

# 2021 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	Albugo (white blister)	Algal leaf spot	Alternaria	Bacteria	Black spot	Botrytis	Cercospora	Colletotrichum (Anthracnose)	Cylindrocladium (leaf spot)	Downy mildew	Entomosporium	Myrothecium	Phyllosticta (Phoma)	Phytophthora (aerial blight)	Powdery mildew	Rhizoctonia	Rust	Scab (various fungi)
Adom®	43	12	excellent									vgood/exc				vgood/exc				
Affirm™ WDG	19	4	none					some/good		poor/good	excellent									
Aliette® WDG, Areca™	P07 (33)	12			none	fair		some				excellent				vgood/exc	poor/some			
Alude™	P07 (33)	4		vgood		poor						excellent				vgood/exc	vgood			
Astun®	7	12						vgood/exc	vgood/exc	none							vgood/exc	some/vgood	some	
BannerMaxx® Fungicide	3	12			fair/vgood		some/exc		good/vgood	some/good			vgood/exc	good	some/good		vgood/exc		good/exc	vgood
BotryStop™	nc	4				none/vgood		vgood/exc												
Broadform®	7 + 11	12			good/exc		vgood/exc	excellent	excellent	vgood/exc	vgood/exc			good		excellent	vgood/exc	excellent	good	good
Cease®	44	4			none/good	some/vgood	poor	some/good	some/exc	none/good		none/vgood					good/vgood			
Compass® O 50WDG	11	12			good/exc		good	vgood	some/exc	none	vgood/exc	good/vgood	some/good	some/good	none	none/vgood	vgood/exc	good	fair/exc	excellent
Concert II® Fungicide	3 + M5	12					good	some/good	excellent	vgood/exc	excellent						excellent		good	excellent
Daconil ULTREX® Fungicide Daconil Weatherstik® Fungicide	M5	12		vgood/exc	vgood/exc		vgood/exc	vgood/exc	vgood/exc	some/exc		some	vgood/exc	vgood/exc	good	none/vgood		excellent	some	excellent
Decree® 50WDG	17	12			fair			vgood/exc			fair	none					fair/vgood		fair/good	
Dithane®, Protect™ DF	M3	24		none	good/exc	none/vgood		good/exc	vgood/exc	some/vgood		good/vgood					some/vgood	poor/fair	vgood/exc	excellent
Eagle® 20EW	3	24			good/exc		vgood/exc		vgood/exc	none/vgood			vgood/exc	some/good	vgood/exc		vgood/exc		vgood/exc	vgood/exc
EcoSwing®	nc	4				none/exc		none/good				some					some/exc		vgood/exc	
Fame® SC	11	12	excellent		excellent			none/good	vgood/exc	vgood/exc	none/exc	none/exc				none/vgood	none/vgood	vgood/exc	good/vgood	
FenStop®	11	12	vgood/exc									vgood/exc				vgood/exc				
Fosphite®	P07 (33)	4			none							good				vgood/exc	some/vgood			
Grotto™ (Camelot® O)	M1	4		vgood/exc	good	some/vgood		none/fair		good	some	poor/vgood				poor/good	poor/vgood		poor/good	vgood/exc
Heritage® Fungicide	11	4	good/exc		vgood/exc			fair/good	vgood/exc	none/exc	vgood	vgood/exc	vgood	vgood/exc	none/good	vgood	vgood/exc	vgood/exc	excellent	vgood/exc
Junction®	M1 + M2	24	good	none	good	good		fair				none/vgood		none			fair/vgood		good	vgood
KleenGrow™	nc	48		vgood/exc	vgood/exc	vgood/exc		good/vgood	vgood/exc	none	some	good/vgood					some/exc			
Kocide® 3000	M1	48		none		some/vgood		fair	some	some/vgood	some	poor/vgood						some	none	
Medallion WDG® Fungicide	12	12			vgood/exc		none	vgood/exc	some/exc	none/good	vgood/exc	none	none	vgood/exc	some/vgood	none	none			
Micora® Fungicide	40	4										vgood/exc				vgood/exc				
MilStop®	nc	1		good		none/good	none/slight	some/exc	vgood/exc	poor/good	none/slight	some/exc	none				vgood/exc		some/vgood	some
Mural® Fungicide	7 + 11	12		excellent	vgood/exc		vgood/exc	good/exc	vgood/exc	excellent	vgood/exc	vgood		excellent	vgood/exc		excellent		excellent	excellent
OHP® Chipco® 26019	2	12			vgood/exc			excellent	some	none/some	good/vgood	vgood		vgood						
3336®, OHP-6672®	1	12			none/poor		some	poor/some	some/exc	some/exc	good/exc		some/vgood	poor/vgood	none	none	poor/vgood	good/exc	vgood/exc	vgood
Orkestra® Intrinsic®	7 + 11	12	good		vgood/exc		some/vgood	some/exc	vgood/exc	excellent	vgood/exc	vgood/exc		vgood	vgood	good	excellent		excellent	good
Orvego®	40 + 45	12										vgood/exc								
Pageant® Intrinsic®	7 + 11	12			good/exc		good/vgood	vgood/exc	vgood	vgood/exc	vgood/exc	vgood/exc	good/exc	some/exc	excellent		vgood/exc	vgood/exc	good/exc	excellent
Palladium® Fungicide	9 + 12	12			vgood/exc			vgood	good	poor/exc	good/exc		poor	vgood/exc	vgood		good/exc	excellent	none	
Phyton® 27	M1	48			some/exc	vgood/exc		poor/good	some/exc	vgood/exc	poor/good	vgood	none/some	none/vgood			good/exc		poor/vgood	fair/exc
ProStar®	3	12						good										excellent	some/exc	
Regalia®	P05	4			none/some	none/vgood	none	poor	some/good	none		none/vgood					some/vgood			
RootShield®/PlantShield®	BM02	4			none						some/vgood	poor/fair		none/vgood			fair		fair/vgood	
Segovis® Fungicide	49	12										good/exc				vgood/exc				

