

# Arius™ 250

Azoxystrobin Group II Fungicide



For control of listed diseases on Almonds; Artichoke, globe; Asparagus; Barley; Berry, low growing subgroup 13-07G (except cranberry); Brassica head & stem subgroup; Brassica, leafy greens subgroup; Bulb vegetables crop group 3-07; Carrots; Corn, field, pop, sweet (includes seed production); Cucurbits; Fruiting vegetables crop group 8-10; Grapes and other small fruit vine climbing subgroup 13-07F (except fuzzy kiwifruit); Herbs & spices (except black pepper), crop group 19; Leafy vegetables (except brassica); Legume vegetables, dry & succulent and legume vegetables, foliage of any cultivar of bean (*phaseolus* spp.) and field pea (*pisium* spp.); Peanuts; Pecans; Pistachios; Potatoes; Rice; Soybean; Stone fruit; Tomatoes; Tree nuts; Vegetables, leaves of root and tuber group and root subgroup; Vegetables, tuberous and corm subgroup; Wheat and triticale; and Wild rice.

**ACTIVE INGREDIENT:**

Azoxystrobin: methyl (E)-2-[2-6-(2-cyanophenoxy)pyrimidin-4-ylloxyphenyl]-3-methoxyacrylate\* ..... 22.93%

**OTHER INGREDIENTS:** ..... 77.07%

**TOTAL:** ..... 100.00%

\*IUPAC

Contains 2.08 lbs Azoxystrobin per gallon.

## KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

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

**FIRST AID**

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything to an unconscious person.

**IF ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**IF IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

**IF INHALED:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**Emergency Phone Numbers:**

(800) 424-9300 CHEMTREC (transportation and spills)  
(800) 222-1222 Poison Control Center

See additional Precautionary Statements and Directions for Use inside booklet.

NET CONTENTS: 2.5 Gallons (9.46 L)

Manufactured for:  
SIPCAM AGRO USA, INC.  
2525 Meridian Parkway  
Durham, NC 27713

# 2.5G

EPA Reg. No. 60063-59  
EPA Est. No.: 60063-GA-001 –  
Lot number begins with VL  
EPA Est. No.: 70815-GA-001 –  
Lot number begins with CB  
EPA Est. No.: 86555-MO-001 –  
Lot number begins with AF



**SIPCAM AGRO**  
USA, INC.

EPA 20200106 (01/20)

READ THE ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Warning.** May be fatal if swallowed. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. 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
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyethylene, polyvinyl chloride (PVC)  $\geq$  14 mils, or viton  $\geq$  14 mils

### 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.

### USER SAFETY RECOMMENDATIONS

Users should:

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

### ENVIRONMENTAL HAZARDS

Azoxystrobin 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 Sipcam Agro USA, Inc. 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 this product 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.

**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.

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

### 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), restricted-entry interval and notification to workers. The requirements in this box 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
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not 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. The area being treated must be vacated by unprotected persons.

Do not treat while unprotected humans or domestic animals are present in the treatment areas. Because certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

**Do not allow entry into treatment area until the area that was treated with this product is dried.**

### PRODUCT INFORMATION

This product is a broad spectrum, preventative fungicide with systemic and curative properties. This product 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

- **DO NOT** graze or feed clippings from treated turf areas to animals.
- This product 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 this product where spray drift may reach apple trees. **DO NOT** use spray equipment which has been previously used to apply this product 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.**

#### SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outer most nozzles on the boom must not exceed  $\frac{3}{4}$  the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed.

#### Aerial Drift Reduction Information

##### INFORMATION ON DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential but will not prevent drift if applications are made improperly, or under unfavorable conditions (see WIND, TEMPERATURE).

##### CONTROLLING DROPLET SIZE

- Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- Pressure - Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- Number of nozzles - Use the minimum number of nozzles that provide uniform coverage.
- Nozzle orientation - Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- Nozzle type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift potential.

##### BOOM LENGTH

For some use patterns, reducing the effective boom length to less than  $\frac{3}{4}$  of the wingspan or rotor length may further reduce drift without reducing swath width.

## WIND

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

## TEMPERATURE AND HUMIDITY

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

## TEMPERATURE INVERSIONS

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified 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.

## APPLICATION HEIGHT

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

## SWATH ADJUSTMENT

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, small drops, etc.).

## 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 the product with Dipel®, 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.

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. When an adjuvant is used with this product, use a Council of Producers and Distributors of Agrotechnology (CPDA) certified adjuvant.

## Applications through Sprinkler Irrigation Systems (Chemigation)

Apply this product only through center pivot, motorized lateral move, traveling gun, solid set and portable (wheel move, side roll, end tow, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system. Use only on crops specifically designated in the **Crop Use Directions**.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

**DO NOT** apply this product through irrigation systems connected to a public water system. '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.

Controls for both irrigation water and pesticide injection systems must be functionally interlocked, so as to automatically terminate pesticide injection when the irrigation water pump motor stops. A person knowledgeable of the irrigation system and responsible for its operation shall be present so as to discontinue pesticide injection and make necessary adjustments, should the need arise.

The irrigation water pipeline must be fitted with a functional, automatic, quick-closing check valve to prevent the flow of treated irrigation water back toward the water source. The pipeline must also be fitted with a vacuum relief valve and low pressure drain, located between the irrigation water pump and the check valve, to prevent back-siphoning of treated irrigation water into the water source.

Always inject this product into irrigation water after it discharges from the irrigation pump and after it passes through the check valve. Never inject pesticides into the intake line on the suction side of the pump.

Pesticide injection equipment must be fitted with a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump. Interlock this valve to the power system, so as to prevent fluid from being withdrawn from the chemical supply tank when the irrigation system is either automatically or manually turned off.

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

The 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.

Spray mixture in the chemical supply tank must be agitated at all times, otherwise settling and uneven application may occur. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.

This product may be used through two basic types of sprinkler irrigation systems as outlined in Sections A and B below. Determine which type of system is in place, then refer to the appropriate directions provided for each type.

#### **A. Center Pivot, Motorized Lateral Move and Traveling Gun Irrigation Equipment**

For injection of pesticides, these continuously moving systems must use a metering pump, such as a positive displacement injection pump of either diaphragm or piston type, constructed of materials that are compatible with pesticides, fitted with a system interlock, and capable of injection at pressures approximately 2 to 3 times those encountered within the irrigation water line. Venturi applicator units cannot be used on these systems.

Fill chemical supply tank of injection equipment with water. Operate system for one complete revolution or run across the field, measuring time required, amount of water injected, and acreage covered. Thoroughly mix recommended amount of this product for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run. Mixture in the chemical supply tank must be continuously agitated during the injection run. Shut off injection equipment after one revolution or run but continue to operate irrigation system until this product has been cleared from the last sprinkler head.

