# ROADEL



Contains flutriafol, the active ingredient used in Rhyme® Fungicide.

For use on Almond; Walnut\*; Celery; Brassica Leafy Vegetables Crop Group 5; Grapes (fresh, juice, table, wine, raisin); Leafy Vegetables, Except Brassica, Crop Group 4; Stone Fruit; Strawberry; Tomatoes; Vegetables, Cucurbit, Group 9]; Vegetables, Fruiting, Group 8-10; Hops\*; Peanut\*; Pome Fruit (apple, crabapple, loquat, mayhaw, pear, oriental pear, quince); Pecan and Other Tree Nuts.

\*Not Registered for Use by California

ACTIVE INGREDIENT:	(% by weight)
Flutriafol	22.7%
OTHER INGREDIENTS:	77.3%
TOTAL	100.0%
Contains 2.08 pounds flutriafol per gallon. Suspension concentrate.	
EPA Reg. No.: 91234-384	

## WARNING/AVISO

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

See below for additional Precautionary Statements, and Directions for Use.

#### **FIRST AID**

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 eye. Call a poison control center or doctor for treatment advice. 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 do so by the poison control center or doctor. **DO NOT** give anything by mouth 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. **NOTE TO PHYSICIAN:** No specific antidote. Treat symptomatically.

#### **HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at **1-844-685-9173** 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 +1703-527-3887 (collect calls accepted)

Rondel™ is not manufactured, or distributed by FMC Corporation, seller of Rhyme® Fungicide.



### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

Causes substantial but temporary eye injury. Harmful if swallowed. DO NOT get in eyes, or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). 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, mixers and loaders must wear:

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

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 STATEMENT**

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**

This formulated product is toxic to fish and aquatic invertebrates. 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 contaminate water when disposing of equipment washwater or rinsate.

GROUND WATER ADVISORY: Flutriafol has properties and characteristics associated with chemicals detected in ground water. 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.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. **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.

In California, this product may only be applied to fields that are not irrigated, or are irrigated using pressurized irrigation methods, for example, macro-sprinkler, micro-sprinkler, or drip systems.

Not for sale, distribution, or use in Nassau or Suffolk Counties of New York State.

#### AGRICULTURAL USE REQUIREMENTS

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

**DO NOT** enter or allow worker entry into treated areas during the Restricted Entry Interval (REI). The REI for each crop is located in the use directions for each crop.

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
- Shoes plus socks
- · Protective evewear

#### PRODUCT DIRECTIONS

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH RESTRICTIONS, PRECAUTIONARY STATEMENTS, AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

#### Not for use in greenhouses.

Product can be applied for all crops either by foliar application or chemigation unless otherwise specified in this label.

#### CHEMIGATION

#### Application through Irrigation Systems (Chemigation)

Apply Rondel through irrigation to crops at rates and timings specified in this label. Chemical tank and injector system must be thoroughly cleaned before and after use. Flush system with clean water.

Crop injury or lack of effectiveness can result from non-uniform distribution of Rondel across the treated area. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

#### **Drip Irrigation**

Use Rondel for control of diseases at rates and timing as specified in this label. Ensure adequate soil moisture prior to utilizing Rondel in a drip irrigation system. DO NOT apply Rondel through drip irrigation that is deeper than 12" below the soil surface.



After application of **Rondel**, continue to drip irrigate the area with water to flush the irrigation system. **DO NOT** allow **Rondel** to remain in the irrigation system after the application is complete. The total volume of water, including the amount used for flushing the irrigation system, must be adequate to completely remove the product from the lines, but must be less than the amount that could over-saturate the beds (bed collapse can occur from over-saturation) in bedded production systems. Delay subsequent irrigation (water only) for at least 24 hours following drip application for best results.

D. J. ID. I.		Fluid Ounces Rondel/1,000 Row Feet Based on Planted Row Spacing											
Rondel Rate (Fl. Oz. /A)	30" Rows	34" Rows	36" Rows	38" Rows	40" Rows	44" Rows	48" Rows	60" Rows	66" Rows	72" Rows	80" Rows	84" Rows	120" Rows
<b>5</b> (0.081 lb. ai)	0.29	0.33	0.34	0.36	0.38	0.42	0.46	0.57	0.63	0.69	0.77	0.80	1.15
<b>7</b> (0.114 lb. ai)	0.40	0.46	0.48	0.51	0.54	0.59	0.64	0.80	0.88	0.96	1.07	1.12	1.61

#### **Sprinkler Irrigation**

Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, micro and macro sprinkler or hand move irrigation systems. **DO NOT** apply this product through any other type of irrigation system except as specified on this label.

