

Cucumber Fungicide Spray Programs 2014

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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 one practice and gives growers more disease management options at a 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 cucumber during the growing season(s) in Georgia and is not intended to be followed literally but to give an idea of the chronology of disease pressure in relation to fungicide choice. Each field in each year has different situations that call for different actions.

Spray Schedule = 7 day

Spring		Fall	
Spray No.	Fungicide(s)/disease activity	Spray No.	Fungicide(s)/disease activity
1.	Chlorothalonil ¹ or mancozeb/DOW + ANTH + GSB	1.	Cabrio/ANTH Presidio/Ranman/Zampro/Revus/DOW + PCAP
2.	Chlorothalonil or mancozeb/DOW + ANTH + GSB		Chlorothalonil or mancozeb/ANTH + DOW + GSB
3.	Chlorothalonil or mancozeb/DOW + ANTH + GSB	2.	Topsin + mancozeb/ANTH + DOW Presidio/Ranman/Zampro/Revus/DOW + PCAP
4.	Quadris + Tebuconazole/RHIZ + ANTH + GSB		Chlorothalonil or mancozeb/ANTH + DOW + GSB
5.	Presidio/Ranman/Zampro/Revus/DOW + PCAP Chlorothalonil or mancozeb/ANTH + DOW + GSB	3.	Cabrio/ANTH Presidio/Ranman/Zampro/Revus/DOW + PCAP
6.	Tebuconazole ² + chlorothalonil/RHIZ + GSB + DOW Presidio/Ranman/Zampro/Revus/DOW + PCAP Chlorothalonil or mancozeb/ANTH + DOW + GSB		Chlorothalonil or mancozeb/ANTH + DOW + GSB
7.	Presidio/Ranman/Zampro/Revus/DOW + PCAP Chlorothalonil/ANTH + DOW + GSB	4.	Tebuconazole + chlorothalonil/RHIZ + GSB + DOW Presidio/Ranman/Zampro/Revus/DOW + PCAP
8.	Cabrio or Topsin/ANTH Presidio/Ranman/Zampro/Revus/DOW + PCAP Chlorothalonil/ANTH + DOW + GSB	5.	Quadris/RHIZ + ANTH Presidio/Ranman/Zampro/Revus/DOW + PCAP Chlorothalonil or mancozeb/ANTH + DOW + GSB
		6.	Cabrio or Topsin/ANTH Presidio/Ranman/Zampro/Revus/DOW + PCAP Chlorothalonil or mancozeb/ANTH + DOW + GSB
		7.	Tebuconazole + chlorothalonil/RHIZ + GSB + DOW Presidio/Ranman/Zampro/Revus/DOW + PCAP Chlorothalonil or mancozeb/ANTH + DOW + GSB
		8.	Presidio/Ranman/Zampro/Revus/DOW + PCAP Chlorothalonil/ANTH + DOW + GSB

¹ Chlorothalonil (Bravo, Echo, Equus, etc...).

² Tebuconazole should be used at 8.0 fl oz when sprayed each time with a seasonal limit of 24 fl oz.

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

Disease Acronyms: GSB = gummy stem blight; RHIZ=Rhizoctonia belly rot; DOW = downy mildew; ANTH = anthracnose; PCAP = Phytophthora crown and fruit rot.