#### **B. Solid Set and Portable (Wheel Move, Side Roll, End Tow, or Hand Move) Irrigation Equipment**

With stationary systems, an effectively designed in-line Venturi applicator unit is preferred which is constructed of materials that are compatible with pesticides; however, a positive-displacement pump can also be used.

Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a 30 - 45 minute period. Mix desired amount of this product for acreage to be covered with water so that the total mixture of this plus water in the injection tank is equal to the quantity of water used during calibration and operate entire system at normal pressures recommended by the manufacturer of injection equipment used for the amount of time established during calibration. No agitation should be required. This product can be injected at the beginning or end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until this product has been cleared from the last sprinkler head.

### **INTEGRATED PEST / DISEASE MANAGEMENT**

This product provides excellent control of fungal diseases when used according to label directions for control of a broad spectrum of plant diseases. This product is recommended for use in programs that are compatible with the principals of Integrated Pest Management (IPM), including the use of disease resistant crop varieties, cultural practices, pest scouting, and disease forecasting systems which reduce unnecessary applications of pesticides.

#### **RESISTANCE MANAGEMENT GUIDANCE**

For resistance management, Arius 250 contains azoxystrobin, a QoI Group 11 fungicide. Any fungal population may contain individuals naturally resistant to Arius 250 and other QoI Group 11 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

Fungal isolates with acquired resistance to Group 11 may eventually dominate the fungal population if Group 11 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. Cross resistance has been shown between all members of the QoI fungicides. Since QoI fungicides are a high risk for resistance, this may result in partial or total loss of control of those species.

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

- Rotate the use of this product or other Group 11 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

Follow the crop specific resistance management guidance listed in the Crop Use Directions table. If resistance management guidance is not specified in the Crop Use Directions table, then follow the guidance provided in the table below.

<b>Total fungicide applications planned per crop</b>	1	2	3	4	5	6	7	8	9	10	11	12
<b>Applications of QoI fungicides applied alone</b>	1	1	2	2	2	2	2	3	3	3	3	4
<b>Applications of QoI fungicides applied in mixture (tank-mix or formulated)</b>	1	2	2	2	2	3	3	4	4	5	5	6

When multiple applications are required during the year, spray programs for Group 11 (QoI) fungicides must be developed. When two sequential applications of Group 11 fungicides are made, they must be alternated with two or more applications of a fungicide that is not a Group 11 fungicide. If more than 12 applications are made during the year, observe these guidelines:

- When applying Group 11 (QoI) fungicides alone, the number of applications must not exceed more than 1/3 of the total number of fungicide applications per year.
- When applying Group 11 (QoI) fungicides in tank mixes or premixes with mixing partners of different modes of action, the number of QoI containing applications must not exceed more than ½ of the total number of fungicide applications per year.
- When applying Group 11 (QoI) fungicides both alone and in mixtures, the number of QoI containing applications must not exceed 50% of the total number of fungicide applications per year.

When applying a Group 11 fungicide to seed or soil, wait at least 3 weeks before making another application with a Group 11 fungicide.

### SOILBORNE/SEEDLING DISEASE CONTROL

If applied early in the growing season, this product provides control of many soilborne diseases for those crops that list application directions for soilborne disease control. To control of pre- or post-emergence damping off and diseases that infect plants and the soil-plant interface, apply this product either in-furrow or as banded applications over the row, shortly after seedling emergence or during herbicides application or cultivation.

Regional cultural practices determine the application type used. The success of application types varies by region and depends on the timing and scope of the disease. In-furrow applications provide seedling disease control while banded applications are more effective at controlling soilborne diseases that develop later in the year. Consult your local extension agent for guidance on best application type for your situation.

Crop injury can occur when this product is applied as a soil directed application during cool, wet conditions.

#### Banded Applications

- Apply this product as a directed spray to the soil, prior to infection. Use single or multiple nozzles to provide thorough coverage of lower stems and soil surface surrounding the plants.
- Limit band width to 7 inches or less.
- Apply this product 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.
- Since banded applications come into contact with the foliage, they are considered to be foliar applications when following resistance management guidance.
- Make banded applications during cultivation or hilling operations to provide soil incorporation.

#### In-furrow Applications

- Apply this product 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 to disease development, if the field has a history of *Pythium* problems, or if minimum/low till programs are in place.

		Application Rates						
Rate per 1000 row-feet		Row Spacing (inches)						
fl. oz. product	oz. ai	22" rows	30" rows	32" rows	34" rows	36" rows	38" rows	40" rows
		Product per acre (fl. oz.)						
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20		13.9	13.1	12.3	11.6	11.0	10.5
1.00	0.25					14.5	13.8	13.1

Row-feet per acre: 22" = 23,760 row ft.; 30" = 17,424 row ft.; 32" = 16,335 row ft.; 34" = 15,374 row ft.; 36" = 14,520 row ft.; 38" = 13,756 row ft.; 40" = 13,068 row ft. Do not apply more than 15 fl. oz. (0.24 lb. ai) of this product per acre.

#### Drip

Refer to the **Applications through Sprinkler Irrigation Systems (Chemigation)** section of this label.

#### Crop Rotation Restrictions

Refer to the table below for the minimum time intervals required between the last application of this product and a new crop planting.

Crop	Rotational Interval (in days)
Buckwheat, millet	12 months
All other crops with azoxystrobin registered uses	0 days

## CROP USE DIRECTIONS

During conditions which are favorable to prolonged periods of fungal infection use another registered fungicide for additional applications if maximum amount of this product has been applied. Efficacy for certain diseases may be reduced if resistant isolates to Group 11 fungicides are present. Use this product in an IPM program, alternating fungicides with different modes of action. Use the table in the "Resistance Management Guidance" section of this label to determine the number of applications of this product that can be made before alternating with fungicides with a mode of action other than QoI Group 11. When environmental conditions are favorable to disease, during period of heavy disease pressure, or with highly susceptible varieties, use the higher listed rates in the rate range and/or shorter spray intervals.

### ALMONDS

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Alternaria Leaf and Fruit Spot <i>(Alternaria alternata)</i> Anthracnose <i>(Colletotrichum acutatum)</i> Brown Rot Blossom Blight <i>(Monilinia laxa, M. fructicola)</i> Leaf Blight <i>(Seimatosporium lichenicola)</i> Leaf Rust <i>(Tranzschelia discolor)</i> Scab <i>(Cladosporium carpophilum)</i> Shot Hole <i>(Wilsonomyces carpophilus)</i>	12.0 - 15.5 (0.20 - 0.25)	Apply this product prior to disease outbreak or when conditions are favorable to disease development. Continue applications throughout the season following the resistance management guidelines  Apply this product by ground in adequate water to provide complete coverage, by air in a minimum of 15 gallons of water per acre or by chemigation. Apply this product by air only at growth stages prior to and including 5 weeks after petal fall. If an adjuvant is used, add it at the manufacturer's specified rates.  <b>Anthracnose, scab and shot hole:</b> Make first application prior to disease outbreak or when conditions are favorable to disease development. Make a second application 7 to 14 days after the first application, depending on the severity of disease pressure.  <b>Blossom blight:</b> Make first application at early bloom and continue through petal fall.

