



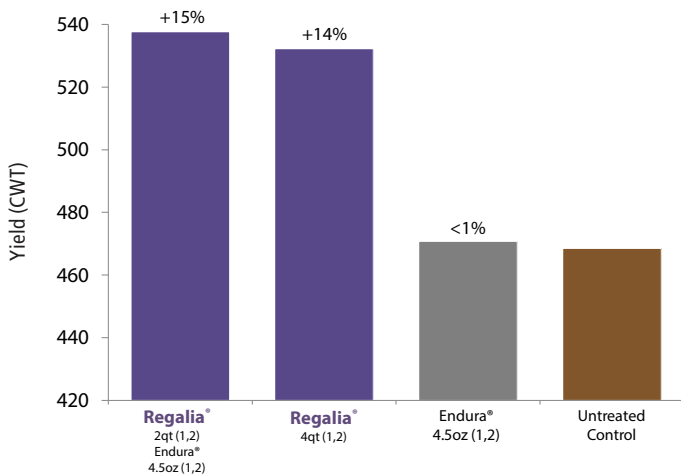
Effective Control for Foliar and Soil Diseases

BROAD-SPECTRUM DISEASE CONTROL

Regalia® is proven to control a broad spectrum of pathogens including foliar diseases like Early Blight and Late Blight, and also soil diseases like *Rhizoctonia*. With Regalia in the program, growers get improved control over a broad spectrum of foliar and soil diseases.

Early Blight and White Mold on Potato

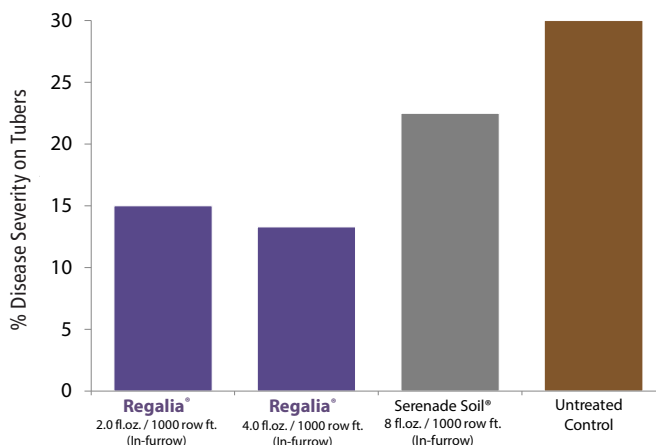
M. Hubbard, Kootenai Valley Farm & Research, Bonners Ferry, ID



Treatments applied on 1= Jul 27, 2= Aug 10. Yield evaluated on Oct 11. (2011)
Treatments applied at 40 GPA.

Rhizoctonia on Potato

M. Hubbard, Kootenai Valley Farm & Research, Bonners Ferry, ID



Treatments applied as in-furrow spray on Jun 4. Disease evaluated on Oct 13. (2011)

SOIL TREATMENT AND FOLIAR SPRAY

Use Regalia as a soil treatment and a foliar spray to control a broad spectrum of pathogens on potatoes. Apply Regalia as an in-furrow spray to control soil diseases like *Rhizoctonia*, and to improve yield. After planting, incorporate Regalia into your IPM program for improved disease control of Early Blight, Late Blight, White Mold and other foliar diseases (see inside for more information).