With Center Pivot irrigation equipment, use Rondel only with equipment with drive systems that provide uniform water distribution. DO NOT use end guns for chemigation due to the non-uniform application pattern.

Add Rondel to the pesticide supply tank containing sufficient water to maintain a continuous flow by the injection equipment. Maintain agitation during the entire application period.

For continuous-move irrigation systems, apply the labeled rate for that crop in ½ acre-inch or less per acre. For stationary or non-continuous moving systems, inject **Rondel** spray mixture during the last 20-30 minutes of the set.

**DO NOT** apply when winds are greater than 10-15 mph to avoid drift or wind skips. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. Thorough coverage of foliage is required for good control.

#### **Operating Requirements for Application through Irrigation Systems:**

- 1. **DO NOT** use chemigation when conditions are favorable for drift to non-target areas.
- 2. To prevent water-source contamination from backflow, a functional check valve, vacuum relief valve, and low-pressure drain must be located on the irrigation pipeline.
- 3. To prevent backflow back toward the injection pump, the pesticide injection pipeline must be equipped with a functional, automatic, quick-closing check valve.
- 4. To prevent fluid from being withdrawn from the supply tank when the irrigation system is shut down, the pesticide injection pipeline must also be equipped with a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock.
- 5. The system must also contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops and a functional pressure switch to stop the pump motor when water pressure decreases to a point at which pesticide distribution is adversely affected.
- 6. A metering pump, constructed of materials compatible with pesticides and capable of being fitted with a system interlock, for example, a positive displacement injection pump (e.g., a diaphragm pump), must be included in the system.
- 7. A knowledgeable person responsible for the chemigation system must shut the system down and turn the irrigation water off, ensuring enough time for the pesticide to be flushed through all lines and nozzles.
- 8. No irrigation system, including those in greenhouses, used to distribute pesticides can be connected to a public water source unless safety measures and devices prescribed in the pesticide label for such connection are in place.

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

- 1. Public water system means a system that provides piped water for human consumption if the 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. All measures and devices listed in the Operating Requirements for Application through Irrigation Systems section must be operational for connection to a public water system.
- 3. Additionally, chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system must be discharged into a reservoir tank prior to pesticide introduction. There must 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.

Rainfastness: Rondel is rainfast 2 hours after application. Disease control will be reduced if rainfall occurs within 2 hours of application.

#### **CROP ROTATION**

Fields treated with **Rondel** may be planted to the following crops and plant back intervals:

CROP	PLANT BACK INTERVAL
Alfalfa; Barley; Field Corn; Field Corn Grown for Seed; Popcorn; Sweet Corn; Cotton; Cucurbits; Fruiting Vegetables; Grapes; Hops; Brassica Leafy Vegetables Crop Group 5; Leafy Vegetables, Except Brassica, Crop Group 4; Peanut; Pome Fruit; Grain Sorghum; Soybean; Stone Fruit; Strawberry; Sugar Beet; Tomato; Tree Nuts; Triticale; or Wheat	Immediately
Rice	30 days
All other crops	Prohibited

#### RATE EQUIVALENCY TABLE

PRODUCT RATE (FI. Oz./A)	EQUIVALENT ACTIVE INGREDIENT RATE (Lb. ai/A)
3.5	0.057
4.0	0.065
5.0	0.081
6.0	0.098
6.5	0.106
7.0	0.114
8.0	0.130
12.0	0.200
15.0	0.240
16.0	0.260
24.0	0.390



#### **USE OF ADJUVANTS**

An adjuvant may be used with **Rondel** unless otherwise specified in the crop use directions. **Rondel** is compatible with most products, however not all have been tested. Use the compatibility jar test to ensure physical compatibility.

#### TANK MIXING

Rondel may be tank mixed with other fungicides, herbicides, insecticides, and/or other additives unless prohibited on the label of the tank mix partner. Follow more restrictive labeling of any tank mix partner. Although Rondel is compatible with most products, not all combinations have been tested. 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. Use the compatibility jar test to ensure physical compatibility. Before applying any tank mixture not specified on this label, confirm the crop safety of the target crop by applying the mixture to a small area of the target crop according to the label instructions.

