U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505T) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460	EPA Reg. Number: 89167-127	Date of Issuance: 2/20/24
NOTICE OF PESTICIDE: <u>X</u> Registration	Term of Issuance: Unconditional	
Reregistration (under FIFRA, as amended)	Unconditional	
	Name of Pesticide Product:	
	AX MYCLO 19.7EC AG	
Name and Address of Registrant (include ZIP Code):		
Karen Murphy		
Axion Ag Products, LLC		
1880 Fall River Drive Suite 100		
Loveland, Colorado 80538		
Note: Changes in labeling differing in substance from that accepted in connection with this registrat	ion must be submitted to a	nd accepted by the
Registration Division prior to use of the label in commerce. In any correspondence on this product a	always refer to the above E	PA registration number.
On the basis of information furnished by the registrant, the above under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFR Registration is in no way to be construed as an endorsement or red Agency. In order to protect health and the environment, the Admin time suspend or cancel the registration of a pesticide in accordanc any name in connection with the registration of a product under th giving the registrant a right to exclusive use of the name or to its u This product is unconditionally registered in accordance with FIFRA 1. Submit and/or cite all data required for registration/reregis product when the Agency requires all registrants of similar	A). commendation of histrator, on his m e with the Act. The his Act is not to be se if it has been co section 3(c)(5) pr tration/registratic	this product by the otion, may at any e acceptance of construed as overed by others. rovided that you: on review of your
	Data	
Signature of Approving Official:	Date:	
	2/20/24	
Stephanie Suarez, Ph.D., Acting Product Manager 21		
Fungicide Branch, Registration Division (7505T)		
EPA Form 8570-6		

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- 2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 89167-127."
  - Add an appropriate EPA Establishment Number and Net Contents information.
- 3. Submit one copy of the final printed label for the record before you release the product for shipment.

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

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

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

• Basic CSF dated 5/16/2023

If you have any questions, please contact Carmen Swinger at <a href="mailto:swinger.carmen@epa.gov">swinger.carmen@epa.gov</a>.

Enclosure

{Note to reviewer: [Text] in brackets denotes optional or explanatory language} {Note to reviewer: {Text} in braces denotes where in the final label text will appear} {BOOKLET FRONT PANEL LANGUAGE}



Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 00407 107

89167-127

# MYCLOBUTANIL GROUP 3 FUNGICIDE

# AX MYCLO 19.7EC AG

[A systemic, protectant and curative fungicide for disease control in the commercial production of almonds, apples, stone fruits, grapes, soybeans and cotton seed treatment]

#### **Active Ingredient:**

Myclobutanil: alpha-butyl-alpha-(4-chlorophehyl)-IH-I,2,4,triazble-I-propanenitrile	19.7%
OTHER INGREDIENTS:	<u>80.3%</u>
TOTAL	100.0%

Contains Petroleum Distillates

Contains 1.67 pounds of active ingredient per gallon

# KEEP OUT OF REACH OF CHILDREN. CAUTION

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

[Refer to Inside of label booklet for additional First Aid, Precautionary Statements and Directions for Use including Storage and Disposal.]

SHAKE WELL BEFORE USING

EPA Reg. No.: 89167-XXX

EPA Est. No.:

Net Contents: \_\_\_\_\_ Gal

Manufactured For: AXION AG PRODUCTS, LLC 1880 Fall River Drive, Suite 100 Loveland, CO 80538

021324

# {LANGUAGE INSIDE BOOKLET}

	FIRST AID
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed:	<ul> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have a person sip a glass of water if able to swallow.</li> <li>DO NOT induce vomiting unless told to do so by the poison control center or doctor.</li> <li>DO NOT give anything by mouth to an unconscious person.</li> </ul>
If on skin or clothing:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
NOTE TO PHYSICI	<b>AN:</b> Contains petroleum distillate - vomiting may cause aspiration pneumonia.
	HOTLINE NUMBER container or label with you when calling a poison control center or doctor, or going for ay also contact CHEMTREC at <b>1-800-424-9300</b> for emergency medical treatment information.

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

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# **PRECAUTIONARY STATEMENTS** Hazards to Humans and Domestic Animals

# CAUTION

Causes moderate eye irritation. Harmful if swallowed. 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.

# **Personal Protective Equipment (PPE)**

#### Applicators and other handlers must wear:

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

### **User Safety Requirements**

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

### **Engineering Controls**

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

## **User Safety Recommendations**

#### Users should:

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

#### **Environmental Hazards**

**DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** apply when weather conditions favor drift or runoff from treated areas. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

#### **Groundwater Advisory**

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

#### **Physical or Chemical Hazards**

Flammable. Keep away from heat and open flame.

# **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

**DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers are allowed in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

# AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

**DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours**. **DO NOT** allow entry into treated areas for workers engaged in girdling and turning treated table grapes for restricted entry interval REI of 2 days (48-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, including plants, soil, or water is:

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

#### NON-AGRICULTURAL USE REQUIREMENTS

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

DO NOT enter or allow others to enter treated areas until sprays have dried.

#### **Resistance Management**

**AX MYCLO 19.7EC AG** belongs to the sterol demethylation inhibitor (DMI) class of fungicides and is classified as Group 3 Fungicide by EPA. Since certain fungi can develop resistance to this class of products, the use of **AX MYCLO 19.7EC AG** must be part of a resistance management strategy that includes alternation and/or tank mixing with another fungicide mode of action. After two consecutive applications of **AX MYCLO 19.7EC AG**, another myclobutanil product or another DMI, rotate to a product that is effective on the target pathogen and has a mode of action different from **AX MYCLO 19.7EC AG**. Apply the alternate products within the intervals specified on the label for **AX MYCLO 19.7EC AG**. DO NOT apply **AX MYCLO 19.7EC AG** at rates below those specified on the label. If tank mixing, use the full label rate of **AX MYCLO 19.7EC AG** with the full label rates of other products effective on the target pest. 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 statement of each product in the tank. Consult your local or state agricultural authorities for resistance management strategies that are appropriate for your disease management program.