#### RESTRICTIONS:

- Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.
- Do not make more than six (6) applications of this product at the high rate (0.25 lb.Ai/acre) per year.
- Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.
- Pre-harvest Interval (PHI): 28 days

### ARTICHOKE, GLOBE

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Ramularia Leaf Spot <i>(Ramularia cynarae)</i>	11.0 – 15.5 (0.18 – 0.25)	Apply this product before disease outbreak or in the early stages of diseases. If environmental conditions are favorable to continued disease development, continue applications at 14- to 21-day intervals until harvest day. Do not apply at less than 7-day intervals. Apply this product by ground in 50-200 gallons of water per acre, by air in a minimum of 15 gallons of water per acre, or by chemigation.

#### RESTRICTIONS:

- Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.
- Do not make more than six (6) applications of this product at the high rate (0.25 lb.Ai/acre) per year.
- Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.
- Pre-harvest Interval (PHI): 0 days

### ASPARAGUS

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Stemphyllium Purple Spot <i>(Stemphyllium vesicarium)</i>	6.0 – 15.5 (0.10 – 0.25)	Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 7- to 14-day intervals. Apply this product by ground in a minimum of 10 gallons of water per acre, by air in a minimum of 3 gallons of water per acre, or by chemigation.

#### RESTRICTIONS:

- Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.
- Do not make more than six (6) applications of this product at the high rate (0.25 lb.Ai/acre) per year.
- Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.
- Pre-harvest Interval (PHI): 100 days

## BARLEY

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Kernel Blight or Black Point ( <i>Alternaria</i> spp., <i>Cochiobolus sativus</i> ) Leaf Rust ( <i>Puccinia hordei</i> , <i>P. recondita</i> )	6.0 - 12.0 (0.10-0.20)	Apply this product before disease outbreak and until inflorescence has fully emerged. Apply this product by ground, air, or chemigation. If using a crop oil concentrate adjuvant, add at 1.0% v/v to optimize efficacy.
Barley Stripe ( <i>Drechslera graminea</i> = <i>Pyrenophora graminea</i> )	9.0 - 12.0 (0.15-0.20)	
Powdery Mildew ( <i>Erysiphe graminis</i> f. sp. <i>hordei</i> ) Stagonospora Blotch ( <i>Stagonospora nodorum</i> )	12.0 (0.20)	
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not apply after Feekes 10.54.</li> <li>Do not apply more than 24 fl. oz. (0.40 lb ai) of this product per acre per year.</li> <li>Do not make more than two (2) applications of this product at the high rate (0.20 lb.Ai/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Do not apply within 7 days of grazing or harvest (7-day PHI) for forage and hay.</li> </ul>		

## BERRY, LOW GROWING SUBGROUP 13-07G (EXCEPT CRANBERRY)

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Anthraxnose ( <i>Colletotrichum fragariae</i> ) Leather Rot ( <i>Phytophthora cactorum</i> ) Powdery Mildew ( <i>Sphaerotheca macularis</i> ) Suppression of Botrytis on Foliage ( <i>Botrytis cinerea</i> )	6.0–15.5 (0.10 – 0.25)	Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 7- to 10-day intervals throughout the year. Apply this product by ground, air, or chemigation. <b>Leather Rot:</b> Make 2 applications on a 7-day schedule from late bloom through harvest. <b>Field Nurseries:</b> 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 this product into the irrigation water. Root and crown rot suppression ( <i>Colletotrichum</i> spp.), at transplanting for commercial berry production. Dip plants for 2–5 minutes in a mix of 5–8 fl.oz. of this product per 100 gallons of water. Before dipping, remove excess soil. Treated plants must be transplanted as quickly as possible. Follow with foliar applications beginning 2–3 weeks after transplant.
<b>Soilborne Diseases:</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40 – 0.80 fl. oz. per 1000 row feet	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.
<b>CROP LIST:</b> Bearberry, Bilberry, Cloudberry, Muntries, Partridgeberry, Strawberry, cultivars, varieties and/or hybrids of these.		
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not apply more than 61.5 fl. oz. (1.0 lb ai) of this product per acre per year.</li> <li>Do not make more than four (4) applications of this product at the high rate (0.25 lb.Ai/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Do not use in plant propagation nurseries.</li> <li>Pre-harvest Interval (PHI): 0 days</li> </ul>		



**BRASSICA HEAD & STEM SUBGROUP**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Peronospora parasitica</i> ) Pin Rot ( <i>Alternaria</i> spp.)	6.0 - 15.5 (0.10 - 0.25)	Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 7- to 14-day intervals throughout the year.  Apply this product by ground in a minimum of 10 gallons of water per acre, by air in a minimum of 3 gallons of water per acre, or by chemigation. If an adjuvant is used, add it at the manufacturer's specified rates.

**CROP LIST:**

Broccoli; Chinese broccoli (gai lan); Brussels sprouts; Cabbage; Chinese cabbage (napa); Chinese mustard (gai choy); Cauliflower; Cavalo broccolo; Kohlrabi; cultivars, varieties and/or hybrids of these

**RESTRICTIONS:**

- Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of product per acre per year.
- Do not make more than six (6) applications of this product at the high rate (0.25 lb.Ai/acre) per year.
- Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.
- Pre-harvest Interval (PHI): 0 days

**BRASSICA, LEAFY GREENS SUBGROUP**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Black Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) White Rust ( <i>Albugo candida</i> )	6.0 - 15.5 (0.10 - 0.25)	Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 7- to 14-day intervals throughout the year.  Apply by ground, air or chemigation. If an adjuvant is used, add it at the manufacturer's specified rates.
<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40 - 0.80 fl. oz./1,000 row ft.	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.

**CROP LIST:**

Broccoli raab; Cabbage, chinese; collards; kale; mizuna; mustard greens; mustard spinach; rape greens; cultivars, varieties and/or hybrids of these

**RESTRICTIONS:**

- Do not apply than 46 fl. oz. (0.75 lb ai) of this product per acre per year.
- Do not make more than three (3) applications of this product at the high rate (0.25 lb.Ai/acre) per year.
- Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.
- Pre-harvest Interval (PHI): 0 days

**BULB VEGETABLES CROP GROUP 3-07** (See list below)

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
<b>Foliar Diseases</b> Cladosporium Leaf Blotch <i>(Cladosporium allii)</i> Purple Blotch and Leaf Blight ( <i>Alternaria porri</i> ) ( <i>Sternophyllum vesicarium</i> ) Rust ( <i>Puccinia allii</i> )	6.0-12.0 (0.10-0.20)	<b>Downy Mildew:</b> Apply this product before disease outbreak on a 5- to 7-day interval. <b>All other diseases:</b> Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 7- to 14-day intervals. Apply this product by ground, air or chemigation. Mixtures of this product with insecticides and silicone adjuvants must be tested for crop safety before application to the crop.
Botrytis Leaf Blight ( <i>Botrytis aclada</i> ) Downy Mildew ( <i>Peronospora destructor</i> )	9.0 - 15.5 (0.15-0.25)	See directions under the <b>Soilborne/Seedling Disease Control</b> section of this label. When making an in-furrow application, the spray should be made just prior to seeding in order to place the majority of the chemical under the seed. This practice reduces the potential for phytotoxicity, especially if fertilizer is added to the application.
<b>Soilborne Diseases</b> Rhizoctonia Damping-Off <i>(Rhizoctonia solani)</i>	0.40 - 0.80 fl. oz./1,000 row ft.	