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.

#### COMPATIBILITY JAR TEST

Rondel is compatible with most products, however not all have been tested. Use the following compatibility test to ensure physical compatibility.

Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add wettable powders and water dispersible granular products first, next liquid flowables, then emulsifiable concentrates, and last liquid soluble products. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. When tank mixing, follow more restrictive labeling of any tank mix partner. **DO NOT** tank mix with any product that contains a prohibition on tank mixing.

#### SPRAY EQUIPMENT/VOLUME

Apply Rondel in sufficient water volume to ensure thorough coverage as a broadcast foliar application for good disease control.

For ground application, use a minimum of 30 gallons of spray solution per acre by ground sprayer for hops, and 10 gallons of spray solution per acre by ground sprayer for hops.

For aerial application, use aircraft spray equipment in a minimum of 10 gallons of spray solution per acre for tree nut crops and hops\* and 5 gallons of spray solution per acre for all other crops.

\*Not Registered for Use by California

High Disease Pressure: Where a range is given, use the higher specified rate of Rondel and/or reduced spray interval when disease pressure is high and/or conditions are favorable for disease development.

#### RESISTANCE MANAGEMENT

For resistance management, **Rondel** contains a Group 3 fungicide (Flutriafol). Any fungal population may contain individuals naturally resistant to **Rondel** and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies must be followed.

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

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

#### **CROP USE DIRECTIONS**

#### **ALMOND**

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Brown Rot Blossom Blight (Monilinia spp.)	7 (0.114 lb. ai)	7	<b>For Brown Rot Blossom Blight</b> : start applications at 5 - 10% bloom followed by an application at 50 - 100% bloom.
Alternaria Leaf and Fruit Spot (Alternaria alternata) Anthracnose			<b>For all other diseases</b> : Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if conditions are favorable for disease development.
(Colletotrichum acutatum) Scab			
(Cladosporium carpophilum) Shot Hole			
(Wilsonomyces carpophilus) Leaf Rust			
(Tranzschelia discolor)			

- · No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- · Minimum Retreatment Interval (RTI): 7 days.
- · Restricted Entry Interval (REI): 12 hours.
- · Preharvest Interval (PHI): DO NOT apply within 14 days of harvest.
- · All Other Listed Diseases:
  - DO NOT apply more than 4 applications per year.
  - DO NOT apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
  - DO NOT apply more than 0.455 lb. ai/A per year.



#### WALNUT (INCLUDING BLACK AND ENGLISH (PERSIAN) WALNUTS)\*

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Botryosphaeria Panicle and Shoot Blight Phomopsis Canker	7 (0.114 lb. ai)	7	Apply preventatively and repeat as necessary on a 7-day interval when conditions are favorable for disease development.

#### **Restrictions:**

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- · Minimum Retreatment Interval (RTI): 7 days.
- **DO NOT** apply more than 4 applications per year.
- DO NOT apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- · Preharvest Interval (PHI): DO NOT apply within 14 days of harvest.

\*Not Registered for Use by California

#### **BRASSICA LEAFY VEGETABLES CROP GROUP 5**

broccoli; broccoli Chinese (gai lon); broccoli raab (rapini); Brussels sprouts; cabbage, Chinese (bok choy); cabbage, Chinese (napa); cabbage, Chinese mustard (gai choy); cauliflower; cavalo broccolo; collards; kale; kohlrabi; mizuna; mustard greens; mustard spinach; rape greens and cultivars and/or hybrids of these crops.

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Black Spot (Alternaria spp.) Cercospora Leaf Spot (Cercospora spp.) Powdery Mildew (Erysiphe polygoni)	5 – 7 (0.081- 0.114 lb. ai)	7	Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if conditions remain favorable for disease development.

#### Restrictions:

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- · Minimum Retreatment Interval (RTI): 7 days.
- **DO NOT** apply more than 4 applications per year.
- DO NOT apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): DO NOT apply within 7 days of harvest.