To delay development of fungicide/bactericide resistance, consider the following practices:

- Avoid the consecutive use of AX MYCLO 19.7EC AG or other target site of action Group 3 fungicides/bactericides that have a similar target site of action on the same pathogens.
- Use tank mixtures or premixes with fungicides/bactericides from different target site of action groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Base fungicide/bactericide use on a comprehensive Integrated Pest Management (IPM) program.
- Monitor treated fungal/bacterial populations for loss of field efficacy.
- Contact your local extension specialist, certified crop advisors, and/or manufacturer for fungicide/bactericide resistance management and/or IPM directions for specific crops and resistant 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

#### **Mandatory Spray Drift**

#### Aerial Applications

- **DO NOT** release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applications are to select nozzle and pressure that deliver a minimum of fine droplets as indicated in nozzle manufacturers' catalogues and in accordance with American Society of Agricultural & Biological Engineers Standard 641 (ASABE S641).
- **DO NOT** apply when wind speeds exceed 15 miles per hour 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.
- If the windspeed is 10 miles per hour or less, applicators must use ½ swath displacement upwind at the downwind edge of the field. When the windspeed is between 11-15 miles per hour, applicators must use ¾ swath displacement upwind at the downwind edge of the field.
- DO NOT apply during temperature inversions.

#### **Ground Boom Applications**

- User must only apply with the release height specified by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are to select nozzle and pressure that deliver a minimum of fine droplets as indicated in nozzle manufacturers' catalogues and in accordance with American Society of Agricultural & Biological Engineers Standard 572 (ASABE S572).
- DO NOT apply when wind speeds exceed 15 miles per hour
- **DO NOT** apply during temperature inversions

#### **Boom-less Ground Applications**

- Applicators are to select nozzle and pressure that deliver a minimum of fine droplets as indicated in nozzle manufacturers' catalogues and in accordance with American Society of Agricultural & Biological Engineers Standard 572 (ASABE 5572)
- DO NOT apply when wind speeds exceed 15 miles per hour
- 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 specified 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' directions for setting up nozzles. To reduce fine droplets, orient nozzles parallel with the airflow in flight.

#### **BOOM HEIGHT – Ground Boom**

For ground equipment, the boom must 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 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.

#### **Boomless Ground Applications:**

• Setting nozzles at the lowest effective height will help to reduce the potential for spray drift

#### Handheld Technology Applications:

• Take precautions to minimize spray drift

#### **PRODUCT INFORMATION**

**AX MYCLO 19.7EC AG** is a systemic, protectant and curative fungicide for disease control in the commercial production of almonds, apples, soybeans, stone fruits, grapes, and cotton seed treatment. Optimum disease control is achieved when the fungicide is applied in a regularly scheduled preventative spray program.

#### USE RATE DETERMINATION

Carefully read and follow label directions, including specified use rates and restrictions. For proper application, determine the size of the area to be treated, the. specified label application rate and the required gallonage for the area to be treated. Prepare only the amount of spray solution needed for the treatment area. Careful calibration of spray equipment is advised prior to use.

#### MIXING PROCEDURES

Be sure sprayer is clean and not contaminated with other materials prior to use. Fill the spray tank 1/4 to 1/2 full with clean water and start agitation. Be certain the agitation system is working properly and creates a rolling or rippling effect on the liquid surface. With the agitator running, add the required amount of **AX MYCLO 19.7EC AG** to the tank and finish filling tank. Always add **AX MYCLO 19.7EC AG** to the spray tank before adding other materials.

#### Compatibility:

**AX MYCLO 19.7EC AG** is compatible with most commonly used fungicides, insecticides, growth regulators, micronutrients and spray adjuvants. When preparing tank mixtures, refer to spray compatibility charts or consult with State Cooperative Extension Service specialist prior to use.

#### **Tank Mixing**

This product cannot be mixed with any product containing a label prohibition against such 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.

#### **ROTATIONAL CROPS**

Crops on this label may be planted immediately after the last treatment. **DO NOT** plant other crops within 30 days after the last application.

#### APPLICATION

**GROUND:** Thorough coverage sprays result in optimum disease control. To achieve good coverage use proper spray pressure, gallonage per acre, nozzles, nozzle spacing and tractor speed.

Consult manufacturer's spray nozzle and accessory catalogues for specific information on proper equipment calibration.

**AERIAL:** Apply in a minimum of 10 gallons of water per acre. Avoid application under conditions when uniform coverage cannot be obtained or when spray drift may occur.

HAND PRESSURIZED SPRAYERS: For best control of labeled diseases, achieve thorough coverage of all plant parts on a protectant application schedule.

#### **SPRINKLER IRRIGATION:**

**AX MYCLO 19.7EC AG** must be applied on a regular protectant fungicide schedule, not an irrigation schedule. Apply only through solid set or hand-move sprinkler irrigation systems. **DO NOT** apply product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal residues in the crop can result from nonuniform distribution of treated water. Greatest efficacy is achieved when the application of treated water does not exceed 1/4 inch per acre per application. If you have questions about calibration, contact State Extension Service specialists or equipment manufacturers.

**DO NOT** connect an irrigation system used for pesticide application to a public water system unless the pesticide labelprescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments as needed. Before applying **AX MYCLO 19.7EC AG** through sprinkler irrigation equipment, the chemigation system must meet the following specifications:

#### **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, discharge the water from the public water system 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.Systems not connected to a public water supply must contain a functional check valve, vacuum relief valve, and lowpressure drain appropriately located in the irrigation pipeline to prevent water source contamination from back flow

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

5. 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.

6. 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.

7. 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.

8. Systems must use a metering pump, including 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.

9. 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 back flow.

10. DO NOT apply when wind speed favors drift beyond the area intended for treatment.

#### Specific Instructions for Solid-Set and Hand Move Irrigation Equipment:

- Determine area covered by sprinkler.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 10 to 30 minute interval.
- Determine the amount of AX MYCLO 19.7EC AG required for area to be treated.
- Add the required amount of **AX MYCLO 19.7EC AG** into the same quantity of water used to calibrate the injection equipment.
- Maintain constant solution tank agitation during the injection period.
- Operate system at normal pressures specified by the manufacturer of the injection equipment and used for the time interval established during calibration.
- Inject **AX MYCLO 19.7EC AG** at the end of an irrigation cycle or as a separate application to maximize foliar absorption and retention.
- Stop injection equipment after treatment is completed. Continue to operate the system until the mixture of **AX MYCLO 19.7EC AG** has cleared the last sprinkler head.

#### **USE DIRECTIONS**

Best control of labeled diseases is achieved when MYCLOBUTANIL 20EW AG fungicide is applied on a 7 to 10 day application schedule. **AX MYCLO 19.7EC AG** is a systemic fungicide having protectant and curative properties that will translocate into new growth. For optimum control of listed diseases, application equipment spray nozzles must be adjusted to apply a uniform spray throughout the entire tree canopy.

