Active Ingredients:
Azoxystrobin* ........................................ 18.2%
Difenoconazole** ..................................... 11.4%
Other Ingredients: .................................... 70.4%
Total: .................................................. 100.0%

*CAS No. 131860-33-8
**CAS No. 119446-68-3
Contains 1.67 lb of azoxystrobin active ingredient and 1.05 lb of difenoconazole active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN.
CAUTION
See additional precautionary statements and directions for use inside booklet.

Product of United Kingdom
Formulated in the USA
EPA Reg. No. 100-1313
EPA Est. 100-NE-001
SCP 1313A-L5A 1215
4061779

2.5 gallons
Net Contents
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 eye.
- Call a poison control center or doctor for treatment advice.

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

HOT LINE NUMBER
For 24-Hour Medical Emergency Assistance (Human or Animal)
Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident)
Call 1-800-888-8372

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION
Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wear protective eyewear. 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 polyvinyl chloride, nitrile rubber or butyl rubber.

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

Engineering Control Statements
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.

continued...
Environmental Hazards
Difenoconazole is toxic to fish, mammals and aquatic invertebrates. Drift and runoff may be hazardous to estuarine/marine organisms in water adjacent to treated area.
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 Syngenta immediately if you observe any adverse environmental effects due to use of this product.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.
SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a 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.

### AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof materials such as polyvinyl chloride, nitrile rubber or butyl rubber.
- Shoes plus socks

### PRODUCT INFORMATION

Quadris Top is a broad-spectrum product containing two fungicides. It has preventative, systemic and curative properties and is recommended for the control of many important plant diseases. Quadris Top provides excellent disease control of many leaf spots and powdery mildews. Quadris Top is applied as a foliar spray and can be used in block, alternating spray or tank-mix programs with other crop protection products. All applications should be made according to the use directions that follow.
USE PRECAUTIONS AND RESTRICTIONS

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

ATTENTION

Quadris Top 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 Quadris Top where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State Extension Agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply Quadris Top to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

AVOIUD SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

USE INFORMATION

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

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

Use of Adjuvants: Under certain weather conditions (particularly high temperatures) Quadris Top in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. Do not exceed 0.125% adjuvant (v/v). Consult a Syngenta representative for more information concerning additives or adjuvants.

A tank mixture with Dimethoate may cause crop injury.

On fresh market tomatoes, do not use adjuvants or tank mix Quadris Top with any EC product.

Efficacy: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if the maximum amount of Quadris Top has been used. If resistant isolates to Group 3 or Group 11 fungicides are present, efficacy can be reduced for certain diseases. The higher rates in the rate range and/or shorter spray intervals may be required under conditions of heavy infection pressure, with highly susceptible varieties, or when environmental conditions are conducive to disease.

Integrated Pest Management (IPM): Quadris Top should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. Consult your local agricultural authorities for additional IPM strategies established for your area. Quadris Top may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

Resistance Management

Quadris Top contains two fungicides - azoxystrobin, a strobilurin fungicide in Group 11 and difenoconazole, a triazole fungicide in Group 3. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or state agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include rotating and/or tank mixing with products having different modes of action or limiting the total number of applications per season. Syngenta encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label. Quadris Top should not be alternated or tank mixed with any fungicide to which resistance has already developed.
As part of a resistance management strategy:

- Apply a maximum of 4 sprays during one crop cycle.
- Apply no more than 2 sequential applications unless otherwise stated in the crop section.
- When tank mixing or alternating, use an effective partner – one that provides satisfactory disease control when used alone at the mixture rate.

Rotational Crops: Please see the following table for the crop rotational restrictions:

<table>
<thead>
<tr>
<th>Rotational Crops</th>
<th>Planting Time From Last Quadris Top Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artichoke, Globe</td>
<td></td>
</tr>
<tr>
<td>Bean and Pea, Dried Shelled Subgroup 6C</td>
<td></td>
</tr>
<tr>
<td>Berry, Bushberry Subgroup 13-07B</td>
<td></td>
</tr>
<tr>
<td>Berry, Low Growing, Subgroup 13-07G, except Cranberry</td>
<td></td>
</tr>
<tr>
<td>Brassica (Cole) Leafy Vegetables</td>
<td></td>
</tr>
<tr>
<td>Bulb Vegetables</td>
<td></td>
</tr>
<tr>
<td>Carrots</td>
<td>0 days</td>
</tr>
<tr>
<td>Chickpeas</td>
<td></td>
</tr>
<tr>
<td>Cucurbit Vegetables</td>
<td></td>
</tr>
<tr>
<td>Eggplant</td>
<td></td>
</tr>
<tr>
<td>Fruiting Vegetables Crop Group B-10</td>
<td></td>
</tr>
<tr>
<td>Ginseng</td>
<td></td>
</tr>
<tr>
<td>Okra</td>
<td></td>
</tr>
<tr>
<td>Pepper</td>
<td></td>
</tr>
<tr>
<td>Potatoes</td>
<td></td>
</tr>
<tr>
<td>Soybeans</td>
<td></td>
</tr>
<tr>
<td>Strawberries</td>
<td></td>
</tr>
<tr>
<td>Sugar Beets</td>
<td></td>
</tr>
<tr>
<td>Tomatoes</td>
<td></td>
</tr>
<tr>
<td>Tuberous &amp; Corm Vegetable Subgroup 1C</td>
<td></td>
</tr>
<tr>
<td>Cereals (Wheat, Barley, Triticale)</td>
<td>30 days</td>
</tr>
<tr>
<td>Oats</td>
<td></td>
</tr>
<tr>
<td>Rye</td>
<td></td>
</tr>
<tr>
<td>Root and Tuber Vegetables, Crop Group 1 (except Carrot, Sugar Beet, and Tuberous Corm Vegetable Subgroup 1C)</td>
<td>365 days</td>
</tr>
<tr>
<td>Buckwheat</td>
<td></td>
</tr>
<tr>
<td>Millet</td>
<td></td>
</tr>
<tr>
<td>All Other Crops Intended for Food and Feed</td>
<td>60 days</td>
</tr>
</tbody>
</table>

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

Greenhouse Use: For resistance management, do not use Quadris Top for transplant production.

