

Commercial Pecan Disease Control Guide

Steve Bost, Professor
Entomology and Plant Pathology

Time of Application	Disease	Product Choices	Rate/acre	Remarks
First Prepollination When first buds have opened.	Scab, downy spot	Abound 2F or Enable 2F or Headline 2F or propiconazole 3.6F or Quadris Top or Quash 50WG or Quilt 1.66F or Sovran 50WG or Stratego 2F or Super Tin 80WP or tebuconazole 3.6F or Topsin M 70WP	12 fl oz/acre 8 fl oz/acre 6-7 fl oz/acre 4-8 fl oz 10-14 fl oz 2.5-3.5 oz 14-27.5 fl oz 2.4-3.2 oz/acre 10 fl oz/acre 5-7.5 oz/acre 4-8 fl oz/acre 1 lb/acre	Do not make more than 2 consecutive applications of Abound, Headline, Stratego, or Sovran before alternating to a non-strobilurin fungicide. Topsin M should be alternated with other fungicides. Note: No dodine products are currently registered in Tennessee.
Second Prepollination 14 days after First Prepollination spray	Scab, downy spot	Same fungicides as above.		The first two sprays are very important for scab control.
First Cover Spray When young nuts first appear.	Scab, downy spot	Same fungicides as above.		If using Sovran, the rate increases to 3.2-4.8 oz.
Second Cover Spray 2 to 3 weeks after first cover spray.	Scab, leaf blotch, brown leaf spot, powdery mildew	Same fungicides as above.		Sulfur (3 lb per acre) can be added to most fungicides for improved powdery mildew control.
Third Cover Spray 2 to 3 weeks after second cover spray.	Scab, leaf blotch, brown leaf spot, powdery mildew	Same fungicides as above.		Apply cover sprays at 2-week intervals in rainy weather, 3-week intervals if dry conditions exist.
Fourth Cover Spray 2 to 3 weeks after third cover spray.	Same as third cover spray.	Same fungicides as above.		
Fifth Cover Spray 2 to 3 weeks after fourth cover spray.	Same as third cover spray.	Same fungicides as above.		
Sixth Cover Spray 2 to 3 weeks after fifth cover spray.	Same as third cover spray.	Same fungicides as above.		Do not apply fungicides after shucks have started to open.