The following use directions are to be used as guidance in determining the amount of **AX MYCLO 19.7EC AG** fungicide to be used per 100 gallons spray or per acre. Refer to specific tree fruit use directions to determine actual use rates for the control of labeled diseases.

#### DETERMINATION OF USE RATES ON AN ACRE BASIS FOR TREE CROPS:

The amount of **AX MYCLO 19.7EC AG** fungicide required per acre varies with tree size and the volume of fruit and foliage to be treated. The following table provides guidance for the determination of appropriate per acre use rates for **AX MYCLO 19.7EC AG**:

	Rate of AX MYCLO 19.7EC AG	
Tree Height (ft)	fl oz/acre (Ib ai)	
		u alj
	Apples Stone Fruits	
10 (or less)	4 to 8	4 to 6.4
	(0.5 - 0.10)	(0.5 - 0.08)
15	6 to 9.6	6.4 to 9.6
	(0.78 - 0.125)	(0.08 - 0.125)
20 (or more)	8 to 16	9.6
	(0.10 - 0.21)	(0.125)

#### CONCENTRATE SPRAY APPLICATIONS

Use **AX MYCLO 19.7EC AG** at the specified use rate per acre in either dilute or concentrate sprays. Use the following formula to determine the equivalent amount of product per acre in 2X, 3X, etc. spray solutions:

<u>fl oz of AX MYCLO 19.7EC AG /acre</u> X 100 = fl oz of AX MYCLO 19.7EC AG per 100 gallons Spray volume per acre (gallons)

Example: An apple orchard consisting of apple trees 18 feet in height will require 8 fluid ounces **AX MYCLO 19.7EC AG** for adequate apple scab control. Application equipment has been calibrated to apply 80 gallons spray per acre, therefore:

#### <u>0.8 fl oz of AX MYCLO 19.7EC AG /acre X 100</u> = 10 fl oz of AX MYCLO 19.7EC AG per 100 gallons

80 gallons per acre

#### DILUTE, THOROUGH COVERAGE APPLICATION

Dilute thorough coverage applications are based on the amount of spray solution required to thoroughly wet trees until spray run-off. The following specific use directions for apples utilizes a 400 gallon per acre dilute basis and the specific use directions for stone fruits utilize a 250 gallon per acre dilute basis.

Disease	Rate AX MYCLO 19.7EC AG		
	fl oz/100 Gal* (lb ai)	fl oz/acre (Ib ai)	APPLICATION DIRECTIONS
Blossom Blight	2.4 to 3.8	9.6 to 15.3	Begin applications at pink bud stage (about 5% bloom).
(Monilinia spp.)	(0.03 – 0.05)	(0.125 – 0.20)	If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Shothole ( <i>Stigmina</i> spp.)			
Rust ( <i>Tranzschelia</i> spp.)			Apply 11. 5 fl oz (0.15 lb ai) per acre. Begin application approximately 8 weeks after flowering if environmental conditions are favorable for disease development. For optimum disease control, <b>DO NOT</b> apply or
Anthracnose			an application schedule exceeding 21 days. The application of <b>AX MYCLO 19.7EC AG</b> for control of
Colletotrichum spp.)			blossom blight and shothole will suppress anthracnose

- Maximum Single Application Rate: 15.3 fl oz (0.20 lb ai)/A.
- DO NOT apply more than 46.0 fl oz (0.6 lb ai) of AX MYCLO 19.7EC AG/A/year.
- **DO NOT** make more than 3 applications/A/year.
- Minimum Retreatment Interval (RTI) = 21 days
- **DO NOT** apply within 90 days of harvest (90-day PHI).

\*Rate is based on standard dilute spray volume of 400 gallons per acre, or an equivalent amount of product per acre.

USE DIRECTIONS FOR APPLE AND MAYHAWS			
Disease	Rate of AX MYCLO 19.7EC AG fl oz/100 Gal* (lb ai)	APPLICATION DIRECTIONS	
Powdery Mildew ( <i>Podosphaera</i> spp.)	2.4 to 4.8 (0.03 to 0.06)	Begin application at tight cluster and continue through the second cover spray. Additional sprays beyond second cover may be needed on susceptible varieties or under heavy disease pressure. Use high label rate if powdery mildew was present in previous years.	
Rusts ( <i>Gymnosporangium</i> spp.)	2.4 to 3.8 (0.03 to 0.05)	Begin applications at pink stage and continue through the second cover spray.	

Scab ( <i>Venturis</i> spp.)	2.4 to 3.8	Begin application at green tip or when environmental conditions become favorable for primary scab development.
Prebloom	(0.03 to 0.05)	Apply <b>AX MYCLO 19.7EC AG</b> alone or tank mixed with a protectant fungicide on a 7- to 10-day schedule.
Scab (Venturis spp.)	2.4 to 3.8	Use <b>AX MYCLO 19.7EC AG</b> in a tank mixture with the specified rate of a protectant fungicide, registered for use on apples, for improved fruit scab
Bloom, Postbloom	(0.03 to 0.05)	and summer disease control.
Scab (Venturis spp.)	3.8	<b>AX MYCLO 19.7EC AG</b> provides 96 hour post-infection control or curative activity. Apply as soon as possible after infection period. Follow with a
Postinfection	(0.05)	standard preventative spray schedule.

- Maximum Single Application Rate: 4.8 fl oz (0.06 lb ai)/A.
- DO NOT apply more than 153 fl oz (2.0 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 12 applications when using the lowest rate of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 7 days
- DO NOT apply within 14 days of harvest (14-day PHI).

\*Rate is based on a dilute spray volume of 400 gallons per acre

USE DIRECTIONS FOR ARTICHOKE		
Diseases	Rate of AX MYCLO 19.7EC AG fl oz/A (lb ai)	APPLICATION DIRECTIONS
Powdery Mildew (Erysiphe	7.6	Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.
Cichoracearum spp.)	(0.10)	Apply uniformly in a spray volume that provides thorough coverage. Use a minimum of 30 gallons of spray volume per acre. Control may be reduced a low spray volumes or if spray coverage is not adequate. Consult your AXION AG PRODUCTS representative, extension
		specialist, certified crop advisor or your state agricultural experiment statio or any additional local use directions for your area.

