



**TECHNICAL INFORMATION BULLETIN  
FOR THE USE OF REGALIA®  
BY CHEMIGATION ON ALFALFA, BULB VEGETABLES, CEREAL GRAINS, COLE  
CROPS, LEAFY VEGETABLE CROPS, AND ROOT, TUBER AND CORM CROPS**

**FIFRA Section 2(ee) Recommendation**

This recommendation is made as permitted by Section 2(ee) of FIFRA, as amended, and has not been submitted to or approved by the U. S. Environmental Protection Agency.

FOR USE IN ALL STATES WHERE CROP AND PEST(S) EXIST AND WHERE 2(EE) RECOMMENDATIONS ARE RECOGNIZED.

**REGALIA®**

**EPA Reg. No. 84059-3**

**DIRECTIONS FOR USE**

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

CROPS	DISEASES	RATES	USE RECOMMENDATIONS
<b>Non-Grass Animal Feed</b> Alfalfa	Anthracnose and Black Stem Rot ( <i>Colletotrichum trifolii</i> )  Downy Mildew ( <i>Peronospora trifoliorum</i> )  Powdery Mildew ( <i>Erysiphe polygoni</i> )  Sclerotinia stem and crown rot ( <i>Sclerotinia sclerotiorum</i> )	1-2 quarts/acre	For chemigation applications for improved plant growth and control of foliar diseases, apply this product through sprinkler irrigation at the rate of 1-4 quarts/acre when conditions are conducive for the development of disease. Inject product into the irrigation water at the end of the irrigation event. Avoid excessive amounts of water that result in product being washed off of plant foliage. Additional applications should be made on a 7-10 day interval as needed to maintain disease control.
<b>Bulb Vegetables</b> Onion (Bulb and Green) Leek Shallot	Botrytis Leaf Blight ( <i>Botrytis squamosa</i> )  Botrytis Neck Rot ( <i>Botrytis</i> spp.)  Downy Mildew ( <i>Peronospora destructor</i> )  Onion Purple Blotch ( <i>Alternaria porri</i> )  Powdery Mildew ( <i>Erysiphe</i> spp.)	1-4 quarts/acre	For chemigation applications for improved plant growth and control of foliar diseases, apply this product through sprinkler irrigation at the rate of 1-4 quarts/acre when conditions are conducive for the development of disease. Inject product into the irrigation water at the end of the irrigation event. Avoid excessive amounts of water that result in product being washed off of plant foliage. Additional applications should be made on a 7-10 interval as needed to maintain disease control.

<b>Cereal Grains</b> Barley Rice Rye	Powdery Mildew ( <i>Erysiphe graminis</i> )  Rice Blast ( <i>Pyricularia grisea</i> )  Rust ( <i>Puccinia</i> spp.)  Septoria Leaf/ Speckled Leaf Spot/Blotch ( <i>Septoria</i> spp.)  Sheath Spot and Blight ( <i>Rhizoctonia oryzae</i> ) ( <i>Thanatephorus cucumeris</i> )  Stem Rot ( <i>Sclerotium oryzae</i> )  Smut ( <i>Tilletia barclayana</i> )  Tan Spot ( <i>Tilletia barclayana</i> )	1-2 quarts/acre	For chemigation applications for improved plant growth and control of foliar diseases, apply this product through sprinkler irrigation at the rate of 1-4 quarts/acre when conditions are conducive for the development of disease. Inject product into the irrigation water at the end of the irrigation event. Avoid excessive amounts of water that result in product being washed off of plant foliage. Additional applications should be made on a 7-10 day interval as needed to maintain disease control.
<b>Cole crops including</b> Broccoli Broccoli Rabe Brussels Sprouts Cabbage Chinese Broccoli Chinese Cabbage (Bok Choy) Chinese Cabbage (Napa) Chinese Mustard Cabbage (Gai Choy) Cauliflower Collards Kale Mustard Greens Mustard Spinach Rape Greens Turnip	Powdery Mildew ( <i>Erysiphe cruciferarum</i> ) ( <i>Erysiphe polygoni</i> )  Alternaria Leaf Spot ( <i>Alternaria</i> spp.)  Downy Mildew ( <i>Peronospora parasitica</i> )  Pin Rot Complex ( <i>Alternaria/Xanthomonas</i> )  Xanthomonas Leaf Spot ( <i>Xanthomonas campestris</i> )	1-4 quarts/acre	For chemigation applications for improved plant growth and control of foliar diseases, apply this product through sprinkler irrigation at the rate of 1-4 quarts/acre when conditions are conducive for the development of disease. Inject product into the irrigation water at the end of the irrigation event. Avoid excessive amounts of water that result in product being washed off of plant foliage. Additional applications should be made on a 7-10 interval as needed to maintain disease control.

<b>Leafy Vegetable Crops</b> Arugula Beet Celery Cress Endive Head Lettuce Leaf Lettuce Radicchio Rhubarb Spinach Swiss Chard Watercress	Downy Mildew ( <i>Bremia lactuca</i> ) ( <i>Peronospora</i> spp.)  Bacterial Blight/Rot ( <i>Xanthomonas</i> spp.)  Early Blight of celery ( <i>Cercospora</i> spp.)  Late Blight ( <i>Septoria apiicola</i> )  Powdery Mildew ( <i>Erysiphe cichoracearum</i> )  Sclerotinia Head and Leaf Drop ( <i>Sclerotinia minor</i> ) ( <i>Sclerotinia sclerotiorum</i> )	0.5-4 quarts/acre	For chemigation applications for improved plant growth and control of foliar diseases, apply this product through sprinkler irrigation at the rate of 1-4 quarts/acre when conditions are conducive for the development of disease. Inject product into the irrigation water at the end of the irrigation event. Avoid excessive amounts of water that result in product being washed off of plant foliage. Additional applications should be made on a 7-10 day interval as needed to maintain disease control.
<b>Root, Tuber &amp; Corm Crops</b>  Potato Beet Carrot Ginger Horseradish Radish Sweet Potato Turnip  (including those for seed)	Early blight ( <i>Alternaria solani</i> )  Bacterial Leaf Blight ( <i>Xanthomonas campestris</i> )	1-4 quarts/acre	For chemigation applications for improved plant growth and control of foliar diseases, apply this product through sprinkler irrigation at the rate of 1-4 quarts/acre when conditions are conducive for the development of disease. Inject product into the irrigation water at the end of the irrigation event. Avoid excessive amounts of water that result in product being washed off of plant foliage. Additional applications should be made on a 7-10 day interval as needed to maintain disease control.

**All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.**

This FIFRA Section 2(ee) recommendation contains new or additional directions for use of this product, which may not appear on the package label. Read and carefully observe the cautionary statements plus all the other information appearing on the product label.

**This recommendation must be in the possession of the user at the time of pesticide application.**

Regalia<sup>®</sup> is a registered trademark of Marrone Bio Innovations, Inc.  
 © Copyright Marrone Bio Innovations, Inc., 2009

Marrone Bio Innovations, Inc.  
 1540 Drew Ave.  
 Davis, California 95618  
 Telephone (530) 750-2800  
[www.marronebioinnovations.com](http://www.marronebioinnovations.com)