#### **CELERY AND CHINESE CELERY**

		OLLERY FRED OTHER	OL CLIENT
Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Alternaria Leaf Spot (Alternaria sonchi, A. spp.) Anthracnose (Colletotrichum dematium) Early Blight (Cercospora apii) Late Blight (Septoria apiicola)	5 – 7 (0.081- 0.114 lb. ai)	7	Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if conditions are favorable for disease development.
Suppression Only: Fusarium Yellows /Fusarium Wilt (Fusarium oxysporum f.so apii)	5 – 7 (0.081- 0.114 lb. ai)	14	Product is to be applied through drip irrigation. Recommend initial application at transplanting. For spring and fall planting, a second application is required, approximately 30 days later. For fall planting, additional applications may be required at 14 day intervals, for a maximum of 4 applications per season.

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- · Minimum Retreatment Interval (RTI): 7 days.
- DO NOT apply more than 4 applications per year.
- DO NOT apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- · Preharvest Interval (PHI): DO NOT apply within 7 days of harvest.



#### GRAPES (FRESH, JUICE, TABLE, WINE, RAISIN)

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Powdery Mildew (Uncinula necator)	4 – 5 (0.065- 0.081 lb. ai)	14 – 21	Foliar Application: Begin application at 6 to 10 inch shoot growth.
	5 (0.081 lb. ai)	14	<b>Drip Irrigation Application: Apply</b> preventively or when conditions are favorable for disease development. Repeat as necessary if conditions remain favorable for disease development and to provide extended foliar protection. Best results have been obtained when <b>Rondel</b> is applied preventively, as early as bud break, to ensure time for movement of flutriafol into the foliage. Once fruit are present, foliar applications are needed for fruit protection.
Black Rot (Guignardia bidwellii)	4 – 5 (0.065- 0.081 lb. ai)	14 – 21	<b>Foliar Application:</b> Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if conditions are favorable for disease development.

#### **Restrictions:**

- No single application may exceed 5 fl. oz. (0.081 lb. ai) of product per Acre.
- · Minimum Retreatment Interval(RTI): 14 days.
- DO NOT apply more than 6 applications per year.
- DO NOT apply more than 30 fl. oz. (0.488 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.488 lb. ai/A per year.
- · Restricted Entry Interval (REI):
  - For foliar applications: 5 days for girdling or turning of grapes.
  - For soil applications:12 hours for girdling or turning of grapes.
  - All other activities: 12 hours.
- · Preharvest Interval (PHI): DO NOT apply within 14 days of harvest.

#### LEAFY VEGETABLES, EXCEPT BRASSICA, CROP GROUP 4

amaranth (Chinese spinach); amaranth (leafy); amaranth (tampala); arugula (roquette); cardoon; celtuce; chervil; chrysanthemum (edible-leaved); chrysanthemum (garland); corn salad; cress (garden); cress (upland); dandelion (leaves); dock (sorrel); endive (escarole); fennel, Florence; lettuce (head and leaf); orach; parsley; purslane (garden); purslane (winter); radicchio (red chicory); rhubarb; spinach; spinach (New Zealand); spinach (vine); Swiss chard and cultivars and/or hybrids of these crops.

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Alternaria Leaf Spot	5 – 7	7	Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if
(Alternaria sonchi, A. spp.)	(0.081- 0.114 lb. ai)		conditions remain favorable for disease development.
Anthracnose			
(Microdochium panattonianum, Colletotrichum			
dematium)			
Cercospora Leaf Spot			
(Cercospora spp.)			
Powdery Mildew			
(Erryisiphe cichoracearum, Leveillula taurica)			
Septoria Leaf Spot			
(Septoria spp.)			

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- · Minimum Retreatment Interval (RTI): 7 days.
- DO NOT apply more than 4 applications per year.
- DO NOT apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- · Restricted Entry Interval (REI): 12 hours.
- · Preharvest Interval (PHI): DO NOT apply within 7 days of harvest.



Apricot, Sweet Cherry, Tart Cherry, Nectarine, Peach, Plum, Chickasaw Plum, Damson Plum, Japanese Plum, Plumcot, Prune.

