

NEW



# Regalia®

## Disease Control on Ornamentals



New Regalia® controls bacterial and fungal diseases on many species of ornamentals.

Independent research confirms that

Regalia controls fungal diseases such as Powdery Mildew and Downy Mildew on container plants.

University trials prove that Regalia also controls bacterial diseases, such as

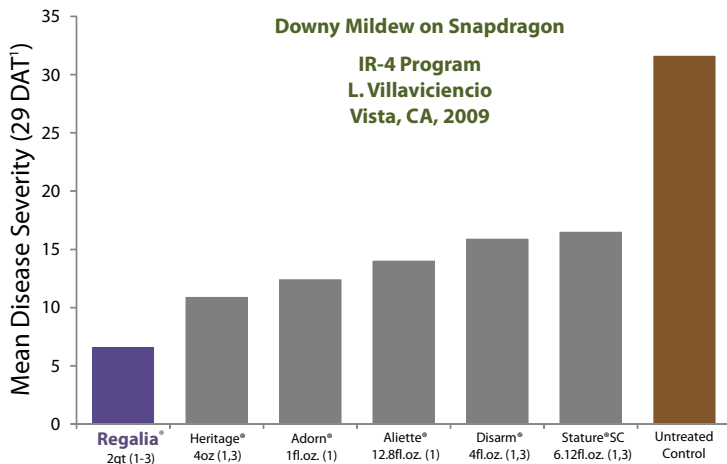
Xanthomonas Leaf Spot. With Regalia, growers get a broad spectrum of disease control with one powerful product.

### Four Hour REI and Rainfast in 1 Hour

Regalia has a short re-entry interval (REI) of only 4 hours, so workers can get back in the field, nursery, or greenhouse quickly. Regalia is rainfast in 1 hour, so growers can get important sprays out even in tough weather.

### Greenhouse Use

With Regalia, you have the ultimate in flexibility. Regalia is labeled for field and greenhouse use on many ornamental and edible crops.

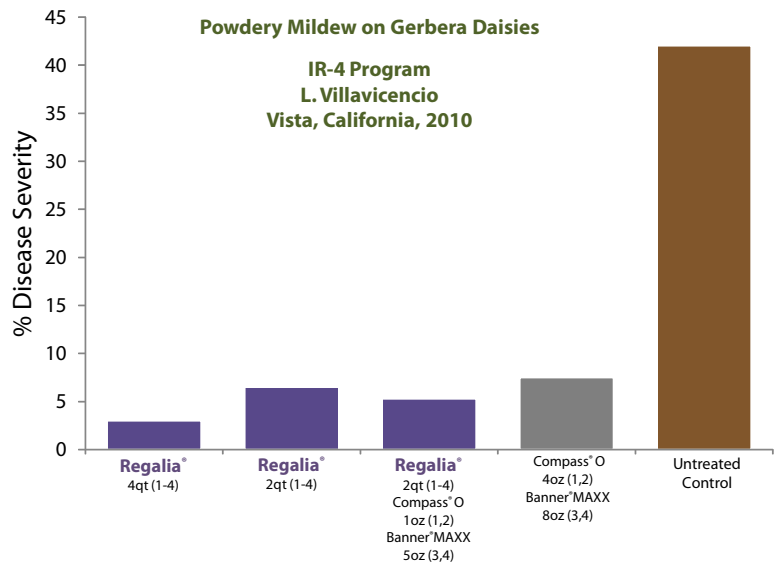


- 1 Days After Treatment.  
 - Treatments applied on 1= Feb 24, 2= Mar 3, 3=Mar 10.  
 - Treatments applied at 100 gal.  
 - Disease evaluated on Mar 24.

### How Regalia Works

When treated with Regalia, the defense systems of plants 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.

**Diseases controlled with Regalia:**  
 Powdery Mildew • Downy Mildew  
 Leaf Spots • Gray Mold • Rust  
 Scab • Anthracnose



- Treatments applied on 1=Feb 3, 2= Feb 10, 3= Feb 17, 4= Feb 24.  
 - Treatments applied at 100 gal.  
 - Disease evaluated on Mar 2.

**Regalia can be used on many ornamentals, such as:**


- Annual & Perennial Flowering Plants
- Trees and Shrubs
- Tropical Foliage
- Greenhouse Vegetables

## Compatibility

Regalia® can be used in rotation or as a tank mix partner with most commercially available fungicides\*. Regalia is shown to be compatible with strobilurins such as Heritage®, Insignia®, and

Compass®, DMIs such as Banner®, and many other types of pesticide chemistry. Strobilurin and DMI chemistries have known resistance risks, but the risk is extremely low with Regalia.

### Common Regalia Tank Mix Partners

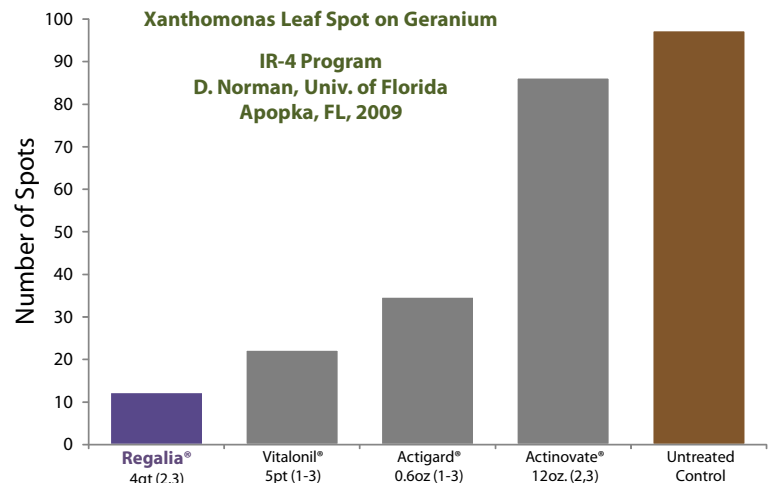
Brand Name	Active Ingredient	Family Group	FRAC	Resistance
Regalia®	Extract of <i>Reynoutria Sachalinensis</i>	Plant Host Inducer	P	Low 
3336®	Thiophanate Methyl	Methyl Benzimidazole Carbamates	1	High
Banner® MAXX	Propiconazole	Demethylation Inhibitors	3	Medium
Subdue® MAXX	Mefenoxam	Phenylamides	4	High
Heritage®	Azoxystrobin	Strobilurins (Qol)	11	High
Insignia®	Pyraclostrobin	Strobilurins (Qol)	11	High
Compass®	Trifloxystrobin	Strobilurins (Qol)	11	High
Medallion®	Fludioxonil	Phenylpyrroles	12	Low/Medium

\*If compatibility with another product is unknown, a jar test should be conducted.

## Regalia Best Use Recommendations

For best results, use Regalia as a preventative treatment. For maximum disease control, begin applications at the 4-6 leaf stage and repeat applications at 7-14 day intervals as needed prior to sale or harvest.

When mixed with another fungicide, apply Regalia at 1-4 quarts per 100 gallons of water. When used alone, apply Regalia at 2-4 quarts per 100 gallons of water. Always apply Regalia in a manner to achieve maximum coverage while avoiding runoff of spray material.



- Treatments applied on 1= Sep. 18, 2= Sep. 25, 3= Oct. 2.
- Treatments applied at 100 gal.
- Disease evaluated on Oct. 9.
- Cultivar 'Patriot Bright Red'.



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To control disease on ornamental plants with powerful Regalia contact your local retailer, or call:

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Mark Allen, Northern CA and Pac NW, 530-304-9091  
Mike Martinez, Southern CA and AZ, 559-288-3422  
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