleberry	(Didymella spp., Phoma		
Jostaberry	spp.)		
Juneberry	3pp.)		
(Saskatoon			
Berry)			
Lingonberry			
Native Currant			
Salal			
Sea Buckthorn			
Including all			
cultivars			
and/or hybrids			
of			
these			

- 1) Do not apply more than 42 fl. oz. of product/A/year.
- 2) Do not apply more than 0.75 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 7 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target	Use Rate	
	Diseases	fl. oz.	Application Instructions
		product/A	
		(lb. a.i./A)	
Berries	Anthracnose	6.0-15.5	Begin applications at onset of disease and
Caneberry	(Spaceloma necator)	(0.10-0.25)	continue as required until harvest. Make
Subgroup 13-	(Elsinoe veneta)		applications on a 7 to 14-day schedule. Use a
07A	Botryosphaeria Canker		minimum water volume of 10 gallons per acre by
Blackberry	(Botryosphaeria dothidea)		ground and a minimum of 3 gallons by air.
Bingleberry	Colletotrichum Rot		Do not apply more than two sequential
Boysenberry	(Colletotrichum		applications of AX AZOXY 229 or other Group 11
Dewberry	gloeosporioides)		fungicides before alternation with a fungicide
Lowberry	Leaf Spot and Blotch		that is not in Group 11.
Marionberry	(Mycosphaerella spp.)		
Olallieberry	(Septoria rubi)		
Youngberry	(Sphaerulina rubi)		
Loganberry	Powdery Mildew		
Red and Black	(Sphaerotheca macularis)		
Raspberry	( <i>Microphaera</i> spp)		
Wild Raspberry	(Oidium spp)		
Including all			
cultivars	Rosette or Double		
and/or hybrids	Blossom of Blackberries		
of these	(Cercosporella rubi)		
	Spur Blight		
	(Didymella applanata)		
	Blotch ( <i>Mycosphaerella</i>		
	spp.)		
	Blackberry Rust	10.0-15.5	
	(Phragmidium spp.)	(0.16-0.25)	

- 1) Do not apply more than 90 fl. oz. of product/A/ year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Berry, Low Growing Subgroup 13- 07G (except Cranberry) Strawberry See additional crops below.	Anthracnose (Colletotrichum fragariae) Leather Rot (Phytophthora cactorum) Powdery Mildew (Sphaerotheca macularis) Suppression of Botrytis on the Foliage (Botrytis cinerea)	6.0-15.5 (0.10-0.25)	AX AZOXY 229 applications should begin prior to disease development and continue throughout the season on a 7- to 10-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. For leather rot control apply 2 applications on a 7 day schedule from late bloom through harvest. Field Nurseries: Apply to young plants in field nurseries by ground, drip, or overhead chemigation.  If applying through drip irrigation, calculate the rate as a band application with a band width equal to the root zone width. Inject AX AZOXY 229 into the irrigation water. For dip applications at transplanting for commercial berry production: For suppression of root and crown rot caused by Colletotrichum spp., mix 5-8 fl. oz. of AX AZOXY 229 per 100 gallons of water.  Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is advised that transplants be washed to remove excess soil prior to dipping. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant. Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. OZ./1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section

Additional Low Growing Berries: Bearberry, Bilberry, Cloudberry, Muntries, Partridgeberry including all cultivars and/or hybrids of these.

- 1) Do not apply more than 60 fl. oz. of product/A/ year.
- 2) Do not apply more than 1.0 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 10 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Brassica Head and Stem Subgroup 5A Broccoli Chinese broccoli [gai lon] Brussels sprouts Cabbage Chinese cabbage [napa] Chinese mustard cabbage [gai choy] Cauliflower Cavalo broccolo Kohlrabi Including all cultivars and/or hybrids of these	Alternaria Leaf Spot (Alternaria spp.) Anthracnose (Colletotrichum spp.) Cercospora Leaf Spot (Cercospora brassicicola) Downy Mildew (Peronospora parasitica) Powdery Mildew (Erysiphe polygoni) Pin Rot (Alternaria spp.) Rhizoctonia Blight (Rhizoctonia solani) Ring Spot (Mycosphaerella brassicicola) White Leaf Spot (Pseudocercosporella capsellae) White Rust (Albugo Candida)	(0.10-0.25)	AX AZOXY 229 applications should begin prior to disease development and continue through- out the season on a 7- to 14-day schedule, following the resistance management guide- lines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by ground, and minimum of 3 gallons per acre by air.  Do not apply more than two applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

- 1) Do not apply more than 90 fl. oz. of product/A/ year.
- 2) Do not apply more than 1.5 lb. a.i./A/ year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

		Use Rate	
Crop	Target	fl. oz.	
	Diseases	product/A	Application Instructions
		(lb. a.i./A)	
Brassica	Alternaria Leaf Spot	6.0-15.5	AX AZOXY 229 applications should begin prior to
Leafy Greens	(Alternaria spp.)		disease development and continue throughout the
Subgroup 5B	Anthracnose		season on a 7- to 14-day schedule, following the
Broccoli raab	(Colletotrichum spp.)		resistance management guidelines. Applications
Cabbage,	Black Spot		may be made by ground, air or chemigation. An
Chinese Collards	(Alternaria spp.)		adjuvant may be added at specified rates.
Kale	Cercospora Leaf Spot		
Mizuna	(Cercospora spp.)		Do not apply more than one application of AX
Mustard greens	Downy Mildew		AZOXY 229 or other Group 11 fungicides before
Mustard spinach	(Peronospora parasitica)		alternation with a fungicide that is not in Group 11.
Rape greens	Powdery Mildew		
Including all	(Erysiphe polygoni)		
cultivars and/or	Ring Spot		
hybrids of these	(Mycosphaerella		
	brassicicola)		
	White Rust		
	(Albugo Candida)		
	Soilborne Diseases	0.40-0.80 fl.	For soilborne/seedling disease control, see
	Seedling root rot, basal	oz./	directions and rates under the SOILBORNE/
	stem rot	1000 row	SEEDLING DISEASE CONTROL section.
	(Rhizoctonia solani)	feet	

- 1) Do not apply more than 42 fl. oz. of product/A/year.
- 2) Do not apply more than 0.75 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 7 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target	Use Rate fl. oz.	
	Diseases	product/A (lb. a.i./A)	Application Instructions
<b>Bulb Vegetables</b>	Foliar Diseases	6.0-12.0	For downy mildew, make preventative
Crop Group 3-07	Cladosporium leaf blotch	(0.10-0.20)	applications on a 5- to 7-day schedule.
Garlic	(Cladosporium allii)		For all other diseases, AX AZOXY 229 applications
Leek	Powdery Mildew		should begin prior to disease development and
Onion, bulb	(Leveillula taurica)		continue throughout the season every 7-14 days
Daylily, bulb	Purple blotch and Leaf		following the resistance management guidelines.
Fritillaria, bulb	Blight ( <i>Alternaria porri</i> )		Applications may be made by ground, air or
Garlic, bulb	(Stemphylium vesicarium)		chemigation. If applications are made by air, use
Garlic, great-	Rust		the higher rates for adequate control. An adjuvant
headed, bulb	(Puccinia allii)		may be added at specified rates.
Garlic, serpent,			Do not apply more than one application of AX
bulb	Botrytis leaf blight	9.0-15.5	AZOXY 229 or other Group 11 fungicides before
Lily, bulb	(Botrytis aclada)	(0.15-0.25)	alternation with a fungicide that is not in Group
Onion, bulb	Downy mildew		11.
Onion, Chinese,	(Peronospora destructor)		Mixtures of AX AZOXY 229 with insecticides and
bulb			silicone adjuvants must be tested for crop safety
Onion, pearl			before application to the crop.
Onion, potato,			
bulb			
Shallot, bulb			
Onion, green			
Chive, fresh			
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. •	Soilborne Diseases	0.40-0.80 fl.	For soilborne/seedling disease control, see
	Rhizoctonia damping-off	oz./	directions under the SOILBORNE/ SEEDLING
			DISEASE CONTROL section. If the application is an
,,	,		• •
-			of the chemical is under the seed. This will reduce
_			
leaves Chive, Chinese, fresh leaves Elegans hosta Fritillaria, leaves Kurrat Lady's leek Leek Leek, wild Onion, Beltsville bunching Onion, fresh Onion, green Onion, macrostem	Rhizoctonia damping-off	oz./	DISEASE CONTROL section. If the application is in-furrow application, the spray should be mad just prior to seed placement so that the majority

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 5 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Canola (see Oilseed Crops for additional information)	Alternaria blackspot (Alternaria spp.) Blackleg (Leptosphaeria maculans) Sclerotinia stem rot (Sclerotinia sclerotiorum)	(0.10-0.25)	In general, apply 7.0 fl. oz. of AX AZOXY 229 at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be made 30 days before harvest.  Specifically for blackleg, AX AZOXY 229 applications should be made at the 2- to 4-leaf stage. For Alternaria or Sclerotinia, 9.0-15.5 fl. oz. product/A should be applied at 10-25% flowering (3-7 days following first flower). Use the higher rate under heavy disease pressure or when conditions are favorable for disease. For control of Alternaria alone, 8.0 fl. oz. product/A may be applied at pod stage (approximately 95% petal fall).  Do not apply more than one application of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  Applications may be made by ground, air or chemigation. Use a minimum of 10 gallons of water per acre for ground applications.

