

Cantaloupe and Watermelon fungicide schedule October 2020 - Note that systemic products are recommended at or right before lay-by. Products in systemic list A and B should be applied together or with a contact product to control both gummy stem blight and anthracnose. Products in list C are recommended for the control of both diseases and don't need to be mixed. Products for Phytophthora blight (list D), if needed, should be started when watermelon fruit are at softball stage. Powdery mildew is normally a cantaloupe problem. Intervals between applications will range from 7-14 days depending on weather, MELCAST use. See *Midwest Vegetable Production Guide* (ID-56). Alternate FRAC (MOA) codes. Numbers after products: (REI/PHI-FRAC code).

Stage	General
Vine touch	Apply contact fungicides by first vine touch within a row. Start with chlorothalonil products.
Flowering	
Lay-by	Systemic from list A, B or C
Fruit set	Watermelon-systemic from list D; cantaloupe systemic from list E 10-14 days before fruit set.
Fruit maturity	Continue systemics from list A, B or C. Alternate systemics with contact fungicides or systemics with different FRAC code. Apply systemics from list D and E when crop is threatened. Chlorothalonil products may increase sunburn of mature fruit if poor canopy/hot weather.
Harvest	Continue alternating systemics and contacts. Note PHIs of fungicides.

Contact-group M	Comment
chlorothalonil (12/0-M)	Use with care on mature watermelon fruit
mancozeb (24/5-M)	Note PHI
copper (24/0-M)	Use for bacterial fruit blotch at first flowering.

Systemic list A-gummy stem blight	Systemic list B-anthracnose	Systemic list C-anthracnose & gummy stem blight
Inspire Super (12/7-3, 9)	Cabrio (12/0-11)	Quadris Top (12/1-11, 3)
Monsoon, Onset, Toledo, Vibe (12/7-3)	Luna Sensation (12/0-11, 7)	
Luna Experience (12/7-7, 3)	Merivon (12/0-7, 11)	
Miravis Prime (12/1-7,12)	Pristine (12/0-7, 11)	
Switch 62.5 WB (12/1-9, 12)	Quadris (4/1-11)	
	Quadris Opti (12/1-11, M)	
	Topsin M (12/0-1)	

Systemic list D-Phytophthora blight	Comments
Agri-Fos, Phostrol, Prophyte, Rampart (4/0-33)	Apply to watermelon at softball stage. Actigard applied to manage angular leaf spot or bacterial fruit blotch may help to lessen severity of Phytophthora blight.
Forum (12/0-40)	
Actigard (12/0 – P01)	
Elumin (12/2 – 22)	
Orondis Ridomil Gold SL (48/5 – U15-4)	May be available as a co-pack. Do not follow soil application of Orondis with foliar application.
Orondis Ultra (4/0-U15, 40)	
Ranman (12/0-21)	
Revus (4/0-40)	
Presidio (12/2-43)	
Zampro (12/0-45,40)	

Systemic list E-powdery mildew	Comments
Aprovia Top (12/0-3, 7)	Also on list A, B.
Fontelis (12/1-7)	
Gatten (12/0-U13)	
Luna Experience (12/7-7, 3)	Also on list A
Procure (12/0-3)	
Quintec (12/3-13)	Contact product.
Rally (24/0-3)	
Torino (12/0-U6)	
Inspire Super 12/7-3, 9)	Also on list C
Vivando (12/0-U8)	

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