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Powdery Mildew (Sphaerotheca pannosa)	7 (0.114 lb. ai)	7	Start applications at petal fall. Repeat as necessary if disease conditions are favorable.
Rusty spot* (Podosphaera leucotricha)	7 (0.114 lb. ai)	7	Start applications at petal fall and continue through 3rd Cover (3C) or until terminal shoot growth ceases and shoots harden off or conditions are no longer favorable for disease development.
Brown Rot Blossom Blight (Monilinia spp.)	7 (0.114 lb. ai)	7	Start applications at 1-5% bloom followed by an application at 50-100% bloom.
Fruit Brown Rot (Monilinia spp.)	7 (0.114 lb. ai)	7	Apply one to two weeks prior to harvest.
Shot Hole (Wilsonomyces carpophilus)	7 (0.114 lb. ai)	7	Apply at 50-100% bloom. Repeat as necessary if disease conditions are favorable for disease development.
Cherry Leaf Spot (Blumeriella jaapii)	7 (0.114 lb. ai)	7	Start applications at petal fall. Repeat as necessary if disease conditions are favorable for disease development.

#### **Restrictions:**

- · No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- Minimum Retreatment Interval (RTI): 7 days.
- DO NOT apply more than 4 applications per year.
- **DO NOT** apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): DO NOT apply within 7 days of harvest.

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#### STRAWBERRY

STRAWBERKY					
Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions		
Powdery Mildew (Podosphaera aphanis)	5 – 7 (0.081- 0.114 lb. ai)	7	<b>Foliar Application:</b> Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if conditions are favorable for disease development.		
Leaf Rust* (Phragmidium potentillae)	7	14	<b>Drip Irrigation:</b> Apply preventatively or when conditions are favorable for disease development.		
(Prinaginialum) potentiniae) Leaf Spot* (Mycosphaerella fragariae)	(0.114 lb. ai)		Repeat as necessary if conditions are favorable for disease development. Best results for both foliar and soilborne pathogens have been obtained when <b>Rondel</b> is applied preventively, shortly after transplanting, to provide protection of the roots from soilborne pathogens and to ensure time for movement of flutriafol into the foliage for protection against foliar pathogens. Once fruit are present, foliar applications are needed for fruit protection.		
Anthracnose*	7	14	*Drip Irrigation: Apply preventatively or when conditions are favorable for disease development.		
(Colletotrichum acutatum)	(0.114 lb. ai)		Repeat as necessary if conditions are favorable for disease development. Best results for both foliar and soilborne pathogens have been obtained when <b>Rondel</b> is applied preventively, shortly after transplanting, to provide protection of the roots from soilborne pathogens and to ensure time for movement of flutriafol into the foliage for protection against foliar pathogens. Once fruit are present, foliar applications are needed for fruit protection.		
Charcoal Rot* (Macrophomina phaseolina)	7 (0.114 lb. ai)	14	Product is to be applied through drip irrigation (see <b>Chemigation</b> for directions). Recommend initial application at transplanting. For spring and fall planting sequential applications are advised on a 14 day interval.		

#### Restrictions:

- $\,\cdot\,$  No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- Minimum Retreatment Interval (RTI): 7 days.
- **DO NOT** apply more than 4 applications per year.
- DO NOT apply more than 28 fl. oz. (0.228 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): May be applied the day of harvest (0 day PHI).



#### **TOMATOES**

Bush Tomato, Cocona, Currant Tomato, Garden Huckleberry, Goji Berry, Groundcherry, Narnajilla, Sunberry, Tomatillo, and Tree Tomato and cultivars, varieties and/or hybrids of these crops.

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Powdery Mildew (Leveillula Taurica, Oidium neolycopersici) Anthracnose	<b>Foliar:</b> 5 – 7 (0.081- 0.114 lb. ai)	Foliar: 7	Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if conditions are favorable for disease development.
(Collectotrichum coccodes) Target Spot (Corynespora cassiicola) Septoria Leaf Spot* (Septoria lycopersici) Cercospora Leaf Spot* (Cercospora capsici)	<b>Drip:</b> 7 (0.114 lb. ai)	<b>Drip:</b> 14	
Black Mold (Alternaria alternata) Early Blight (Alternaria solani)	3.5 – 7 (0.057- 0.114 lb. ai)	7	Tank mix with mancozeb for improved disease control.  Lower rate can be used when tank mixed with mancozeb or other effective fungicides.
Charcoal Rot* (Macrophomina phaseolina)	7 (0.114 lb. ai)	14	Apply through drip irrigation (see <b>Chemigation</b> for directions). Recommend initial application at transplanting. A second application is required approximately 14 days later. Two additional applications may be applied if necessary.
Suppression: Fusarium Wilt*	7 (0.114 lb. ai)	14	Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if conditions remain favorable for disease development.
(Fusarium oxysporum f. sp lycopersici)			Best results for soilborne pathogens has been obtained when <b>Rondel</b> is applied preventively, shortly after transplanting, followed by subsequent applications at 14 day intervals to provide protection of the roots from soilborne pathogens.

