

SOYBEAN – FOLIAR DISEASES (continued)

Disease	Fungicide	Active Ingredient	FRAC Code*	Rate/Acre	Days to Harvest	Comments
Soybean Rust (<i>cont.</i>)	Stratego	trifloxystrobin + propiconazole	11 + 3	10 fl oz	21 days	
	Stratego YLD	prothioconazole + trifloxystrobin	3 + 11	4 - 4.65 fl oz	21 days	
	Quilt	azoxystrobin + propiconazole	11 + 3	14 - 20.5 fl oz	21 days	
	Quilt Xcel	azoxystrobin + propiconazole	11 + 3	14 - 21 fl oz	See label.	
	Tilt, or AmTide Propiconazole	propiconazole	3	4 - 6 fl oz	See label.	
	41.8EC, or Propiconazole E AG	propiconazole	3	4 - 6 fl oz	See label.	
	41.8EC, or Bumper	propiconazole	3	4 - 6 fl oz	See label.	
	Evito-T	fluoxastrobin + tebuconazole	11 + 3	4 - 6 fl oz	See label.	
Topguard	flutriafol	3	7 - 14 fl oz	See label.		

* **FRAC Code** – Fungicides with the same FRAC Code have the same mode of action. See <http://www.frac.info/frac/index.htm> for an explanation of the FRAC Codes. Rotation of fungicides with different FRAC Codes could minimize the development of fungicide-resistant strains.

** Use for control of aerial blight is based on other states' data.

NOTE: There is little or no recent information on the economic value of foliar fungicides on today's soybean varieties in Arkansas. An economic return is more likely on high-value (seed) beans or fields with high yield potential (>40 bu/A) or high-yielding irrigated fields with a history of disease problems (under pivots that encourage foliar diseases or in rotations that encourage aerial blight).

SOYBEAN NEMATODES

Terry Kirkpatrick and Cliff Coker

Nematode	Nematicide	Formulation	Active Ingredient	Rate/Acre	Comments
Soybean Cyst, Root Knot and Reniform	Telone II ¹	Liquid	1,3-dichloropropene	3 - 6 gal	Inject 12 inches below planting depth and seal immediately with appropriate bedding equipment. Wait 7 - 14 days before planting.
	K-Pam or Vapam ¹	Liquid	potassium N - methylthiocarbamate or sodium methylthiocarbamate	See label.	Inject 12 inches below planting depth and seal immediately 14 - 21 days before planting.
	Avicta 500 FS	Seed treatment	abamectin	See label.	For use by commercial seed treaters only. Use in conjunction with moderately resistant cultivars.
	Poncho/Votivo	Liquid	clothianidin + <i>Bacillus firmus</i> I-1582	0.13 mg ai/seed	Commercial seed treatment equipment only.

¹Use where nematode pressure is severe.

RESTRICTED USE PESTICIDES – For sale and use only by licensed/certified applicators or persons under their direct supervision. **These are dangerous pesticides – use caution in handling and read and follow current label directions.** If nematodes are suspected to be causing problems, a diagnostic soil sample should be taken to your county agent for submission to the Cooperative Extension Service Nematode Diagnostic Laboratory. **A small fee is required.**

NOTE: The economic value of using nematicides on Arkansas soybeans is sometimes questionable. The value of soybeans in today's market must be considered. Planting resistant varieties or using crop rotation offers more economical control.