

Fungicide Rotation Guide

These are our primary fungicide rotations of chemicals used to treat the disease issues that may develop in Proven Winners® and Proven Selections® crops.

BOTRYTIS				
Category	Treatment	Rate per 100 gal.	When	Main Target/Other Targets
Liner prevention	Daconil® foliar (note some residue)	1.4 pts.	Weekly	Botrytis (Powdery Mildew)
Stock prevention	Daconil® foliar, but not if blooms or large buds are present	1.4 pts.	Depends	Botrytis (Powdery Mildew)
Has Botrytis, or at risk (in Action plan)	1. Pageant®	12 oz.	0 – 14 days	Botrytis (Downy Mildew, Powdery Mildew, Alternaria Leaf Spot, Anthracnose)
	2. Spectro™ (residue an issue if blooms or large buds are present)	2 lbs.	At 14 days	Botrytis (Fusarium, Powdery Mildew, Rhizoc, Anthrac)
	3. Protect™	1 lb.	At 21 days	Botrytis
	4. Decree®	1.5 lb.	27 days	Botrytis (rated as one of the better controls for Botrytis per Ann Chase)
	5. Affirm™ WDG	.5 lb.	35 days	Botrytis, Anthracnose, Downy Mildew, Powdery Mildew, Rhizoctonia

POWDERY MILDEW				
Category	Treatment	Rate per 100 gal.	When	Main Target/Other Targets
Action plan with Powdery Mildew rotation	1. Cease®	2.5 gal.	0 – 14 days	PM (Anthrac, Phytop, Downy Mildew, Rhizoctonia, Fusarium, Thielaviopsis)
	2. Milstop®	5 lbs.	At 21 days	PM (Anthrac, Botrytis, Downy Mildew)
	3. Milstop®	5 lbs.	At 28 days	PM (Anthrac, Botrytis, Downy Mildew)
	4. Compass® O	2 oz.	At 35 days	PM (Anthrac, Phytop, Downy Mildew, Botrytis, Rhizoc)
Plants that show Powdery Mildew symptoms	1. Protect™ T&O	1 lb.	0 – 7 days	PM (Anthrac, Phytop, Downy, Botrytis, Rhizoc)
	2. Compass® O	2 oz.	At 7 days	PM (Anthrac, Phytop, Downy, Rhizoc Fusarium, Thielaviopsis)
	3. Daconil®	1.4 pts.	At 21 days	PM (Botrytis)

ROOT ROT				
Category	Treatment	Rate per 100 gal.	When	Main Target/Other Targets
Plants in propagation – Undiagnosed trouble	Medallion®	2 oz.	0 and 7 days	Phytophthora/Pythium, Rhizoctonia, Broad spectrum control ** Do not use on <i>Calibrachoa</i> **
Plants moving from propagation	OHP 6672™ / Truban®	16 oz. + 8 oz.	Once	Phytophthora/Pythium (OHP: Rhizoctonia, Botrytis, Fusarium) per action plans
Problem ID'd: Phytopathogen or Pythium	1. Fenstop® drench	14 oz.	0 – 21 days	Phytophthora/Pythium (Rhizoctonia)
	2. Banrot® drench	4 oz.	At 21 days	Phytophthora/Pythium (Downy Mildew) two modes of action (MOAs), very effective control
	3. Alude™ drench	12 oz.	At 35 days	Phytophthora/Pythium
Preventative drench	1. Cease®	8 qts.	7 – 14 days	Phytop/Pythium (biweekly on ColorChoice® shrubs)



Fungicide Rotation Guide Continued

EFFECTIVE CHEMICALS IN 3 DIFFERENT MOA CLASSES

Bacterial Blight	Coppers, Protect™, Medallion®, Agri-Mycin®, Cease®
Crown Rot	Pageant®, Companion®, Cease®, Alude™, Fenstop®, done as sprays
Downy Mildew	Alude™, Coppers, Pipron®, Orvego™, Micora™, Strobilurins
Erwinia	Dumping the crop, Camelot™, Phyton®, Agri-Mycin®
Fusarium	OHP™, Medallion®, Heritage®
Leaf Spot	Heritage®, Spectro™, Pageant®, Palladium™, Cease®, Terraguard®
Rhizoctonia	Medallion®, OHP™ 6672, Pageant®, Compass®, Heritage®
Rhodo/Agro	Protect™ T&O, Coppers, Agri-Mycin®
Thielaviopsis	OHP™ 6672, Banrot®, Truban®

- Do not use Truban® or etridiazole on *Clematis*.