- 1) Do not apply more than 24 fl. oz. of product/A/year.
- 2) Do not apply more than 0.45 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 4 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 14 days
- 6) Do not apply within 30 days of harvest (30-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Carrots	Early blight (Cercospora carotae) Cercospora Leaf Spot (Cercospora spp.) Late blight (Alternaria dauci) Powdery Mildew (Erysiphe spp.) White mold (Sclerotium rolfsii) For additional diseases, see Vegetables, Root, Subgroup	(0.15-0.33)	AX AZOXY 229 applications should begin prior to disease development and continue through- out the season every 7-14 days following the resistance management guidelines.  Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Rhizoctonia root rot (Rhizoctonia solani)	oz./	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.

- 1) Do not apply more than 120 fl. oz. of product/A/year.
- 2) Do not apply more than 2.0 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 20.0 fl. oz. (0.33 lb Al) of this product per acre per application.
- 4) Do not make more than 13 applications at the 9.0 fl. oz./A (0.15 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Celery	Early blight (Cercospora apii) Late blight (Septoria apicola) For additional diseases, see Leafy Vegetables		AX AZOXY 229 applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Do not apply more than one application of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases		For soilborne/seedling disease control, see
	Rhizoctonia root rot	<u>-</u>	directions and rates under the SOILBORNE/
	(Rhizoctonia solani)	1000 row feet	SEEDLING DISEASE CONTROL section.

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 10 applications at the 9.0 fl. oz./A (0.15 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Сгор	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Christmas Trees	Diplodia tip blight (Diplodia pinea) Lophodermium needlecast (Lophodermium pinastri) Swiss needlecast (Phaeocrytopus gaumannii)	(0.10-0.25)	AX AZOXY 229 applications should begin prior to disease development and continue through- out the season at 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

- 1) Do not apply more than 120 fl. oz. of product/A/year.
- 2) Do not apply more than 2.0 lb. a.i./A/year of azoxystrobin-containing products.
- B) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 20 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

		Use Rate	
Crop	Target	fl. oz.	
Стор	Diseases	product/A	Application Instructions
	Diseases	(lb. a.i./A)	Application instructions
·	AU		AV 47000 200 1: 1: 1   1   1   1   1   1   1   1   1
Citrus Fruit	Albinism	12.0-15.5	AX AZOXY 229 applications should begin prior to
Crop Group 10-	(Alternaria alternata pv	(0.20-	disease development and continue throughout
10	citri)	0.25)	the season on 7- to 21 -day intervals following
Calamondin	Alternaria Leaf and		the resistance management guidelines. Under
Citron	Fruit Spot		conditions that favor severe disease epidemics,
Grapefruit	(Alternaria citri)		the higher application rates should be used.
Kumquat	Cercospora Leaf		Applications may be made by ground, air or
Lemon	Spot ( <i>Cercospora</i> spp.)		chemigation. An adjuvant may be added at
Lime	Diplodia Stem-End Rot		specified rates. A horticultural spray oil should
Mandarin	(Diplodia natalensis)		be used to improve control of greasy spot.
Orange (sour and	Greasy Spot		Do not apply more than two sequential
sweet)	(Mycosphaerella citri)		applications of AX AZOXY 229 or other Group 11
Pummelo	Melanose		fungicide before alternation with a fungicide
Satsuma	(Diaporthe citri)		that is not in Group 11. Do not make more than
Mandarin	Penicillium Decays		two applications of AX AZOXY 229 or other
Tangerine	Green Mold,		Group 11 fungicide per season.
Including all	Whisker Mold,		
cultivars and/or	Suppression of		
hybrids of these	Blue Mold		
See complete list	( <i>Penicillium</i> spp.)		
of citrus fruit	Phomopsis Stem-End Rot		
crops below.	(Phomopsis citrii)		
	Post Bloom Fruit Drop		
	(PFD)		
	(Colletotrichum		
	acutatum)		
	Powdery Mildew		
	( <i>Erysiphe</i> spp.)		
	Scab		
	(Elsinoe fawcettii)		
	Sweet Orange Scab		
	(Elsinoe australis)		
	Black Spot	9.0-15.5	
	(Guidnardia citricarpa)	(0.15-0.25)	
	, ,	, , , , , , , , , , , , , , , , , , ,	

Pummelo*	Soilborne Diseases Seedling	0.40-0.80 fl.	For soilborne/seedling disease control, see
Citrus Hybrid (Uniq	root rot (Rhizoctonia solani)	oz./	directions and rates under the SOILBORNE/
fruit only)		1000 row	SEEDLING DISEASE CONTROL section.
		feet	
*Not approved in			
California			

Complete List of Citrus Fruit Crops: Australian Desert Lime (*Eremocitrus glauca*); Australian Finger Lime (*Microcitrus australasica*); Australian Round Lime (*Microcitrus australis*); Brown River Finger Lime (*Microcitrus papuana*); Calamondin (*Citrofortunella microcarpa*); Citron (Citrus medica); Citrus Hybrids, Citrus spp., *Eremocitrus* spp., *Fortunella* spp., *Microcitrus* spp., and *Poncirus* spp.; Grapefruit (*Citrus paradise*); Japanese Summer Grapefruit (*Citrus natsudaidai*); Kumquat (*Fortunella* spp.); Lemon (*Citrus limon*); Lime (*Citrus aurantiifolia*); Mediterranean Mandarin (*Citrus deliciosa*); Mount White Lime (*Microcitrus garrowayae*); New Guinea Wild Lime (*Microcitrus warburgiana*); Orange, Sour (*Citrus aurantium*); Orange, Sweet (*Citrus sinensis*); Pummelo (*Citrus maxima*); Russell River Lime (*Microcitrus inodora*); Satsuma Mandarin (*Citrus unshiu*); Sweet Lime (*Citrus limetta*); Tachibana Orange (*Citrus tachibana*); Tahiti Lime (*Citrus latifolia*); Tangelo (*Citrus x* tangelo); Tangerine (Mandarin) (*Citrus reticulate*); Tangor (*Citrus nobilis*); Trifoliate Orange (*Poncirus trifoliate*); Uniq Fruit (*Citrus aurantium* Tangelo group); cultivars, varieties and/or hybrids of these.

#### Specific Use Restrictions:

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not use AX AZOXY 229 in citrus plant propagation nurseries.
- 4) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 5) Do not make more than 10 applications at the 9.0 fl. oz./A (0.15 lb. a.i./A) rate per year.
- 6) Minimum retreatment interval = 7 days
- 7) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

**Clover** (and stands containing Clover)

(See Nongrass Animal Feeds Forage, Fodder, Straw and Hay)

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Corn Field, Pop, Sweet (Includes Seed Production)	Rust (Puccinia sorghi)  Anthracnose leaf blight (Colletotrichum graminicola) Eye spot (Aureobasidium zeae) Gray leaf spot (Cercospora sorghi) Northern corn leaf blight (Setosphaeria turcica)	6.0-9.0 (0.10-0.15) 6.0-15.5 (0.10-0.25)	For gray leaf spot, apply AX AZOXY 229 at the onset of disease. A second application may be required 14 days later if disease pressure persists.  For all other diseases, AX AZOXY 229 applications should begin prior to disease development and may continue through- out the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation
	Northern corn leaf spot (Cochliobolus carbonum) Southern corn leaf blight (Cochliobolus heterostrophus) Southern Rust (Puccinia polyspora)		with a fungicide that is not in Group 11. For field corn and field corn grown for seed, do not make more than two (2) applications per year.
	Early Application (V4 – V8)	6.0 (0.10)	AX AZOXY 229, may be applied early (V4 – V8) for early season disease control and beneficial physiological benefits.  If mixing with herbicides, other than solo glyphosate products, consult your local Axion representative.
	Soilborne Diseases Rhizoctonia root and stalk rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./ 1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/ SEEDLING DISEASE CONTROL section.