#### **Restrictions:**

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- Minimum Retreatment Interval (RTI): 7 days.
- DO NOT apply more than 4 applications per year.
- DO NOT apply more than 28 fl. oz. (0.228 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): May be applied the day of harvest (0 day PHI). When tank mixed with mancozeb fungicide, the PHI is 5 days.



#### **VEGETABLES, CUCURBIT, GROUP 9**

Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes hyotan, cucuzza, hechima, Chinese okra); Momordica spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber); muskmelon (includes true cantelope, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon and snake melon); pumpkin; squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon and hybrids and/or varieties of (Citrullus spp., Cucumis melo, Cucurbita pepo, Lagenaria spp., Luffa spp., Momordica spp., Sechium edule).

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Anthracnose* (Colletotrichum spp.) Powdery Mildew	<b>Foliar:</b> 5 - 7 (0.081- 0.114 lb. ai)	<b>Foliar:</b> 7	Apply preventively or when conditions are favorable for disease development.  Repeat as necessary if conditions remain favorable for disease development and to provide extended foliar protection. Part of the best foliar and collaborate protection.
(Sphaerotheca fuliginea, Erysiphe cichoracearum) Cercospora Leaf Spot* (Cercospora citrulline) Gummy Stem Blight (Didymella bryoniae) Target Spot (Corynespora cassiicola)	<b>Drip:</b> 7 (0.114 lb. ai)	<b>Drip:</b> 14	<ul> <li>protection. Best results for both foliar and soilborne pathogens have been obtained when <b>Rondel</b> is applied preventively, as early as 14 days after transplanting, to provide protection of the roots from soilborne pathogens and to ensure time for movement of flutriafol into the foliage for protection against foliar pathogens. Once fruit are present, foliar applications are needed for fruit protection.</li> <li>For gummy stem blight and target spot, tank mix with mancozeb for resistance management and in fields with known triazole resistance, apply <b>Rondel</b> with mancozeb or alternative effective fungicide mode of action for disease control.</li> </ul>
Charcoal Rot (Macrophomina phaseolina)	7 (0.114 lb. ai)	14	Apply through drip irrigation (see <b>Chemigation</b> section). Make initial application at transplanting. Make a second application 14 days later. Additional applications may be made on a 14 day interval, as needed.
Suppression: Fusarium Wilt (Fusarium oxysporum)	7 (0.114 lb. ai)	14	Apply preventively or when conditions are favorable for disease development and repeat application every 14 days to provide extended in-season suppression. Best results for soilborne disease suppression have been obtained when <b>Rondel</b> is applied preventively, as early as 14 days after transplanting, to provide protection of the roots from soilborne pathogens. <b>Rondel</b> may be alternated with other non-Group 3 mode of action fungicides to improve Fusarium management.

#### **Restrictions for All Cucurbit Crop Group 9 Uses:**

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- Minimum Retreatment Interval (RTI): 7 days.
- **DO NOT** apply more than 4 applications per year.
- DO NOT apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- · Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): May be applied the day of harvest (0 day PHI).

#### Additional Watermelon Only Restrictions:

- DO NOT apply more than 2 sequential applications, including soil and foliar applications of any Group 3 fungicide, before rotating with a fungicide from a different FRAC group.
- · Use nonionic surfactants (NIS) only.
- DO NOT use organo silicone adjuvants, or crop oil concentrate (COC), or methylated seed oil (MSO) surfactants.

Precaution for watermelon use: Under certain environmental conditions, applications of Rondel may result in phytotoxicity symptoms that may reduce watermelon yields. Atticus, LLC recommends the grower and/or user test this product to determine its suitability for use in watermelon. Atticus, LLC provides this product to the grower and/or user solely to the extent that the benefit and utility, in the sole opinion of the grower and/or user, outweighs the potential of crop phytotoxicity following applications of Rondel to watermelon. The decision to use or not use Rondel in watermelon must be made by each individual grower and/or user on the basis of possible crop phytotoxicity, the severity of disease incidence, the cost of alternative disease control options, and other factors.

