


2016 Guide to Ornamental Fungicides

The information presented is the result of research trials published in the US (many by Chase Agricultural Consulting, LLC). The product label will dictate specific instructions on use and rates for all applications. The label presents what is required by law.

FOLIAR DISEASES

Product	FRAC Code	REI hours	Alternaria	Bacteria	Black Spot	Bipolaris Drechslera	Botryosphaeria	Botrytis	Cercospora	Colletotrichum	Coniothyrium	Corynespora	Cylindrocladium (leaf spot)	Downy Mildew	Entomosporium	Gliocladium (stem rot)	Myrothecium	Phyllosticta	Phytophthora (aerial blight leaf spot)	Powdery Mildew	Rhizoctonia	Rust	Scab (Sphaceloma)
26/36® Fungicide	1 and 2	12						some/exc	vgood	good											excellent		
Actinovate®	nc	1	none	none/some				none		none/some			some	none/some						none/some		none/some	
Adorn®	43	12												vgood/exc					vgood/exc				
Affirm™ WDG	19	4						some					excellent										
Aliette® WDG	33	12	none	fair				some						excellent					vgood/exc	poor/some			
Alude™	33	4		poor										excellent					vgood/exc	vgood			
Banner Maxx®	3	12	fair/vgood		some		good/vgood		good/vgood	some/good		none/good			vgood/exc		good	some/good		vgood/exc		good/exc	
Camelot® O	M1	4	good	good				none/fair		good		vgood	some	poor/vgood					poor/good	poor/vgood		poor/good	vgood/exc
Cease®	nc	4	none/poor	good	poor			some	vgood	none/good		none	none	some/good						good/vgood			
Cleary 3336®, OHP-6672®	1	12	none/poor		some			poor/some	some/exc	some/good			good/exc		some/vgood		some/vgood	none	none	poor/vgood	good/exc	vgood/exc	vgood
Compass® O 50WDG	11	12	good/exc		good			vgood	some/exc	none	vgood		vgood/exc	good/vgood	some/good	vgood/exc	some/good	none	none/vgood	vgood/exc	good	fair/exc	excellent
Concert® II	3 and M5	12			good			some/good	excellent	vgood		vgood	excellent							excellent		good	
CuPRO™ 5000/Kocide® TNO	M1	48		good				fair	some				some	poor/vgood							some	none	
Daconil Ultrex®, Daconil Weather Stik®	M5	12	vgood/exc		vgood/exc	vgood/exc		vgood/exc	vgood/exc	some/exc	vgood			some	vgood/exc	good/vgood	vgood/exc	good	none/vgood		excellent	some	
Decree® 50WDG	17	12	fair					vgood/exc					fair	none						fair/vgood		fair/good	
Disarm® O	11	12	excellent					none/some	vgood/exc	vgood/exc			vgood					vgood/exc		none			
Dithane® Rainshield® 75DF	M3	24	good/vgood	none/vgood		vgood/exc		good/exc		vgood				good/vgood						some	poor/fair	vgood/exc	
Eagle® 20EW	3	24	good/exc		vgood/exc				vgood/exc	none/vgood					vgood/exc		some/good	vgood/exc		vgood/exc		vgood/exc	vgood/exc
FenStop®	11	12												vgood/exc						vgood/exc			
Fosphite®	33	4	none											good						vgood/exc	some/vgood		
Heritage®	11	4	vgood/exc			vgood/exc	good/vgood	fair/good	vgood/exc	none/vgood	some	vgood/exc	vgood	vgood/exc	vgood	good/exc	vgood/exc	none/good	vgood	vgood/exc	vgood/exc	excellent	vgood/exc
Junction®	M1 and M3	24	good	good				fair						none/vgood				none		fair/vgood		good	vgood
KleenGrow™	nc	48	vgood	vgood				some	vgood/exc	none			some	some						some/vgood			
Medallion® WDG	12	12	excellent		none	vgood/exc	good/vgood	vgood/exc	some/exc	none/good	good		vgood/exc	none	none	vgood/exc	vgood/exc	some/vgood	none	none			
Micora®	40	4												vgood/exc						vgood/exc			
MilStop®	nc	1		none	none			some/vgood				none		none/exc	none					vgood/exc		some/vgood	some
Mural™	7 and 11	12	vgood			good/exc		good/exc		excellent		vgood/exc	some/exc	good				excellent	vgood/exc		excellent	good/exc	
OHP® Chipco® 26019 N/G	2	12	vgood/exc			some	good	excellent	some	none/some	good		good/vgood			good	vgood						
Orvego®	40 and 45	12												vgood/exc									
Pageant® Intrinsic®	7 and 11	12	vgood/exc		good/vgood	good/vgood	vgood/exc	vgood/exc	vgood	vgood/exc	good/exc		vgood/exc	vgood/exc	good/exc		some/exc	excellent		vgood/exc	vgood/exc	good/exc	

