

A CORNERSTONE FUNGICIDE FOR DRY BULB ONION DISEASE MANAGEMENT

REDISCOVERING A SUPERIOR FUNGICIDE FOR BOTRYTIS, ALTERNARIA AND STEMPHYLLIUM IN ONION

With 37 years of commercial use, Rovral[®] Brand 4 Flowable fungicide remains a cornerstone fungicide for management of troublesome pathogens such as *Botrytis*, *Alternaria*, *Sclerotinia* et al. in a broad range of key crops. Rovral Brand 4 Flowable fungicide's complex and multifaceted action against pathogens contributes to its continued viability as a standalone product and its vitality for resistance management in tank mixture with newer, site specific fungicides that are prone to resistance development after short periods of commercial use.

Technical Information	
Active Ingredient	Iprodione
FRAC Code & Group	FRAC group 2 Dicarboximides
Formulation	4 lb ai/gal Flowable
Signal Word	Caution
REI	24 Hours
PHI	7 days
Resistance Management	Do not extend the total number of applications per crop on the label or tank mix with other dicarboximide fungicides
Manage the pH in Your Mix Tank	Rovral [®] Brand 4 Flowable fungicide can degrade rapidly at high pH levels. It is important to buffer the chemigation solution down to a minimum pH 5.0 – 7.0
Application Recommendations	<ul style="list-style-type: none"> Ground: Use 2 FF (flat fan) nozzles on opposite sides of row directed to optimize coverage of the stem, plant base and adjacent soil surface. Sprinkler Irrigation Injection: Uniformly inject Rovral Brand 4 Flowable fungicide while delivering 0.1 - 0.4 inches of water per acre. Avoid irrigation for 24 hours after application to avoid chemical wash off.
Packaging	2.5 Gallons

✓ Labeled Diseases

- Botrytis leaf blight – *Botrytis squamosa*
- Purple blotch – *Alternaria porri*
- Botrytis neck rot - *Botrytis allii*
- Stemphyllium blight – *Stemphyllium vesicarium*

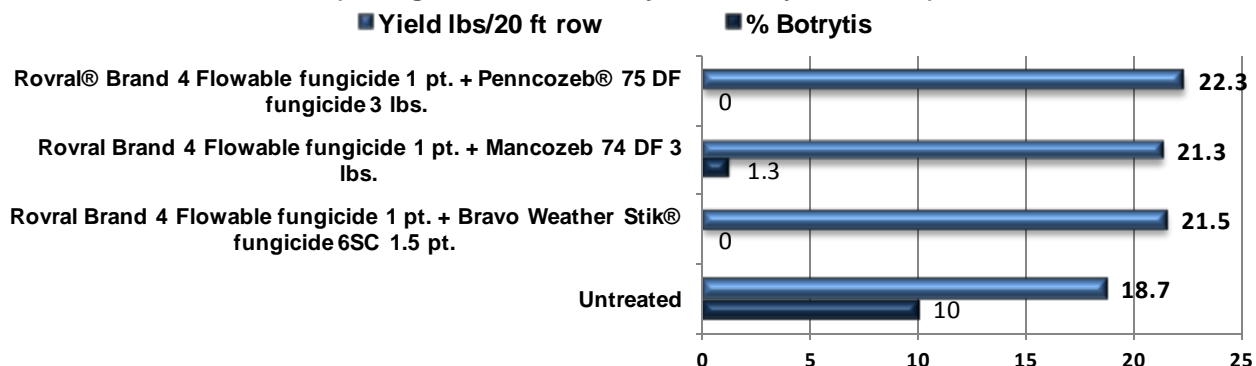


Purple Blotch

Use Guidelines

Use	Rate	Max Appl. lb./Season	Application Interval
Standalone	1.5 pt./A	5	14 days
Tank Mixtures	1.0 pt./A	10	7 – 10 days

Selected treatments from Onion Fungicide Trial – 2012 (Michigan State University – Dr. Mary Hausbeck)