Spray Drift Management: To avoid spray drift, do not apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER. More information on managing spray drift can be found on the Syngenta Crop Protection website under Stewardship (http://www.syngentacropprotection-us.com/enviro/driftmanagement/index.asp?nav=drift_management).
MIXING AND APPLICATION METHODS

Spray Equipment
Nozzles
- Equip sprayers with nozzles that provide accurate and uniform application.
- Use the same size nozzles uniformly spaced across the boom.
- Calibrate sprayer before use.
- Use screens to protect the pump and to prevent nozzles from clogging.
- On suction side of pump use screens that are 16-mesh or coarser.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer’s recommendations.

Pump
- Use a pump with capacity to:
  1. Maintain 35-40 psi at nozzles.
  2. Provide sufficient agitation in tank to keep mixture in suspension - this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

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

Mixing Instructions
- Quadris Top is a suspension concentrate (SC) formulation.
- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day’s use and dispose of pesticide rinsate by application to an already treated area.

Quadris Top Alone (No Tank Mix)
- Add 1/2-3/4 of the required amount of water to the spray or mixing tank.
- With the agitator running, add Quadris Top to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after Quadris Top has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

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

Tank Mixtures: All directions for use, crops/sites, use rates, dilution rates, precautions, and limitations which appear on the tank-mix product label must be observed. The label dosage for the tank-mix partner is not to be exceeded, and the most restrictive label precautions and limitations are to be followed.

Mixing in the Spray Tank
- Add 1/2-3/4 of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and Quadris Top to the spray tank.
• Allow Quadris Top to completely disperse.
• Spray the mixture with the agitator running.

**Application Instructions**
Quadris Top may be applied with many types of spray equipment commonly used for making ground and aerial applications. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

**Ground Application**
• Apply in a minimum of 10 gal of water per acre, unless specified otherwise.
• Do not apply through any ultra-low volume (ULV) spray system.
• Thorough coverage is necessary to provide good disease control.

**Aerial Application**
• Use only on crops where aerial applications are indicated.
• Thorough coverage is necessary to provide good disease control.
• Apply in a minimum of 5 gallons of water per acre unless specified otherwise.
• Do not apply under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur.
• Do not apply directly to humans or animals.
• Do not apply through any ultra-low volume (ULV) spray system.

**ATTENTION**
Quadris Top 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 Quadris Top where spray drift may reach apple trees.

**DO NOT** spray when conditions favor drift beyond area intended for application.

Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State Extension Agent for spray drift prevention guidelines in your area.

**DO NOT** use spray equipment which has been previously used to apply Quadris Top 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.**

**Application Through Irrigation Systems (Chemigation)**
• Use only on crops for which chemigation is specified on this label.
• Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system.
• Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
• Apply in 0.1-0.25 inches/acre. Excessive water may reduce efficacy.
• If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
• Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place.
• A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Operating Instructions**
1. The system must contain a functional check-valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

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

5. 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.

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

7. Do not apply when wind speed favors drift beyond the area intended for treatment.

**Center Pivot Irrigation Equipment**

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

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as recommended by the equipment manufacturer. When applying Quadris Top through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Quadris Top required to treat the area covered by the irrigation system.
- Add the required amount of Quadris Top and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Quadris Top solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Quadris Top solution has cleared the sprinkler head.

**Solid Set, Hand Move, and Moving Wheel Irrigation Equipment**

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20- to 30-minute interval. When applying Quadris Top through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Quadris Top required to treat the area covered by the irrigation system.
- Add the required amount of Quadris Top into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.
- Stop injection equipment after treatment is completed. Continue to operate the system until the Quadris Top solution has cleared the last sprinkler head.

**SPECIFIC INSTRUCTIONS FOR PUBLIC WATER SYSTEMS**

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

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

7. Do not apply when wind speed favors drift beyond the area intended for treatment.

**SPECIFIC DIRECTIONS FOR USE**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almonds</td>
<td>Alternaria Leaf Spot</td>
<td>12-14</td>
<td>For blossom blight, begin applications at early bloom and continue through petal fall. Make no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</td>
</tr>
<tr>
<td></td>
<td>(A. alternata)</td>
<td></td>
<td>For all other diseases, begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14- to 21-day schedule making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action.</td>
</tr>
<tr>
<td></td>
<td>Anthracnose</td>
<td></td>
<td>If monitoring or history indicates the presence of Alternaria, apply 14 fl oz/A of Quadris Top in the late spring (mid April to beginning of May) and then repeat the treatment 2-3 weeks later.</td>
</tr>
<tr>
<td></td>
<td>(Colletotrichum acutatum)</td>
<td></td>
<td>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.</td>
</tr>
<tr>
<td></td>
<td>Blossom Blight</td>
<td></td>
<td>If disease pressure is high, use the shortest interval and highest rate.</td>
</tr>
<tr>
<td></td>
<td>(Monilinia spp.)</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Leaf Blight</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>(Seimatosporium lichenicola)</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Leaf Rust</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>(Tranzschelia discolor)</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Scab</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>(Venturia carphophila)</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Shot Hole</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Wilsonomyces carpophilus)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended.

**Specific Use Restrictions:**
1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/Al/year of difenoconazole-containing products.
3) Do not apply more than 1.5 lb ai/Al/year of azoxystrobin-containing products.
4) Do not apply within 28 days of harvest (28-day PHI).
**Target Diseases**

- Ramularia Leaf Spot
- Ramularia Bud Spot (R. cynarea)

**Use Rate**

- 10-14 fl oz product/A

**Remarks**

- Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground, chemigation, or aerial application. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, a minimum of 10 gal/A of water is recommended. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.