nc = not classified, U = unknown, Organic = 

Syngenta Solutions for Common Ornamental Diseases

*Banner Maxx and Concert II are outdoor use only. Products in **BOLD** are recent additions to the Syngenta portfolio.



Rust
Banner Maxx®
Concert II*
Daconil
Heritage
Mural



Anthracnose
Concert II*
Daconil
Medallion WDG
Mural
Palladium



Downy Mildew
Heritage
Micora
Mural
Segovis
Subdue Maxx



Fusarium wilt
Heritage
Mural
Medallion WDG



Phytophthora crown rot
Micora
Mural
Segovis
Subdue Maxx



Powdery Mildew
Banner Maxx®
Concert II*
Daconil
Heritage
Mural
Palladium



Pythium root rot
Mural
Subdue Maxx



Rhizoctonia root rot
Heritage
Mural
Medallion WDG

FOLIAR DISEASES (continued)

Product	FRAC Code	REI hours	Alternaria	Bacteria	Black Spot	Bipolaris Drechslera	Botryosphaeria	Botrytis	Cercospora	Colletotrichum	Coniothyrium	Corynespora	Cylindrocladium (leaf spot)	Downy Mildew	Entomosporium	Gliocladium (stem rot)	Myrothecium	Phyllosticta	Phytophthora (aerial blight leaf spot)	Powdery Mildew	Rhizoctonia	Rust	Scab (Sphaceloma)
Palladium®	9 and 12	12	vgood/exc					vgood	good	some/exc		some	good/exc		poor		vgood/exc			good	excellent	none	
Phyton® 27, Phyton® 35	M1	48	fair/exc	vgood/exc				poor/good	some/exc	vgood/exc	some		poor/good	vgood	none/some	none	none/vgood			good/exc		poor/vgood	fair/exc
Protect™ DF	M3	24	good/vgood					vgood	vgood/exc	some				fair/good		none				good/vgood		vgood/exc	excellent
Regalia®	P5	4	poor	none/some	none			poor	some/good					none/good						some/vgood			
RootShield®, RootShield® Plus	44 and nc	4	none										some/vgood	poor/fair		fair	none/vgood			fair		fair/vgood	
Segovis®	U 15	4												good/exc									
Segway® 0	21	12												excellent						vgood/exc			
Spectro® 90WDG	1 and M5	12	vgood					poor/good		excellent			excellent	none	good/exc	fair	none	vgood/exc	vgood			vgood	vgood/exc
Stature® SC	40	12												excellent						vgood/exc			
Strike® Plus	3 and 11	12	vgood/exc							excellent								some/exc		excellent	fair	vgood/exc	
Subdue Maxx®	4	0 to 48												excellent						vgood/exc			
Terraguard® 50W	3	12	good/exc		none	vgood/exc		none/vgood	vgood	none/vgood			good/vgood			some	vgood	none		vgood/exc	fair/vgood	good/exc	vgood/exc
Torque™	3	12			vgood		good			good			vgood/exc										
Tourney®	3	12			none				vgood/exc	none/vgood										excellent			
Triact® 70	nc	4			none			fair/good		some/good			poor	poor/fair						vgood/exc		vgood/exc	
Triathlon® BA	44	4	none/good	vgood/exc				good/exc														none/exc	
Trinity®	3	12	vgood/exc		good			good		some/good			some/vgood				vgood			excellent		excellent	

