
SUPPLEMENTAL LABELING

Syngenta Crop Protection, Inc.

P. O. Box 18300

Greensboro, North Carolina 27419-8300

SCP 1313-S1 0410

Quadris Top™

Fungicide

Active Ingredients:

Azoxystrobin*	18.2%
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Difenoconazole**	11.4%
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Other Ingredients:	70.4%
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Total:	100.0%
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*CAS No. 215934-32-0

**CAS No. 119446-68-3

Contains 1.67 lbs. of azoxystrobin active ingredient and 1.05 lbs of difenoconazole active ingredient per gallon

EPA Reg. No. 100-1313

KEEP OUT OF REACH OF CHILDREN.

CAUTION

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. Before using Quadris Top Fungicide as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the EPA registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

SPECIFIC DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. All applicable directions, restrictions and precautions on all EPA-registered products are to be followed. This label and the Federally registered label must be in the possession of the user at the time of pesticide application.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Almonds	Blossom Blight (<i>Monilinia</i> spp.)	8 -10	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.
	Alternaria leafspot (<i>A. alternata</i>) Anthracnose (<i>Colletotrichum acutatum</i>) Scab (<i>Venturia carpophila</i>) Shot hole (<i>Wilsonomyces carpophilus</i>) Leaf Blight (<i>Seimatosporium lichenicola</i>) Leaf rust (<i>Tranzschelia discolor</i>)	10 - 14	For all other diseases, begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14-21 day schedule making no more than 2 sequential before alternating to another fungicide with a non-QoI (Group 11) mode of action. If monitoring or history indicates the presence of Alternaria, apply 14 ozs./A of Quadris Top in the late spring (mid April to beginning of May) and then repeat the treatment 2-3 weeks later. If disease pressure is high, use the shortest interval and highest rate.
	Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a minimum of 10 gals./A of water is recommended.		

Specific Use Restrictions:

- Do not use with an adjuvant.
- Do not apply more than 56 (was changed from 28 fl.) fl. ozs./A of Quadris Top per crop.
- Do not apply more than 0.46 lb. ai/A per crop of difenoconazole containing products.
- Do not apply more than 1.5 lbs. ai/A per crop of azoxystrobin containing products.
- Do not apply within 28 days of harvest (28 day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Brassica (Cole) leafy Vegetables subgroup Broccoli Brussels sprouts Cabbage Cauliflower Collards Kale Mustard greens See additional crops below. Including all cultivars and/or hybrids of these.	Alternaria diseases (<i>Alternaria</i> spp.) Anthracnose (<i>Colletotrichum higginsianum</i>) Cercospora leafspot (<i>C. brassicicola</i>) Powdery mildew (<i>Erysiphe polygoni</i>) White rust (<i>Albugo candida</i>) Downy mildew (<i>Peronospora parasitica</i>)	12 - 14	Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7-14 day schedule making no more than 1 application 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.
Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground, chemigation, or aerial application. A minimum of 15 gals./A 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 broccolo; collards; kale; kohlrabi; mizuna; mustard greens; mustard spinach; rape greens			
Specific Use Restrictions: <ul style="list-style-type: none"> Do not apply more than 56 fl. ozs./A of Quadris Top per season. Do not apply more than 0.46 lb. ai/A per season of difenoconazole containing products. Do not apply more than 0.75 lb. ai/A per season of azoxystrobin containing products. Do not apply within 1 day of harvest (1 day PHI). 			