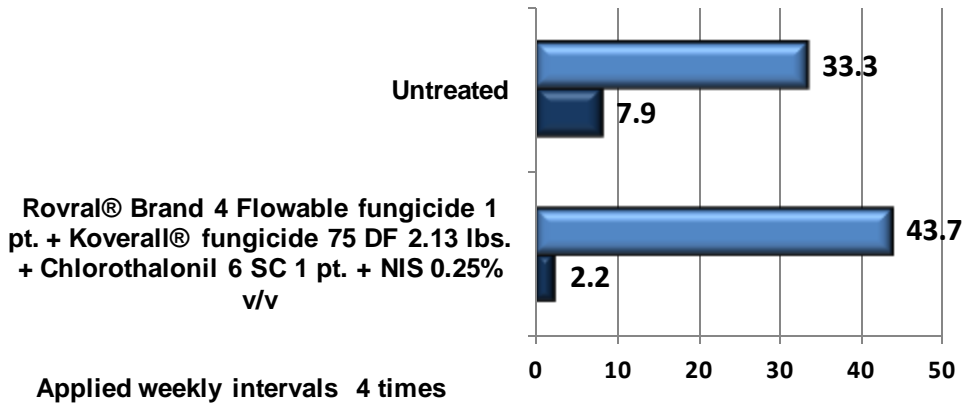


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**Botrytis Leaf Blight Influence on Onion Yield
(Cornell Coop Ext. Orange County, NY)**

■ Yield lbs./Plot ■ # Lesions/plant

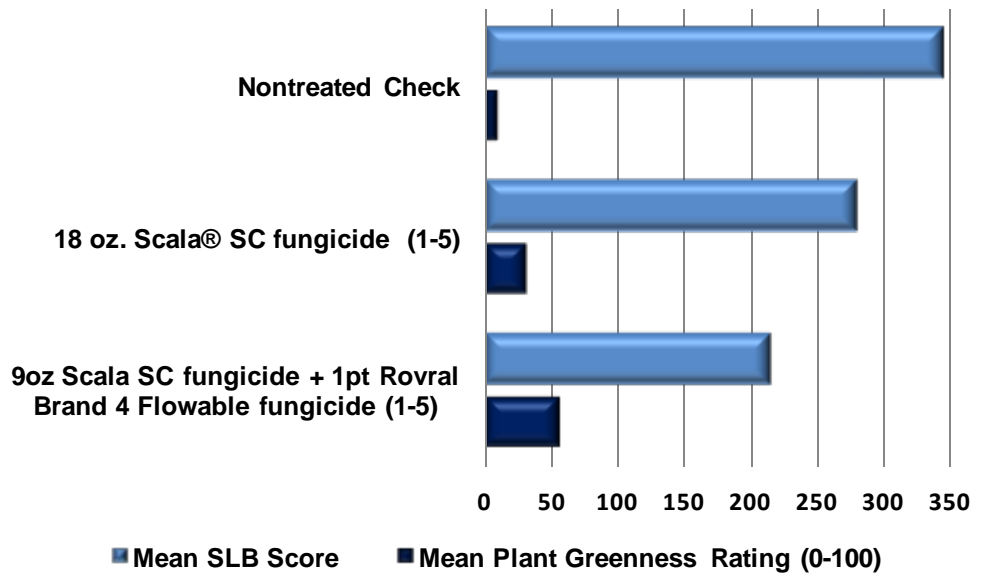


Botrytis Leaf Blight

**Foliar Onion Disease Control and Plant Health Effects
Stemphyllium Leaf Blight (SLB)
2015; Elba, NY**



Stemphyllium Blight



Spray timing in parentheses.

Hoepting, C. A. 2015. Improved efficacy of the fungicide Scala SC fungicide for control of Stemphyllium leaf blight on onion, 2015. Plant Dis. Manag. Rep. 10:V117.

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