- Maximum Single Application Rate: 7.6 fl oz (0.10 lb ai)/A.
- DO NOT apply more than 45.6 fl oz (0.6 lb ai) of AX MYCLO 19.7EC AG/A/year.
- **DO NOT** make more than 6 applications/A/year.
- Minimum Retreatment Interval (RTI): 14 days
- DO NOT apply within 3 days of harvest (3-day PHI).
- Rotational Crop Restriction: Crops with registered uses may be planted immediately after the last treatment. **DO NOT** plant other crops within 30 days after the last application.

Disease	Rate of AX MYCLO 19.7EC AG fl oz/A (lb ai)	APPLICATION DIRECTIONS
Powdery Mildew	3.8 - 7.6	Apply every 7-10 days during emergence to training growth stage. <b>DO NOT</b> apply less than 3.8 fl oz (0.05 lb ai) of <b>AX MYCLO 19.7EC AG</b> per acre or adequate
( <i>Uncinula</i> spp.) (0.05 – 0.	(0.05 – 0.10)	efficacy may not be achieved.
	7.6 - 11.4	Apply every 5-10 days during training to wire growth stage (prior to beginning of
	(0.10 – 0.15)	bloom when vines are rapidly growing).
		<b>DO NOT</b> apply less than 7.6 fl oz (0.10 lb ai) of <b>AX MYCLO 19.7EC AG</b> per acre or adequate efficacy may not be achieved.
-	11.4 - 19.0	Apply every 7-10 days during wire to 14 day pre-harvest stage.
		DO NOT apply less than 11.4 fl oz (0.15 lb ai) of AX MYCLO 19.7EC AG per acre of
	(0.15 – 0.25)	adequate efficacy may not be achieved.

Apply **AX MYCLO 19.7EC AG** in sufficient water for thorough coverage using ground equipment or by air in a minimum spray volume of 10 gallons of water per acre. Thorough coverage is essential. Use the shorter spray interval on susceptible varieties or under disease pressure.

Resistance Management: **AX MYCLO 19.7EC AG** belongs to the sterol demethylation inhibitor (DMI) class of fungicides and is classified as a Group 3 Fungicide by EPA. Since certain fungi can develop resistance to this class of products, use **AX MYCLO 19.7EC AG** as part of a resistance management strategy that includes alternation and/or tank mixing with fungicides of different modes of action. Consult your local or state agricultural authorities for resistance management strategies that are appropriate for your disease management program.

#### USE RESTRICTIONS

- Maximum Single Application Rate: 19.0 fl oz (0.25 lb ai)/A.
- DO NOT apply more than 76.6 fl oz (1.0 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 4 applications of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 7 days
- DO NOT apply within 14 days of harvest (14-day PHI).
- **DO NOT** graze livestock in treated areas or harvest crops grown in treated areas for silage or hay.
- Chemigation: **DO NOT** apply through any type of irrigation system.

USE DIRECTIONS FOR PEPPERMINT AND SPEARMINT		
Diseases	Rate of AX MYCLO 19.7EC AG fl oz/A (Ib ai)	APPLICATION DIRECTIONS
Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia</i> spp.)	7.6 - 9.5 (0.10 - 0.12)	Begin application in early spring when plants break dormancy. Continue applications on a 14- to 21 day application schedule.

#### USE RESTRICTIONS

• Maximum Single Application Rate: 9.5 fl oz (0.12 lb ai)/A.

• DO NOT apply more than 28.5 fl oz (0.375 lb ai) of AX MYCLO 19.7EC AG /A/year.

- DO NOT make more than 3 applications of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 14 days
- DO NOT apply within 30 days of harvest (30-day PHI).

	U	SE DIRECTIONS FOR SMALL FRUITS
Diseases	Rate of AX MYCLO 19.7EC AG fl oz/A (Ib ai)	APPLICATION DIRECTIONS
Bingleberry , black satin b Dewberry, Dirksen thornle	n the following meml erry, boysenberry, Ch ess berry, Himalayabe , olallieberry, Oregon	bers of the berries group including varieties and/or hybrids bers of the berries group including varieties and/or hybrids berokee blackberry, Chesterberry, Cheyenne blackberry, Coryberry, Darrowberry erry, hullberry, Lavacaberry, Iowberry, Lucretia berry, mammoth blackberry, evergreen berry, phenomenalberry, rangeberry, ravenberry, rossberry,
Cane and Leaf Rust ( <i>Kuehneola</i> spp.)	2.37 - 4.75	Initiate applications as early as bud break and continue at 10- to 14day intervals, depending on the disease(s) to be controlled.
Orange Rust (Arthuriomyces spp.)	(0.031 to 0.06)	Use the shorter spray interval under heavy disease pressure.
Powdery Mildew ( <i>Sphaerotheca</i> spp.)		
Yellow Rust		
Applications may be main from the main	ade up to the day of H	narvest PHI = 0 days.
Powdery Mildew	9.5	Make applications at pre-bloom, full bloom and 2 weeks later.
(Sphaerotheca spp.)	(0.12)	
	cation Rate: 9.5 fl oz an 76.6 fl oz (1.0 lb ai an 8 applications of <b>A</b> : Interval (RTI) = 14 da	) of <b>AX MYCLO 19.7EC AG</b> /A/year. <b>XX MYCLO 19.7EC AG</b> /A/year. Nys
	0.5	
Anthracnose ( <i>Drepanopeziza</i> spp.)	9.5 (0.12)	Begin applications when the first leaf has completely unfolded, then at 10- to 14-day intervals as long as environmental conditions favor.
Powdery Mildew (Sphaerotheca spp.)	()	Make applications at pre-bloom, full bloom and 2 weeks later.
	cation Rate: 9.5 fl oz ( an 76.6 fl oz (1.0 lb ai	0.12 lb ai)/A. of <b>AX MYCLO 19.7EC AG</b> /A/year. <b>XX MYCLO 19.7EC AG</b> /A/year.

#### • Minimum Retreatment Interval (RTI) = 10 days

• Applications may be made up to the day of harvest PHI = 0 days.

Raspberry				
Cane and Leaf Rust ( <i>Kuehneola</i> spp.)	2.37 - 4.75	Initiate applications as early as bud break and continue at 10- to 14 day intervals, depending on the disease(s) to be controlled.		
Leaf Spot ( <i>Sphaeruiina</i> spp.)	(0.031 to 0.06)	Use the shorter spray interval under heavy disease pressure.		
Orange Rust (Arthuriomyces spp.)				
Powdery Mildew (Sphaerotheca spp.)				
Yellow Rust ( <i>Phragmidium</i> spp.)				

