

Regalia® is a powerful, new tool to control Mummy Berry, Anthracnose and Alternaria in blueberry. In the past, many growers relied solely on febuconazole (Indar®) to control Mummy Berry in blueberry, however fungi have been known to develop resistance to this class of chemistry. Regalia offers growers an effective and unique mode of action that aids in resistance management. When treated with Regalia, the blueberry plant's defense system is switched on to protect against attacking diseases.

Independent research conducted at Michigan State University has shown that Regalia can effectively control Mummy Berry, Anthracnose, and Alternaria, and also improve the quality and quantity of marketable fruit at pack-out.

Regalia has a zero day pre-harvest interval (PHI), so growers can protect crops right up to harvest. Regalia also features a short re-entry interval (REI) of only 4 hours, so workers can get back in the field the same day it's treated.

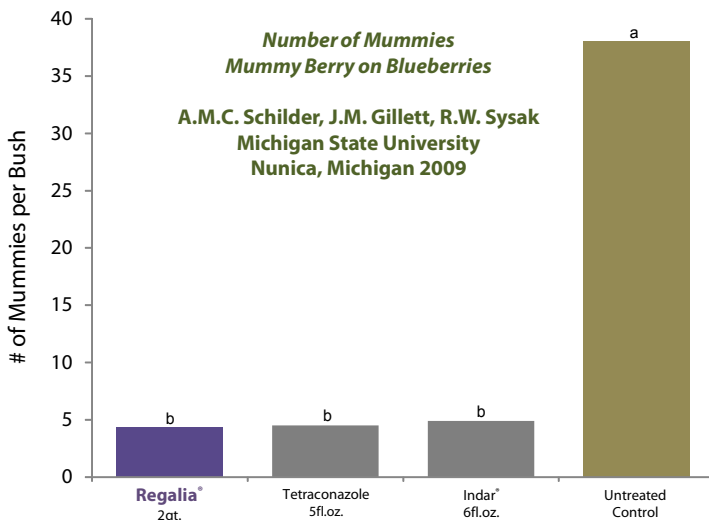
Additionally, organic growers now have access to the same powerful Regalia used by conventional growers, Regalia is OMRI listed, and NOP compliant for use in organic production.



How Regalia Works

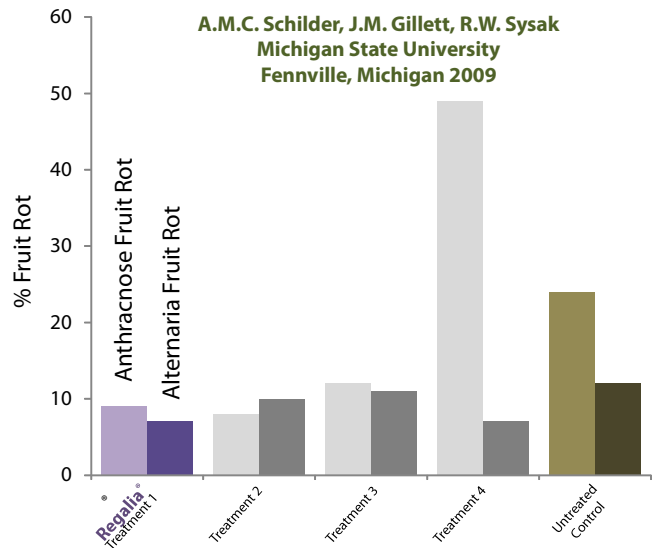
When treated with Regalia, the defense systems of the blueberry crop are switched on to protect against attacking diseases. Research proves that plants treated with Regalia produce and accumulate elevated levels of specialized proteins and other compounds known to inhibit fungal and bacterial diseases. Regalia induces a plant to produce phytoalexins, cell strengtheners, antioxidants, phenolics, and PR proteins, which are all known inhibitors of plant pathogens.

Regalia controls Mummy Berry, Anthracnose Fruit Rot and Alternaria Fruit Rot in blueberries.



- Application Dates: April 24 (green tip), April 29, May 5, May 12, May 20, May 29 (petal fall)
 * Assessed before harvest on July 21.

% Fruit Rot
Anthracnose and Alternaria Fruit Rot on Blueberries



- Application Dates: April 23, May 2, May 8, May 15, May 22, May 28, June 22, July 6.