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Bulb Vegetables	Cercospora leafspot (<i>C. duddiae</i>)	12 - 14	Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7-14 day schedule making no more than 1 application before alternating to another fungicide with a non-QoI (Group 11) mode of action. For downy mildew and Botrytis leaf blight, use 12-14 oz of Quadris Top. If disease pressure is high, use the shortest interval and highest rate.
Onion, bulb	Leaf blotch		
Garlic	(<i>Cladosporium allii-cepae</i>)		
Shallot	Powdery Mildew		
Onion, green	(<i>Leveillula taurica</i>)		
Leek	Purple blotch		
Welch onion	(<i>Alternaria porri</i>)		
	Stemphyllium leaf blight		
	(<i>S. vesicarium</i>)		
	Downy mildew		
	(<i>Peronospora destructor</i>)		
	Botrytis leaf blight		
	(<i>B. squamosa</i>)		
Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground, chemigation, or aerial application. A minimum of 15 gals./A 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 bulb vegetables: Chive, fresh leaves; chive, Chinese, fresh leaves; daylily, bulb; elegans hosta; fritillaria, bulb; fritillaria, leaves; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; kurrat; lady's leek; leek; leek, wild; lily, bulb; onion, Beltsville bunching; onion, bulb; onion, Chinese, bulb; onion, fresh; onion, green; onion, macrostem; onion, pearl; onion, potato, bulb; onion, tree, tops; onion, Welsh, tops; shallot, bulb; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these.			
Specific Use Restrictions:			
<ul style="list-style-type: none">• For green onions, do not apply more than 42 fl. ozs./A of Quadris Top per season.• For green onions, do not apply more than 0.34 lb ai /A per season of difenoconazole containing products.• For dry bulb onions, do not apply more than 56 fl. ozs./A per season of Quadris Top per crop.• For dry bulb onions, do not apply more than 0.46 lb. ai/A per season of difenoconazole containing products.• For the Bulb crop group, do not apply more than 1.5 lbs. ai/A per season of azoxystrobin containing products.• Do not apply within 7 days of harvest (7 day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Citrus Grapefruit Lemon Lime Orange (sour and sweet) Tangerine Including all cultivars and/or hybrids of these	Greasy spot (<i>Mycosphaerella citri</i>)	10 - 15.4	<p>Quadris Top applications should begin prior to disease development and continue throughout the season on 7-21 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.</p> <p>If disease pressure is high, use the shortest interval and highest rate.</p> <p>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.</p>
	Greasy spot rind blotch (<i>Mycosphaerella citri</i>) Melanose (<i>Diaporthe citri</i>) Scab (<i>Elsinoe fawcettii</i>) Post bloom fruit drop (PFD) (<i>Colletotrichum acutatum</i>) Alternaria leaf and fruit spot (<i>Alternaria citri</i>) Phomopsis stem-end rot (<i>Phomopsis citrii</i>) Anthracnose (<i>Colletotrichum</i> spp.) Black spot (<i>Guignardia citricarpa</i>)	15.4	<p>Quadris Top applications should begin prior to disease development and continue throughout the season on 7-21 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.</p> <p>If disease pressure is high, use the shortest interval.</p> <p>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.</p>
	Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a minimum of 10 gals./A of water is recommended.		

Complete list of citrus fruits: Calamondin; citrus citron; citrus hybrids (includes chironja, tangelo, tangor); grapefruit; kumquat; lemon; lime; mandarin (tangerine); orange, sour; orange, sweet; pummelo; Satsuma mandarin

Specific Use Restrictions:

- Do not use Quadris Top in citrus plant propagation nurseries.
- Do not apply more than 61.5 fl. ozs./A of Quadris Top per season.
- Do not apply more than 0.5 lb. ai/A per crop of difenoconazole containing products.
- Do not apply more than 1.5 lbs. ai/A per crop of azoxystrobin containing products.
- May be applied the day of harvest (0 day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Cucurbit Vegetables Cantaloupe Cucumber Honeydew Muskmelon Watermelon Pumpkin Squash Zucchini Including cultivars and/or hybrids of these. See additional cucurbit crops below.	Powdery mildew (<i>Sphaerotheca fuliginea</i> , <i>Erysiphe cichoracearum</i>) Alternaria leaf blight (<i>A. cucumerina</i>) Alternaria leaf spot (<i>A. alternata</i>) Anthracnose (<i>Colletotrichum orbiculare</i>) Cercospora leafspot (<i>C. citrullina</i>) Gummy stem blight (<i>Didymella bryoniae</i>) Septoria leaf blight (<i>S. cucurbitacearum</i>) Plectosporium blight (<i>P. tabacinum</i>) Phoma blight (<i>P. exigua</i>) Phyllosticta leafspot (<i>P. cucurbitacearum</i>) Belly rot (<i>Rhizoctonia solani</i>) Downy mildew (<i>Psuedoperonospora cubensis</i>) Myrothecium canker (<i>M. roridum</i>)	10 - 14	Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 7-14 day schedule making no more than 1 application of a Qol containing fungicide before alternating to another fungicide with a different mode of action. If disease pressure is high, use the shortest interval and highest rate. For belly rot control, the first application should be made at the 1-3 leaf crop stage with a second application just prior to vine tip or 10-14 days later, whichever occurs first.
Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground, chemigation, or aerial application. A minimum of 15 gals./A 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: <ul style="list-style-type: none"> Do not apply more than 56 fl. ozs./A of Quadris Top per season. Do not apply more than 0.46 lb. ai/A per season of difenoconazole containing products. Do not apply more than 1.5 lbs. ai/A per season of azoxystrobin containing products. Do not apply within 1 day of harvest (1 day PHI). 			