#### **CROP SPECIFIC USE RESTRICTIONS**

- Maximum Single Application Rate: 4.75 fl oz (0.06 lb ai)/A.
- DO NOT apply more than 19 fl oz (0.25 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 8 applications at the lowest rate 2.37 fl oz (0.031 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 4 applications at the highest rate 4.75 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 10 days
- Applications may be made up to the day of harvest PHI = 0 days.

Strawberry		
Powdery Mildew	4.75 - 9.5	Begin applications when disease first appears or when conditions favor disease
(Sphaerotheca spp.)		development. Repeat applications at 14- to 21 -day intervals.
Leaf Spot ( <i>Mycosphaerel/a</i> spp.) Leaf Blight ( <i>Phomopsis</i> spp.)	(0.06 to 0.12)	<ul> <li>Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.</li> </ul>

#### **CROP SPECIFIC USE RESTRICTIONS**

- Maximum Single Application Rate: 9.5 fl oz (0.12 lb ai)/A.
- DO NOT apply more than 57.5 fl oz (0.75 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 12 applications at the lowest rate 4.75 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 6 applications at the highest rate 9.5 fl oz (0.12 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 14 days
- Applications may be made up to the day of harvest PHI = 0 days.

USE DIRECTIONS FOR SOYBEAN			
Disease	Rate of AX MYCLO 19.7EC AG fl oz/A (lb ai)	APPLICATION DIRECTIONS	
Soybean Rust	4.8 - 9.6	Apply using ground or aerial equipment, in an adequate spray volume to	
(Phakopsora pachyrhizi)	(0.06 – 0.125)	achieve good coverage and canopy penetration.	
		Aerial application: Apply <b>AX MYCLO 19.7EC AG</b> in a minimum spray volume of 5 gallons per acre. For best results, apply as early as possible, prior to infection or at first sign of disease, and make subsequent applications at 10- to 14 day intervals. For established disease, use the higher rate in the rate range.	

- Maximum Single Application Rate: 9.6 fl oz (0.125 lb ai)/A.
- DO NOT apply more than 19.2 fl oz (0.25 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 4 applications at the lowest rate 4.8 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 2 applications at the highest rate 9.6 fl oz (0.125 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 10 days
- DO NOT apply within 28 days of harvest (28-day PHI).
- Rotational Crops: Fields treated with **AX MYCLO 19.7EC AG** can be rotated at any time to crops that are listed on a registered myclobutanil label immediately after the last treatment.
- DO NOT plant other crops within 30 days after the last application of a product containing myclobutanil.

# USE DIRECTIONS FOR STONE FRUITS (Applications may be made up to the day harvest)

CHERRIES				
Diseases	Rate AX MYCLO 19.7EC AG			
	fl oz/100 Gal* (lb ai)	fl oz/acre (Ib ai)	APPLICATION DIRECTIONS	
Brown Rot Blossom Blight <i>(Monilinia</i> spp.)	2.4 to 3.8 (0.031 to 0.05)	4.8 to 11.5 (0.06 to 0.15)	Begin application at early popcorn stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and petal fall.	
Brown Rot Fruit Rot ( <i>Monilinia</i> spp.)	-		Refer to Apricots	
Powdery Mildew ( <i>Podosphaera</i> and <i>Sphaerotheca</i> spp.)			Refer to Apricots	
Leaf Spot (Blumeriella spp.)			Follow brown rot blossom blight schedule and continue application at a 7- to 10-day interval. Make additional applications after harvest.	

#### USE RESTRICTIONS

- Maximum Single Application Rate: 11.5 fl oz (0.15 lb ai)/A.
- **DO NOT** apply more than 100 fl oz (1.3 lb ai) of **AX MYCLO 19.7EC AG**/A/year.
- DO NOT make more than 20 applications at the lowest rate 4.8 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 8 applications at the highest rate 11.5 fl oz (0.15 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 7 days

• **DO NOT** apply within 0 days of harvest (0-day PHI).

\*Rate is based on standard dilute spray volume of 250 gallons per acre, or an equivalent amount of product per acre.

NECTARINES				
Diseases	Rate AX MYCLO 19.7EC AG			
	fl oz/100 Gal* (lb ai)	fl oz/acre (lb ai)	APPLICATION DIRECTIONS	
Brown Rot Blossom Blight	2.4 to 3.8	4.8 to 11.5	Begin application at early pink bud stage before infection occurs. If conditions are favorable for disease development,	
(Monilinia spp.)	(0.031 to 0.05)	(0.06 to 0.15)	apply again at full bloom and petal fall.	
Brown Rot Fruit Rot ( <i>Monilinia</i> spp.)			Refer to Apricots	
Powdery Mildew (Podosphaera and Sphaerotheca spp.)			Refer to Apricots	
Shothole (Stigmina spp.)	-		Follow brown rot blossom blight schedule making additional applications at 7- to 10- day intervals as long as needed.	

- Maximum Single Application Rate: 11.5 fl oz (0.15 lb ai)/A.
- DO NOT apply more than 100 fl oz (1.3 lb ai) of AX MYCLO 19.7EC AG /A/year.
- DO NOT make more than 20 applications at the lowest rate 4.8 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 8 applications at the highest rate 11.5 fl oz (0.15 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 7 days
- **DO NOT** apply within 0 days of harvest (0-day PHI).

\*Rate is based on standard dilute spray volume of 250 gallons per acre, or an equivalent amount of product per acre.

Diseases	Rate AX MYCLO 19.7EC AG		
	fl oz/100 Gal* (lb ai)	fl oz/acre (lb ai)	APPLICATION DIRECTIONS
Brown Rot Blossom Blight <i>(Monilinia</i> spp.)	2.4 to 3.8 (0.031 to 0.05)	4.8 to 11.5 (0.06 to 0.15)	Begin application at early pink bud stage before infection occurs. If conditions are favorable for disease development, apply again at full bloom and petal fall.
Brown Rot Fruit Rot ( <i>Monilinia</i> spp.)			Refer to Apricots
Powdery Mildew (Podosphaera spp.)			Refer to Apricots
Rust (Tranzschelia spp.)			Apply 11.5 fl oz (0.15 lb ai) per acre. Begin application approximately 8 weeks after flowering if environmental conditions are favorable for disease development. For optimum disease control. <b>DO NOT</b> apply on an application schedule exceeding 21 days.