Product	FRAC Code	REI hours	Albugo (white blister)	Algal leaf spot	Alternaria	Bacteria	Black spot	Botrytis	Cercospora	Colletotrichum (Anthracnose)	Cylindrocladium (leaf spot)	Downy mildew	Entomosporium	Myrothecium	Phyllosticta (Phoma)	Phytophthora (aerial blight)	Powdery mildew	Rhizoctonia	Rust	Scab (various fungi)
Segway® O	21	12	good									excellent				vgood/exc				
Stargus®	44	4			none/vgood	some/good		none/exc	good	good										
Stature® SC	40	12										excellent				vgood/exc				
Subdue Maxx Fungicide	4	48										excellent				vgood/exc				
Terraguard® 50W	3	12			good/exc		none	none/vgood	vgood/exc	none/vgood	vgood/exc			vgood	none		vgood/exc	fair/vgood	vgood/exc	vgood/exc
Torque™	3	12			vgood/exc		good/vgood			good/exc	vgood/exc		good				excellent		vgood/exc	
Tourney®	3	12					none	some	vgood/exc	none/vgood	vgood/exc						excellent			excellent
Triact® 70	nc	4			none/some	poor	none/good	fair/good	slight/some	some/good	poor	poor/fair					vgood/exc	some	vgood/exc	
Triathlon® BA	44	4		good	none/good	vgood/exc		good/exc	good			none/some					some/vgood		none/exc	
Trinity®	3	12			vgood/exc		good	good		some/good	some/vgood			vgood			excellent		excellent	