**CROP LIST:**

Chive, fresh leaves; chive, Chinese, fresh leaves; daylily, bulb; elegans hosta; fritillaria, bulb; fritillaria, leaves; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; kurrat; lady's leek; leek; leek, wild; lily, bulb; onion, Beltsville bunching; onion, bulb; onion, Chinese, bulb; onion, fresh; onion, green; onion, macrostem; onion, pear; onion, potato, bulb; onion, tree, tops; onion, Welsh, tops; shallot, bulb; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these

**RESTRICTIONS:**

- Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of product per acre per year.
- Do not make more than six (6) applications of this product at the high rate (0.25 lb.AI/acre) per year.
- Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.
- Pre-harvest Interval (PHI): 0 days

**CARROTS**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Early Blight ( <i>Cercospora carotae</i> ) Late Blight ( <i>Alternaria dauci</i> ) White Mold ( <i>Sclerotium rolfsii</i> ) Additional target diseases listed in the Vegetables, Root, subgroup	9.0 – 15.5 (0.15 – 0.25)	Apply this product before disease outbreak or when conditions are favorable to disease development. Apply every 7 to 14 days following resistance management practices. Apply the higher listed rate and shorter application intervals when disease pressure is severe.
<b>Soilborne Diseases</b> Rhizoctonia Root Rot <i>(Rhizoctonia solani)</i>	0.40- 0.80 fl. oz. / 1,000 row ft.	See direction and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>• Do not apply more than 123 fl. oz. (2.0 lbs ai) of this product per acre per year.</li> <li>• Do not make more than eight (8) applications of this product at the high rate (0.25 lb.AI/acre) per year.</li> <li>• Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>• Pre-harvest Interval (PHI): 0 days</li> </ul>		

## CORN, FIELD, POP, SWEET (INCLUDES SEED PRODUCTION)

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Rust ( <i>Puccinia sorghi</i> )	6.0 - 9.0 (0.10 - 0.25)	<p><b>Gray leaf spot:</b> Apply this product when infection begins. Make a second application 14 days later if disease pressure persists.</p> <p><b>All other diseases:</b> Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 7- to 14-day intervals.</p> <p>Apply this product by ground, air or chemigation.</p>
Anthraxnose Leaf Blight ( <i>Colletotrichum graminicola</i> )	6.0 - 15.5 (0.10 - 0.25)	
Eye Spot ( <i>Aureobasidium zeae</i> )		
Gray Leaf Spot ( <i>Cercospora sorghi</i> )		
Northern Corn Leaf Blight ( <i>Setosphaeria turcica</i> )		
Northern Corn Leaf Spot ( <i>Cochliobolus carbonum</i> )		
Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> )		
<b>Soilborne Diseases</b> Rhizoctonia Root and Stalk Rot ( <i>Rhizoctonia solani</i> )	0.40 - 0.80 fl. oz./1,000 row ft.	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not apply more than 123 fl. oz. (2.0 lbs ai) of this product per acre per year.</li> <li>For popcorn and sweet corn, do not make more than eight (8) applications of this product at the high rate (0.25 lb AI/acre) per year.</li> <li>For field corn and field corn grown for seed, do not make more than two applications per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 7 days</li> </ul>		

## CUCURBITS

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Alternaria Blight ( <i>Alternaria cucumerina</i> )	12.0 – 15.5 (0.20 - 0.25)	<p><b>Downy and Powdery Mildew:</b> Apply this product before disease outbreak or when conditions are favorable to disease development. Repeat at 5- to 7-day intervals for as long as conditions favor disease. Use the higher listed rate and a 5-day application interval when conditions are favorable to disease development.</p> <p><b>Belly rot control:</b> Apply this product at the 1-3 leaf crop stage followed by a second application just prior to vine tip over or 10 to 14 days later, whichever occurs first.</p> <p><b>Other diseases:</b> Apply this product before disease outbreak or when conditions are favorable to disease development. Repeat at 7- to 14-day intervals for as long as conditions favor disease. Use the higher listed rate and a 7 day application interval when conditions are favorable to disease development.</p> <p>Apply this product by ground, air or chemigation.</p>
Anthraxnose ( <i>Colletotrichum lagenarium</i> )		
Belly Rot ( <i>Rhizoctonia solani</i> )		
Cercospora Leaf Spot ( <i>Cercospora citrulina</i> )		
Plectosporium blight ( <i>Plectosporium tabacinum</i> )		
Downy Mildew ( <i>Pseudoperonospora cubensis</i> )		
Gummy Stem Blight ( <i>Didymella bryoniae</i> )		
Leaf Spots ( <i>Alternaria</i> spp., <i>Cercospora</i> spp.)		
Myrothecium Canker ( <i>Myrothecium roridum</i> )		
Plectosporium Blight ( <i>Plectosporium tabacinum</i> )		
Powdery Mildew ( <i>Sphaerotheca filiginea</i> , <i>Erysiphe cichoracearum</i> )		
Target Leaf Spot ( <i>Corynespora cassicola</i> )		
Ulocladium Leaf Spot ( <i>Ulocladium cucurbitae</i> )		

(continued)

**CUCURBITS (cont.)**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40 - 0.80 fl. oz./1,000 row ft.	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.
<b>CROP LIST:</b> Cantaloupe; chayote; Chinese waxgourd; cucumber; gourds; honeydew; melons; <i>Momordica</i> spp. (bitter melon, balsam apple); muskmelon; watermelon; pumpkin; squash; zucchini; cultivars, varieties and/or hybrids of these		
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.25 lb.AI/acre) per year.</li> <li>Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 1 day</li> <li>Do not tank mix this product with COC, MSO or silicon adjuvants. Do not tank mix with Malathion, Lannate®, Lorsban®, M-Pede®, or Botran®.</li> </ul>		