\*Not Registered for Use by California

#### HOPS\*

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Powdery Mildew (Podosphaera macularis, Sphaerotheca macularis)	5- 7 (0.081- 0.114 lb. ai)	14	Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if conditions remain favorable for disease development.
			Apply a minimum of 30 gallons per acre spray volume for ground applications and 10 gallons per acre spray volume for aerial applications.
			An adjuvant may be used with <b>Rondel</b> .

#### **Restrictions:**

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- · Minimum Retreatment Interval (RTI): 14 days.
- **DO NOT** apply more than 4 applications per year.
- **DO NOT** apply more than 28 fl. oz. (0.455 lb. ai) per Acre per year.
- $\,$  DO NOT apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): DO NOT apply within 7 days of harvest



#### PEANUT\*

12.110			
Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Early Leaf Spot (Cercospora arachidicola) Late Leaf Spot (Cercosporidium personatum) Peanut Rust (Puccinia arachidis) Leaf Scorch/ Pepper Spot (Leptosphaerulina crassiasca) Web Blotch (Phoma arachidicola)	5 - 7 (0.081- 0.114 lb. ai)	14	Apply on a preventive spray schedule for effective disease control in peanuts. <b>Rondel</b> can be tank mixed with other fungicides for improved disease control, broader spectrum control and resistance management.
Suppression of Soil-Borne Diseases: White Mold / Southern Stem Rot (Sclerotium rolfsii)	5 - 7 (0.081- 0.114 lb. ai)	14	For soil-borne diseases, rainfall or irrigation will optimize activity of <b>Rondel</b> . Tank-mix with other labeled fungicides for improved activity on soil-borne diseases.

#### **Restrictions:**

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- Minimum Retreatment Interval (RTI): 14 days.
- **DO NOT** apply more than 4 applications per year.
- **DO NOT** apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): DO NOT apply within 7 days of harvest.

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#### PECAN AND OTHER TREE NUTS

African Tree Nut, Brazil Nut, Burr Oak, Butternut, Cajou, Cashew, Castanha-Do-Maranhao, Coconut, Coquito Nut, Dika nut, Guiana Chestnut, Hazelnut, Heartnut, Hickory Nut, Japanese Horse-Chestnut, Macadamia Nut, Mongongo Nut, Monkeypot, Pachira Nut, Pecan, Sapucaia Nut.

	Product Rate	Application Interval	Application Directions	
Diseases	(Fl. Oz./A)	(Days)		
Pecan Scab	5-7	7	For Pecan Scab control, start application at bud break.	
(Fusicladium effusum) Powdery Mildew (Microsphaera penicillata) Alternaria Leaf and Fruit Spot (Alternaria alternata) Anthracnose (Colletotrichum acutatum) Downy Spot	(0.081- 0.114 lb. ai)		For all other disease apply preventatively or when conditions remain favorable for disease development. Repeat as necessary if conditions are favorable for disease development.	
(Mycosphaerella caryigena) Zonate Leaf Spot (Cristulariella moricola)				
Eastern Filbert Blight (Anisogramma anomalea)	7 (0.114 lb, ai)	7	For Hazelnut only apply preventatively or when conditions remain favorable for disease development. Repeat as necessary if conditions are favorable for disease development.	

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- Minimum Retreatment Interval (RTI): 7 days.
- **DO NOT** apply more than 4 applications per year.
- $\,$  DO NOT apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): DO NOT apply within 14 days of harvest.



#### **VEGETABLES, FRUITING, GROUP 8-10**

African Eggplant, Bell Pepper, Eggplant, Martynia, Non-Bell Pepper, Okra, Pea Eggplant, Pepino, Roselle, Scarlet Eggplant, and cultivars, varieties and/or hybrids of these crops.

Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions
Powdery Mildew (Leveillula taurica) Anthracnose (Colletotrichum coccedes, C. acutatum) Cercospora Leaf Spot (Cercospora capsici) Black Mold* (Alternaria alternata) Early Blight* (Alternaria solani)	7 (0.114 lb. ai)	Foliar: 7 Drip Irrigation: 14	Apply preventatively or when conditions are favorable for disease development.  Repeat as necessary if conditions remain favorable for disease development.  Best results for both foliar and soilborne pathogens have been obtained when <b>Rondel</b> is applied preventively, shortly after transplanting, to provide protection of the roots from soilborne pathogens and to ensure time for movement of flutriafol into the foliage for protection against foliar pathogens. Once fruit are present, foliar applications are needed for fruit protection.
Target Spot* (Corynespora cassiicola)	7 (0.114 lb. ai)	14	Only apply through drip irrigation. Apply preventatively or when conditions are favorable for disease development. Repeat as necessary if conditions remain favorable for disease development. Best results for both foliar and soilborne pathogens have been obtained when <b>Rondel</b> is applied preventively, shortly after transplanting, to provide protection of the roots from soilborne pathogens and to ensure time for movement of flutriafol into the foliage for protection against foliar pathogens. Once fruit are present, foliar applications are needed for fruit protection.
Charcoal Rot (Macrophomina phaseolina) Fusarium Wilt* (Fusarium oxysporum)	7 (0.114 lb. ai)	14	Product is to be applied through drip irrigation (see <b>Chemigation</b> section). Make initial application at transplanting. Make a second application 14 days later. Additional applications may be made on a 14 day interval, as needed.

#### **Restrictions:**

- No single application may exceed 7 fl. oz. (0.114 lb. ai) of product per Acre.
- · Minimum Retreatment Interval (RTI): 7 days.
- **DO NOT** apply more than 4 applications per year.
- **DO NOT** apply more than 28 fl. oz. (0.455 lb. ai) of product per Acre per year.
- **DO NOT** apply more than 0.455 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): May be applied the day of harvest (0 day PHI).

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#### POME FRUIT (APPLE, CRABAPPLE, LOQUAT, MAYHAW, PEAR, ORIENTAL PEAR, AND QUINCE)

POME FRUIT (APPLE, GRADAPPLE, LOQUAL, MATHAW, PEAR, UNIENTAL PEAR, AND QUINGE)				
Diseases	Product Rate (Fl. Oz./A)	Application Interval (Days)	Application Directions	
Powdery Mildew (Podosphaera leucotricha) Quince Rust (Gymnosporangium clavipes) Cedar Apple Rust (Gymnosporangium juniperi-virginianae) Brooks Fruit Spot* (Mycosphaerella pomi) Flyspeck* (Zygophiala jamacaicensis) (formerly Schizothyrium pomi)	4 - 6 (0.065 - 0.098 lb. ai)	10	Initiate applications at green tip and continue through cover sprays.	
Apple Scab (Venturia inaequalis) Sooty Blotch*	6.5 (0.106 lb. ai)	7 - 10	Initiate applications at green tip or when environmental conditions are favorable for primary scab development.  Continue applications through the duration of primary scab.	
(Gloeodes pomigena) Bot rot or White rot*			Mix <b>Rondel</b> with a protectant, for example, mancozeb or captan fungicide for scab control.	
(Botryosphaeria dothidea) Black Rot* (Botryosphareia obtusa) Bitter Rot* (Colletotrichum gloeosporioides, C. acutatum) Alternaria Blotch* (Alternaria mali)			Tank mix applications containing <b>Rondel</b> with a protectant, for example mancozeb or captan fungicide, will also effectively control listed summer rots when applied at cover spray timings.	
Pear Scab	6.5	7 - 10	Start application at pink bud and continue through the duration of the primary scab period.	
(Venturia pirina)	(0.106 lb. ai)		Mix <b>Rondel</b> with a protectant, for example, mancozeb or captan for improved scab control.	

#### **Restrictions:**

- No single application may exceed 6.5 fl. oz. (0.106 lb. ai) of product per Acre.
- Minimum Retreatment Interval (RTI): 7 days.
- **DO NOT** apply more than 4 applications per year.
- **DO NOT** apply more than 26 fl. oz. (0.423 lb. ai) of product per A per year.
- **DO NOT** apply more than 0.423 lb. ai/A per year.
- Restricted Entry Interval (REI): 12 hours.
- Preharvest Interval (PHI): DO NOT apply within 14 days of harvest.



#### STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used must be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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 plastic containers  $\leq$  5 gallons: Nonrefillable 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 or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

For plastic containers > 5 gallons: Nonrefillable 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. Fill the container ¼ full with water. Recap 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 among times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

#### LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

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