- 1) Do not apply more than 120 fl. oz. of product/A/year.
- 2) Do not apply more than 2.0 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 20 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 7 days of harvest (7-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb.	Application Instructions
	Diseases	a.i./A)	Application instructions
Cotton	Alternaria Leaf Spot (Alternaria spp.) Anthracnose (Glomerella gossypii) Areolate Mildew (Ramularia gossypii) Ascochyta Blight (A. gossypii) Boll Rots (Ascochyta gossypii, Alternaria spp., Diplodia spp., Phoma spp.) Cotton Rust (Puccinia schedonnardi) Diplodia Boll Rot (Diplodia spp.) Hardlock (Fusarium verticillioides) Leaf Spots and Blights (Alternaria spp., Ascochyta gossypii, Cercospora spp., Stemphyllium spp.,) Southwestern Cotton Rust (Puccinia cacabata) (Puccinia spp.) Stemphyllium Leaf Spot (Stemphyllium spp.) Target spot (Corynespora cassiicola)	6.0–9.0 (0.1–0.15)	For optimum disease control, AX AZOXY 229 applications should begin prior to or in the early stages of disease development. Applications may be made by ground, air, or chemigation. An adjuvant may be added at specified rates.  Minimum application volumes for air and ground are 5 and 10 gallons per acre, respectively.  The first AX AZOXY 229 application should be targeted approximately at pinhead square to first bloom to protect the plant from diseases.  Subsequent application(s) are specified on a 14-to 21-day schedule. An additional application may be made depending on environmental conditions and the health of the cotton plant.  Under poor environmental conditions conducive to seedling disease and poor cotton growth, AX AZOXY 229 may be applied to early season cotton to suppress damping off and other diseases which result in plant stand loss.  Do not apply more than two foliar applications of AX AZOXY 229 or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of AX AZOXY 229 or other Group 11 fungicides per crop per acre per year.

Pythium seedling blight	In-Furrow	AX AZOXY 229 Application Directions: Apply AX
(Pythium aphanidermatum)	0.40-0.80 fl. oz.	AZOXY 229 as an in-furrow spray in 3-7 gallons of
Rhizoctonia seedling blight	product per	water at planting. Mount the spray nozzle so the
(Rhizoctonia solani)	1000 row feet	spray is directed into the furrow just before the
	(0.10-0.20 oz.	seed are covered. Use the higher rate when the
	a.i. per 1000	weather conditions are expected to be
	row feet)	conducive for disease development, if the field
		has a history of Pythium problems, or if
		minimum/low till programs are in place.
		See the SOILBORNE/SEEDLING DISEASE
		CONTROL section for table illustrating total fluid
		ounces per acre with various row spacings.

- 1)Do not apply more than 27 fl. oz. of product/crop/year as a foliar spray.
- 2)Do not apply more than 0.45 lb. a.i./A/ year of azoxystrobin-containing products.
- 3) Do not apply more than 9.0 fl. oz. (0.15 lb AI) of this product per acre per application.
- 4) Do not make more than 4 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 14 days
- 6) AX AZOXY 229 may be applied up to 45 days before harvest (45-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Berries, Low	Cottonball	l	Begin applications at 5-10% bloom for fruit rot, cottonball,
Growing	(Monilinia oxycocci)	(0.10-0.25)	and twig blight. Continue applications on
Subgroup 13-	Fruit Rots		a 7- to 14-day schedule if conditions are favorable for
07H	(Physalospora vaccinii)		disease development. Applications may be made by ground,
(except	(Glomerella cingulata)		chemigation or air.
Strawberry)	( <i>Coleophoma empetri</i> ) Lophodermium Twig		Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before
Cranberry	Blight		alternation with a fungicide that is not in Group 11
Bearberry Bilberry	(Lophodermium spp.)		
Blueberry, Lowbush Cloudberry Lingonberry Muntries Partridgeberry Including all cultivars and/or hybrids of these	Fairy Ring (suppression) ( <i>Psilocybe</i> spp.)	15.5 (0.25)	Make the first application at bud break. Measure the ring diameter and add 10 feet to that diameter. Apply AX AZOXY 229 at a rate equivalent to 15.5 fl. oz./A in 30-100 gallons of water to the affected area. Irrigation (1-2 hours) following application is advisable to ensure penetration to the base of the plant. If necessary make another application 2-4 weeks later. For ground application ensure adequate water volume for thorough canopy penetration.

- 1) Do not apply more than 92.3 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Do not treat cranberry fields used for aquaculture of fish and Crustacea.
- 6) 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.
- 7) Do not apply to flooded crop.
- 8) Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
- 9) Minimum retreatment interval = 7 days
- 10) Do not apply within 3 days of harvest (3-day PHI).

C	Toward	Use Rate	
Crop	Target	fl. oz.	A configuration to store a
	Diseases	product/A	Application Instructions
		(lb. a.i./A)	
Cucurbits	Anthracnose	1	For both downy and powdery mildew, make preventative
Cantaloupe	(Colletotrichum	(0.10-0.25)	applications on a 5- to 7-day schedule. For belly rot
· ·	lagenarium)		control, the first application should be made at the 1-3
	Belly rot	((In	leaf crop stage with a second application just prior to vine
waxgourd	(Rhizoctonia solani)	California	tip over or 10-14 days later whichever occurs first. For all
Cucumber	Downy mildew	11.0-15.5)	other diseases, AX AZOXY 229 applications should begin
Gourds	(Pseudoperonospora	0.18-0.25))	prior to disease development and continue throughout
Honeydew	cubensis)		the season every 7-14 days following the resistance
Melons	Gummy stem blight		management guidelines. Applications may be made by
Momordica	(Didymella bryoniae)		ground, air or chemigation. An adjuvant may be added at
spp. (bitter	Leaf spot		specified rates.
melon,	(Alternaria spp.,		Do not tank mix AX AZOXY 229 with crop oil concentrates
balsam apple)	Cercospora spp.)		(COC), methylated spray oil (MSO) or silicon adjuvants.
Muskmelon	Myrothecium canker		Do not tank mix AX AZOXY 229 with malathion, dicofol,
Watermelon	(Myrothecium roridum)		thiodan, methomyl, chlorpyrifos, potassium salts of fatty
Pumpkin	Plectosporium blight		acids or dicloran.
Squash	(Plectosporium		Do not apply more than one application of AX AZOXY 229
Zucchini	tabacinum)		or other Group 11 fungicides before alternation with a
	Powdery mildew		fungicide that is not in Group 11. Do not make more than
1	(Sphaerotheca fuliginea,		four (4) foliar applications of AX AZOXY 229 or other
cultivars	Erysiphe cichoracearum)		Group 11 fungicides per crop per acre per year.
and/or hybrids	Target Leaf Spot		
of these	(Corynespora cassicola)		
	Ulocladium leaf spot		
	(Ulocladium cucurbitae)		
	Soilborne Diseases	0.40-0.80 fl.	For soilborne/seedling disease control, see directions and
	Rhizoctonia root rot	oz./1000	rates under the SOILBORNE/SEEDLING DISEASE CONTROL
	(Rhizoctonia solani)	row feet	section.

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/ year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 5 days
- 6) Do not apply within 1 day of harvest (1-day PHI).

Сгор	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Crop Group 8-10 Pepper Bell Pepper	Anthracnose (Colletotrichum spp.) Powdery mildew (Sphaerotheca spp.)		AX AZOXY 229 applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
Including all cultivars	Soilborne Diseases Rhizoctonia seedling rot ( <i>Rhizoctonia solani</i> )	oz./	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.

**Complete List of Fruiting Vegetables:** African Eggplant; Bell Pepper; Eggplant; Martynia; Nonbell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; cultivars, varieties; and/or hybrids of these.