**FRUITING VEGETABLES CROP GROUP 8-10**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Anthraxnose ( <i>Colletotrichum</i> spp.) Powdery Mildew ( <i>Sphaerotheca</i> spp.)	6.0 - 15.5 (0.10 - 0.25)	Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 7- to 14-day intervals throughout the year. Apply this product by ground, air or chemigation.
<b>Soilborne Diseases</b> Rhizoctonia Seedling Rot ( <i>Rhizoctonia solani</i> )	0.40 - 0.80 fl. oz/1,000 row feet	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.
<b>CROP LISTS:</b> Pepper, bell; pepper, non-bell; pepper, sweet non-bell; eggplant, african; eggplant, pea; eggplant, scarlet; okra; pepino; tomatillo; cultivars, varieties and/or hybrids of these		
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 61.5 fl. oz. (1.0 lb ai) of this product per acre per year.</li> <li>Do not make more than four (4) applications of this product at the high rate (0.25 lb.AI/acre) per year.</li> <li>Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 0 days</li> </ul>		

**GRAPES AND OTHER SMALL FRUIT VINE CLIMBING SUBGROUP 13-07F (EXCEPT FUZZY KIWI FRUIT)**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Black Rot ( <i>Guignardia bidwellii</i> ) Downy Mildew ( <i>Plasmopara viticola</i> ) Phomopsis Cane and Leaf Spot ( <i>Phomopsis viticola</i> ) Powdery Mildew ( <i>Uncinula necator</i> ) Suppression only: Botrytis Bunch Rot ( <i>Botrytis cinerea</i> )	10.0 – 15.5 (0.16 - 0.25)	Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 7- to 14-day intervals throughout the year. Apply this product by ground, air or chemigation. <b>This product is extremely phytotoxic to certain apple varieties. AVOID SPRAY DRIFT. Extreme care must be made to avoid injury to apple trees and apple fruit. DO NOT spray this product where spray drift may reach apple trees. DO NOT use spray equipment which has been previously used to apply this product to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.</b> <b>AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.</b>
<b>CROP LISTS:</b> Amur River Grape; Kiwifruit, hardy; maypop; muscadines; schisandra berry; cultivars, varieties and/or hybrids of these		
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.25 lb.AI/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 14 days</li> </ul>		

**HERBS & SPICES (EXCEPT BLACK PEPPER), CROP GROUP 19** (See list below)

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Corynespora Blight ( <i>Corynespora cassiicola</i> ) Dill Blight ( <i>Cercosporidium punctum</i> ) Phoma Blight ( <i>Passalora puncta</i> )	6.0 - 15.5 (0.10 - 0.25)	Apply this product when disease outbreak begins and continue throughout the year at 7-day intervals. Apply this product by ground only in a minimum of 30 gallons of water per acre.
<b>CROP LIST:</b> Allspice; Angelica; Anise (seed); Anise, star; Annatto; Balm; Basil; Borage; Burnet; Chamomile; Caper (buds); Caraway; Caraway, black; Cardamom; Cassia (buds); Catnip; Celery Seed; Chervil (dried); Chive; Chive, Chinese; Cinnamon; Clary; Clove (buds); Coriander (cilantro or Chinese parsley) (leaf); Coriander (seed); Costmary; Culantro (leaf and seed); Cumin; Curry (leaf); Dill (seed); Dillweed; 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		
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.25 lb AI/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 0 days</li> </ul>		

**LEAFY VEGETABLES (EXCEPT BRASSICA)**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
<b>Foliar Diseases</b> Alternaria Leaf Spot ( <i>Alternaria sonchi</i> , <i>A. spp.</i> ) Anthracnose ( <i>Microdochium panattonianum</i> , <i>Colletotrichum dematium</i> ) Ascochyta Leaf Spot ( <i>Ascochyta</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Rust ( <i>Puccinia</i> spp.), ( <i>Uromyces</i> spp.) Septoria Leaf Spot ( <i>Septoria petroselinii</i> ) White Rust ( <i>Albugo occidentalis</i> )	6.0 - 15.5 (0.10 - 0.25)	Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 10- to 14-day intervals throughout the year. Apply this product by ground, air or chemigation.  <b>ATTENTION: A tank mix of this product with other pesticides and adjuvants could result in phytotoxicity. Do not mix this product with any other pesticides and/or adjuvants that can increase foliar penetration such as, but not limited to: Ambush WP, Pounce WP, Alette, Warrior with Zeon Technology, and silicone wetters.</b>
Downy Mildew ( <i>Bremia lactucae</i> ) Powdery Mildew ( <i>Erysiphe cichoracearum</i> )	12.0 - 15.5 (0.20 - 0.25)	Apply this product before disease outbreak or when conditions are favorable to disease development. Repeat at 5- to 7-day intervals for as long as conditions favor disease. Use the higher rate and a 5-day application interval when conditions are favorable to disease development. Apply this product by ground, air or chemigation.
<b>Soilborne Diseases</b> Webb Blight, Bottom Rot, Crater Rot, Root Rot ( <i>Rhizoctonia solani</i> )	0.40 - 0.80 fl. oz./1,000 row ft.	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.
<b>CROP LIST:</b> Amaranth; Arugula; Cardoon; Celery; Celtuce; Chervil; Chrysanthemum, Edible; Corn Salad; Cress; Dandelion; Dock; Endive; Fennel; Lettuce, Head and Leaf; Orach; Parsley; Purslane; Radicchio; Rhubarb; Spinach; Swiss Chard; cultivars, varieties and/or hybrids of these		
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.25 lb AI/acre) per year.</li> <li>Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 0 days</li> </ul>		

**LEGUME VEGETABLES, DRY & SUCCULENT AND LEGUME VEGETABLES, FOLIAGE OF ANY**

**CULTIVAR OF BEAN (*PHASEOLUS* SPP.) AND FIELD PEA (*PISIUM* SPP.)** (See list below)

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Bean Rust ( <i>Uromyces appendiculatus</i> )	6.0 (0.10)	Apply this product before disease outbreak. If environmental conditions are favorable to disease development, make additional applications at 7- to 14-day intervals throughout the year. In case of severe disease pressure, use higher rate and shorter spray intervals. Apply this product by ground, air or chemigation. If an adjuvant is used, add it at the manufacturer's specified rates. If rust is present, use a non-ionic surfactant.
Alternaria Blight ( <i>Alternaria</i> spp.)	6.0 - 15.5 (0.10 - 0.25)	
Alternaria Leaf Spot ( <i>Alternaria alternate</i> )		
Anthrachnose ( <i>Colletotrichum lindemuthianum</i> )		
Ascochyta Blight ( <i>Mycosphaerella pinodes</i> )		
Ascochyta Leaf and Pod Spot ( <i>Ascochyta</i> spp.)		
Ascochyta Leaf Spot ( <i>Ascochyta phaseolorum</i> )		
Rust ( <i>Phakopsora</i> spp.)	0.40 - 0.80 fl. oz./ 1,000 row ft.	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label. Apply this product 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. <b>NOTE:</b> Conduct a seed safety test with your crop before making in-furrow applications.
Southern Blight ( <i>Sclerotium rolfsii</i> )		
Web Blight ( <i>Rhizoctonia solani</i> )		
<b>Soilborne Diseases</b>		
Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )		

**CROP LIST:**

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) (*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*)

**RESTRICTIONS:**

- Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.
- Do not make more than six (6) applications of this product at the high rate (0.25 lb.Ai/acre) per year.
- Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.
- Pre-Harvest Interval (PHI) for dry legume vegetables (dry bean and dry pea seeds): 14 days
- Pre-Harvest Interval (PHI) for succulent beans and peas: 0 days
- For use on soybeans, please refer to the soybean crop use directions.