**Specific Use Restrictions:**

1. Do not apply more than 56 fl oz/A of Quadris Top per year.
2. Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
3. Do not apply more than 1.5 lb ai/A/year of azoxytrobin-containing products.
4. Do not apply Quadris Top within 3 days of harvest (3-day PHI).

**Crop**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artichoke, Globe</td>
<td>Ramularia Leaf Spot</td>
<td>10-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</td>
</tr>
</tbody>
</table>

**Bean and Pea, Dried Shelled (except soybean) – Subgroup 6C**

- To be grown for bean, dried seed only.
- Phaseolus
- Vigna
- Pisum
- Lupinus

- Anthranose (Colletotrichum lindemuthianum)
- Alternaria leaf spot (A. alternata)
- Alternaria blight (Alternaria spp.)
- Ascochyta leaf and pod spot (Ascochyta spp.)
- Ascochyta blight (Mycosphaerella pinodes)
- Cercospora leaf spot (Cercospora cruenta)

- 12-14

- Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground, chemigation, or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications a minimum of 10 gal/A of water is recommended. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.

**Complete List of Bean and Pea, dried shelled (except soybean) – Subgroup 6C:**

- Dried cultivars of bean (Lupinus);
- bean (Phaseolus) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, tepary bean); bean (Vigna) (includes adzuki bean, blackeyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean); broad bean; guar; lablab bean; lentil; pea (Pisum) (includes field pea); pigeon pea
**Specific Use Restrictions:**

1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 28 fl oz/A of Quadris Top (0.23 lb difenoconazole/A/year) per year for pea vines and hay.
3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
4) Do not apply more than 1.3 lb ai/A/year of azoxystrobin-containing products.
5) Do not feed or harvest cowpeas forage and hay.
6) Do not apply Quadris Top within 14 days of harvest (14-day PHI).

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berry, Bushberry</td>
<td>Powdery mildew (Microsphaera alni)</td>
<td>12-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease.</td>
</tr>
<tr>
<td>Subgroup 13-078 Blueberry</td>
<td>Anthracnose (Cotelletrichum spp.)</td>
<td></td>
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<tr>
<td></td>
<td>Septoria leaf spot (S. albobunctata)</td>
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<tr>
<td></td>
<td>Alternaria leaf spot (A. tenuissima)</td>
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<tr>
<td></td>
<td>Leaf rust (Pucciniastrum vaccinii)</td>
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<td></td>
<td>Monilinia blight and Mummyberry blight (M. vaccini-corymbosis)</td>
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</tr>
</tbody>
</table>

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications a minimum of 10 gal/A of water is recommended.

**Complete List of Bushberry Subgroup:** Aronia berry; blueberry, highbush; blueberry, lowbush; buffalo currant; Chilean guava; cranberry, highbush; currant, black; currant, red; elderberry; European barberry; gooseberry; honeysuckle, edible; huckleberry; jostaberry; Juneberry (Saskatoon berry); lingonberry; native currant; salal; sea buckthorn; cultivars, varieties, and/or hybrids of these.

**Specific Use Restrictions:**

1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.75 lb ai/A/year of azoxystrobin-containing products.
3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
4) Do not apply Quadris Top within 7 days of harvest (7-day PHI).
<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berry, Low Growing, Subgroup 13-07G, except Cranberry Including all cultivars and/or hybrids of these</td>
<td>Anthracnose (Colletotrichum spp.)</td>
<td>12-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7- to 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. If disease pressure is high, use the shortest interval and highest rate.</td>
</tr>
<tr>
<td></td>
<td>Leaf Rust (Phragmidium potenillae)</td>
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<tr>
<td></td>
<td>Leaf Spot (Cercospora fragariae)</td>
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<tr>
<td></td>
<td>Powdery Mildew (Sphaerotheca macularis)</td>
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</tr>
</tbody>
</table>

Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground, chemigation, or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications a minimum of 10 gal/A of water is recommended. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.

Complete List of Additional Low Growing Berries: Bearberry; Bilberry; Blueberry, lowbush; Cloudberry; Lingonberry; Muntries; Partridgeberry; Strawberry; cultivars, varieties, and/or hybrids of these.

Specific Use Restrictions:
1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
3) Do not apply more than 1.0 lb ai/A/year of azoxystrobin-containing products.
4) Quadris Top may be applied up to 0 day of harvest (0-day PHI).
<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brassica (Cole) Leafy Vegetables</td>
<td>Alternaria Diseases (Alternaria spp.)</td>
<td>12-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7- to 14-day schedule, making no more than 1 application before alternating to another fungicide with a non-Qol (Group 11) mode of action.</td>
</tr>
<tr>
<td>Brassica (Cole) Leafy Vegetables</td>
<td>Anthracnose (Colletotrichum higginsianum)</td>
<td></td>
<td>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.</td>
</tr>
<tr>
<td>Brussels Sprouts</td>
<td>Cerocospora Leaf Spot (C. brassicicola)</td>
<td></td>
<td>If disease pressure is high, use the shortest interval and highest rate.</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>Powdery Mildew (Erysiphe polygoni)</td>
<td></td>
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<tr>
<td>Collards</td>
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<tr>
<td>Kale</td>
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<tr>
<td>Mustard Greens</td>
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<tr>
<td>Including all cultivars and/or hybrids of these</td>
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<td></td>
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<tr>
<td>See additional crops below.</td>
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</tbody>
</table>

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

**Complete List of Brassica Leafy Vegetables:** Broccoli; broccoli, Chinese (gai lon); broccoli raab (rapini); Brussels sprouts; cabbage; cabbage, Chinese (bok choy); cabbage, Chinese (napa); cabbage, Chinese mustard (gai choy); cauliflower; cavalo broccoli; collards; kale; kohlrabi; mizuna; mustard greens; mustard spinach; rape greens; turnip greens