FEATURES

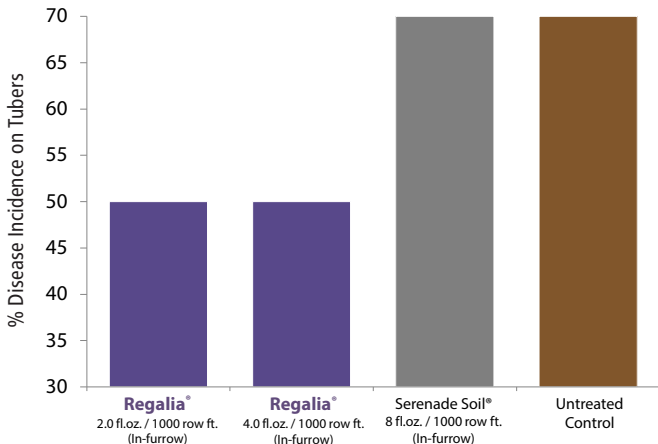
- Broad-spectrum fungal and bacterial disease control
- Complex mode of action
- Rainfast in 1 hour
- 4-hour REI / 0-day PHI
- MRL Tolerance exempt
- NOP compliant and OMRI approved
- For ground and aerial applications
- Approved for foliar and soil applications

USE REGALIA IN FURROW TO CONTROL SOIL DISEASES

Field trials performed in Idaho show that applying Regalia as an in-furrow application is more effective than Serenade Soil® at controlling *Rhizoctonia* on potato tubers. In the trials, Regalia increased potato yield by 20–24%.

Rhizoctonia on Potato

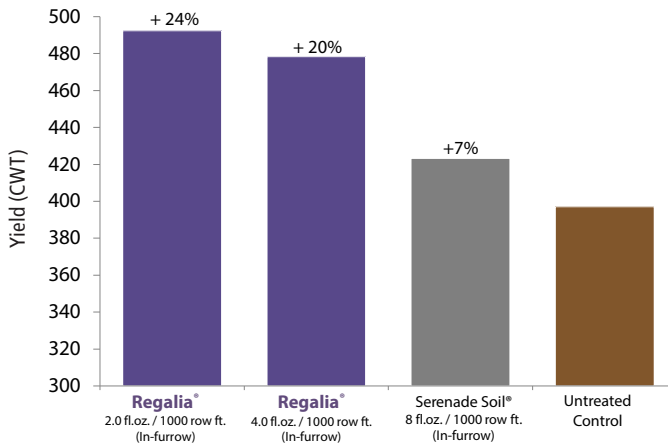
M. Hubbard, Kootenai Valley Farm & Research, Bonners Ferry, ID



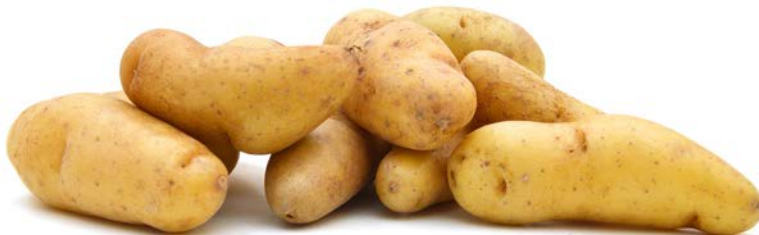
Treatments applied as in-furrow spray on Jun 4. Disease evaluated on Oct 13. (2011)
Regalia at 2.0 fl.oz./1000 row ft. is below label rate; for research purposes only.

Rhizoctonia on Potato

M. Hubbard, Kootenai Valley Farm & Research, Bonners Ferry, ID



Treatments applied as in-furrow spray on Jun 4. Yield evaluated on Oct 13. (2011)
Regalia at 2.0 fl.oz./1000 row ft. is below label rate; for research purposes only.