Treatment 1:

Regalia® 2qt, App: 1-8

Treatment 2:

Serenade® Max 1.5lb, App: 1-7
 Phostrol® 2qt, App: 1-7
 Pristine® 23oz, App: 8

Treatment 3:

Serenade Max 3lb, App: 1-7
 Pristine 23oz, App: 8

Treatment 4:

Captec® 2qt, App: 3,6,7
 Abound® 10fl.oz., App: 4
 Pristine 23oz, App: 5,8

Regalia Best Use Recommendations

Mummy Berry – Initiate application at bud break stage of development. Apply 1-2 qts Regalia preventatively in 50 to 100 gallons of water per acre and repeat on a 7- to 10-day interval or as needed. For best performance, tank mix Regalia with other registered fungicides for Mummy Berry control.

Botrytis Blight – Apply 1-2 qts Regalia preventatively in 50-100 gallons of water per acre when the first disease symptoms are visible and reapply every 7- to 14-days.

Anthracoese Fruit Rot and Alternaria Fruit Rot – Initiate application at green tip. Apply 1-2 qts Regalia preventatively in 50 to 100 gallons of water per acre and repeat on a 7- to 10-day interval until 10% blue fruit.

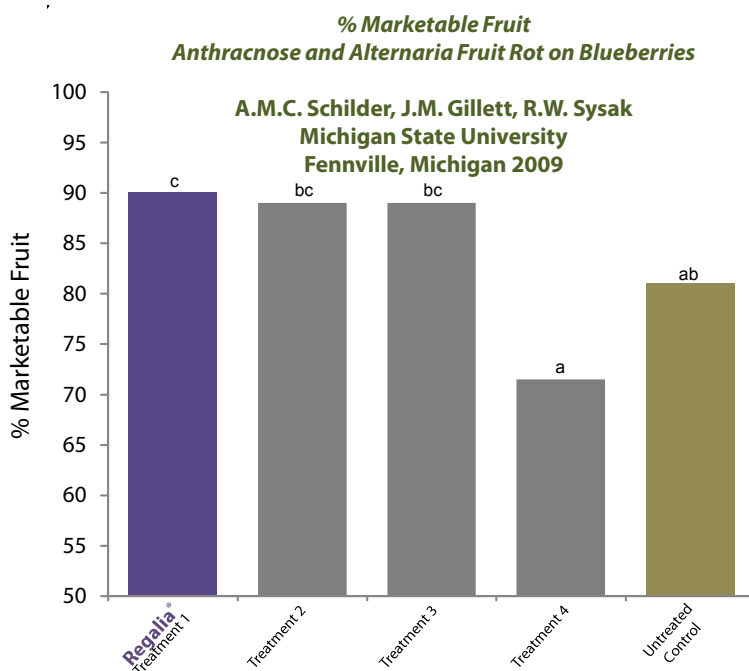
Compatibility

Regalia is shown to be compatible with many commonly used pesticides, fertilizers, adjuvants and surfactants but has not been evaluated with all of these. If compatibility with another product is unknown, a jar test should be conducted.

- Re-entry interval (REI) of 4 hours.
- Rainfast in 1 hour.
- Pre-harvest interval (PHI) of 0 days.
- Fully compliant for use on organic crops.



CAN BE USED IN ORGANIC PRODUCTION



- Application Dates: April 23, May 2, May 8, May 15, May 22, May 28, June 22, July 6.

Regalia increases marketable yield by controlling Alternaria and Anthracnose Fruit Rots.

Treatment 1:

Regalia 2qt, App: 1-8

Treatment 2:

Serenade[®] Max 1.5lb, App: 1-7

Phostrol[®] 2qt, App: 1-7

Pristine[®] 23oz, App: 8

Treatment 3:

Serenade[®] Max 3lb, App: 1-7

Pristine[®] 23oz, App: 8

Treatment 4:

Captec[®] 2qt, App: 3,6,7

Abound[®] 10fl.oz., App: 4

Pristine[®] 23oz, App: 5,8



www.marronebio.com

To control blueberry diseases with powerful Regalia contact your local retailer, or call:

Jesse Rosales, Coastal CA, 530-304-2030

Mark Allen, Northern CA and Pac NW, 530-304-9091

Mike Martinez, Southern CA and AZ, 559-288-3422

Jay Osborne, Eastern Reg. Sales Rep., 239-207-7168

Brian Anderson, Midwest Sales Rep., 616-299-8155

David Warman, Director of Sales, 336-202-3433