**Specific Use Restrictions:**
1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
3) Do not apply more than 0.75 lb ai/A/year of azoxystrobin-containing products.
4) Do not apply within 1 day of harvest (1-day PHI).
<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulb Vegetables</td>
<td>Botrytis Leaf Blight (B. squamosa)</td>
<td>12-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7- to 14-day schedule, making no more than 1 application before alternating to another fungicide with a non-QoI (Group 11) mode of action.</td>
</tr>
<tr>
<td>Onion, Bulb</td>
<td>Cercospora Leaf Spot (C. dudidlæ)</td>
<td></td>
<td>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.</td>
</tr>
<tr>
<td>Garlic</td>
<td>Leaf Blotch (Cladosporium allii-cæpeæ)</td>
<td></td>
<td>If disease pressure is high, use the shortest interval and highest rate.</td>
</tr>
<tr>
<td>Shallot</td>
<td>Powdery Mildew (Leveillula taurica)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Onion, Green</td>
<td>Purple Blotch (Alternaria porri)</td>
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<tr>
<td>Leek</td>
<td>Stemphyllium Leaf Blight (S. vesicarium)</td>
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<tr>
<td>Welsh Onion Tops</td>
<td></td>
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</tbody>
</table>

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

**Bulb onion subgroup 3-07A:** Daylily, bulb; fritillaria, bulb; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; lilj, bulb; onion, bulb; onion, Chinese, bulb; onion, pearl; onion, potato, bulb; shallot, bulb; cultivars, varieties, and/or hybrids of these.

**Green onion subgroup 3-07B:** Chive, fresh leaves; chive, Chinese, fresh leaves; elegans hosta; fritillaria, leaves; kurrat; lady's leek; leek; leek, wild; onion, Beltsville bunching; onion, fresh; onion, green; onion, macrostem; onion, tree, tops; onion, Welsh, tops; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these.

**Specific Use Restrictions:**
1. For green onions, do not apply more than 42 fl oz/A of Quadris Top per year.
2. For green onions, do not apply more than 0.34 lb ai/A/year of difenoconazole-containing products.
3. For dry bulb onions, do not apply more than 56 fl oz/A of Quadris Top per year.
4. For dry bulb onions, do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
5. For the bulb vegetable crop group, do not apply more than 1.5 lb ai/A per year of azoxystrobin-containing products.
6. Do not apply within 7 days of harvest (7-day PHI).
<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrots</td>
<td>Alternaria Leaf Blight (Alternaria dauci)</td>
<td>12-14 fl oz product/A</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7- to 10-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</td>
</tr>
<tr>
<td></td>
<td>Cercospora Leaf Spot (Cercospora carotae)</td>
<td></td>
<td>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.</td>
</tr>
<tr>
<td></td>
<td>Powdery Mildew (Erysiphe spp.)</td>
<td></td>
<td>If disease pressure is high, use the shortest interval and highest rate.</td>
</tr>
<tr>
<td></td>
<td>Southern Blight (Sclerotium rolfsii)</td>
<td></td>
<td>For southern blight (white mold) use 14 fl oz/A.</td>
</tr>
<tr>
<td>Chickpea (garbanzo bean)</td>
<td>Alternaria Blight (A. alternata)</td>
<td>8-14 fl oz product/A</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</td>
</tr>
<tr>
<td></td>
<td>Ascochyta Blight (A. rabiei)</td>
<td></td>
<td>The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.</td>
</tr>
<tr>
<td></td>
<td>Powdery Mildew (Leveillula taurica)</td>
<td></td>
<td>If disease pressure is high, use the highest rate.</td>
</tr>
<tr>
<td></td>
<td>Rust (Uromyces ciceris-arietini)</td>
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</tr>
</tbody>
</table>

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground, chemigation, or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications a minimum of 10 gal/A of water is recommended. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.

**Specific Use Restrictions:**
1) Do not apply more than 56 fl oz of Quadris Top per acre per year.
2) Do not apply more than 0.46 lb ai/acre/year of difenoconazole-containing products.
3) Do not apply more than 2.0 lb ai/acre/year of azoxystrobin-containing products.
4) Do not apply within 7 days of harvest (7-day PHI).
<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrus Fruit Crop Group 10-10</td>
<td>Greasy Spot (Mycosphaerella citri)</td>
<td>10-15.4</td>
<td>Quadris Top applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground or air. An adjuvant may be added at recommended rates. A horticultural spray oil should be used to improve control of greasy spot. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. If disease pressure is high, use the shortest interval and highest rate. Make no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) different mode of action. Do not make more than 4 applications of Quadris Top or other Group 11 fungicides per season.</td>
</tr>
<tr>
<td>Grapefruit</td>
<td>Alternaria Leaf and Fruit Spot (Alternaria citri)</td>
<td>15.4</td>
<td>Quadris Top applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground or air. An adjuvant may be added at recommended rates. A horticultural spray oil should be used to improve control of greasy spot. If disease pressure is high, use the shortest interval. Make no more than 2 sequential applications before alternating to another fungicide with a non-Qol (Group 11) different mode of action. Do not make more than 4 applications of Quadris Top or other Group 11 fungicides per season. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.</td>
</tr>
<tr>
<td>Lemon</td>
<td>Anthracnose (Colletotrichum spp.)</td>
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<tr>
<td>Lime</td>
<td>Black Spot (Guignardia citricarpa)</td>
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</tr>
<tr>
<td>Orange (Sour and Sweet)</td>
<td>Greasy Spot Rind Blotch (Mycosphaerella citri)</td>
<td></td>
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</tr>
<tr>
<td>Tangerine</td>
<td>Melanose (Diaporthe citri)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>包括所有 cultivars and/or hybrids of these</td>
<td>Phomopsis Stem-End Rot (Phomopsis citri)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>See complete list of citrus fruit crops below.</td>
<td>Post-Bloom Fruit Drop (PFD) (Colletotrichum acutatum)</td>
<td></td>
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<tr>
<td>Scab</td>
<td>(Elsinoe fawcettii)</td>
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</tbody>
</table>

Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended.

