

Fungicide Efficacy Table for Cucurbits

Reviewed by Cesar Escalante and Mohammad Babadoost – Sep 2025

This table includes efficacy information about the fungicides recommended in this guide, based on research and experience of authors. The products are listed alphabetically by **Trade Names**.

VG=Very Good, G=good, F=fair, P=poor, S=suppression

Trade Names (REI/PHI)	Active Ingredients MOA or FRAC code: fungicides with a number as the MOA code should be tank-mixed or alternated with a different MOA code according to the label.	Alternaria leaf blight	Anthracoze	Bacterial fruit blotch	Bacterial leaf and fruit spot	Downy mildew	Gummy stem/black rot	Plectosporium blight	Phytophthora blight	Powdery mildew	Scab
Actigard (12h/0d)	acibenzolar-S-methyl (P1)			F	P	P				P	P
Agri-Fos, Phostrol(4h to 12 h/0d)	acid/phosphite (33)					F	F		F		
Aprovia Top (12h/0d)	difenoconazole (3), benzovindiflupyr (7)		F				F	F		G	
Bravo, Echo, Equus, Initiate (12h/0d)	chlorothalonil (M5)	G	G			F	G	F	P	P	G
Cabrio (12h/0d)	pyraclostrobin (11)	G	G			P	P	G		P	
copper (4h to 48h/0d)	copper (M1)	P	P	F	F	P	P				
Curzate (12h/3d)	cymoxanil (27)					F					
Dithane, Manzate, Penncozeb (24h/5d)	mancozeb (M3)	G	G			F	G	F			G
Elumin (12h/2d)	ethaboxam (22)					G			G		
Flint (12h/7d)	trifloxystrobin (11)					P		G		P	
Fontelis (12h/1d)	penthiopyrad (7)	G					P	F		F	
Forum 4.18SC (12h/0d)	dimethomorph (40)					P			F		
Gatten (12h/0d)	flutianil (U13)									G	
Gavel (48h/5d)	mancozeb (M3), zoxamide (22)	G				G			F		
Inspire Super (12h/7d)	difenoconazole (3), cyprodinil (9)	G	F				G	F		G	
Luna Experience (12h/7d)	fluopyram (7), tebuconazole (3)	G	F				G			G	
Luna Sensation (12h/0d)	trifloxystrobin (11), fluopyram (7)	G	G				F			F	
Merivon (12h/0d)	fluxapyroxad (7), pyraclostrobin (11)	G	G				P			F	
Miravis Prime (12h/1d)	pydiflumetofen (7), fludioxonil (12)	G					G			G	
Monsoon, Onset, Toledo (12h/7d)	tebuconazole (3)						G			F	
Omega 500F (12h/7d to 30d)	fluazinam (29)					G					
Orondis Gold 200 (4h/0d)	oxathiapiprolin (49)								F		
Orondis Opti (12h/0d)	oxathiapiprolin (49), chlorothalonil (M5)					VG			F		
Orondis Ultra (12h/0d)	oxathiapiprolin (49), mandipropamid (40)					G			VG		
Presidio 4SC (12h/2d)	fluopicolide (43)					F			G		
Previcur Flex (12h/2d)	propamocarb (28)					G					
Pristine (12h/0d)	boscalid (7), pyraclostrobin (11)	G	G			P	P			P	
Procure (12h/0d)	triflumizole (3)									VG	
Proline (12h/7d)	prothioconazole (3)									VG	
Quadris, Satori (4h/1d)	azoxystrobin (11)	G	G			P	P	G		P	
Quadris Opti (12h/1d)	azoxystrobin (11), chlorothalonil (M5)	G	G			P	P			P	
Quadris Top (12h/1d)	azoxystrobin (11), difenoconazole (3)	G	G				G	G		P	
Quintec (12h/3d)	quinoxifen (13)									VG	
Rally (24h/0d)	myclobutanil (3)									F	
Ranman (12h/0d)	cyazofamid (21)					G			G		
Revus (4h/0d)	mandipropamid (40)					P			VG		
Rhyme (12h/0d)	flutriafol (3)									G	
Switch 62.5WB (12h/1d)	cyprodinil (9), fludioxonil (12)	G					G			F	
Tanos (12h/3d)	cymoxanil (27), famoxadone (11)	G	G	S		P			S		
Topsin M (24h/0d)	thiophanate-methyl (1)		G				F	F		F	
Torino (4h/0d)	cyflufenamid (U6)									F	
Velum Prime (12h/0d)	fluopyram (7)										
Vivando (12h/0d)	metrafenone (U8)									VG	
Zampro (12h/0d)	ametocetradin (45), dimethomorph (40)					G			F		
Zing (12h/0d)	zoxamide (22), chlorothalonil (M5)	G	G			G			F		