### CROWN AND STEM DISEASES

Product	FRAC Code	REI hours	Botryosphaeria (Bot canker)	Ceratocystis	Coniothyrium	Cylindrocladium	Fusarium	Gliocladium stem rot	Phytophthora aerial blight	Rhizoctonia	Sclerotinia	Sclerotium	Volutella
Adom	43	12							vgood/exc				
Aliette WDG, Areca	P07 (33)	12					none		vgood/exc				
Alude	P07 (33)	4					none		vgood/exc			none	
Astun	7	12					vgood/exc			some/vgood	vgood		
Banner Maxx Fungicide	3	12	good/vgood	poor									excellent
Broadform	7 + 11	12	good/exc						excellent	excellent	none/exc		good
Cease	44	4				none/good	none/some						
Compass O 50WDG	11	12	none	poor	vgood		some/exc	vgood/exc	none/vgood	good		some	
Concert II	3 + M5	12											good
Daconil ULTREX Fungicide	M5	12	some		vgood			good/vgood	none/vgood	excellent	vgood/exc		some/exc
Daconil Weatherstik Fungicide													
Dithane	M3	24	some/good							poor/fair			vgood/exc
Eagle 20EW	3	24	some	poor		vgood/exc							vgood/exc
Empress® Intrinsic	11	12					good/exc		good/exc	vgood/exc			vgood/exc
Fame SC	11	12		excellent			some		none/vgood	vgood/exc			
FenStop	11	12							vgood/exc				
Fosphite	P07 (33)	4					none/vgood		vgood/exc				vgood/exc
Heritage Fungicide	11	4	good/vgood	poor	some	vgood	good/exc	good/exc	vgood	vgood/exc	excellent	vgood/exc	
KleenGrow	nc	48				some	some/exc					some	good
Medallion WDG Fungicide	12	12	good/vgood		good	vgood/exc	good/exc	vgood/exc	none		excellent	some	
Micora Fungicide	40	4							vgood/exc				
Mural Fungicide	7 + 11	12				vgood	good/exc			excellent	excellent	good	none
OHP Chipco 26019	2	12	good		good	good/vgood	vgood	good			excellent		good
3336, OHP-6672	1	12	some	good		good/exc	good/exc		none	good/exc		some	excellent
Orkestra Intrinsic	7 + 11	12	vgood/exc				some/exc		good				vgood/exc
Pageant Intrinsic	7 + 11	12	vgood/exc	vgood	good/exc	vgood/exc	some/good			vgood/exc	vgood/exc		none
Phyton 27	M1	48			some	poor/good	none/vgood	none					excellent
ProStar	3	12								excellent			excellent
Segovis Fungicide	49	12							vgood/exc				
Segway O	21	12							vgood/exc				
Stature SC	40	12							vgood/exc				
Subdue Maxx Fungicide	4	48							vgood/exc			good/exc	
Terraclor®	14	12					some					good	
Terraguard 50W	3	12				good/vgood	none/vgood	some		fair/vgood		good	none/some
Torque	3	12	good/vgood									good	
Tourney	3	12	good									some	
Trinity	3	12							some/exc				

### ROOT DISEASES

Product	FRAC Code	REI hours	Cylindrocladium	Fusarium	Phytophthora	Pythium	Rhizoctonia	Thielaviopsis
Adorn	43	12			vgood/exc	none/some		
Afirm WDG	19	4	excellent					vgood
Aliette WDG, Areca	P07 (33)	12		none	vgood/exc	none/exc		
Alude	P07 (33)	4		none	vgood/exc	none/exc		
Cease	44	4	none/good	none/some	some	some	none/some	
Compass O 50WDG	11	12	vgood/exc	some/good	none/vgood	poor/good	good	none
Eagle 20EW	3	24					vgood	none/some
Empress Intrinsic	11	12		good/exc	good/exc	vgood/exc	vgood/exc	some/exc
Fame SC	11	12		some	none/vgood	none/vgood		none
FenStop	11	12			vgood/exc	vgood		
Fosphite	P07 (33)	4		none/vgood	vgood/exc	vgood/exc		
Heritage Fungicide	11	4	vgood	good/exc	vgood/exc	some/vgood	vgood/exc	none
KleenGrow	nc	48	some	some/exc	none	none	none	none/good
Medallion WDG Fungicide	12	12	vgood/exc	good/exc	none	none	excellent	none/exc
Micora Fungicide	40	4			vgood/exc			
Mural Fungicide	7 + 11	12	vgood	none	good/exc	some	vgood	good
OHP Chipco 26019	2	12	good/vgood	vgood			good/exc	
3336, OHP-6672	1	12	good/exc	some/exc	none	none	good/exc	vgood/exc
Orkestra Intrinsic	7 + 11	12		some/exc				none/vgood
Orvego	40 + 45	12			vgood/exc			
Pageant Intrinsic	7 + 11	12	vgood/exc	some/good	none/vgood	some/good	vgood/exc	none
Phyton 27	M1	48	poor/good	none/vgood	poor/vgood	fair/vgood	poor/good	none
ProStar	3	12						excellent
RootShield/PlantShield	BM02	4	some	none		none/vgood	none/vgood	none
RootShield Plus	BM02	4	some	none/vgood	none/exc	some/exc	poor/vgood	
Segovis Fungicide	49	12			vgood/exc	vgood		
Segway O	21	12			vgood/exc	vgood/exc		
Stargus®	44	4			vgood		none/good	
Stature SC	40	12			vgood/exc	none		
Subdue Maxx Fungicide	4	0			good/exc	vgood/exc		
Terraclor 75WP	14	12					good/exc	none/some
Terraguard 50W	3	12	good/vgood	none/vgood		none	fair/exc	some/exc
Terrazole®, Truban®	14	12			good/exc	vgood/exc		
Torque	3	12			excellent			
Tourney	3	12			good/exc			vgood/exc
Trinity	3	12			some/exc			none

nc = not classified, Organic = 

Contact your local Syngenta territory manager or visit [GreenCastOnline.com/Ornamentals](https://www.GreenCastOnline.com/Ornamentals) to learn more.

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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