Complete List of Citrus Fruit Crops: Australian desert lime; Australian finger lime; Australian round lime; Brown River finger lime; Calamondin; Citron; Citrus hybrids (Citrus spp., Eremocitrus spp., Fortunella spp., Microcitrus spp., and Poncirus spp.); Grapefruit; Japanese summer grapefruit; Kumquat; Lemon; Lime; Mediterranean mandarin; Mount White lime; New Guinea wild lime; Orange, sour; Orange, sweet; Pummelo; Russell River lime; Satsuma mandarin; Sweet lime; Tachibana orange; Tahiti lime; Tangelo; Tangerine (Mandarin); Tangor; Trifoliate orange; Uniq fruit; cultivars, varieties and/or hybrids of these.
### Specific Use Restrictions:

1. Do not use Quadris Top in citrus plant propagation nurseries.
2. Do not apply more than 61.5 fl oz/A of Quadris Top per year.
3. Do not apply more than 0.5 lb ai/A per year of difenoconazole-containing products.
4. Do not apply more than 1.5 lb ai/A per year of azoxystrobin-containing products.
5. May be applied the day of harvest (0-day PHI).

### Cucurbit Vegetables

- **Cantaloupe**
  - Alternaria Leaf Blight (A. cucumerina)
- **Cucumber**
  - Alternaria Leaf Spot (A. alternata)
- **Honeymelon**
  - Anthracnose (Colletotrichum orbiculare)
- **Watermelon**
  - Belly Rot (Rhizoctonia solani)
- **Pumpkin**
  - Cercospora Leaf Spot (C. citrullina)
- **Squash**
  - Downy Mildew (Pseudoperonospora cubensis)
  - Gummy Stem Blight (Didymella bryoniae)
  - Myrothecium Canker (M. roridum)
  - Phoma Blight (P. exigua)
  - Phylllosticta Leaf Spot (P. cucurbitacearum)
  - Plectosporium Blight (P. tabacinum)
  - Powdery Mildew (Sphaerotheca fuliginea, Erysiphe cichoracearum)
  - Septoria Leaf Blight (S. cucurbitacearum)

### Use Rate

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate Fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cucurbit Vegetables</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cantaloupe</td>
<td>Alternaria Leaf Blight (A. cucumerina)</td>
<td>12-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7- to 14-day schedule, making no more than 1 application of a QoI containing fungicide before alternating to another fungicide with a different mode of action. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. If disease pressure is high, use the shortest interval and highest rate. For belly rot control, the first application should be made at the 1- to 3-leaf crop stage with a second application just prior to vine tip or 10-14 days later, whichever occurs first.</td>
</tr>
<tr>
<td>Cucumber</td>
<td>Alternaria Leaf Spot (A. alternata)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honeymelon</td>
<td>Anthracnose (Colletotrichum orbiculare)</td>
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</tr>
<tr>
<td>Watermelon</td>
<td>Belly Rot (Rhizoctonia solani)</td>
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<td>Pumpkin</td>
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<td>Squash</td>
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<tr>
<td>Zucchini</td>
<td>Gummy Stem Blight (Didymella bryoniae)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Including cultivars and/or hybrids of these</td>
<td>Myrothecium Canker (M. roridum)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>See additional cucurbit crops below.</td>
<td>Phoma Blight (P. exigua)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phylllosticta Leaf Spot (P. cucurbitacearum)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Plectosporium Blight (P. tabacinum)</td>
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<td></td>
<td>Powdery Mildew (Sphaerotheca fuliginea, Erysiphe cichoracearum)</td>
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</tr>
<tr>
<td></td>
<td>Septoria Leaf Blight (S. cucurbitacearum)</td>
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</table>

*continued...*
Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground, chemigation, or aerial application. A minimum of 15 gal/A of water for ground applications is recommended (20 for gummy stem blight). For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.

Complete List of Cucurbit Vegetables: 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, bittermelon, Chinese cucumber); muskmelon (includes cantaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon

Specific Use Restrictions:
1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/A per year of difenoconazole-containing products.
3) Do not apply more than 1.2 lb ai/A per year of azoxystrobin-containing products.
4) Do not apply within 45 days of harvest (45-day PHI).

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filberts (Hazelnuts)</td>
<td>Eastern Filbert Blight (Anisogramma anomala)</td>
<td>12-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14- to 21-day schedule making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) different mode of action. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. If disease pressure is high, use the shortest interval and highest rate.</td>
</tr>
</tbody>
</table>

Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended.

Specific Use Restrictions:
1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/A year of difenoconazole-containing products.
3) Do not apply more than 1.2 lb ai/A year of azoxystrobin-containing products.
4) Do not apply within 45 days of harvest (45-day PHI).
<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruiting Vegetables</td>
<td>Anthracnose (Colletotrichum spp.)</td>
<td>8-14</td>
<td>Begin applications prior to disease development and continue throughout the season on a 7- to 10-day interval. Make no more than 2 consecutive applications before switching to another effective fungicide with a different mode of action. If disease pressure is high, use the shortest interval and highest rate. The addition of a spreading/penetrating type adjuvant may enhance efficacy.</td>
</tr>
<tr>
<td>Crop Group 8-10 A and B</td>
<td>Cercospora Leaf Spot (C. capsici)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peppers</td>
<td>Gray Leaf Spot (Stemphyllium solani)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bell Pepper</td>
<td>Powdery Mildew (Oidiopsis siculo)</td>
<td></td>
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<tr>
<td>Non-Bell Pepper</td>
<td></td>
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<tr>
<td>Sweet Non-Bell</td>
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<tr>
<td>Eggplant</td>
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<tr>
<td>Including all cultivars</td>
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<td></td>
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<tr>
<td>and/or hybrids of these</td>
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<td></td>
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<tr>
<td>See Tomatoes section</td>
<td></td>
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<tr>
<td>for specific directions.</td>
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<tr>
<td>See complete list of</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>peppers and other</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>fruiting vegetables</td>
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<td></td>
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<tr>
<td>below.</td>
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</tbody>
</table>

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended.

