



A Powerful Fungicide for Disease Control on Almonds

REGALIA ON ALMONDS

Regalia® provides broad spectrum disease control against Brown Rot Blossom Blight, Shot Hole, and Anthracnose in almonds. Add Regalia to your IPM program for better disease control, better yield, and a better bottom line. Regalia induces the plant's defenses, provides broad spectrum disease control, delays the development of resistance, and helps minimize chemical residues in harvested nuts. In short, Regalia is proven to make your protection program better.

RESISTANCE MANAGEMENT

To control Brown Rot Blossom Blight, growers often rely on strobilurin fungicides (class 11) such as Pristine® and Abound®, and AP fungicides (class 2) such as Rovral®. These chemistries are known to have a high risk of resistance, but Regalia has a low risk of resistance (see chart on back page). Regalia has a unique mode of action, and is an ideal rotational or tank mix partner in resistance management programs. Regalia is proven to make IPM programs better.

Regalia® is active against Brown Rot Blossom Blight, Shot Hole, and Anthracnose

RAINFEST IN ONE HOUR

Brown Rot Blossom Blight can be most severe when there is rainfall and warm temperatures during bloom. Regalia is rainfast in only one hour, so growers can get important sprays out and protect crops even in tough weather.

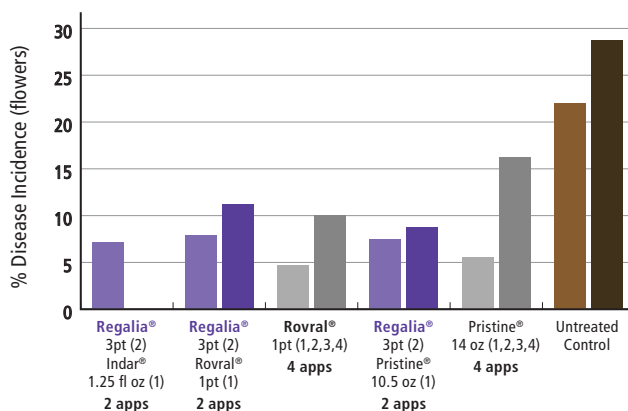
FEATURES

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



Brown Rot on Almonds

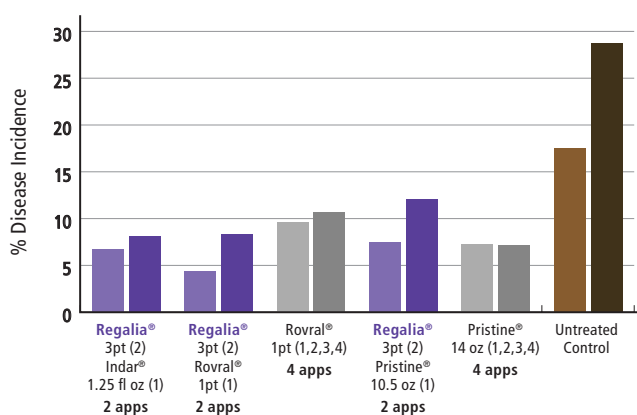
Pacific Ag Research, Bakersfield, CA



Treatments applied on 1= Feb 14, 2= Feb 24, 3= Mar 7, 4= Mar 16
Disease evaluated on Mar 3 and Mar 31
Brown Rot: *Monilinia laxa*

Anthracnose and Shot Hole on Almonds

Pacific Ag Research, Bakersfield, CA



Treatments applied on 1= Feb 14, 2= Feb 24, 3= Mar 7, 4= Mar 16
Disease evaluated on May 4
Indar® is not registered for Anthracnose or Shot Hole on almonds in California
Anthracnose: *Colletotrichum trifolii*
Shot Hole: *Wilsonomyces carpophilus*

LABELED DISEASES

- Brown Rot Blossom Blight
- Shot Hole
- Anthracnose

HOW REGALIA WORKS

When treated with Regalia, the defense systems of crops 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.

BEST USE RECOMMENDATIONS

For best results, use Regalia as a preventive treatment. For maximum Brown Rot control, apply Regalia at pink bud stage alone or in a tank mix with Indar®, followed by Pristine®, Rovral®, or Vanguard® at full bloom with Regalia applied at petal fall. If disease pressure is high, an additional application after petal fall is recommended.


Apply 1 quart of Regalia per acre in 100 gallons of water when applied as part of a tank mix application and 1.5–2 quarts of Regalia per acre in 100 gallons of water when applied alone as part of a rotational program.

COMPATIBILITY AND RESISTANCE MANAGEMENT

Regalia is compatible with class 11 fungicides such as Pristine® and Abound®, class 2 fungicides such as Rovral®, class 3 fungicides such as Indar® and Tilt®, class 9 fungicides such as Vanguard®, and many other classes of pesticide chemistry. If compatibility with another product is unknown, a jar test should be conducted.

CAN BE USED FOR CONVENTIONAL AND ORGANIC PRODUCTION

Regalia can be used stand-alone or in rotational and tank-mix programs with other NOP compliant products such as sulfur, copper, and other products to provide broad spectrum control of most foliar and fruit diseases.

Product	Active Ingredient	PHI	FRAC	Resistance Risk
 REGALIA	Extract of <i>Reynoutria Sachalinensis</i>	0	P	Low
ROVRAL®	Iprodione	0	2	Med-High
INDAR®	Fenbuconazole	160	3	Medium
TILT®	Propiconazole	60	3	Medium
BUMPER®	Propiconazole	60	3	Medium
QUASH®	Metconazole	25	3	Medium
VANGARD®	Cyprodinil	60	9	Medium
SCALA®	Pyrimethanil	30	9	Medium
ABOUND®	Azoxystrobin	28	11	High
PRISTINE®	Pyraclostrobin +Boscalid	25	11/7	High

PROVEN DISEASE CONTROL

Providing broad spectrum control of Brown Rot Blossom Blight, Shot Hole, and Anthracnose, Regalia is an ideal component in resistance management programs with Pristine®, Rovral®, or Indar®. For Brown Rot Blossom Blight control, trial data has shown that one application of Pristine followed by one application of Regalia is as effective as four applications of Pristine alone. Additional trials on the same disease showed that Regalia/Rovral programs can be more effective than Rovral used alone. When combating Shot Hole and Anthracnose, research indicates that alternating Rovral® with Regalia, is more effective than Rovral alone; and similarly one application of Pristine followed by one application of Regalia was as effective as four applications of Pristine alone.



CAN BE USED IN ORGANIC PRODUCTION



Always read and follow label directions.

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