

**Onion Fungicide Spray Programs 2019-20**  
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The effective management of onion diseases begins prior to planting. By using integrated methods such as disease-free seed and transplants, proper crop rotation, disking and deep ploughing of plant debris, and use of resistant varieties, growers can minimize the amount of disease epidemic by either reducing the amount of initial inoculum or the rate of disease development. Integrated use of management practices reduces the weight on individual management option and provides growers disease management options at lower risk. Chemical management using fungicides should be the last resort after using the other management options. Most of the fungicides are effective when used as protectants, only handful of fungicides have curative actions.

**Spray Schedule = 7 day**

Spray No.	<sup>1</sup> Fungicide(s)/target disease
Two weeks after transplanting	Overhead drench application of Fontelis/RHIZ, WM, PR + Copper fungicide (foliar pathogens)
1	<sup>2</sup> Chlorothalonil/BNR, BLB, PB/ BLB, PB
2	Pristine or Merivon or Fontelis/BLB, BNR, SLB, PB
3	Chlorothalonil/BNR, BLB, PB/ BLB, PB
4	Pristine or Merivon or Fontelis or Scala/BLB, BNR, SLB, PB; (Scala do not have activity against SLB)
5	Chlorothalonil/BNR, BLB, PB/ BLB, PB
6	Pristine or Merivon or Fontelis/BLB, BNR, SLB, PB
7	Chlorothalonil/BNR, BLB, PB/ BLB, PB
8	Scala or Luna tranquility or Inspire super or Omega 500 or Miravis Prime or Switch or Zing!/BLB, BNR, SLB, PB (Omega 500 and Scala do not have SLB activity)
9	Chlorothalonil/BNR, BLB, PB + ManKocide or Kocide or Nordox (bacterial diseases)
10	Scala or Luna tranquility or Inspire super or Omega 500 or Miravis Prime or Switch/BLB, BNR, SLB, PB (Omega 500 and Scala do not have SLB activity)
11	Chlorothalonil/BNR, BLB, PB + ManKocide or Kocide or Nordox (bacterial diseases)
12	Scala or Luna tranquility or Inspire super or Omega 500 or Miravis Prime or Switch/BLB, BNR, SLB, PB (Omega 500 and Scala do not have SLB activity)
13	Chlorothalonil/BNR, BLB, PB + ManKocide or Kocide or Nordox (bacterial diseases)

14	Scala or Luna tranquility or Inspire super or Omega 500 or Quadris top or Switch or Zing!/BLB, BNR, SLB, PB (Omega 500 and Scala do not have SLB activity)
15	Chlorothalonil/BNR, BLB, PB + ManKocide or Kocide or Nordox (bacterial diseases)
16	Scala or Luna tranquility or Inspire super or Omega 500 or Miravis Primer or Switch/BLB, BNR, SLB, PB (Omega 500 and Scala do not have SLB activity)

The fungicide spray for **downy mildew (DM)** will be based on a forecasting model. Alerts for the DM spray will be communicated by the Vidalia Onion and Vegetable Research Center and the UGA, Tifton. **Fungicides with some degree of efficacy on DM are: Zampro, Orondis Ultra, Omega 500 and Chlorothalonil.**

<sup>1</sup>Please use the labeled rate of recommended fungicide. Rotate fungicides for good disease control.

<sup>2</sup>Chlorothalonil (Bravo, Echo, Equus etc)

Disease acronyms: BNR=Botrytis neck rot; BLB=Botrytis leaf blight; PB=Purple blotch; RHIZ=Rhizoctonia root rot; WM=White mold; PR=Pink root; SLB=Stemphylium leaf blight;