- 1) Do not apply more than 60 fl. oz. of product/A/year.
- 2) Do not apply more than 1.0 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 10 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

		Use Rate	
Crop	Target	fl. oz.	
	Diseases	product/A	Application Instructions
		(lb. a.i./A)	
<b>Grapes and Other</b>	Black Rot	10.0-15.5	AX AZOXY 229 applications should begin prior to
Small Fruit Vine	(Guignardia bidwellii)	(0.16-0.25)	disease development and continue throughout
Climbing	Downy Mildew		the season every 7-14 days following the
Subgroup 13-07F	(Plasmopara viticola)		resistance management guidelines. Applications
(except fuzzy	Phomopsis Cane and		may be made by ground, air or chemigation. An
kiwifruit)	Leaf Spot		adjuvant may be added at specified rates.
Amur River Grape	(Phomopsis viticola)		Do not apply more than two sequential foliar
Kiwifruit, Hardy	Powdery Mildew		applications of AX AZOXY 229 or other Group 11
Maypop	(Uncinula necator)		fungicides before alternating with a fungicide
Muscadines			that is not in Group 11.
Schisandra Berry	Suppression Only:		
Including all	Botrytis Bunch Rot		ATTENTION
cultivars and/or	(Botrytis cinerea)		AX AZOXY 229 is extremely phytotoxic to certain
hybrids of these			apple varieties.
			AVOID SPRAY DRIFT. Extreme care must be used
			to prevent injury to apple trees (and apple fruit).
			DO NOT spray AX AZOXY 229 where spray drift
			may reach apple trees.
			DO NOT use spray equipment which has been
			previously used to apply AX AZOXY 229 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.

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 9 applications at the 10.0 fl. oz./A (0.16 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 10 days
- 6) Do not apply within 14 days of harvest (14-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Grasses	Ergot Stem Diseases	6.0-15.5	AX AZOXY 229 applications should begin prior to
(grown for seed)	Powdery Mildew ( <i>Erysiphe graminis</i> ) Rust ( <i>Puccinia</i> spp.)	(0.10-0.25)	disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

- 1) Do not apply more than 48 fl. oz. of product/A/year.
- 2) Do not apply more than 0.8 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 8 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 10 days
- 6) Do not feed treated straw, seed, or screenings to livestock.
- 7) AX AZOXY 229 may be applied up to 8 days prior to harvest (swathing) (8-day PHI).

		Use Rate	
Crop	Target	fl. oz.	
	Diseases	product/A	Application Instructions
		(lb. a.i./A)	
Herbs & Spices (except black	Corynespora blight	6.0-15.5	AX AZOXY 229 applications should begin
pepper) Crop Group 19	(Corynespora	(0.10-0.25)	at the onset of disease development
Allspice; Angelica; Anise (seed);	cassiicola)		and continue throughout the season on a
Anise, star; Annatto; Balm; Basil;	Dill blight		7-day schedule, following the resistance
Borage; Burnet; Camomile; Caper	(Cercosporidium		management guidelines.
(buds); Caraway; Caraway, black;	punctum)		Applications may be made by ground only.
Cardamon; Cassia (buds); Catnip;	Phoma blight		An adjuvant may be added at specified
Celery seed; Chervil (dried);	(Passalora puncta)		rates. Use a minimum of 30 gallons of
Chive; Chive, Chinese; Cinnamon;			water per acre.
Clary; Clove (buds); Coriander			
(cilantro or Chinese parsley)			Do not apply more than two sequential
(leaf); Coriander (seed); Costmary;			applications of AX AZOXY 229 or other
Culantro (leaf and seed); Cumin;			Group 11 fungicides before alternation
Curry (leaf); Dill (seed); Dillweed;			with a fungicide that is not in Group 11.
Fennel, common; Fennel, Florence			
(seed); Fenugreek; Grains of			
paradise; Horehound; Hyssop;			
Juniper (berry); Lavender;			
Lemongrass; Lovage (leaf and			
seed); Mace; Marigold; Marjoram;			
Mustard (seed), Nasturtium;			
Nutmeg; Parsley (dried);			
Pennyroyal; Pepper, white; Poppy			
seed; Rosemary; Rue; Saffron;			
Sage; Savory, summer and winter;			
Sweet bay; Tansy; Tarragon;			
Thyme; Vanilla; Wintergreen;			
Woodruff; Wormwood			
Macab:	F	C 2 4 F 4	AV AZOVV 220 popliasticos checulalistic
Wasabi	Fusarium rhizome and	6.2-15.4	AX AZOXY 229 applications should begin
	root rot ( <i>Pythium</i> spp.)	(0.10-0.25)	at the onset of disease development
			and continue throughout the season on a
			7-day schedule, following the resistance
			management guidelines.
			Applications may be made by ground
			or through the irrigation system
			(chemigation). An adjuvant may be added
			at specified rates. Use a minimum of 30
			gallons of water per acre.
			Do not apply more than two sequential
			applications of AX AZOXY 229 or other
			Group 11 fungicides before alternation
			with a fungicide that is not in Group 11.
	l	]	

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

		Use Rate	
Crop	Target	fl. oz.	
	Diseases	product/A	Application Instructions
		(lb. a.i./A)	
Leafy Vegetables	Foliar Diseases	6.0-15.5	For both downy and powdery mildew, make
(except brassica)	Alternaria leaf spot	(0.10-0.25)	preventative applications on a 5- to 7-day schedule.
Amaranth	(Alternaria sonchi,		For all other diseases, AX AZOXY 229 applications
Arugula	A. spp.)		should begin prior to disease development and
Cardoon	Anthracnose		continue throughout the season every 7-14 days
Celery	(Microdochium		following the resistance management guidelines.
Celtuce	panattonianum,		Applications may be made by ground,
Chervil	Colletotrichum dematium)		air or chemigation. An adjuvant may be added at
Chrysanthemum,	Ascochyta Leaf		specified rates.
edible	Spot		Do not apply more than one application of AX AZOXY
Corn salad	(Ascochyta spp.)		229 or other Group 11 fungicides before alternation
Cress	Cercospora leaf spot		with a fungicide that is not in Group 11.
Dandelion	(Cercospora spp.)		ATTENTION: Applications of AX AZOXY 229 to leafy
Dock	Rust		vegetable foliage have contributed to phytotoxicity
Endive	( <i>Puccinia</i> spp.)		under certain circumstances. Proceed with caution
Fennel	(Uromyces spp.)		with regard to tank mixes and adjuvants when
Lettuce, head and	Septoria leaf spot (Septoria		treating all leafy vegetables with AX AZOXY 229. AX
leaf	<i>petroselini)</i> White rust		AZOXY 229 must not be tank mixed on leaf lettuce
Orach	(Albugo occidentalis)		with permethrin, aluminum tris (O-ethyl
Parsley	Downy mildew (Bremia	12.0-15.5	phosphonate), lambda-cyhalothrin or another
Purslane	<i>lactucae)</i> Powdery mildew	(0.20-0.25)	product that may increase the penetration of AX
Radicchio	(Eyrisiphe		AZOXY 229 into the leaf surface, such as, but not
Rhubarb	cichoracearum)		limited to, silicone wetters.
Spinach			
Swiss chard	Soilborne Diseases	0.40-0.80 fl.	For soilborne/seedling disease control, see directions
Including cultivars	Webb blight, Bottom rot,	oz./	and rates under the SOILBORNE/SEEDLING DISEASE
and/or hybrids of	Crater rot, Root rot	1000 row feet	CONTROL section.
these	(Rhizoctonia solani)		