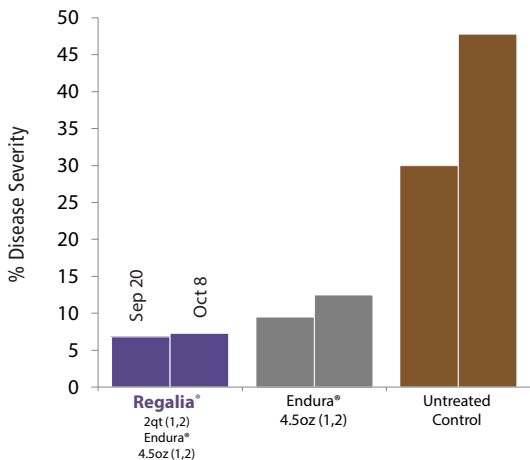


REGALIA CONTROLS FOLIAR DISEASES

Regalia is proven to improve control of White Mold, Early Blight, and Late Blight on potatoes. Field trials prove that tank mixing Regalia with Endura®, is more effective than using Endura alone on White Mold and Early Blight. In the trials, the Regalia/Endura tank mix program also resulted in 15% more potatoes than the Endura stand alone treatment (see front page).

Early Blight on Potato

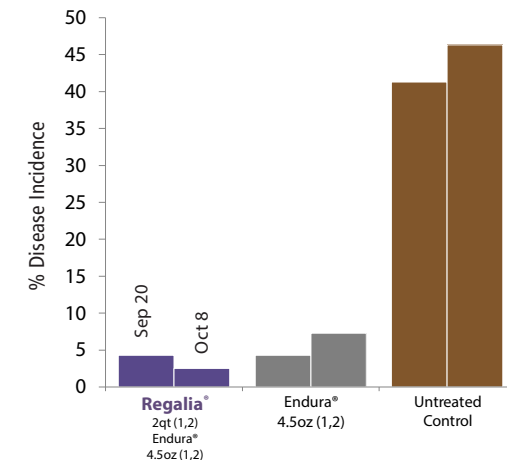
M. Hubbard, Kootenai Valley Farm & Research, Bonners Ferry, ID



Treatments applied on 1= Jul 27, 2= Aug 10. Disease evaluated on Sep 20 (first observation) and Oct 8 (last observation). Treatments applied at 40 GPA. (2011)
Early Blight: *Alternaria* sp.

White Mold on Potato

M. Hubbard, Kootenai Valley Farm & Research, Bonners Ferry, ID



Treatments applied on 1= Jul 27, 2= Aug 10. Disease evaluated on Sep 20 (first observation) and Oct 8 (last observation). Treatments applied at 40 GPA. (2011)
White Mold: *Sclerotinia sclerotiorum*

REGALIA BOOSTS PERFORMANCE OF FUNGICIDE PROGRAMS

Trials prove that Regalia plus low rates of Quadris®, or low rates of Tanos®, are effective at controlling Late Blight. The Regalia/Quadris and Regalia/Tanos tank mix programs also yielded more potatoes and larger potatoes.