**Complete List of Peppers and Other Fruiting Vegetables:** African eggplant; Bell pepper; Eggplant; Martynia; Non-bell pepper; Okra; Pea eggplant; Pepino; Roselle; Scarlet eggplant; cultivars, varieties; and/or hybrids of these.

**Specific Use Restrictions:**
1) Do not apply more than 56 fl oz/A/year of Quadris Top.
2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
3) Do not apply more than 2.0 lb ai/A/year of azoxystrobin-containing products.
4) May be applied the day of harvest (0-day PHI).

| Ginseng                   | Alternaria Blight (A. panax)           | 10-14                     | Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7- to 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action. |
|                          | Powdery Mildew (Erisiphe spp.)         |                          |                                                                          |

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground, chemigation, or aerial application. A minimum of 15 gal/A for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.

**Specific Use Restrictions:**
1) Do not apply more than 56 fl oz of Quadris Top per acre per year.
2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
3) Do not apply more than 2.0 lb ai/A/year of azoxystrobin-containing products.
4) Quadris Top may be applied the day of harvest (0-day PHI).
<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Alternaria Rot</strong> <em>(A. alternata)</em></td>
<td>12-14</td>
<td>For powdery mildew, begin at bud break and apply on a 10- to 21-day interval, making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action. For Phomopsis diseases, apply at bud break before shoots are 0.5 inches in length, and then again when shoots are 5-6 inches in length. For black rot, begin when shoot length is 1-3 inches and continue on a 10-day interval. For all other diseases, begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 10- to 14-day schedule, making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action. If disease pressure is high, use the shortest interval and highest rate. PRECAUTION: Avoid rates of methylated or ethylated vegetable oil/organosilicone adjuvants over 0.125% with Quadris Top as grape leaf injury may occur. PRECAUTION: On <em>V. labrusca</em>, <em>V. labrusca</em> hybrids and other non-vinifera hybrids where sensitivity is not known, the use of Quadris Top by itself or in tank mixtures with materials that may increase uptake (adjuvants, foliar fertilizers) may result in leaf burning or other phytotoxic effects. ATTENTION Quadris Top is extremely phytotoxic to certain apple varieties. Refer to caution in Use Precautions and Restrictions section of label.</td>
</tr>
<tr>
<td></td>
<td><strong>Angular Leaf Spot</strong> <em>(Mycosphaerella angulata)</em></td>
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<tr>
<td></td>
<td><strong>Anthracnose</strong> <em>(Elsinoe ampelina)</em></td>
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<tr>
<td></td>
<td><strong>Black Rot</strong> <em>(Guignarda bidwellii)</em></td>
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<tr>
<td></td>
<td><strong>Downy Mildew</strong> <em>(Plasmopara viticola)</em></td>
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<td></td>
<td><strong>Leaf Blight</strong> <em>(Pseudocercospora vitis)</em></td>
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<tr>
<td></td>
<td><strong>Phomopsis Cane and Leaf Spot</strong> <em>(P. viticola)</em></td>
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<td></td>
<td><strong>Powdery Mildew</strong> <em>(Uncinula necator)</em></td>
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<td></td>
<td><strong>Rotbrenner</strong> <em>(Pseudopezicula tracheiphila)</em></td>
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<td></td>
<td><strong>Septoria Leaf Spot</strong> <em>(S. ampelina)</em></td>
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<td></td>
<td><strong>Suppression only:</strong> Botrytis Bunch Rot <em>(B. cinerea)</em></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended.

**Specific Use Restrictions:**
1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/A per year of difenoconazole-containing products.
3) Do not apply more than 1.5 lb ai/A per year of azoxystrobin-containing products.
4) Do not apply within 14 days of harvest (14-day PHI).
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<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pecans</td>
<td>Downy Spot (Mycosphaerella caryigena)</td>
<td>8-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14- to 21-day schedule, making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. If disease pressure is high, use the shortest interval and highest rate.</td>
</tr>
<tr>
<td></td>
<td>Liver Spot (Gnomonia caryae pv pecanae)</td>
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<tr>
<td></td>
<td>Pecan Scab (Cladosporium caryigenum)</td>
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<tr>
<td></td>
<td>Powdery Mildew (Microsphaera penicillata)</td>
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<tr>
<td></td>
<td>Vein Spot (Gnomonia nerviseda)</td>
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<tr>
<td></td>
<td>Zonate Leaf Spot (Grovesinia pyramidalis)</td>
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</tbody>
</table>

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended.

**Specific Use Restrictions:**
1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/A per year of difenoconazole-containing products.
3) Do not apply more than 1.2 lb ai/A per year of azoxystrobin-containing products.
4) Do not apply within 45 days of harvest (45-day PHI).

| Pistachios | Alternaria Late Blight (Alternaria spp.)          | 12-14                    | Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14- to 21-day schedule, making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. If disease pressure is high, use the shortest interval and highest rate. |
|            | Panicle and Shoot Blight (Botryosphaeria dothidea) |                          |                                                                                                                                                                                                        |
|            | Septoria Leaf Spot (S. pistaciarum)               |                          |                                                                                                                                                                                                        |

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended.