- Maximum Single Application Rate: 11.5 fl oz (0.15 lb ai)/A.
- $\bullet$  DO NOT apply more than 100 fl oz (1.3 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 20 applications at the lowest rate 4.8 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 8 applications at the highest rate 11.5 fl oz (0.15 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 7 days
- DO NOT apply within 0 days of harvest (0-day PHI).

\*Rate is based on standard dilute spray volume of 250 gallons per acre, or an equivalent amount of product per acre.

PLUMS/PRUNES				
	Rate AX MYCLO 19.7EC AG			
Diseases	fl oz/100 Gal* (lb ai)	fl oz/acre (lb ai)	APPLICATION DIRECTIONS	
Brown Rot Blossom Blight <i>(Monilinia</i> spp.)	2.4 to 3.8 (0.031 to 0.05)	4.8 to 11.5 (0.06 to 0.15)	Begin application at green tip, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and petal fall.	
Rust ( <i>Tranzschelia</i> spp.)			Refer to Peaches	

#### USE RESTRICTIONS

•Maximum Single Application Rate: 11.5 fl oz (0.15 lb ai)/A.

•DO NOT apply more than 84 fl oz (1.1 lb ai) of AX MYCLO 19.7EC AG /A/year.

- DO NOT make more than 17 applications at the lowest rate 4.8 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 7 applications at the highest rate 11.5 fl oz (0.15 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI) = 7days
- DO NOT apply within 0 days of harvest (0-day PHI).

\*Rate is based on standard dilute spray volume of 250 gallons per acre, or an equivalent amount of product per acre.

Tropical Fruits - Black Sapote, Canistel, Mamey Sapote, Mango, Papaya, Sapodilla, and Star Apple			
Disease	Rate of AX MYCLO 19.7EC AG fl oz/A (lb ai)	APPLICATION DIRECTIONS	
Powdery mildew (Oidium caricae)	19.0	Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.	
	(0.25)	Apply uniformly in a spray volume that provides thorough coverage of the fruit and foliage. Control may be reduced at low spray volumes or if spray coverage is not adequate.	
		Consult your AXION AG PRODUCTS representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use directions for your area.	

- Maximum Single Application Rate: 19.0 fl oz (0.25 lb ai)/A.
- DO NOT apply more than 152 fl oz (2.0 lb ai) of AX MYCLO 19.7EC AG/A/year.
- **DO NOT** make more than 8 applications/year.
- Minimum Retreatment Interval (RTI): 14 days
- DO NOT apply within 0 days of harvest (0-day PHI).
- Rotational Crop Restriction: DO NOT plant any crop other than those listed on the main label for 12 months following the last application of AX MYCLO 19.7EC AG.

#### USE DIRECTIONS FOR VEGETABLES

Vegetables - Asparagus			
Disease	Rate of AX MYCLO 19.7EC AG fl oz/A (lb ai)	APPLICATION DIRECTIONS	
Rust ( <i>Puccinia</i> spp.)	9.5 (0.12)	Begin applications to the developing ferns after harvest has taken place. Repeat applications on a schedule not to exceed 14 days. Apply with a spray adjuvant that is registered for this specific use pattern to obtain good spray coverage and disease control.	
USE RESTRICTIONS			

- **DO NOT** apply to harvestable spears.
- Maximum Single Application Rate: 9.5 fl oz (0.12 lb ai)/A.
- DO NOT apply more than 57 fl oz (0.75 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT apply within 180 days of harvest (180-day PHI) in all states except California
  - When a 180-day treatment to harvest interval is used, DO NOT make more than 6 applications of 9.5 fl. oz. of (0.12 lb ai) per growing season. This is equivalent to 57.0 fl oz product (0.75 lb ai)/A/ year.
  - When a 30-day treatment to harvest interval is used, DO NOT make more than 4 applications of 9.5 fl oz (0.12 lb ai) or 38.0 fl oz of product (0.50 lb ai)/A/year.
- Minimum Retreatment Interval (RTI): 14 days
- In California, either a 30 or 180 day treatment to harvest interval may be used.

#### **Vegetables - Cucurbits**

Including: balsam apple, bitter melon, cantaloupe, casaba, Chinese cucumber, Chinese waxgourd, citron melon, crenshaw melon, cucumber, golden pershaw melon, edible gourd, ornamental gourd, honey balls, honeydew melon, mango melon, Persian melon, pineapple melon, pumpkin, Santa Claus melon, snake melon, summer squash, winter squash, and watermelon

Diseases	Rate of AX MYCLO 19.7EC AG fl oz/A (Ib ai)	APPLICATION DIRECTIONS
Powdery Mildew (Erysiphe and Sphaerotheca spp.)	4.75-9.5 (0.06 to 0.12)	Begin application at first sign of disease development and continue on a 7- to 10-day application schedule. For the control of other foliar cucurbit diseases, make co-applications of registered protectant fungicides according to label use directions.

- Maximum Single Application Rate: 9.5 fl oz (0.12 lb ai)/A.
- DO NOT apply more than 46.0 fl oz (0.6 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 9 applications at the lowest rate 4.75 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 4 applications at the highest rate 9.5 fl oz (0.12 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI): 7 days
- Applications may be made up to, and including the day of harvest.
- Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.

Disease	Rate of AX MYCLO 19.7EC AG fl oz/A (Ib ai)	APPLICATION DIRECTIONS
Powdery mildew ( <i>Erysiphe</i>	9.5	Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.
ichoracearum spp.) (0.12)	Apply uniformly in a spray volume that provides thorough coverage. Control may be reduced at low spray volumes or if spray coverage is not adequate.	
		Consult your <b>AXION AG PRODUCTS</b> representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use directions for your area.

- Maximum Single Application Rate: 9.5 fl oz (0.12 lb ai)/A.
- DO NOT apply more than 38.0 fl oz (0.5 lb ai) of AX MYCLO 19.7EC AG/A/year.
- **DO NOT** make more than 4 applications per year.
- Minimum Retreatment Interval (RTI): 14 days
- DO NOT apply within 3 days of harvest (3-day PHI).

