

NEW Regalia®

Disease Control on Stone Fruit



New Tool Against Disease in Stone Fruit
Regalia® provides excellent control of Brown Rot Blossom Blight (*Monilinia laxa*), Powdery Mildew (*Podosphaera clandestine*), and Fruit Rot (*Monilinia fructicola*) in stone fruits. With Regalia, growers can protect blossoms and developing fruit from both Brown Rot Blossom Blight and Powdery Mildew with the same product. Regalia also provides effective control of Fruit Rot, and with a zero-day PHI, growers can protect fruit right up to harvest.

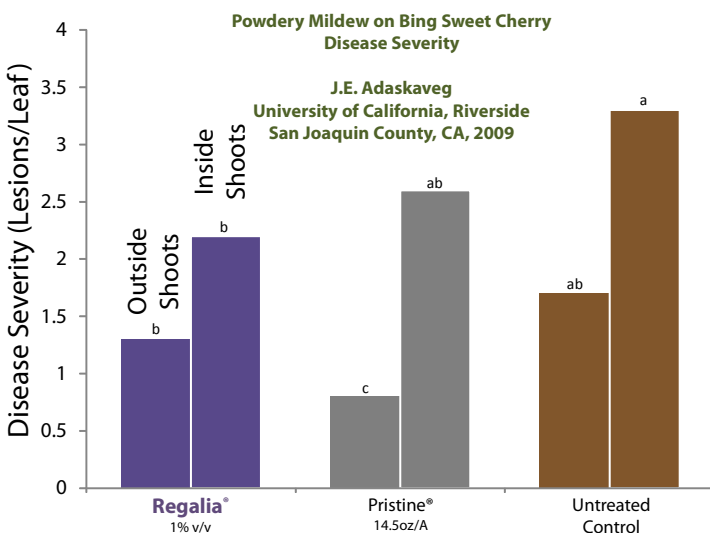
Independent research performed in 2009 proves that adding Regalia to tank-mix and rotational programs improves control of fungal diseases in stone fruit. In a university field trial conducted in San Joaquin County, Regalia was as effective as a leading strobilurin fungicide at controlling powdery mildew.

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

How Regalia Works

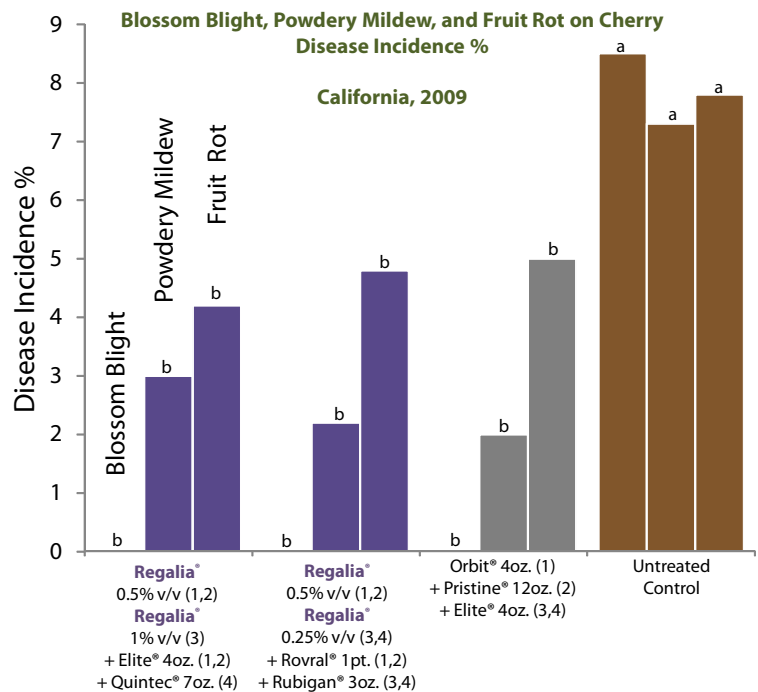
When treated with Regalia, the defense systems of stone fruit are 'switched on' to protect against attacking diseases. Research proves that plants treated with Regalia produce and accumulate elevated levels of specialized proteins and other compounds known to inhibit fungal and bacterial diseases. Regalia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

Regalia offers excellent early and mid-season control of Powdery Mildew.



- Treatments applied on Apr 16, 2009.
- Disease evaluated on May 29, 2009.
- Treatments applied at 100 gal/acre.

Regalia controls Brown Rot Blossom Blight in stone fruit.