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb AI) of this product per acre per application
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 5 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Сгор	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Legume Vegetables, Dry and Succulent and Legume Vegetables, Foliage of any Cultivar of Bean ( <i>Phaseolus</i>	Bean rust (Uromyces appendiculatus)	6.0 (0.10)	AX AZOXY 229 applications should begin prior to disease development and continue throughout the season every 7-14 days following the
spp.) and Field Pea (Pisum spp.)  Bean (Lupinus spp.) - (includes grain lupin, sweet lupin, white lupin, and white sweet lupin)  Bean (Phaseolus spp.) - (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean)  Bean (Vigna spp.) - (includes adzuki bean, asparagus bean, blackeyed pea, cowpea, catjang, Chinese longbean, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean)  Bean (Glycine max) soybean, immature seed (edamame)  Broad bean (fava bean) (Vicia faba), Chickpea (garbanzo bean) (Cicer arietinum)  Guar (Cyamopsis tetragonoloba)  Jackbean (Canavalia ensiformis) Lablab bean (hyacinth bean)	Alternaria blight (Alternaria spp.) Alternaria leaf spot (Alternaria alternata) Anthracnose (Colletotrichum lindemuthianum) Ascochyta blight (Mycosphaerella pinodes) Ascochyta leaf and pod spot (Ascochyta spp.) Ascochyta leaf spot (Ascochyta phaseolorum) Rust (Phakopsora spp.) Southern blight (Sclerotium rolfsii) Web blight (Rhizoctonia solani)	6.0-15.5 (0.10-0.25)	resistance management guidelines. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. For rust, use of a non-ionic surfactant is advised.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
(Lablab purpureus) Lentil (Lens esculenta) Pea (Pisum spp.) - (includes dwarf pea, edible-pod pea, English pea, garden pea, green pea, field pea, snow pea, sugar snap pea) Pigeon pea (Cajanus cajan) Sword bean (Canavalia gladiata)	Soilborne Diseases Rhizoctonia root rot ( <i>Rhizoctonia</i> solani)	0.40-0.80 fl. oz./ 1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/ SEEDLING DISEASE CONTROL section.  AX AZOXY 229 can be applied to the furrow and covering soil at planting time in a 7-inch band. Avoid a concentrated stream directly on the seed or delayed emergence may occur.  If using a narrow spray as an in-furrow spray, adjust the spray stream to hit the soil next to the seed but not hit

	the seed.
	NOTE: Conduct a seed safety test with your crop before making in-furrow applications.

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 14 days of harvest (14-day PHI) of dry legume vegetables (dry bean and dry pea seeds).
- 7) AX AZOXY 229 May be applied the day of harvest (0 day PHI) for succulent beans and peas.
- 8) For use on soybeans, please refer to the soybean crop directions for use.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
	Powdery mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia menthae</i> )	(0.10-0.25)	AX AZOXY 229 applications should begin prior to disease development and continue through- out the season on a 7-to 10-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Seedling root rot, Basal stem rot ( <i>Rhizoctonia solani</i> )		For soilborne/seedling disease control, see directions and rates under the SOILBORNE/ SEEDLING DISEASE CONTROL section.

- 1) Do not apply more than 42 fl. oz. of product/A/year.
- 2) Do not apply more than 0.75 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 7 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) For processed mint, do not apply within 7 days prior to harvest (7-day PHI).
- 7) For fresh mint, AX AZOXY 229 may be applied the day of harvest (0-day PHI).

		Use Rate	
Crop	Target	fl. oz.	
	Diseases	product/A	Application Instructions
		(lb. a.i./A)	
Nongrass Animal Feeds	Alternaria leaf spot ( <i>Alternaria</i> spp.)	6.0-15.5	AX AZOXY 229 applications should
Forage, Fodder, Straw	Anthracnose	(0.10-0.25)	begin prior to disease development and
and Hay	Colletotrichum trifolii)		continue throughout the season. Use
For pure/mixed stands	Cercospora leaf spot ( <i>Cercospora</i>		the higher rates under severe disease
of the following or	spp.)		pressure. Applications may be made by
stands mixed with	Common Leaf Spot		ground, air or chemigation. Use of an
grasses:	(Pseudopezizza		additive such as crop oil concentrate or
Alfalfa ( <i>Medicago</i>	solani)		non-ionic surfactant is advised.
sativa subsp. sativa)	Downy mildew ( <i>Peronospora</i> spp.)		For management of outbreaks of Asian
Bean, velvet ( <i>Mucuna</i>	Leaf Spot		soybean rust and other Puccinia species
pruriens var. utilis)	(Leptospaerulina		on alternate host species such as kudzu,
Clover	briosiai)		lespedeza, trefoil and vetch, apply AX
(Trifolium spp.,	Powdery mildew ( <i>Oidium</i> spp.,		AZOXY 229 to forages grown in the
Melitotus spp.)	Erysiphe spp.)		vicinity of soybeans and other legume
Kudzu	Rhizoctonia and Stem Blight		crops (beans and peas) as a part of an
(Pueraria lobata)	(Rhizoctonia solani)		Asian rust disease management
Lespedeza ( <i>Lespedeza</i>	Rust		strategy. Consult with local experts and
spp.)	( <i>Phakopsora</i> spp.)		university extension agents for the
Lupin (Lupinus spp.)	(Uromyces spp.)		latest advice.
Sainfoin	Spring Black Stem and Leaf Spot		Do not apply more than two sequential
(Onobrychis viciifolia)	(Phoma medicaginis)		applications of AX AZOXY 229 or other
Trefoil ( <i>Lotus</i> spp.)	Stagonospora Leaf		Group 11 fungicides before alternation
Vetch (Vicia spp.)	Spot		with a fungicide that is not in Group 11.
Vetch, crown	(Stagonospora		
(Coronilla varia)	meliloti)		
Vetch, milk (Astragalus	Stemphyllium Leaf		
spp.)	Spot		
	( <i>Stemphyillium</i> spp.)		
	Summer Black Stem		
l .	and Leaf Spot		
	(Cercospora		
l .	medicaginis)		
I .	Yellow Leaf Blotch		
	(Leptotrichilia medicaginis)		
	Sclerotinia Crown Rot and Wilt on	10.0	
	Clover	(0.17)	
	(Sclerotinia		
	trifoliorum)		
	trifoliorum)		

- 1)Do not apply more than 42 fl. oz. of product/A/year.
- 2)Do not apply more than 0.25 lb. a.i./A per cutting.
- 3) Do not apply more than 0.75 lb. a.i./A/year of azoxystrobin-containing products.
- 4) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 5) Do not make more than 7 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 6) Minimum retreatment interval = 14 days
- 7) Do not apply within 14 days of grazing or harvest (14-day PHI) for forage and hay.
- 8) Not for use on rangeland.

Сгор	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Oilseed Crops	Alternaria leaf spot	6.0-15.5	Apply 6.0 fl. oz. of AX AZOXY 229 at early bud
Crop Group 20	(Alternaria spp.)	(0.1-0.25)	followed by 14.0 fl. oz. at about 45 days before
Crambe	Downy mildew		harvest. A third application of 7.0 fl. oz. may be
Flax	(Plasmopora		made 30 days before harvest. Applications
Mustard, Indian	halstedii,		may be made by ground, air or chemigation.
Mustard, Field	Plasmopora		Use a mini- mum of 10 gallons of water per
Mustard, Black	helianthi)		acre for ground applications.
Rapeseed	Pasmo		Do not apply more than two sequential
Rapeseed, Indian	(Septoria linicola		applications of AX AZOXY 229 or other Group
Safflower	grass)		11 fungicides before alternation with a
Sunflower	Sunflower rust		fungicide that is not in Group 11.
Including all cultivars	(Puccinia helianthi)		
and/or hybrids of these			
See complete list of oilseed			
crops below.			

Complete List of Oilseed Crops: Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Cottonseed; Crambe; Cuphea; Echium; Euphorbia; Evening Primrose; Flax Seed; Gold of Pleasure; Hare's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowfoam; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; cultivars, varieties, and/or hybrids of these.

- 1) Do not apply more than 24 fl. oz. of product/A/year.
- 2) Do not apply more than 0.45 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb AI) of this product per acre per application.
- 4) Do not make more than 4 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 14 days
- 6) Do not apply within 30 days of harvest (30-day PHI).