**Specific Use Restrictions:**
1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/A per year of difenoconazole-containing products.
3) Do not apply more than 1.5 lb ai/A per year of azoxystrobin-containing products.
4) Do not apply within 14 days of harvest (14-day PHI).
<table>
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<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| Potatoes | Black Dot  
(Coletotrichum cocodes)                       | 8-14                     | Begin applications prior to disease development and continue throughout the season on a 7- to 14-day interval. Make no more than 2 consecutive applications before switching to another effective fungicide with a different mode of action.  |
|          | Brown Spot  
(Alternaria alternata)                        |                          | The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. |
|          | Early Blight  
(Alternaria solani)                          |                          | If disease pressure is high, use the shortest interval and highest rate.                                                                      |
|          | Powdery Mildew  
(Erysiphe cichoracearum)                      |                          | The addition of a spreading/penetrating type adjuvant may enhance efficacy.                                                                 |
|          | Septoria Leaf Spot  
(S. lycopersici)                      |                          |                                                                                                                                              |

**Application:** For best results, use sufficient water volume to provide thorough coverage. Quadris Top may be applied by ground, chemigation, or aerial application.

**Specific Use Restrictions:**
1) Do not apply more than 55.3 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
3) Do not apply more than 2.0 lb ai/A/year of azoxystrobin-containing products.
4) Do not apply within 14 days of harvest (14-day PHI).
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<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybean</td>
<td>Aerial Blight (Rhizoctonia solani)</td>
<td>8-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7- to 10-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. If disease pressure is high, use the shortest interval and highest rate.</td>
</tr>
<tr>
<td></td>
<td>Alternaria Leaf Spot (Alternaria spp.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Anthracnose (Colletotrichum truncatum)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Brown Spot (Septoria glycines)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cercospora Blight and Leaf Spot (C. kikuchii)</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Frogeye Leaf Spot (Cercospora sojina)</td>
<td></td>
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<tr>
<td></td>
<td>Pod and Stem Blight (Diaporthe phaseolorum)</td>
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<tr>
<td></td>
<td>Powdery Mildew (Microsphaera diffusa)</td>
<td></td>
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<tr>
<td></td>
<td>Rust (Phakopsora spp.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground, chemigation, or aerial application. May be applied in a minimum of 2 gallons of water per acre by air. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.

**Specific Use Restrictions:**
1) Do not apply more than 26.5 fl oz of Quadris Top per year.
2) Do not apply more than 0.22 lb ai/A/year of difenoconazole-containing products.
3) Do not apply more than 1.5 lb ai/A/year of azoxystrobin-containing products.
4) Do not feed soybean hay, forage and silage.
5) Do not apply within 14 days of harvest (14-day PHI).
### Application:
For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. Stone fruit diseases are most effectively controlled by ground applications. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications a minimum of 10 gal/A of water is recommended.

### Specific Use Restrictions:
1. Do not apply more than 56 fl oz/A of Quadris Top per year.
2. Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
3. Do not apply more than 1.5 lb ai/A/year of azoxystrobin-containing products.
4. Quadris Top may be applied on the day of harvest (0-day PHI).
<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomatoes</td>
<td>Anthracnose (Colletotrichum spp.)</td>
<td>8</td>
<td>Begin applications prior to disease development and continue throughout the season on a 7- to 10-day interval. Make no more than 2 consecutive applications before switching to another effective fungicide with a different mode of action.</td>
</tr>
<tr>
<td>Tomatillo</td>
<td>Black Mold (A. alternata)</td>
<td></td>
<td>If disease pressure is high, use the shortest interval.</td>
</tr>
<tr>
<td>Including all cultivars and/or hybrids of these</td>
<td>Early Blight (Alternaria solani)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>See complete list of tomato crops below.</td>
<td>Gray Leaf Spot (Stemphylium botryosum)</td>
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<tr>
<td></td>
<td>Leaf Mold (Fulvia fulva)</td>
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<td></td>
<td>Powdery Mildew (Leveillula taurica)</td>
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<td></td>
<td>Septoria Leaf Spot (S. lycopersici)</td>
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<tr>
<td></td>
<td>Target Spot (Corynespora cassicola)</td>
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</tbody>
</table>

**Remarks**

**Use of Adjuvants:** Under certain weather conditions (particularly high temperatures) Quadris Top in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. Do not exceed 0.125% adjuvant (v/v). Consult a Syngenta representative for more information concerning additives or adjuvants.

A tank mixture with Dimethoate may cause crop injury.

On fresh market tomatoes, do not use adjuvants or tank mix Quadris Top with any EC product.

**Application:** For best results, use sufficient water volume to provide thorough coverage. Quadris Top may be applied by ground, chemigation, or aerial application.

**Complete List of Tomato Crops:** Bush tomato; Cocona; Currant tomato; Garden huckleberry; Goji berry; Ground-cherry; Naranjilla; Sunberry; Tomatillo; Tomato; Tree tomato; cultivars, varieties, and/or hybrids of these.

**Specific Use Restrictions:**
1) Do not apply more than 47 fl oz/A of Quadris Top per year.
2) Do not apply until 21 days after transplanting or 35 days after seeding.
3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
4) Do not apply more than 0.6 lb ai/A/year of azoxystrobin-containing products.
5) May be applied the day of harvest (0-day PHI).
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<tr>
<th>Crop</th>
<th>Target Diseases</th>
<th>Use Rate fl oz product/A</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree Nuts</td>
<td>Foliar Diseases</td>
<td>12-14</td>
<td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14- to 21-day schedule making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. If disease pressure is high, use the shortest interval and highest rate.</td>
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<tr>
<td>Beechnut</td>
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<tr>
<td>Brazil Nut</td>
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<tr>
<td>Butternut</td>
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<tr>
<td>Cashew</td>
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<tr>
<td>Chestnut</td>
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<tr>
<td>Macadamia</td>
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<td>Walnut</td>
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<tr>
<td>See specific Directions for Almonds Filberts Pecans Pistachios</td>
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</tbody>
</table>

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended.