**PEANUTS**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
<b>Soilborne Diseases.</b>	0.40-0.80 fl. oz./ 1,000 row ft.	For control of several seed/seedling diseases including early season suppression of stem rot, apply this product in-furrow at planting.
<b>Early season in-furrow application</b>		
Aspergillus Crown Rot ( <i>Aspergillus niger</i> ) Pythium Damping Off ( <i>Pythium</i> spp.)		
<b>Suppression only:</b>		
Stem Rot/White Mold ( <i>Sclerotium rolfsii</i> )		

(continued)

**PEANUTS (cont.)**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
<b>Soilborne Diseases – mid-late season</b> Rhizoctonia Peg and Pod Rot <i>(Rhizoctonia solani)</i> Stem Rot/White Mold <i>(Sclerotium rolfsii)</i> <b>Suppression Only:</b> Cylindrocladium Black Rot <i>(Cylindrocladium crotalariae)</i> Pythium Pod Rot <i>(Pythium myriotylum)</i>	18.5 - 24.5 (0.30 - 0.40)	Use this product in a typical preventative fungicide program for control of soilborne diseases. Apply approximately 60 and 90 days after planting. Adjust application timing if local conditions favor early disease outbreak.  For control of Pythium, a rate of 24.5 fl. oz./A is required.  Apply this product by ground, air or chemigation.  Use this product in conjunction with cultural practices that are known to reduce the severity of soilborne diseases, such as proper crop rotation practices. Consult with your Extension Service representatives for guidance on the proper use of this product in programs which attempt to minimize the occurrence of disease resistance to fungicides.
<b>Foliar Diseases</b> Early Leaf Spot <i>(Cercospora arachidicola)</i> Late Leaf Spot <i>(Cercosporidium personatum)</i> Rust <i>(Puccinia arachidis)</i> Web Blotch <i>(Phoma arachidicola)</i>	6.0 - 18.5 (0.10 - 0.30)	Apply this product when conditions favor disease, when leaf wetness first occurs or 30 to 40 days after planting. Repeat applications at 10- to 14-day intervals if conditions remain favorable for disease.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 49 fl. oz. (0.80 lb ai) of this product per acre per year.</li> <li>Do not make more than two (2) applications of this product at the high rate (0.40 lb.AI/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 14 days</li> </ul>		

**PISTACHIOS**

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Alternaria Late Blight <i>(Alternaria alternata)</i> Botryosphaeria Panicle and Shoot Blight <i>(Botryosphaeria dothidea)</i> Septoria Leaf Spot <i>(Septoria pistaciarum)</i>	12.0 - 15.5 (0.20 - 0.25)	Apply this product before disease outbreak or when conditions are favorable to disease development. If environmental conditions are favorable to continued disease development, make a second application after 7 to 21 days, dependent upon the severity of disease pressure. Apply the higher rate and shorter application intervals when disease pressure is severe.  Apply this product by ground, air or chemigation.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.25 lb.AI/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 7 days</li> </ul>		

## POTATOES

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Black Dot ( <i>Colletotrichum coccodes</i> ) Early Blight ( <i>Alternaria solani</i> ) Late Blight ( <i>Phytophthora infestans</i> ) Powdery Mildew ( <i>Erysiphe cichoracearum</i> )	6.5 - 20.0 (0.11 - 0.33)	Apply this product before disease outbreak or when conditions are favorable to diseases development. <b>Early Blight:</b> Apply every 7 to 14 days following resistance management practices. Use the higher rate and a 7-day application interval when conditions are favorable to disease development. <b>Late Blight:</b> Apply a minimum of 12.0 fl. oz./A on a 7-day schedule. If late blight symptoms develop or conditions favor disease, switch immediately to a non-Group 11 fungicide, using a 5-day schedule. Addition of spreader/sticker may improve coverage. <b>Other diseases:</b> Apply this product prior to disease development and continue throughout the season every 7 to 14 days. Use the higher rate and the shorter interval if disease epidemics are severe. Apply this product by ground, air or chemigation. Tank mixtures of this product with other pesticides and adjuvants should be tested on a small scale for crop safety prior to application to the entire crop.
<b>Soilborne Diseases</b> Black Dot ( <i>Colletotrichum coccodes</i> ) Black Scurf ( <i>Rhizoctonia solani</i> ) Silver Scurf ( <i>Helminthosporium solani</i> )	0.40 - 0.80 fl. oz./ 1,000 row ft.	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not apply more than 123 fl. oz. (2.0 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.33 lb.AI/acre) per year.</li> <li>Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 14 days</li> </ul>		

## RICE

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
<b>Sheath / Stem Diseases</b> Sheath Blight ( <i>Rhizoctonia solani</i> )	9.0 - 18.5 (0.15 - 0.30)	Apply this product before disease outbreak or when conditions are favorable to disease development. <b>Sheath Blight:</b> 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 representative for the technical bulletin on sheath blight control.
Aggregate Sheath Spot ( <i>Ceratobasidium oryzae-sativae</i> = <i>Rhizoctonia oryzae-sativae</i> )		Apply this product by ground, by air at 5-10 gallons of water per acre or by chemigation. If an adjuvant is used, add it at the manufacturer's specified rates.
Black Sheath Rot ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> )	12.5 - 15.5 (0.20 - 0.25)	For other stem/sheath diseases including stem rot, black sheath rot, aggregate sheath spot and sheath spot, make one application when disease is less than 4 inches above the water level typically between panicle differentiation (PD) +5 days to PD +10 days or at early detection of the disease. A second application may be necessary under heavy disease pressure and conditions favorable for disease.
Sheath Spot ( <i>Rhizoctonia oryzae</i> ) Stem Rot ( <i>Magnaporthe salvinii</i> = <i>Nakateae sigmoidea</i> )		
<b>Foliar Diseases</b> Brown Leaf Spot ( <i>Cochliobolus miyabeanus</i> ) Leaf Smut ( <i>Entyloma oryzae</i> )		Apply this product before disease outbreak or prior to favorable conditions for blast development. For panicle blast, apply at mid-boot to boot-split but prior to full head emergence. Apply second application when panicles are approximately 60-90% emerged from the boot (7-14 days later).
Narrow Brown Leaf Spot ( <i>Cercospora janseana</i> = <i>Cercospora oryzae</i> )	12.5 - 15.5 (0.20-0.25)	Apply this product by ground, air or chemigation.
<b>Panicle Diseases</b> Kernel Smut ( <i>Tilletia barclayana</i> = <i>Neovossia barclayana</i> ) Panicle Blast ( <i>Pyricularia grisea</i> )		In case there is no rotation to other crops, do not make more than two sequential applications of this product in 2 crop seasons for Panicle Blast before alternating with a fungicide with a different mode of action than QoI Group 11.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not apply more than 42 fl oz (0.70 lb ai) of this product per acre per year.</li> <li>Do not make more than two (2) applications of this product at the high rate (0.30 lb.AI/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 28 days</li> <li>Do not treat rice fields used for aquaculture of fish and crustaceans.</li> <li>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.</li> <li>Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> </ul>		