Crop	Target	Use Rate fl. oz.	Application Instructions
	Diseases	product/A (lb. a.i./A)	
Peanuts	Soilborne Diseases - early season (infurrow application) Aspergillus Crown Rot (Aspergillus niger) Pythium Damping Off (Pythium spp.) Stem Rot/White Mold Suppression (Sclerotium rolfsii)	0.40-0.80 fl. oz./1000 row feet	Apply AX AZOXY 229 in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under PRODUCT INFORMATION section.
	Soilborne Diseases - mid-late season Rhizoctonia Peg and Pod Rot (Rhizoctonia solani) Stem Rot/White Mold (Sclerotium rolfsii)  Suppression Only: Cylindrocladium Black Rot (Cylindocladium crotalariae), Pythium Pod Rot (Pythium myriotylum)	12.0-24.5 (0.20-0.40)	AX AZOXY 229 should be applied 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. These two applications of AX AZOXY 229 will provide protection against the 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 disease pressure and/or where there is high rainfall and/or irrigation, use 18.5-24.5 fl. oz./A. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl. oz./A. For control of Pythium, a rate of 24.5 fl. oz./A is required.  Additional applications of other fungicides on a leaf spot application schedule will be required to provide season-long disease control of the leaf spot diseases. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
	Foliar Diseases Early Leaf Spot (Cercospora arachidicola) Late Leaf Spot (Cercosporidium personatum) Rust (Puccinia arachidis) Web Blotch (Phoma arachidicola)	6.0-18.5 (0.10-0.30)	For foliar disease control only, a lower rate of AX AZOXY 229 may be applied on a 10- to 14-day interval. Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

- 1) Do not apply more than 49 fl. oz. of product/A/year.
- 2) Do not apply more than 0.8 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 24.5 fl. oz. (0.40 lb Al) of this product per acre per application.
- 4) Do not make more than 7 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 10 days
- 6) Do not apply within 14 days of harvest (14-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Pecans	Anthracnose (Glomerella cingulata) Scab (Cladosporium caryigenum)	(0.10- 0.20)	AX AZOXY 229 applications should begin prior to disease development and continue throughout the season on 7- to 21 - day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

#### **Specific Use Restrictions:**

- 1) Do not apply more than 72 fl. oz. of product/A/year.
- 2) Do not apply more than 1.2 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 12.0 fl. oz. (0.20 lb Al) of this product per acre per application
- 4) Do not make more than 12 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 45 days of harvest (45-day PHI).

Сгор	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Pistachios	Alternaria Late Blight (Alternaria alternata) Botryosphaeria Panicle and Shoot Blight	6.0-15.5 (0.10-0.25) ((In California 12.0-15.5)	AX AZOXY 229 applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant
	(Botryosphaeria dothidea) Septoria Leaf Spot (Septoria pistaciarum)	0.20-0.25))	may be added at specified rates.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 7 days of harvest (7-day PHI).

Сгор	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Potatoes	Black dot (Colletotrichum coccodes) Early blight (Alternaria solani) Late blight (Phytophthora infestans) Powdery mildew (Erysiphe cichoracearum)	6.0-20.0 (0.10-0.33)	Early blight - For a 7-day application schedule, use AX AZOXY 229 6.2 fl. oz. product/A. For a 14-day application schedule, use the 12.0 fl. oz. product/A rate.  Late blight - Apply AX AZOXY 229 at 12.0 fl. oz. product/A on a 7-day schedule. Initiate late blight applications in a preventative schedule prior to disease development according to local practices. If late blight symptoms develop or conditions favor disease, switch immediately to a non-Group 11 fungicide, using a 5-day schedule. Addition of a spreader/ sticker may improve coverage.  For all other diseases, AX AZOXY 229 applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Applications may be made by ground, air or chemigation. Do not apply more than one application of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Black dot (Colletotrichum coccodes) Black scurf (Rhizoctonia solani) Silver scurf (Helminthosporium solani)	oz./ 1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.

- 1) Do not apply more than 120 fl. oz. of product/A/year.
- 2) Do not apply more than 2.0 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 20.0 fl. oz. (0.33 lb Al) of this product per acre per application.
- 4) Do not make more than 20 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 14 days of harvest (14-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Rice	Sheath/Stem Diseases Sheath blight ( <i>Rhizoctonia solani</i> )	(0.10-0.30) ((In California 9.0-12.5) 0.15-0.20))	AX AZOXY 229 should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates. For sheath blight control, application rates may vary from 9.0 to 12.0 fl. oz./A depending on the growth stage of the rice and the severity of the disease. Consult with your local extension
	Aggregate sheath spot (Ceratobasidium oryzae- sativae = Rhizoctonia oryzae-sativae) Black sheath rot (Gaeumannomyces graminis var. graminis) Sheath spot (Rhizoctonia oryzae) Stem rot (Magnaporthe salvinii = Sclerotium oryzae = Nakateae sigmoidea)	((In California 12.0-15.5)	personnel. For other stem/sheath diseases including stem rot, black sheath rot, aggregate sheath spot and sheath spot, apply when disease is less than 4 inches above water line usually between panicle differentiation (PD) +5 days to PD +10 days or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied. For foliar and panicle diseases, apply AX AZOXY 229 prior to disease development. AX AZOXY 229 must be applied as a preventative treatment for blast control and applied prior to favorable conditions for blast development. For panicle blast, an application should be applied at mid- boot to boot-split but
	Foliar Diseases Brown leaf spot (Cochliobolus miyabeanus) Leaf smut (Entyloma oryzae) Narrow brown leaf spot (Cercospora janseana = Cercospora oryzae)  Panicle Diseases Kernel smut (Tilletia barclayana = Neovossia barclayana) Panicle blast (Pyricularia grisea)		prior to full head emergence. A second application should be applied when panicles are approximately 60-90% emerged from the boot (7-14 days later).  When AX AZOXY 229 is being applied for panicle blast on continuous rice acreage (no rotation to other crops), no more than two sequential foliar applications of AX AZOXY 229 or other Group 11 fungicides should be made over multiple years before alternating with a fungicide with a different mode of action. Do not make more than two foliar applications of AX AZOXY 229 or other Group 11 fungicides per acre per season.

- 1) Do not treat rice 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 should use care in making applications near non-target aquatic habitats.
- 3) Do not apply more than 42 fl. oz. of product/A/year.
- 4)Do not apply more than 0.70 lb. a.i./A/ year of azoxystrobin-containing products.
- 5) Do not apply more than 18.5 fl. oz. (0.30 lb Al) of this product per acre per application.
- 6) Do not make more than 7 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 7) Minimum retreatment interval = 7 days
- 8) Do not allow release of irrigation or flood water for at least 14 days after the last application.
- 9) Do not apply within 28 days of harvest (28-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Sorghum	Anthracnose (Colletotrichum graminicola) Gray leaf spot (Cercospora sorghi)	(0.10-0.25)	AX AZOXY 229 applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Damping-off (Rhizoctonia solani, Pythium aphanadermatum)	oz./	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.

- 1) For grain and stover, do not apply more than 0.75 lb. a.i./A/year of azoxystrobin-containing products.
- 2) For forage, do not apply more than 0.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) For grain and stover, do not make more 7 applications at the 6.0 fl oz/A (0.10 lb. a.i./A) rate per year. For forage, do not make more than 5 applications at the 6.0 fl oz/A (0.10 lb. a.i./A) rate per year.
- 5) For grain and stover, do not apply more than 42 fl oz of product/A/year (0.75 lb ai/A/year of azoxystrobin containing products).
- 6) For forage, do not apply more than 30 fl oz of product/A/year (0.5 lb ai/A/year of azoxystrobin containing products).
- 7) Minimum retreatment interval = 7 days
- 8) Do not apply within 14 days of harvest (14-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Soybeans	Aerial blight		AX AZOXY 229 applications should begin prior to
Soybean, immature seed (edamame)	(Rhizoctonia solani) Alternaria leaf spot (Alternaria spp.) Anthracnose (Colletotrichum truncatum) Brown spot (Septoria glycines) Cercospora blight and leaf spot (Cercospora kikuchii) Frogeye leaf spot (Cercospora sojina) Pod and stem blight (Diaporthe phaseolorum) Rust (Phakopsora spp.)		disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact Extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use of a crop oil concentrate or nonionic surfactant with the lower use rate is advised. Soybean rust: AX AZOXY 229 may be used at 4 fl. oz./A when tank mixed with a triazole registered for use on soybean rust.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Rhizoctonia solani (Rhizoctonia solani) Southern blight (Sclerotium rolfsii)	oz./	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/ SEEDLING DISEASE CONTROL section.

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not make more than one application at 15.5 fl. oz. product/acre or 0.25 lb. a.i./A to soybean forage and hay.
- 3) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 4) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 5) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year, except for soybean forage and hay.
- 6) Minimum retreatment interval = 14 days
- 7) Do not apply within 14 days of harvest (14-day PHI) of soybeans (bean).
- 8) AX AZOXY 229 may be applied the day of harvest (0-day PHI) to soybean forage and hay.

