Cantaloupe Fungicide Spray Programs 2019

Bhabesh Dutta
Extension Vegetable Pathologist – University of Georgia

As with most crops, disease management begins prior to planting the crop to be protected. By using such methods as disease-free seed and transplants, proper rotation, discing and plowing, and use of resistant varieties, growers can minimize the amount of disease that is available to attack their crop. Using many practices takes all the weight off of any on practice and gives growers more disease management options at lower risk. Once plants are in the field, however, fungicide sprays are relied on heavily for effective and economical management of plant diseases. This spray guide is designed to encompass many diseases that attack cantaloupe during the growing season(s) in Georgia.

Spray Schedule = Start 1 week after transplanting, then use 7 day schedule if raining once a week.

Spri		Fall	
Spray No.	Fungicide(s)/disease activity	Spray No.	Fungicide(s)/disease activity
1.	Chlorothalonil/GSB copper at lowest labeled rate[1]/BFB	1.	Chlorothalonil + Proline[2]/GSB copper at lowest labeled rate[1]/BFB Ranman, or Elumin or Ariston/DOW
2.	Chlorothalonil/GSB copper at lowest labeled rate[1]/BFB	2.	Chlorothalonil/GSB copper at lowest labeled rate[1]/BFB Orondis (soil app), Presidio or Revus/ PCAP
3.	Chlorothalonil/GSB copper at lowest labeled rate[1]/BFB	3.	Chlorothalonil + Miravis Prime or Inspire Super or Aprovia top/GSB; copper at lowest labeled rate[1]/BFB; Ranman or Previcur flex or Curzate/DOW
4.	Miravis Prime or Proline or Inspire Super or Aprovia top/GSB; Orondis (soil app), Presidio or Revus/ PCAP; Ranman or Previcur flex, or Curzate/DOW	4.	Chlorothalonil/GSB Orondis (soil app) or Presidio or Revus/ PCAP; Ranman or Elumin or Curzate/DOW
5.	Chlorothalonil + Luna Experience/GSB; Quintec or Gatten or Proline or Procure/POW; Elumin (soil app) or Presidio or Revus / PCAP; Ranman or Ariston or Previcur flex or Curzate/DOW	5.	Chlorothalonil + Miravis Prime or Proline or Aprovia top/GSB; Quintec or Gatten or Torino or Procure/POW; Presidio or Revus / PCAP; Ranman or Previcur flex, or Curzate/DOW
6.	Miravis Prime or Proline or Inspire Super or Aprovia top/GSB; Quintec or Torino or Gatten or Proline or Procure/POW; Orondis (soil app) or Presidio or Revus/ PCAP	6.	Chlorothalonil + Aprovia Top/GSB; Quintec or Torino or Procure/POW; Presidio or Revus/ PCAP; Ranman or Previcur flex or Curzate/DOW
7.	Ariston or Ranman or Previcur flex or Curzate/DOW	7.	
8[3].	Chlorothalonil + Luna Experience/GSB; Quintec, Torino, Proline or Procure/POW; Elumin (soil app) or Presidio or Revus/ PCAP; Ranman, Zampro, or Curzate/DOW		
	Chlorothalonil/GSB; Quintec or Gatten or Proline/POW; Orondis (soil app) or Presidio or Revus/ PCAP; Ranman or Previcur flex or Curzate/DOW		

[1] Copper is used prior to fruit set at lowest labeled rate if bacterial fruit blotch is an issue.
[2] Proline should be used at 5.7 fl oz when sprayed each time.

[3] Be mindful of preharvest intervals (PHIs) for later sprays as many may have a 7-14 day PHI.

Disease Acronyms: BFB = bacterial fruit blotch; GSB = gummy stem blight; POW = powdery mildew; DOW = downy mildew; ANTH = anthracnose; PCAP = Phytophthora crown and fruit rot.

Always read the label for detailed application instructions or consult the Georgia Pest Control Handbook.