CROWN AND ROOT DISEASES

Product	FRAC Code	REI hours	Cylindrocladium (crown & root rot)	Fusarium (crown & root rot, wilt)	Phytophthora (root rot)	Pythium (root rot)	Rhizoctonia (crown & root rot)	Sclerotinia (crown rot)	Sclerotium (Southern blight)	Thielaviopsis (black root rot)
26/36® Fungicide	1 and 2	12					excellent			
Actinovate®	nc	1	some	none/good	none/vgood	none/vgood	none	some	none/some	none
Adorn®	43	12			vgood/exc	none/some				
Affirm™ WDG	19	4	excellent							vgood/exc
Aliette® WDG	33	12		none	vgood/exc	none/exc				
Alude™	33	4		none	vgood/exc	none/exc				
Cease®	nc	4	none	poor	some	some	none			
Cleary 3336®, OHP-6672®	1	12	good/exc	some/good	none	none	good/exc			vgood/exc
Compass® 0 50WDG	11	12	vgood/exc	some/good	none/vgood	poor/good	good			none
Disarm® 0	11	12	vgood	poor		vgood	vgood/exc			none
Eagle® 20EW, Hoist™	3	24					vgood			none
Empress® Intrinsic®	11	12		excellent	good/exc	good/exc	excellent			
FenStop®	11	12			vgood/exc	vgood				
Fosphite®	33	4		none/vgood	vgood/exc	vgood/exc				
Heritage®	11	4	vgood	good/vgood	vgood	some/vgood	vgood/exc		good/exc	none
KleenGrow™	nc	48	some	good	none	none	none			none
Medallion® WDG	12	12	vgood/exc	good/exc	none	none	excellent			none/vgood
Micora®	40	4			vgood/exc					

nc = not classified, U = unknown, Organic =

Contact your local Syngenta territory manager or visit www.GreenCastOnline.com/Ornamentals to learn more.



Created by Chase Agricultural Consulting, LLC and Syngenta.



CROWN AND ROOT DISEASES (continued)

Product	FRAC Code	REI hours	Cylindrocladium (crown & root rot)	Fusarium (crown & root rot, wilt)	Phytophthora (root rot)	Pythium (root rot)	Rhizoctonia (crown & root rot)	Sclerotinia (crown rot)	Sclerotium (Southern blight)	Thielaviopsis (black root rot)
Mural™	7 and 11	12	vgood		vgood/exc			good/exc		
OHP® Chipco® 26019 N/G	2	12	good/vgood	vgood			good/exc			
Orvego®	40 and 45	12			vgood/exc					
Pageant® Intrinsic®	7 and 11	12	vgood/exc	some/good	none/vgood	none/good	vgood/exc	vgood/exc	vgood/exc	none
Phyton® 27, Phyton® 35	M1	48	poor/good	none/vgood	poor/vgood	fair/vgood	poor/good			none
Regalia®	P5	4			none					none
RootShield®, RootShield® Plus	44 and nc	4	some/vgood	none/vgood	poor/good	poor/vgood	some/exc			none
Segovis®	U 15	4			vgood/exc	vgood				
Segway® 0	21	12			vgood/exc	vgood/exc				
Spectro® 90WDG	1 and M5	12	excellent	none	vgood	excellent				
Stature® SC	40	12			vgood/exc	none				
Subdue Maxx®	4	0 to 48			good/exc	vgood/exc				
Terraclor® 75WP	14	12					good/exc		good	none
Terraguard® 50W	3	12	good/vgood	good		none	fair/vgood		good	some/good
Terrazole®, Truban®	14	12			good/exc	vgood/exc				
Tourney®	3	12					vgood/exc			

The codes used in the chart denote the most typical reaction obtained in the many trials summarized under each pathogen for each product. For instance "excellent" shows consistently excellent results across multiple crops for that pathogen. When multiple rankings are shown, such as "vgood/exc", it indicates that results ranged from very good (vgood) to excellent (exc) depending on exact crop and species of pathogen. Thus a notation of poor/good shows a very wide range of reactions.

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