## SOYBEAN

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Aerial Blight ( <i>Rhizoctonia solani</i> ) Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Anthracnose ( <i>Colletotrichum truncatum</i> ) Brown Spot ( <i>Septoria glycines</i> ) Cercospora Blight and Leaf Spot ( <i>Cercospora kikuchii</i> ) Frogeye Leaf Spot ( <i>Cercospora sojina</i> ) Pod and Stem Blight ( <i>Diaporthe phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.)	6.0 - 15.5 (0.10 - 0.25)	Apply this product before disease outbreak or when conditions are favorable to disease development. If environmental conditions are favorable to continued disease development, make a second application after 14 to 21 days, dependent upon the severity of disease pressure. Apply the higher rate and shorter application intervals when disease pressure is severe. Apply this product by ground, air or chemigation.
<b>Soilborne Diseases</b> Rhizoctonia Solani ( <i>Rhizoctonia solani</i> ) Southern Blight ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1,000 row ft.	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year or 15.5 fl oz (0.25 lb ai) per acre to soybean forage and hay.</li> <li>Do not make more than one application at 15.5 fl. oz (0.25 lb ai) product per acre to soybean forage and hay.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.25 lb.Ai/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI) for harvest of soybeans: 14 days</li> <li>Pre-harvest Interval (PHI) for harvest of soybean forage and hay: 0 days</li> </ul>		

## STONE FRUIT

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Brown Rot Blossom Blight and Fruit Rot ( <i>Monilinia fructicola</i> , <i>M. laxa</i> )	12.0 - 15.5 (0.20 - 0.25)	<p><b>Brown Rot Blossom Blight:</b> Begin applications at early bloom and continue through petal fall.</p> <p><b>Brown Rot Fruit Rot:</b> Apply this product to fruit up to the day of harvest.</p> <p><b>Scab:</b> Begin applications at petal fall and continue at 7 to 14 day intervals. Peaches: apply 9.0 – 15.5 fl.oz. per acre.</p> <p><b>All other diseases:</b> Apply this product at the onset of disease and continue on a 7 to 14 day schedule. Apply this product by ground, air or chemigation.</p>
Scab ( <i>Cladosporium carpophilum</i> )	12.0 - 15.5 (0.20 - 0.25)	
Alternaria Spot and Fruit Rot ( <i>Alternaria alternata</i> )		
Anthracnose (Colletotrichum prunicola, C. gloeosporioides)		
Leaf Rust (Tranzschelia discolor)		
Powdery Mildew (Sphaerotheca pannosa, Podosphaera clandestina)		
Shot Hole (Wilsonomyces carpophilus)		
<b>CROP LIST:</b> Apricot; Cherry, Sweet; Cherry, Tart; Nectarine; Peach; Plum; Plumcot; Prune; cultivars, varieties and/or hybrids of these		
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not apply more than 92.3 fl. oz. (1.5 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.25 lb.Ai/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 0 days</li> </ul>		

## TOMATOES

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Anthracnose ( <i>Colletotrichum coccodes</i> ) Black Mold ( <i>Alternaria alternata</i> ) Buckeye Rot ( <i>Phytophthora</i> spp.) Early Blight ( <i>Alternaria solani</i> ) Powdery Mildew ( <i>Oidiopsis sicula</i> ) Septoria Leaf Spot ( <i>Septoria lycopersici</i> ) Target Spot ( <i>Corynespora cassicola</i> )	5.0 - 6.2 (0.08 - 0.10)	Apply this product before disease outbreak or when conditions are favorable to disease development. Repeat applications if conditions remain favorable for disease. When disease pressure is severe, apply the higher rate. <b>Late Blight:</b> Apply this product at 5 to 7 day intervals. <b>All other diseases:</b> Apply this product at 7 to 21 day intervals. Under certain weather conditions (particularly high temperatures) this product, 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). A tank mixture with Dimethoate may cause crop injury. On fresh market tomatoes do not use adjuvants or tank mix this product with any emulsifiable concentrate (EC) product. Apply this product by ground, air or chemigation.
Late Blight ( <i>Phytophthora infestans</i> )	6.2 (0.10)	
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not apply more than 37 fl. oz. (0.6 lb ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.10 lb.Ai/acre) per year.</li> <li>Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 0 days</li> </ul>		

## TREE NUTS See specific instructions for Almonds and Pistachios.

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Alternaria Leaf and Fruit Spot ( <i>Alternaria alternata</i> ) Blossom Blight ( <i>Monilinia laxa</i> , <i>M. fructicola</i> ) Late Blight ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum acutatum</i> , <i>Glomerella cingulata</i> ) Eastern Filbert Blight ( <i>Anisogramma anomale</i> ) Scab ( <i>Cladosporium carpophilum</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> ) Shot Hole ( <i>Wilsonomyces carpophilus</i> )	12 (0.20)	Apply this product before disease outbreak or when conditions are favorable to disease development. If environmental conditions are favorable to continued disease development, make a second application after 14 to 21 days, dependent upon the severity of disease pressure. <b>Blossom blight:</b> Apply this product at early bloom and continue through petal fall. Apply this product by ground, air or chemigation. If an adjuvant is used, add it at the manufacturer's specified rates.
<b>CROP LIST:</b>		
Beechnut; Brazil Nut; Butternut; Cashew; Chestnut; Chinquapin; Filbert (hazelnut); Hickory Nut; Macadamia Nut; Pecan; Walnut, English and black		
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not apply more than 73.8 fl. oz. (1.2 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.20 lb.Ai/acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 45 days</li> </ul>		

