

Merivon®

Xemium® Brand Fungicide

Advanced Chemistry for Onions

Benefits of Merivon® Fungicide

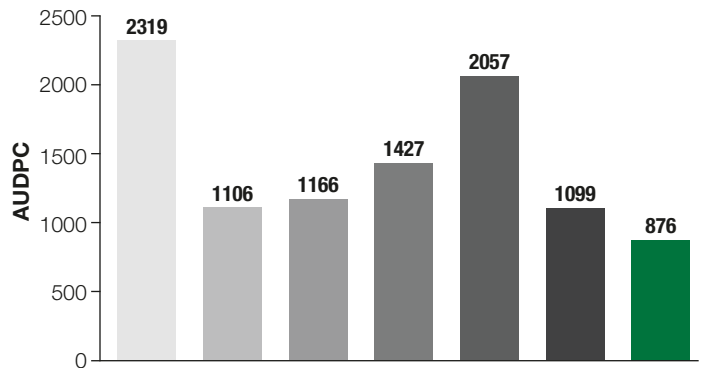
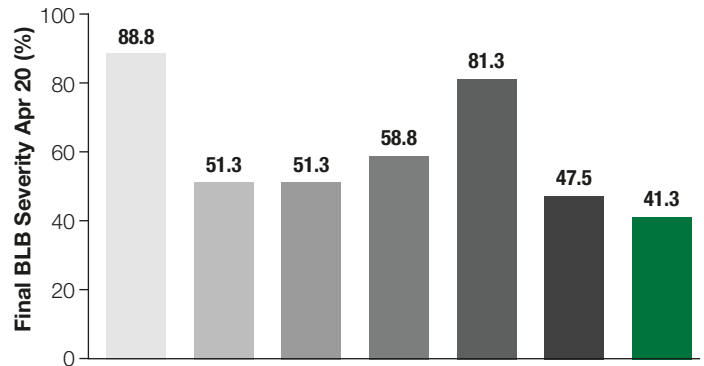
- Longer-lasting disease protection
- More consistent performance for maximum crop potential
- Advanced Plant Health benefits



Merivon fungicide provides more consistent performance for maximum disease control and crop potential.



Merivon Fungicide: Botrytis Leaf Blight Control in Onion



- Untreated
- Miravis® Prime Fungicide 11.4 oz
- Luna® Tranquility Fungicide 16 oz
- Rovral® Fungicide 24 oz
- Scala® Fungicide 18 oz
- Omega® 500 Fungicide 16 oz
- Merivon Fungicide 11 oz

2021 B. Dutta, UGA Tifton, GA. Onion var. 'Vidora'. Applications Mar 3, 11, 16 and 24, 2021. Disease severity was rated on a 0 to 100 scale (0 = no infection and 100 = 100% of leaf area infection) on Mar 22, Apr 4 and 20, 2021. AUDPC was calculated from ratings taken on Mar 22, Apr 4 and 22, 2021. BASF sponsored trial.

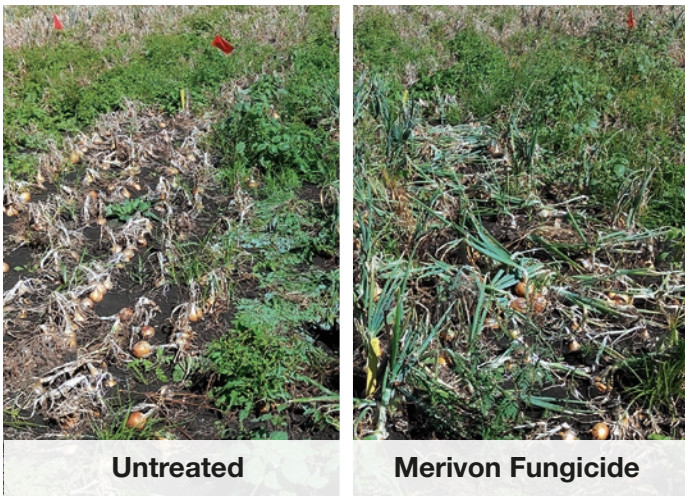


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Technical Information Bulletin