Vegetables - Okra (Not for Use In the States of Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming)			
Disease	Rate of AX MYCLO 19.7EC AG fl oz/A (lb ai)	APPLICATION DIRECTIONS	
Powdery mildew (Sphaerotheca	4.75-9.5	Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.	
<i>Fuliginea</i> spp.)	(0.06 to 0.12)	Apply uniformly in a spray volume that provides thorough coverage of the fruit and foliage. Control may be reduced at low spray volumes or if spray coverage is not adequate.	
		A lower rate and 14-day re-treatment interval may be used for small plants and under low disease pressure conditions.	
		The highest rate and shorter re-treatment interval are advised for larger plants and severe or threatening disease conditions. If reliable predictive modeling (risk index) systems area available, these can help to indicate disease pressure conditions.	
		Consult your <b>AXION AG PRODUCTS</b> representative, extension specialist, certified crop advisor or your state agricultural experiment station for any	

	additional local use directions for your area.

- Maximum Single Application Rate: 9.5 fl oz (0.12 lb ai)/A.
- **DO NOT** apply more than 38.0 fl oz (0.5 lb ai) of **AX MYCLO 19.7EC AG**/A/year.
- DO NOT make more than 8 applications at the lowest rate 4.75 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 4 applications at the highest rate 9.5 fl oz (0.12 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI): 10
- Pre-harvest Interval: None

	1	evada, Oregon, Utah, Washington, Wyoming)
	Rate of AX MYCLO 19.7EC AG fl oz/A (Ib ai)	
Disease		APPLICATION DIRECTIONS
		AFFEICATION DIRECTIONS
Powdery mildew ( <i>Leveillula taurica</i> spp.)	4.75-9.5 (0.06 to 0.12)	Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.
		Apply uniformly in a spray volume that provides thorough coverage of the frui and foliage. Control may be reduced at low spray volumes or if spray coverage is not adequate.
		A lower rate and 14-day re-treatment interval may be used for small plants and under low disease pressure conditions.
		The highest rate and shorter re-treatment interval are advised for larger plants and severe or threatening disease conditions. If reliable predictive modeling (risk index) systems area available, these can help to indicate disease pressure conditions. Consult your <b>AXION AG PRODUCTS</b> representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use directions for your area.

- Maximum Single Application Rate: 9.5 fl oz (0.12 lb ai)/A.
- DO NOT apply more than 38.0 fl oz (0.5 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 8 applications at the lowest rate 4.75 fl oz (0.06 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 4 applications at the highest rate 9.5 fl oz (0.12 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI): 10
- Pre-harvest Interval: None

Vegetables - Snap Beans		
Diseases	Rate of AX MYCLO 19.7EC AG fl oz/A (lb ai)	APPLICATION DIRECTIONS
Rust ( <i>Uromyces</i> spp.) Pod Tip Rot ( <i>Rhizoctonia</i> spp.)	7.6 - 9.5 (0.10 to 0.12)	Begin applications when rust is first observed. For pod tip rot, begin applications when pods begin to develop. Continue applications on a 7- to 10-day schedule if conditions remain favorable for disease development.

- Maximum Single Application Rate: 9.5 fl oz (0.12 lb ai)/A.
- DO NOT apply more than 38.0 fl oz (0.5 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 5 applications at the lowest rate 7.6 fl oz (0.10 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 4 applications at the highest rate 9.5 fl oz (0.12 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI): 7 days
- Applications may be made up to, and including the day of harvest.
- Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.

Vegetables - Tomatoes		
Disease	Rate of AX MYCLO 19.7EC AG fl oz/A (lb ai)	APPLICATION DIRECTIONS
Powdery Mildew ( <i>Leveillua</i> spp.)	4.75 - 7.6 (0.06 to 0.10)	<ul> <li>Begin applications at the first sign of disease or when environmental conditions are favorable for disease development.</li> <li>Apply using a minimum of 20 gallons of water per acre by ground or a minimum of 10 gallons of water by air.</li> </ul>

- Maximum Single Application Rate: 7.6 fl oz (0.10 lb ai)/A.
- DO NOT apply more than 38.0 fl oz (0.5 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 8 applications at the lowest rate 4.75 fl oz (0.06 lb ai) of X MYCLO 19.7EC AG/A/year.
- DO NOT make more than 5 applications at the highest rate 7.6 fl oz (0.10 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI): 21 days
- Applications may be up to, and including the day of harvest.
- Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.

USE DIRECTIONS FOR NON-FOOD USE		
Diseases	Rate of AX MYCLO 19.7EC AG fl oz/A (lb ai)	APPLICATION DIRECTIONS
Hybrid Poplar (For use	in nurseries or forested a	reas used for wood pulp production)
Rust ( <i>Melampsora</i> spp.)	7.6 - 11.4 (0.10 to 0.15)	Begin applications at the first sign of disease and repeat applications at 10- to 14-day intervals.
Douglas Fir (Nursery U	se Only)	
Needle Rust ( <i>Melampsora</i> spp.)	9.5 - 19.0 (0.12 to 0.25)	Begin applications in early spring. Continue applications at 2 to 3 week intervals until the threat of infection is past.
		Apply with a spray adjuvant that is registered for this specific use pattern to obtain good spray coverage and disease control.
Loblolly Pine (Nursery	Use Only)	<u>.</u>

Fusiform Rust (Cronartium guercuum)	9.5 - 19.0 (0.12 to 0.25)	Begin applications in early spring. Continue applications at 2 to 3 week intervals until the threat of infection is past.
		Apply with a spray adjuvant that is registered for this specific use pattern to obtain good spray coverage and disease control.

• Maximum Single Application Rate: 19.0 fl oz (0.25 lb ai)/A.

• DO NOT apply more than 46.0 fl oz of AX MYCLO 19.7EC AG (0.6 lb ai)/A/year.

- DO NOT make more than 6 applications at the lowest rate 7.6 fl oz (0.10 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 2 applications at the highest rate 19.0 fl oz (0.25 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI): 10 days

#### USE DIRECTIONS FOR GRAPE

Thorough spray coverage is essential for good disease control. Apply AX MYCLO 19.7EC AG in sufficient spray volume to ensure complete and uniform coverage.