**Specific Use Restrictions:**
1) Do not apply more than 56 fl oz/A of Quadris Top per year.
2) Do not apply more than 0.46 lb ai/A per year of difenoconazole-containing products.
3) Do not apply more than 1.2 lb ai/A per year of azoxystrobin-containing products.
4) Do not apply within 45 days of harvest (45-day PHI).
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<tr>
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<th>Target Diseases</th>
<th>Use Rate (fl oz/A)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetables, Tuberous and Corm, Subgroup 1C</td>
<td>Ascochyta Leaf Spot (A. cynaroe)</td>
<td>8-14</td>
<td>Begin applications prior to disease development and continue throughout the season on a 7- to 14-day interval. Make no more than 2 consecutive applications before switching to another effective fungicide with a different mode of action. The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended. If disease pressure is high, use the shortest interval and highest rate.</td>
</tr>
<tr>
<td></td>
<td>Black Dot (Colletotrichum cocodes)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Brown Spot (Alternaria alternata)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Early Blight (Alternaria spp.)</td>
<td></td>
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<tr>
<td></td>
<td>Powdery Mildew (Erysiphe cichoracearum)</td>
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<td></td>
<td>Rust (Uromyces betae, Puccinia helianthi)</td>
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<td></td>
<td>Septoria Leaf Spot (Septoria spp.)</td>
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</tbody>
</table>

**Application:** For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by ground or aerial application. A minimum of 15 gal/A of water for ground applications is recommended. For aerial applications, a minimum of 10 gal/A of water is recommended.

**Complete List of Vegetables, Tuberous and Corm Subgroup 1C:** Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Canna (Edible), Cassava (bitter and sweet), Chayote (root), Chufa, Dasheen, Ginger, Leren, Sweet Potato, Tanier, Tumeric, Yam (bean and true).

**Specific Use Restrictions:**
1. Do not apply more than 55.3 fl oz/A of Quadris Top per year.
2. Do not apply more than 0.46 lb ai/ A/year of difenoconazole-containing products.
3. Do not apply more than 2.0 lb ai/A/year of azoxystrobin-containing products.
4. Do not apply within 14 days of harvest (14-day PHI).
Quadris Top Rate Conversion Table for Food Use

<table>
<thead>
<tr>
<th>Fl oz product/acre</th>
<th>Lb ai azoxystrobin</th>
<th>Lb ai difenoconazole</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5</td>
<td>0.09</td>
<td>0.06</td>
</tr>
<tr>
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<td>0.10</td>
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<td>14</td>
<td>0.18</td>
<td>0.11</td>
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<tr>
<td>15.4</td>
<td>0.20</td>
<td>0.13</td>
</tr>
</tbody>
</table>

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Store in original container only. Store in a cool, dry and well-ventilated place. Protect from excessive heat. Keep container closed when not in use. Do not store near food or feed.

**Pesticide Disposal**

Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance in proper disposal methods.

**Container Handling [less than or equal to 5 gallons]**

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinseate into application equipment or a mix tank or store rinseate 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 incineration, or by other procedures approved by state and local authorities.

**Container Handling [greater than 5 gallons – mini-bulk]**

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. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinseate into application equipment or a mix tank or store rinseate 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 approved by state and local authorities.
STORAGE AND DISPOSAL (continued)

Container Handling [greater than 5 gallons – bulk]

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

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.
Group 3  Fungicides

Quadris Top

Fungicide
Active Ingredients:
Azoxystrobin* ............................................ 18.2%
Difenoconazole** .......................................... 11.4%
Other Ingredients: ................................. 70.4%
Total .......................................................... 100.0%

*CAS No. 131860-33-8
**CAS No. 119446-68-1
Contains 1.67 lb of azoxystrobin active ingredient and
1.0 lb of difenoconazole active ingredient per gallon.

See additional precautionary statements and
directions for use inside booklet.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling
and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under
"Agricultural Use Requirements" in the Directions
for Use section for information about this standard.

EPA Reg. No. 100-1313
EPA Est. 100-NE-001
Quadris Top® and the Syngenta logo are trademarks of a Syngenta Group Company.
©2016 Syngenta
Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300
SCP 1313A-LSA 1215
4061779

KEEP OUT OF REACH OF CHILDREN.
CAUTION
See additional precautionary statements and
directions for use inside booklet.

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
or force any unconcious person, if an 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
eye. Call a poison control center or doctor for
treatment advice.

If on skin: Wash with soap and water. Cover
contaminated skin with petroleum jelly or
calcium alginate dressings. Call a poison
control center or doctor if irritation or
itching continues.

If on clothes: Remove clothing, if possible.
Shower exposed or contaminated parts.

CAUTION
Harmful if swallowed or absorbed through skin.
Causes moderate eye irritation. Avoid contact
with skin, eyes or clothing. Wear protective eye
wear. 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.

Environmental Hazards: Difenoconazole is toxic
when inhaled. Pesticides can persist in terrestrial
organisms in water adjacent to treated area.
Azoxystrobin is toxic to freshwater and marine
organisms in water adjacent to treated area.

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

Pesticide Storage: Store in original container only.
Store in a cool, dry and well ventilated place. Protect from excessive heat. Keep container closed when not in use. Do not store near food or feed.

Pesticide Disposal: Pesticide wastes may be toxic, improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instructions, contact your local waste disposal or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Handling (less than or equal to 5 gallons): Non-refillable containers. Do not reuse or refill this container. Triple rinse container (for 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 ¾ full with water and recap. Make for 15 seconds. Pour into application equipment or a mix tank or store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then of for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, unless by other procedures approved by state and local authorities.

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

2.5 gallons
Net Contents

STORAGE AND DISPOSAL

Ground Water Advisory: Azoxystrobin and a deg-
radatae 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 perme-
able, particularly where the water table is shallow.
Surface Water Advisory: This product may impact
surface water quality due to residual runoff.
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 degrade
de of Azoxystrobin from runoff water and sediment.
Runoff of this product will be retarded by avoiding
applications when rainfall or irrigation is expected
to occur within 48 hours.

Facility State and/or Federal authorities and Syngenta
immediately if you observe any adverse environ-
mental effects due to use of this product.

STATEMENTS

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

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