

FUNGICIDES FIT FOR EVERY OPERATION

At Syngenta, we are committed to helping solve problems growers face. We recognize the complexity of growing ornamentals and strive to deliver plant protection solutions that fit every operation. We offer a suite of fungicides labeled to control the widest range of ornamental diseases featuring many different modes of action for comprehensive control and resistance management.

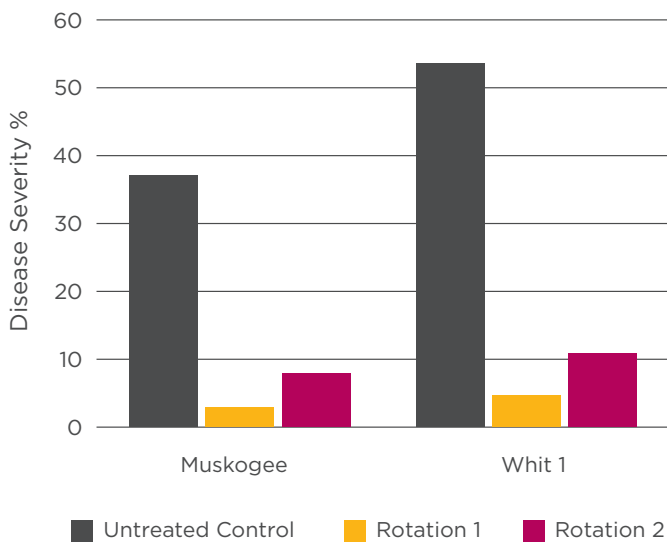
Broad-spectrum Disease Control

Product	FRAC Groups	Botrytis	Leaf spots	Powdery mildew	Rusts	<i>Fusarium</i>	Bacteria (suppression)
 Postiva™ Fungicide	3+7	X	X	X	X	X	X
 Daconil® Fungicide	M	X	X	X	X		
 Mural® Fungicide	7+11	X	X	X	X	X	
 Palladium® Fungicide	9+12	X	X	X		X	
 Medallion® WDG Fungicide	12	X	X			X	
 Concert® II* Fungicide	3+M5	X	X	X	X		

With products powered by modes of action in different FRAC Groups, the Syngenta portfolio of fungicides can be rotated to help mitigate resistance and deliver maximum control of challenging diseases. For example, rotating Postiva™, Palladium® and Mural® fungicides gives growers the power of six modes of action with proven activity on numerous pathogens as seen in the table above.

*Concert II is not labeled for use in greenhouses.

Evaluation of Fungicide Rotations for Control of Powdery Mildew on Crape Myrtle



Rotation 1 - Applications made on a 14-day interval
 Rotation 2 - Applications made on a 21-day interval

Treatments

1. Mural fungicide 7 oz./100 gal.
 2. Palladium fungicide 6 oz./100 gal.
 3. Concert® II fungicide 35 fl. oz./100 gal.
 4. Palladium 6 oz./100 gal.
- CapSil® 4 fl. oz./100 gal. was added to spray treatments
 12 replicates

2017 - F. Gurel & Timmons, Tennessee State Univ.

It is recommended growers make one or two applications of the same product (if the label allows) before rotating to a different class of chemistry. Preventing resistance from developing allows growers to have more options and tools in their management toolbox.

Targeting Downy Mildew and *Phytophthora*

Product	FRAC Groups	Downy mildew	<i>Phytophthora</i>
Segovis® Fungicide	49	X	X
Micora® Fungicide	40	X	X
Subdue Maxx® Fungicide	4	X	X

To prevent diseases like downy mildew and *Phytophthora*, Syngenta offers three products proven to provide long-lasting control. A rotation of Segovis®, Micora® and Subdue Maxx® fungicides can keep crops like impatiens protected from propagation to shipping. Applying before or at first signs of disease can lead to the most successful results.

This compilation of powerful fungicides is designed to offer growers long-lasting, reliable protection throughout production.

For more information on specific crop rotation programs, go to [GreenCastOnline.com/Solutions](https://www.GreenCastOnline.com/Solutions)

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