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Filberts (Hazelnuts)	Eastern Filbert Blight (<i>Anisogramma anomala</i>)	12 - 14	Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14-21 day schedule making no more than 2 sequential applications before alternating to another fungicide with a non-Qol (Group 11) different mode of action.
	<p>If disease pressure is high, use the shortest interval and highest rate.</p> <p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a minimum of 10 gals./A of water is recommended.</p>		

Specific Use Restrictions:

- Do not use with an adjuvant.
- Do not apply more than 56 fl. ozs./A of Quadris Top per crop.
- Do not apply more than 0.46 lb ai/A per crop of difenoconazole containing products.
- Do not apply more than 1.2 lbs. ai/A per crop of azoxystrobin containing products.
- Do not apply within 45 days of harvest (45 day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Grapes	Powdery mildew (<i>Uncinula necator</i>) Rotbrenner (<i>Pseudopezicula tracheiphila</i>) Black Rot (<i>Guignarda bidwellii</i>) Anthracnose (<i>Elsinoe ampelina</i>) Leaf Blight (<i>Pseudocercospora vitis</i>) Downy mildew (<i>Plasmopara viticola</i>) Suppression only: Botrytis bunch rot (<i>B. cinerea</i>)	10 - 14	For powdery mildew, begin at bud break and apply on a 10-21 day interval, making no more than 2 sequential applications before alternating to another fungicide with a non-QoI (Group 11) mode of action. For 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 10-14 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. ATTENTION Quadris Top is extremely phytotoxic to certain apple varieties. Refer to caution in General Use section of label.
	Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a minimum of 10 gals./A of water is recommended.		

Specific Use Restrictions:

- Do not apply more than 56 fl. ozs./A of Quadris Top per season.
- Do not apply more than 0.46 lb. ai/A per crop of difenoconazole containing products.
- Do not apply more than 1.5 lbs. ai/A per crop of azoxystrobin containing products.
- Do not apply within 14 days of harvest (14 day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Pecans	Pecan Scab <i>(Cladosporium caryigenum)</i> Downy Spot <i>(Mycosphaerella caryigena)</i> Liver Spot <i>(Gnomonia caryae pv pecanae)</i> Vein Spot <i>(Gnomonia nerviseda)</i> Zonate Leaf Spot <i>(Grovesinia pyramidalis)</i> Powdery Mildew <i>(Microsphaera penicillata)</i>	10 - 14	Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14-21 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.
Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a minimum of 10 gals./A of water is recommended.			
Specific Use Restrictions: <ul style="list-style-type: none"> • Do not use with an adjuvant. • Do not apply more than 56 fl. ozs./A of Quadris Top per crop. • Do not apply more than 0.46 lb. ai/A per crop of difenoconazole containing products. • Do not apply more than 1.2 lbs. ai/A per crop of azoxystrobin containing products. • Do not apply within 45 days of harvest (45 day PHI). 			

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Pistachios	Panicle and Shoot Blight (<i>Botryosphaeria dothidea</i>) Alternaria late blight (<i>Alternaria</i> spp.) Septoria leaf spot (<i>S. pistaciarum</i>)	10 - 14	Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14-21 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.
Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a minimum of 10 gals./A of water is recommended.			

Specific Use Restrictions:

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- Do not apply more than 1.5 lbs. ai/A per crop of azoxystrobin containing products.
- Do not apply within 14 days of harvest (14 day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Tree Nuts Beechnut Brazil Nut Butternut Cashew Chestnut Chinquapin Hickory Macadamia Walnut, Black Walnut, English See specific Directions for Almonds Filberts Pecans Pistachios	Foliar Diseases	10 - 14	Begin applications prior to disease onset when conditions are conducive for disease. Apply Quadris Top on a 14-21 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.
Application: For best results, sufficient water volume must be used to provide thorough coverage. Quadris Top can be applied by either ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a minimum of 10 gals./A of water is recommended.			

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- Do not apply more than 1.2 lbs. ai/A per crop of azoxystrobin containing products.
- Do not apply within 45 days of harvest (45 day PHI).

Quadris Top™ is trademark of a Syngenta Group Company

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Manufactured for:
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