- Treatments applied on: 1= Mar 23, 2= Apr 8, 3= Apr 29, 4= May 6.
- Disease evaluated on Apr 15, 2009.
- Treatments applied at 100 gal/acre.


Regalia provides effective Fruit Rot control with a zero-day PHI.

Always read and follow label directions. Regalia is a registered trademark of Marrone Bio Innovations, Inc. Pristine is a registered trademark of BASF Ag Products. Orbit is a registered trademark of Syngenta. Adament, Rovral, and Elite are registered trademarks of Bayer CropScience. Indar, Quintec, and Rally are registered trademarks of Dow AgroSciences, LLC. Rubigan is a registered trademark of Gowan Company. JMS Stylet-Oil is a registered trademark of JMS Flower Farms, Inc. © February 2010 Marrone Bio Innovations, Inc.

Compatibility Chart - Common Regalia Tank Mix Partners

Regalia is compatible with DMIs such as Orbit®, Elite® and Rally®, strobilurins such as Pristine®, APs such as Scala® and Vanguard®, and many other

classes of pesticide chemistry. If compatibility with another product is unknown, a jar test should be conducted.

Brand Name	Active Ingredient	Family Group	FRAC	Resistance Risk
Regalia®	Extract of <i>Reynoutria sachalinensis</i>	Plant Host Inducers	P	Low 
Rovral®	Iprodione	Dicarboxamide	2	Med-High
Adament®	Tebuconazole + Trifloxystrobin	Demethylation Inhibitor + Quinone outside Inhibitor	3 11	High
Indar®	Fenbuconazole	Demethylation Inhibitor	3	High
Elite®	Tebuconazole	Demethylation Inhibitor	3	High
Orbit®	Propiconazole	Demethylation Inhibitor	3	High
Rally®	Myclobutanil	Demethylation Inhibitor	3	High
Pristine®	Boscalid + Pyraclostrobin	Carboxamide + Quinone outside Inhibitor	7 11	Medium
Scala®	Pyrimethanil	Anilino-Pyrimidines	9	Medium
Vanguard®	Cyprodinil	Anilino-Pyrimidines	9	Medium
Sulfur	Sulfur	Multi-Site Contact - Inorganic	M2	Low

Best Use Recommendations

Brown Rot Blossom Blight and Fruit Rot- Fruit rot is managed by controlling blossom and twig blight in the spring with preventative control measures. For maximum control, apply Regalia at Pink Bud and full bloom. If disease pressure is high, an additional application after petal fall is recommended. Preharvest sprays for fruit rot control should begin four weeks before harvest on a 7-10 day interval.

Powdery Mildew- Applications of Regalia should begin within 2 weeks following petal fall and continue on a 7-14 day schedule depending upon disease pressure. Tank-mixing Regalia or rotating with DMI and/or strobilurin chemistries will enhance control.

Apply 1-4 quarts of Regalia per acre in 100 gallons of water when applied as part of a tank-mix or rotational program. Apply 2-4 quarts of Regalia per acre in 100 gallons when applied alone.



Jesse Rosales, Coastal CA, 530-304-2030

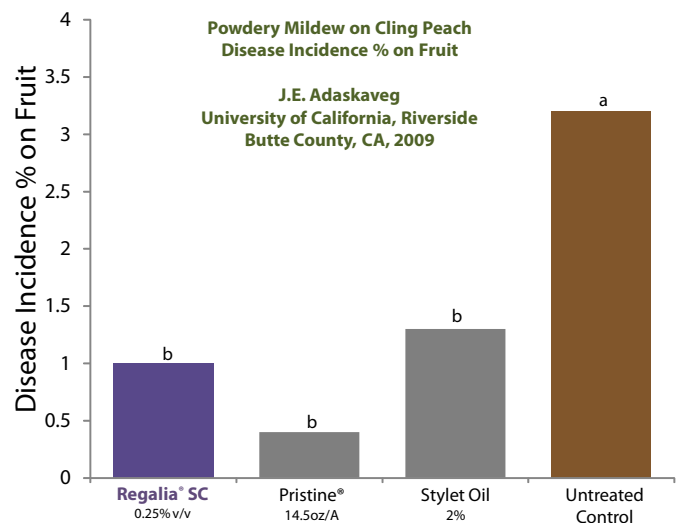
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- Treatments applied on Mar 26 and May 5, 2009.
- Disease evaluated on Jun 9, 2009.
- Treatments applied at 100 gal/acre.

Regalia controls Powdery Mildew on Stone Fruit, even at low rates.



www.MarroneBio.com/Regalia

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