## VEGETABLES, LEAVES OF ROOT AND TUBER GROUP AND ROOT SUBGROUP

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
<b>Foliar Diseases</b> Alternaria Leaf Spot <i>(Alternaria spp., A. alternata)</i> Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae, Puccinia helianthi</i> ) White Rust ( <i>Albugo tragopogonis</i> )	6.0 - 20.0 (0.10 - 0.33)	Apply this product before disease outbreak or when conditions are favorable to disease development.  <b>Powdery Mildew:</b> Apply every 5 to 7 days. <b>All other diseases:</b> Apply every 7 to 14 days.
Cercospora Leaf Spot <i>(Cercospora betae, C. pastinaceae)</i> Powdery Mildew <i>(Erysiphe polygoni, Leveillula taurica)</i>	9.0 - 15.5 (0.15 - 0.25)	Apply the higher rate and shorter application intervals when disease pressure is severe. Apply this product by ground, air or chemigation.
<b>Soilborne Diseases</b> Circular Spot, Southern Blight <i>(Sclerotium rolfsii)</i> Pythium Root Rot <i>(Pythium aphanidermatum)</i> Rhizoctonia Stem Canker, Crown Root <i>(Rhizoctonia solani)</i>	0.40 - 0.80 fl. oz./1,000 row ft.	See directions and rates under the <b>Soilborne / Seedling Disease Control</b> section of this label. 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 this product 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, this product must not be applied in-furrow. If using this product at the time of planting, do not use a starter fertilizer with it.
<b>CROP LIST:</b> Beet, Garden and Sugar <sup>1,2</sup> ; Burdock <sup>1,2</sup> ; Carrot <sup>1,2</sup> ; Cassava, Bitter and Sweet <sup>1</sup> ; Celeriac (celery root) <sup>1,2</sup> ; Chervil, Turnip-Rooted <sup>1,2</sup> ; Chicory <sup>1,2</sup> ; Dasheen (taro) <sup>1</sup> ; Ginseng <sup>2</sup> ; Horseradish <sup>2</sup> ; Parsley, Turnip-Rooted <sup>2</sup> ; Parsnip <sup>1,2</sup> ; Radish <sup>1,2</sup> ; Radish, Oriental (daikon) <sup>2</sup> ; 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> ) <sup>1</sup> = Vegetable leaves of root and tuber subgroup <sup>2</sup> = Root vegetable subgroup		
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 123 fl. oz. (2.0 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.33 lb.AI/acre) per year.</li> <li>Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Apply as in in-furrow spray in a minimum of 10 gallons per acre.</li> <li>Pre-harvest Interval (PHI): 0 days</li> </ul>		

## VEGETABLES, TUBEROUS AND CORM SUBGROUP

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
<b>Foliar Diseases</b> Alternaria Leaf Spot <i>(Alternaria spp., A. alternata)</i> Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae, Puccinia helianthi</i> ) White Rust ( <i>Albugo tragopogonis</i> )	6.0 - 20.0 (0.10 - 0.33)	Apply this product before disease outbreak or when conditions are favorable to disease development.  <b>Powdery Mildew:</b> Apply every 5 to 7 days following resistance management practices. <b>All other diseases:</b> Apply every 7 to 14 days following resistance management practices.
Cercospora Leaf Spot <i>(Cercospora betae, C. pastinaceae)</i> Powdery Mildew <i>(Erysiphe polygoni, Leveillula taurica)</i>	9.0 - 15.5 (0.15 - 0.25)	Apply the higher rate and shorter application intervals when disease pressure is severe. Apply this product by ground, air or chemigation.

(continued)

## VEGETABLES, TUBEROUS AND CORM SUBGROUP (cont.)

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
<b>Soilborne Diseases</b> Circular Spot, Southern Blight <i>(Sclerotium rolfsii)</i> Rhizoctonia Stem Canker, Crown Rot <i>(Rhizoctonia solani)</i> Pythium Root Rot <i>(Pythium aphanidermatum)</i>	0.40 - 0.80 fl. oz./1,000 row ft.	See directions and rates under the <b>Soilborne/Seedling Disease Control</b> section of this label.
<b>CROP LIST:</b> Arracacha; Arrowroot; Artichoke, Chinese and Jerusalem; Canna, Edible; Cassava, Edible, Bitter and Sweet; Chayote (root); Chufa; Dasheen (Taro); Ginger; Leren; Potato; Sweet Potato; Tanier; Turmeric; Yam, Bean; Yam, True		
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 123 fl. oz. (2.0 lbs ai) of this product per acre per year.</li> <li>Do not make more than six (6) applications of this product at the high rate (0.33 lb./acre) per year.</li> <li>Do not make more than one application of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 14 days</li> </ul>		

## WHEAT AND TRITICALE

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Leaf Rust ( <i>Puccinia triticina</i> = <i>Puccinia recondita</i> f.sp <i>tritici</i> ) Septoria Leaf and Glume Blotch <i>(Septoria tritici, Septoria nodorum)</i> Stem Rust ( <i>Puccinia graminis</i> ) Stripe Rust ( <i>Puccinia striiformis</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	<b>4.0 - 12.0</b> <b>(0.07 - 0.20)</b>	Apply this product before disease outbreak or when conditions are favorable to disease development. Apply this product by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy.
Powdery Mildew ( <i>Erysiphe graminis</i> )	7.5 - 11.0 (0.125-0.175)	
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply after Feekes 10.5.</li> <li>Do not apply more than 24 fl oz. (0.40 lb. ai) of this product per acre per year.</li> <li>Do not make more than two (2) applications of this product at the high rate (0.20 lb./acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval for forage and hay: 7 days</li> <li>Pre-harvest Interval for grazing: 14 days</li> </ul>		

## WILD RICE

Target Diseases	Rate fl. oz./Acre (lbs.ai/A)	Application Directions
Brown Spot ( <i>Bipolaris oryzae</i> or <i>Bipolaris sorokiana</i> ) Also known as <i>elminthosporium oryzae</i> and <i>H. sativum</i> Stem rot ( <i>Nakataea sigmoidea</i> )	12.5 – 15.5 (0.20 – 0.25)	Apply this product before disease outbreak or when conditions are favorable to disease development. Apply this product by ground, by air in 5-10 gallons of water per acre, or by chemigation. If an adjuvant is used, add it at the manufacturer's specified rates. For foliar diseases, apply this product preventively before disease outbreak. Apply during tillering, boot, early heading, or at early detection of disease. Make a second application under heavy disease pressure and when conditions are favorable for disease development.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 42 fl. oz. (0.70 lb ai) of this product per acre per year.</li> <li>Do not make more than two (2) applications of this product at the high rate (0.25 lb./acre) per year.</li> <li>Do not make more than two applications of this product before alternating with fungicides with a mode of action other than QoI Group 11.</li> <li>Pre-harvest Interval (PHI): 28 days</li> <li>Do not treat wild rice fields used for aquaculture of fish and crustaceans.</li> <li>Do not apply when weather conditions favor drift from treat areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> </ul>		

# STORAGE AND DISPOSAL

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

## 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 ¼ 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 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 greater than 5 gallons

**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.

## CONTAINER HANDLING Bulk/Mini-Bulk greater than 5 gallons

**Non-refillable container.** Do not reuse or refill this container. Offer for recycling if available. Triple rinse container or pressure rinse promptly after emptying.  
**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full of 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.

**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 a 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.

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

## WARRANTY AND LIMITATION OF DAMAGES

**CONDITIONS OF SALE:** To the extent consistent with applicable law, Sipcam Agro USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Sipcam Agro USA, Inc. SIPCAM AGRO USA, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. To the extent consistent with applicable law, SIPCAM AGRO USA, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCAM AGRO USA, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. SIPCAM AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.