Сгор	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Stone Fruits Apricot Cherry, Sweet Cherry, Tart Nectarine Peach Plum Plumcot Prune	Brown Rot Blossom Blight and Fruit Rot (Monilinia fructicola, M. laxa)  Scab (Cladosporium carpophilum) Alternaria spot and fruit rot (Alternaria alternata) Anthracnose (Colletotrichum prunicola, C. gloeosporioides) Leaf rust (Tranzschelia discolor) Powdery mildew	12.0-15.5 (0.20-0.25) 6.0-15.5 (0.10-0.25)	For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, AX AZOXY 229 may be applied to fruit up to the day of harvest.  For scab, begin applications at petal fall and continue at 7- to 14-day intervals.  For all other diseases, begin application at the onset of disease as a protectant fungicide and continue on a 7- to 14-day schedule.  For peaches only, 9.0-15.5 fl. oz. of AX AZOXY 229 may be used for scab control.  Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	(Sphaerotheca pannosa, Podosphaera clandestine) Shot hole (Wilsonomyces carpophilus)		

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Sugarcane	Brown Rust (Puccinia melanocephela) Orange Rust (Puccinia kuehnii)	9.0-12.0 (0.15-0.20)	AX AZOXY 229 applications should begin 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. An adjuvant may be used at specified rates. For ground applications, apply AX AZOXY 229 in sufficient water volume for adequate coverage and canopy penetration. Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicide, before alternation with a fungicide that is not in Group 11. Do not make more than four foliar applications of AX AZOXY 229 or other Group 11 fungicide per acre per year.

- 1) Do not apply more than 0.80 lb. a.i./A per year of azoxystrobin-containing products.
- 2) When applying by air, use no less than 5 gallons spray solution per acre.
- 3) Do not apply more than 48.0 fl oz of product/A/year.
- 3) Do not apply more than 12.0 fl. oz. (0.20 lb Al) of this product per acre per application.
- 4) Do not make more than 5 applications at the 9.0 fl. oz./A (0.15 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 14 days
- 6) Do not apply within 30 days of harvest (30-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Tobacco	Blue mold (Peronospora tabacina) Frogeye leaf spot (Cercospora nicotianae) Target spot (Rhizoctonia solani)		AX AZOXY 229 applications should begin prior to disease development or at first indication that blue mold is in the area. Do not apply AX AZOXY 229 as a curative application. If blue mold is present in the field, initiate applications with product labeled for blue mold curative control prior to an AX AZOXY 229 application. Apply on a 7- to 14-day interval with shorter intervals under conditions conducive to disease development. For ground applications, apply AX AZOXY 229 in sufficient water volume for adequate coverage and canopy penetration. For aerial application, volumes should be 10-15 GPA. Applications may be made by ground, air or chemigation. Do not apply AX AZOXY 229 on greenhouse seedlings. Do not tank mix with Thiodan. Tank mixing AX AZOXY 229 with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents may cause some crop injury.  Do not apply more than one application of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  NOTE: AX AZOXY 229 may enhance weather flecking on the leaves of certain tobacco types. This does not affect yield and quality.

- 1) Do not apply more than 30 fl. oz. of product/A/year.
- 2) Do not apply more than 0.52 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 12.0 fl. oz. (0.2 lb AI) of this product per acre per application.
- 4) Do not make more than 5 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 21 days of harvest (21-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Tomatoes	Anthracnose	5.0-6.2	AX AZOXY 229 applications should begin prior to disease
Tomatillos	(Colletotrichum	(0.08-0.10)	development and continue throughout the season
Subgroup 8-10A	coccodes)		following the resistance management guidelines. For
Including all	Black mold		late blight, AX AZOXY 229 should be applied at 5- to 7-
cultivars and/ or	(Alternaria alternata)		day intervals. For all other tomato diseases, AX AZOXY
hybrids of these	Buckeye rot		229 should be applied on 7- to 21-day intervals.
See complete	(Phytophthora spp.)		Applications may be made by ground, air or
list of tomato	Early blight		chemigation.
crops below.	(Alternaria solani) Powdery mildew (Oidiopsis sicula) Septoria leaf spot (Septoria lycopersici) Target spot (Corynespora cassiicola)	5.0 (0.10)	Do not apply more than one application of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  Under certain weather conditions (particularly high temperatures) AX AZOXY 229 in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. Do not exceed 0.125% adjuvant (v/v). Consult a Company representative for more information concerning additives or adjuvants.  A tank mixture with Dimethoate may cause crop injury.
	Late blight (Phytophthora infestans)	6.2 (0.10)	On fresh market tomatoes do not use adjuvants or tank mix AX AZOXY 229 with any emulsifiable concentrate (EC) product.

Complete List of Tomato Crops: Bush Tomato; Cocona; Currant Tomato; Garden Huckleberry; Goji Berry; Groundcherry; Naranjilla; Sunberry; Tomatillo; Tomato; Tree Tomato; cultivars, varieties, and/or hybrids of these.

- 1) Do not apply more than 35 fl. oz. of product/A/year.
- 2) Do not apply more than 0.6 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 6.2 fl. oz. (0.10 lb AI) of this product per acre per application.
- 4) Do not make more than 7 applications at the 5.0 fl. oz./A (0.08 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 5 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Tree Nuts	Alternaria Leaf and Fruit Spot	6.0-12.0	AX AZOXY 229 applications should begin prior
Beechnut	(Alternaria alternata)	(0.10-0.20)	to disease development and continue
Brazil Nut	Anthracnose		throughout the season following the resistance
Butternut	(Colletotrichum acutatum,	((In California	management guidelines. Applications may be
Cashew	Glomerella cingulata)	12.0) 0.20))	made by ground, air or chemigation. An
Chestnut	Eastern Filbert Blight		adjuvant may be added at specified rates. For
Chinquapin	(Anisogramma anomale)		all other diseases begin applications prior to
Filbert	Late Blight		disease development and continue at 7- to 21-
Hickory	(Alternaria alternata)		day intervals throughout the season.
Macadamia	Scab		Do not apply more than two sequential
Pecan	(Cladosporium carpophilum)		applications of AX AZOXY 229 or other Group
Walnut	Septoria Leaf Spot		11 fungicides before alternation with a
	(Septoria pistaciarum)		fungicide that is not in Group 11.
Almonds, Pistachios	Shot Hole		
(see specific use	(Wilsonomyces carpophilus)		For blossom blight, begin applications at early
instructions)	Blossom Blight		bloom and continue through petal fall.
	(Monilinia laxa, M. fructicola)		

- 1) Do not apply more than 72 fl. oz. of product/A/ year.
- 2) Do not apply more than 1.2 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 12.0 fl. oz. (0.20 lb Al) of this product per acre per application.
- 4) Do not make more than 12 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 45 days of harvest (45-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Acerola Atemoya Avocado Biriba . Canistel	Anthracnose (Colletotrichum spp.) Cercospora Leaf Spot (Cercospora spp.) Powdery Mildew (Erysiphe spp.) Rust (Puccinia spp.)	(0.10-0.25)	AX AZOXY 229 applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Follow the resistance management guidelines in the Resistance Management Section.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
Jaboticaba Jackfruit Longan Loquat Lychee Mango Papaya Passionfruit Pawpaw Persimmon Pulasan Rambutan Sapodilla Sapote, Black Sapote, White Soursop Star Apple Starfruit Sugar Apple Spanish Lime Tamarind	Soilborne Diseases Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	fl. OZ./1000	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.