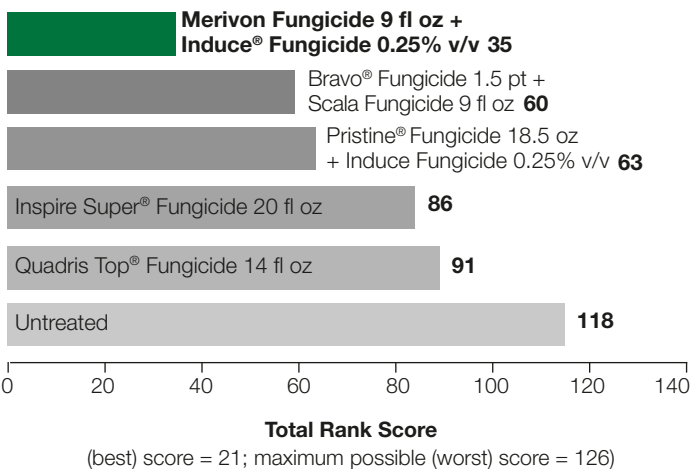
Onion Disease Control with Merivon® Fungicide



2013 Christie Hoepting – Cornell University. Vegetable program – Extension specialist.

Total Rank Score for Overall Fungicide Performance

*Includes Control of BLB, PB & SLB, Plant Health and Yield***



2013 Christie Hoepting – Cornell University Vegetable Extension Pathologist. All treatments sprayed weekly: Jul-2, 9, 18, 26 & 31; Aug-9, 16, 22 & 28; and Sep-6. ****BLB: Botrytis leaf blight** (9 data points – No. lesions/leaf, size rating, density rating on Jul-18, Aug-1 & 14); **PB: Purple blotch** (5 data points – No. PB/plant, Aug-1 & Aug-14, % PB/10 plants, Aug-1 & Aug-14, No. PB/leaf, Aug-14); **SLB: Stemphylium leaf blight** (2 data points – No. target spot lesions/leaf, % dieback/plant, Aug-28); **Plant Health:** (4 data points – % leaf defoliation/plot, No. green leaves/plant, % dieback/plant, Aug-28, % dying standing up, Aug-17); **Total marketable yield** (Sep-19).

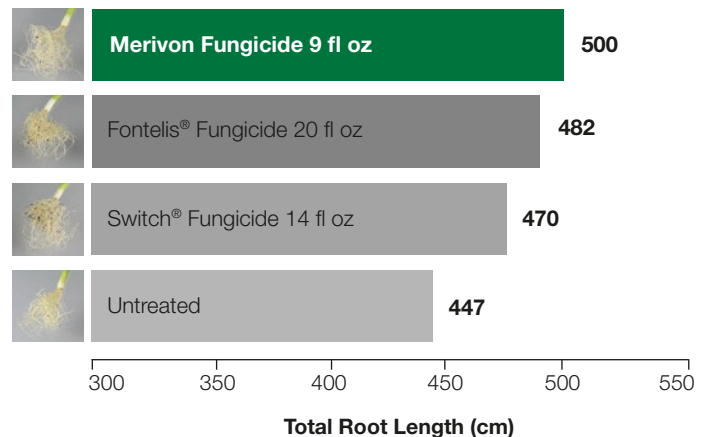
Best Use Recommendations

- Use Rate: 6.5 oz/A –11 oz/A
- Optimum Recommended Use Rate: 9.0 oz/A
- Use Merivon fungicide in a spray program alternating with effective fungicides with different modes of action
- Merivon fungicide may be mixed with other products, such as insecticides
- Adjuvant flexible

Target Diseases

- Purple blotch and leaf blight
- Botrytis neck rot
- Stemphylium leaf blight and stalk rot
- Suppression of downy mildew
- Botrytis leaf blight

Merivon Fungicide Improves Plant Health and Root Development



2013 BASF Greenhouse Study. Direct seeded onions sprayed one month after seedling emergence. Six onion varieties, Three bulb type: Babosa, Bella Bianca, Sweet White Spanish. Three leafy type: Evergreen Long White, Parade, Tokyo Long White. Plant measurements made ~ 21 DAT depending on variety using WinRHIZO™ scanning machine.

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