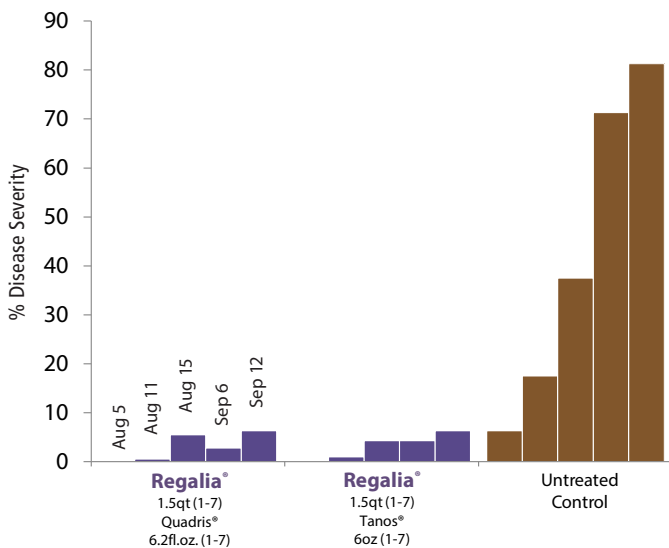
Untreated Control



Regalia® + Quadris®

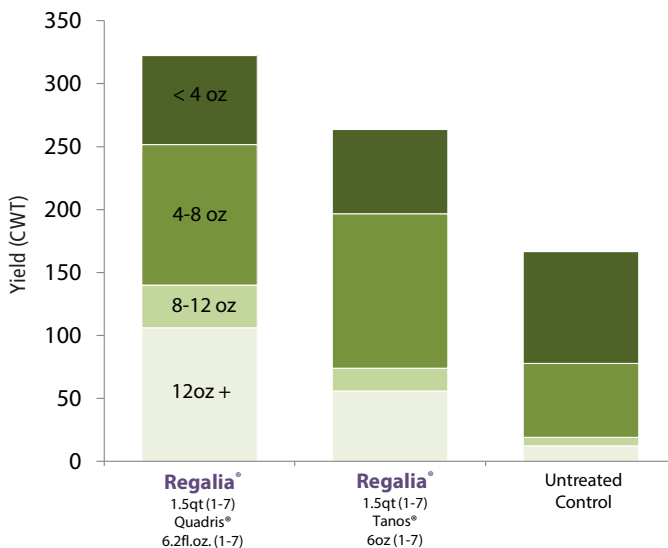
Late Blight on Potato

M. Hubbard, Kootenai Valley Farm & Research, Bonners Ferry, ID



Late Blight on Potato

M. Hubbard, Kootenai Valley Farm & Research, Bonners Ferry, ID



Treatments applied on 1= Jul 21, 2=Jul 30, 3= Aug 6, 4= Aug 13, 5= Aug 21, 6= Aug 28, 7= Sep 9. Disease evaluated on Aug 5, Aug 11, Aug 18, Sep 6, Sep 17. (2010) Late Blight: *Phytophthora infestans*



LABELED DISEASES

- Early Blight
- Black Root/Crown Rot
- Late Blight
- White Mold

BEST USE RECOMMENDATIONS

Foliar Applications

Apply Regalia in 25–100 gallons of water per acre sufficient to provide thorough coverage. Begin applications soon after emergence or transplant, and when conditions are conducive to disease development. Repeat on a 7- to 10-day interval or as needed. Use shorter intervals when conditions are conducive to rapid disease development.

For suppression of Early Blight, Black Root Rot/Black Crown Rot, and Late Blight, begin application of this product in 25–100 gallons of water per acre soon after emergence when conditions are conducive to disease development. Repeat on a 5- to 7-day interval or as needed. For improved performance, use this product in a tank mix with other registered fungicides.

In-Furrow Applications

At planting, apply Regalia as an in-furrow spray at the rate of 1–4 quarts per acre or 2.2–8.8 fluid ounces per 1000 feet of row according to the chart below. Apply Regalia in 5–15 gallons of water directing the spray into the seed furrow just before the seeds are covered.

CAN BE USED IN CONVENTIONAL AND ORGANIC PRODUCTION

Regalia can be tank mixed with NOP compliant copper fungicides to provide broad-spectrum control of most foliar diseases of organic potatoes.

Rate	In-Furrow Application Rates Product per Acre (fl. oz.)					
	30" Rows	32" Rows	34" Rows	36" Rows	38" Rows	40" Rows
2.2 fl. oz. per 1000 ft. row	38.3	36.0	33.8	32.0	30.3	28.7
8.8 fl. oz. per 1000 ft. row	153.2	144.0	135.2	123.0	121.2	114.8
30" = 17,424 row ft./acre, 32" = 16,315 row ft./acre, 34" = 15,374 row ft./acre, 36" = 14,520 row ft./acre, 38" = 13,754 row ft./acre, 40" = 13,068 row ft./acre.						

Always read and follow label directions.



CAN BE USED IN ORGANIC PRODUCTION



FOR ADDITIONAL INFORMATION, CONTACT YOUR LOCAL RETAILER
OR CONTACT MARRONE BIO INNOVATIONS:

Phone 530-750-2800 • Toll Free 877-664-4476 • Email regalia@marronebio.com



MarroneBio.com/Regalia