

Product/Disease Ratings for All Cucurbits<sup>1</sup>

Product (REI/PHI) <sup>2</sup>	Common name 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	Anthracnose	Bacterial leaf & fruit blotch	Bacterial leaf and fruit spot	Downy mildew	Gummy stem blight/black rot	Plectosporium blight	Phytophthora blight	Powdery mildew	Scab	Comments
Actigard® (12/0)	acibenzolar-S-methyl (21)			F	P	P				P	P	Use with copper applications for bacterial fruit blotch (see page 121).
Agri-Fos®, Phostrol®, Prophyt®, Rampart® (4/0)	phosphorus acid/phosphite (33)					F	F		F			Use early and in tank mixes.
Aprovia Top (12/0)	difenconazole (3), benzovindiflupyr (7)	ID	ID				ID	ID		G	ID	
Bravo®, Echo®, Equus®, Initiate® (12/0)	chlorothalonil (M)	G	G			F	G	G	P	F	G	
Cabrio® (12/0)	pyraclostrobin (11)	G	G			P	P	G		F		There may be resistance issues with downy mildew and gummy stem blight.
copper (active ingredient) (24/0)	copper (M)	P	P	F	F	P	P					
Dithane®, Manzate®, Penncozeb® (24/5)	mancozeb (M)	G	G			F	G	G			G	
Elumin® (12/2)	ethaboxam (22)						G		G			Do not alternate with Gavel® or Zing!®. See tank-mix recommendation on page 123.
Flint® (12/0)	trifloxystrobin (11)					P		F		P		There may be resistance issues with powdery mildew.
Fontelis® (12/1)	penthiopyrad (7)	G					P			G		There may be resistance issues with gummy stem blight.
Forum 4.18SC® (12/0)	dimethomorph (40)					G			F			Do not alternate with Revus®. Use early and in tank mixes.
Gavel® (48/5)	mancozeb (M), zoxamide (22)	G				G			F			
Inspire Super® (12/7)	difenoconazole (3), cyprodinil (9)	G	G				G	G		F		
Luna Experience® (12/7)	fluopyram (7), tebuconazole (3)	G	F				G			G		
Luna Sensation® (12/0)	trifloxystrobin (11), fluopyram (7)	G	G					F		F		All cucurbits.
Merivon® (12/0)	fluxapyroxad (7), pyraclostrobin (11)	G	G			P	P			G		
Monsoon®, Onset®, Toledo®, Vibe® (12/7)	tebuconazole (3)						G			F		
Orondis Opti® (4/0)	oxathiapipropilil (U15), chlorothalonil (M)					G			G			Apply as tank-mix of both products in multi-pack.
Orondis Ridomil Gold SL® (48/5)	oxathiapipropilil (U15), mefenoxam (4)								G			Apply as tank-mix of both products in multi-pack to soil.
Orondis Ultra® (4/0)	oxathiapipropilil (U15), mandipropamid (40)					G			G			Apply as tank-mix of both products in multi-pack.
Presidio 4SC® (12/2)	fluopicolide (43)					G			G			Primary use will be for Phytophthora blight in rotation with Revus®.
Previcur Flex® (12/2)	propamocarb (28)						F					Has greenhouse label for damping-off
Pristine® (12/0)	boscalid (7), pyraclostrobin (11)	G	G			P	P			P		There may be resistance issues with downy mildew and gummy stem blight.
Procure® (12/0)	triflumizole (3)									G		
Quadris®, Satori® (4/1)	azoxystrobin (11)	G	G			P	P	G		F		There may be resistance issues with downy mildew and gummy stem blight.
Quadris Opti® (12/1)	azoxystrobin (11), chlorothalonil (M)	G	G			P	P			F		
Quadris Top® (12/1)	azoxystrobin (11), difenconazole (3)	G	G				G			P		
Quintec® (12/3)	quinoxifen (13)									G		Contact fungicide with single mode of action
Rally® (24/0)	mycolobutanil (3)									G		
Ranman® (12/0)	cyazofamid (21)						G		G			
Revus® (4/0)	mandipropamid (40)					S			S			Primary use will be for Phytophthora blight in rotation with Presidio®.
Switch 62.5WB® (12/1)	cyprodinil (9), fludioxanil (12)	G					G			F		
Tanos® (12/3)	cymoxanil (27), famoxadone (11)	G	G	S		F			S			
Topsin M® (12/0)	thiophanate-methyl (1)		G				F			P		
Torino® (4/0)	cyflufenamid (U6)									G		
Vivando® (12/0)	metrafenone (U8)									G		Must be in possession of supplemental label.
Zampro® (12/0)	ametoctradin (45), dimethomorph (40)					G			G			See label for directions for at planting drench.
Zing® (12/0)	zoxamide (22), chlorothalonil (M)	G	G			F						

<sup>1</sup>Fungicide rating code: G=good. F=fair. P=poor. S=suppression only. ID=labeled, but insufficient data to allow rating. Based on research and experience of the authors.

<sup>2</sup>REI (re-entry interval) in hours: do not enter or allow workers to enter areas treated during the REI period. PHI (pre-harvest interval) in days: the minimum time that must pass between the last pesticide application and crop harvest.