- 1) Do not apply more than 90 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 10 days
- 6) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
,	Foliar Diseases  Alternaria leaf spot (Alternaria spp., A. alternata) Ascochyta leaf spot (Ascochyta cynarae) Va, bitter and sweet¹ ac (celery root)¹.² ril, turnip-rooted¹.² reen (taro)¹ ng² radish² ey, turnip-rooted² ip¹.²  Foliar Diseases Alternaria leaf spot (Alternaria spp., A. alternata) Ascochyta cynarae) Rust (Uromyces betae, Puccinia helianthi) White rust (Albugo tragopogonis) Cercospora leaf spot (Cercospora betae, C. pastinaceae) Powdery mildew	9.0-15.5	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, AX AZOXY 229 applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
Rutabaga <sup>1,2</sup> Salsify <sup>2</sup> Salsify, black <sup>1,2</sup> Salsify, Spanish <sup>2</sup> Skirret <sup>2</sup> Sweet potato <sup>1</sup> Tanier <sup>1</sup> Turnip <sup>1,2</sup> Yam, true <sup>1</sup>	Leveillula taurica) Soilborne Diseases Circular spot, Southern blight (Sclerotium rolfsii) Pythium root rot (Pythium aphanidermatum) Rhizoctonia stem canker, Crown rot (Rhizoctonia solani)	oz./ 1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section. For sugar beets apply 3-7 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of AX AZOXY 229 with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. If cool soil conditions are expected after planting which could result in an extended period of plant emergence, AX AZOXY 229 should not be applied in-furrow. If using AX AZOXY 229 at the time of planting, do not use a starter fertilizer with it.

<sup>&</sup>lt;sup>1</sup> = Vegetable leaves of root and tuber subgroup

- 1) Do not apply more than 120 fl. oz. of product/A/year.
- 2) Do not apply more than 2.0 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 20.0 fl. oz. (0.33 lb Al) of this product per acre per application.
- 4) Do not make more than 20 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 5 days
- 6) Apply as an in-furrow spray in a minimum of 10 gallons per acre.
- 7) AX AZOXY 229 may be applied the day of harvest (0-day PHI).

<sup>&</sup>lt;sup>2</sup> = Root vegetable subgroup

		Use Rate	
Crop	Target	fl. oz.	
Ciop	_	product/A (lb.	Application Instructions
		a.i./A)	, , , , , , , , , , , , , , , , , , ,
Vegetables, Tuberous	Foliar Diseases	6.0-20.0	For powdery mildew, make preventative
and Corm, Subgroup 1C Arracacha	Alternaria leaf spot (Alternaria spp.,	1 -	applications on a 5- to 7-day schedule. For all other diseases, AX AZOXY 229 applications should begin
Arrowroot	A. Alternata)		prior to disease development and continue
Artichoke, Chinese and	Ascochyta leaf spot		throughout the season every 7-14 days following
Jerusalem	(Ascochyta cynarae)		the resistance management guidelines.
Canna, edible	Rust		Applications may be made by ground, air or
Cassava, edible,	(Uromyces betae,		chemigation. An adjuvant may be added at
bitter and sweet	Puccinia helianthi)		specified rates.
Chayote (root)	White rust		Do not apply more than one application of AX
Chufa	(Albugo tragopogonis)		AZOXY 229 or other Group 11 fungicides before
Dasheen (Taro) Ginger Leren Potato Sweet potato Tanier Tumeric	Cercospora leaf spot (Cercospora betae, C. pastinaceae) Powdery mildew (Erysiphe polygoni, Leveillula taurica)	9.0-15.5 (0.15-0.25)	alternation with a fungicide that is not in Group 11.
Yam, bean Yam, true	Soilborne Diseases Circular spot, Southern blight (Sclerotium rolfsii) Pythium root rot (Pythium aphanidermatum) Rhizoctonia stem canker, Crown rot (Rhizoctonia solani)	oz./	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.

- 1) Do not apply more than 120 fl. oz. of product/A/year.
- 2) Do not apply more than 2.0 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 20.0 fl. oz. (0.33 lb Al) of this product per acre per application.
- 4) Do not make more than 20 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 5 days
- 6) Do not apply within 14 days of harvest (14-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
1	Cercospora leaf spot ( <i>Cercospora</i> spp.)	(0.10-0.25)	AX AZOXY 229 applications should begin prior to disease development and continue throughout the season on a 7- to 10-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

- 1) Do not apply more than 93 fl. oz. of product/A/year.
- 2) Do not apply more than 1.5 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 4) Do not make more than 15 applications at the 6.0 fl. oz./A (0.10 lb. a.i./A) rate per year.
- 5) Minimum retreatment interval = 7 days
- 6) Do not apply within 7 days of harvest (7-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Cereals	Leaf Rust		AX AZOXY 229 should be applied prior to disease
Wheat	(Puccinia triticina =	(0.07-0.20)	development. Applications may be made by ground,
Triticale	Puccinia recondita f.sp. tritici) Septoria Leaf and Glume Blotch (Septoria tritici, Septoria nodorum) Stem Rust (Puccinia graminis) Stripe Rust (Puccinia striiformis) Tan Spot (Pyrenophora triticirepentis)		air or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicide before alternation with a fungicide that is not in Group 11.  Do not make more than two applications of AX AZOXY 229 or other Group 11 fungicide per season.
	Powdery Mildew ( <i>Erysiphe graminis</i> )	7.5-11.0 (0.125-0.175)	

- 1) Do not apply after Feekes 10.54.
- 2) Do not apply more than 0.40 lb. a.i./A/year of azoxystrobin-containing products.
- 3) Do not apply more than 24 fl. oz. of product/A/ year.
- 4) Do not apply more than 12.0 fl. oz. (0.20 lb Al) of this product per acre per application.
- 5) Do not make more than 6 applications at the 4.0 fl. oz./A (0.07 lb. a.i./A) rate per year.
- 6) Minimum retreatment interval = 14 days
- 7) Do not apply within 7 days (7-day PHI) for forage and hay.
- 8) Do not apply within 14 days of grazing (14-day PHI)

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Wild Rice	Brown spot (Bipolaris oryzae or Bipolaris sorokiana) Also known as Helminthosporium oryzae and H. sativum Stem rot (Nakataea sigmoidea)	(0.20-0.25)	AX AZOXY 229 should be applied prior to disease development. Applications may be made by ground, air, or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates. For foliar diseases, apply AX AZOXY 229 prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.  Do not apply more than two sequential applications of AX AZOXY 229 or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of AX AZOXY 229 or other Group 11 fungicide per season.

- 1) Do not treat wild rice 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 should use care in making applications near non-target aquatic habitats.
- 3) Do not apply more than 0.70 lb. a.i./A/year of azoxystrobin-containing products.
- 4) Do not apply more than 37.5 fl. oz. (0.61 lbs.AI) of product/A/year.
- 5) Do not apply more than 15.5 fl. oz. (0.25 lb Al) of this product per acre per application.
- 6) Do not make more than 2 applications at the 15.5 fl. oz./A (0.25 lb. a.i./A) rate per year.
- 7) Minimum retreatment interval = 7 days
- 8) Do not allow release of irrigation or flood water for at least 14 days after the last application.
- 9) Do not apply within 28 days of harvest (28-day PHI).

#### AX AZOXY 229 Rate Conversion Chart

Fl. oz. Product/A	Lb. a.i./A	Treated Acres/Gal. Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4

13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

### **POST HARVEST APPLICATIONS**

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Application Instructions
Bananas Plantains	Crown Rot/Crown Mold (Colletotrichum musae, Fusarium pallidoroseum, Acremonium spp. Ceratocystis paradoxa, Glomerella cingulata, Penicillium spp.)	ppm solution	Apply AX AZOXY 229 as a single application of a 200-400 ppm solution to achieve good coverage.  The application may be made as a spray, dip or be painted onto the cut ends of the bananas. Application of the 200 ppm rate is appropriate for short distance transportation (e.g. within the USA). When a longer time in transport is expected (export), use the 300-400 ppm rate. If alum (1% w/v) is added to the spray solution, stir the suspension frequently as sedimentation and flocculation may occur.  Addition of a non-ionic surfactant (0.10% v/v) may improve the compatibility of this mixture.  Amount of AX AZOXY 229 to Mix 100 Gallons for Post-Harvest Banana Applications  USE RATE 100 Gal. Spray Solution 200 ppm 11 fl. oz. 300 ppm 15 fl. oz. 400 ppm 21 fl. oz.

- 1) Do not make more than one application to bananas as post-harvest treatment.
- 2) AX AZOXY 229 may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.

#### STORAGE AND DISPOSAL

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

**Pesticide Storage** - Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

**Pesticide Disposal** - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Handling [less than or equal to 5 gallons] Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 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 and 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 [Bulk/Mini-Bulk]

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

**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. 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 puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

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

#### **CONDITIONS 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 at once, unopened, and the purchase price will be refunded.

The Directions tor Use of this product must be followed carefully. It is impossible to eliminate all risks

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