Diseases	Rate of AX MYCLO 19.7EC AG fl oz/A (Ib ai)	APPLICATION DIRECTIONS
Anthracnose ( <i>Elsinoe</i> spp.)	6-10 (0.08 to 0.13)	Begin application when new shoots are 1 to 3 inches in length and continue on an application schedule that <b>does not</b> exceed 14 days.
Black Rot ( <i>Guignardia</i> spp.)		<ul> <li>Preventative Schedule: Begin application when new shoots are 1 to 3 inches in length and continue applications on an application schedule that does not exceed 14 days. Use higher rate in rate range under heavy disease pressure.</li> <li>Post-infection Schedule: Apply within 72 hours after the beginning of an infection period.</li> </ul>
Powdery mildew ( <i>Uncinula</i> spp.)		Begin application at prebloom (12- to 18-inch shoots) and <b>DO NOT</b> extend applications beyond a 21-day interval. Use higher rate in rate range or shorter spray interval on susceptible varieties or under heavy disease pressure.

#### **USE RESTRICTIONS**

- Maximum Single Application Rate: 10 fl oz (0.13 lb ai)/A.
- DO NOT apply more than 46.0 fl oz of AX MYCLO 19.7EC AG (0.6 lb ai)/A/year.
- DO NOT make more than 7 applications at the lowest rate 6.0 fl oz (0.08 lb ai) of AX MYCLO 19.7EC AG/A/year.
- DO NOT make more than 4 applications at the highest rate 10.0 fl oz (0.13 lb ai) of AX MYCLO 19.7EC AG/A/year.
- Minimum Retreatment Interval (RTI): 7 days
- The REI for workers engaged in girdling and turning treated table grapes is 2 days (48-hours). [Except CA]
- DO NOT apply within 14 days of harvest (14-day PHI).

#### Aid in the Control of Certain Vine Diseases Following Pruning in Grapevines

To protect pruning wounds from vine diseases caused by Botryosphaeria rhodina, Eutypa lata, Phaeoacremonium aleophilum or Phaeomoniella chlamydospora, apply **AX MYCLO 19.7EC AG** at 9.5 fl oz per acre in 50 gallons of water per acre using power operated ground application equipment. Lower application volumes may be used only if the spray thoroughly wets all susceptible grapevine tissue and the same ratio of **AX MYCLO 19.7EC AG** to water is maintained: 7.6 fl oz of **AX MYCLO 19.7EC AG** per acre in 32 gallons of water per acre. Control may be reduced at these lower application rates. **DO NOT** apply less than 7.6 fl oz of **AX MYCLO 19.7EC AG** per acre per acre per application.

Apply as a directed spray immediately after pruning (within 24 hours). Assure thorough coverage of cordons, spurs and all cut wood surfaces. A second application approximately two weeks later is advised. A second application is necessary if rainfall occurs or if humid conditions persist.

Double pruning involves two pruning passes. Canes first are cut non-selectively to a uniform height. Later, selective pruning reduces canes to their final spur length. When conditions **DO NOT** favor infections developing beyond where the final pruning cuts will be made, the first pass pruning cuts **DO NOT** need to be treated. In this case, apply **AX MYCLO 19.7EC AG** immediately after the second pruning only. Make a second application approximately two weeks later if rainfall occurs or is expected, or if conditions favor spore dispersal and germination. If there is risk of infection moving beyond the second set of pruning cuts, make applications after the first and second prunings.

The addition of a labeled rate of a registered organosilicone spray adjuvant may increase penetration into cut wood surfaces. It is the responsibility of the user to assure that the organosilicone spray adjuvant is safe to the crop under the existing conditions of use. Addition of a registered spray dye to the tank mix, and visual inspection of pruning cuts after application, is advised to assure thorough coverage of all susceptible tissue.

#### Specific Use Restrictions:

- DO NOT apply more than 10 fl oz (0.13 lb ai) of AX MYCLO 19.7EC AG/A/year including these applications and applications for powdery mildew control.
- The REI for workers engaged in girdling and turning treated table grapes is 2 days (48-hours).
- DO NOT apply within 14 days of harvest (14-day PHI).

#### **Cotton Seed Treatment**

Use **AX MYCLO 19.7EC AG** as a seed treatment to protect against sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*), diseases which impair good cotton seed germination and seedling development. **AX MYCLO 19.7EC AG** may be applied to dry seed with conventional slurry or mist seed treating equipment. This product can be pumped or poured directly into the cotton seed treater provided the specified amount of product is applied. For best results, the seed must be completely and uniformly covered with fungicide. **AX MYCLO 19.7EC AG** can be tank mixed with other properly labeled cotton seed protectants including metalaxyl EPA registered products for Pythium control. **DO NOT** tank mix with products whose labels contain a prohibition against tank mixing.

#### **Commercial Cotton Seed Treatment**

#### Seed Bag Label Requirements

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

- This seed has been treated with AX MYCLO 19.7EC AG, a fungicide containing the active ingredients myclobutanil.
- DO NOT use for food, feed, oil production or any other purpose except planting.

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

- Store treated seed away from food and feedstuffs.
- DO NOT allow children, pets, or livestock to have access to treated seeds.
- **DO NOT** allow livestock to graze cotton plants grown from treated seed.
- Wear long pants, long-sleeved shirt and protective gloves when handling treated seed.
- Treated seeds exposed on the soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- Dispose of all excess treated seed by burying seed away from bodies of water.
- DO NOT contaminate bodies of water when disposing of planting equipment wash water.
- Dispose of seed packaging or containers in accordance with local requirements.
- Excess treated seed may be used for ethanol production if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.

In California, this product must be applied through a closed system including WECO-RED (Returnable Evacuation Device).

Use 1.52 to 4.75 fl oz of **AX MYCLO 19.7EC AG** (0.019 to 0.062 lb ai) per 100 lb of cotton seed to reduce seedling damage caused by sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*).

• DO NOT apply by seed treatment more than 4.75 fl oz AX MYCLO 19.7EC AG (0.062 lb ai)/A/year.

For cotton seed treatment, always use **AX MYCLO 19.7EC AG** with an EPA approved dye or colorant that imparts an unnatural color to seed.

Commercial treatment of seeds is not subject to the WPS.

# **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in a cool, dry secure area at temperatures above freezing.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is 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 at the nearest EPA Regional Office for guidance.

#### CONTAINER HANDLING:

[For containers ≤ 5 gallons:] Nonrefillable container: DO NOT reuse or refill this container.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Nonrefillable Containers Larger than 5 Gallons:] Nonrefillable container: DO NOT reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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.

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

#### OR

Refillable container. Refill this container with pesticide only: **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal. empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

#### 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 should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of AXION AG PRODUCTS LLC or Seller, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold AXION AG PRODUCTS LLC and Seller harmless for any claims relating to such factors.

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