

## **SOYBEAN RUST** Confirmed in **Ashley, Drew, And Desha** **Counties**

Soybean rust was confirmed in three producer fields in Ashley, Drew and Desha Counties. All three fields had very low levels of active soybean rust at an estimated 1% incidence (1 out of 100 leaves showing symptoms) and seem to be developing slowly. For the most part, soybean rust will not be a problem in a majority of our acreage due to the late arrival of soybean rust in the state. Unfortunately, we do estimate that we still have about 200,000 acres that could be impacted by soybean rust, if cloudy and rainy conditions persist over the next two weeks.

So what do we recommend? **We are NOT recommending a blanket application of a fungicide for the state.** At this time, St. Francis County is at moderate risk for soybean rust, but could change if Hurricane Ike remnants decide to visit Arkansas.

Please scout your soybeans and send in samples, if you have suspicious fields. Before you apply a fungicide, we recommend you consider a few things first:

1. Are you within a couple of counties from the confirmed locations?
  - a. Yes --- you are a higher risk
  - b. No --- you have a little more time to make a decision
2. Have you scouted your soybeans?
3. What growth stage are your soybeans?
  - a. R-1 to Early R-5 are at more risk
  - b. Mid R-5 to R-8---you will more than likely outrun yield impacts
4. Yield potential of your soybean crop?
  - a. SBR control may not be economical if Yield potential of less than 25 bushels per acre (depends on what you have in your crop to date)
5. What fungicide/fungicide combination do I use if I need to make an application?
  - a. Soybean fields that are at Growth Stage R-1 to R-4 should be sprayed with a combination of a strobilurin and a triazole fungicide.
  - b. If soybeans are currently between Growth Stage late R-4 to R-6, an application of a triazole alone should be applied.
  - c. **See table for a list of labeled fungicides and their relative effectiveness against soybean rust.**
  - d. Soybean fields that are currently at or beyond Growth Stage R-6 are no longer vulnerable and should not be sprayed.

We will continue to scout kudzu patches, soybean sentinel plots, and soybean fields

throughout the state and will update everyone as soon as we have new information. **We also need your help over the next few weeks!!!** We encourage consultants and growers to send in samples (at least 100 leaves), if you think you have soybean rust.

Please pay attention to the updated fungicide list; for we have made a few new corrections. Below, is the updated version of the available soybean rust fungicides. **READ AND FOLLOW ALL LABELS.** The Soybean Rust Hotline is continually updated with information about the latest rust finds. The number is 1-866-641-1847. If you have any questions or concerns, please contact us at the St. Francis County Extension Service, 870-261-1730.

Table 1. Available Fungicides for Soybeans				
FUNGICIDE	TYPE	CHEMISTRY	LABELED	RATES
<u>Quadris</u>	P	strobilurin	YES (FULL)	6.0 – 15.5 OZ
<u>Headline</u>	P	strobilurin	YES (FULL)	6 – 12 OZ
<u>Stratego</u>	P	strob + triaz	YES (Full)	10 OZ
Folicur	P/C	triazole	YES (Full)	3 – 4 OZ
Uppercut	P/C	triazole	Section 18 Expired	3 – 4 OZ
Alto	P/C	triazole	YES (18) (Section 3 registration in 2008)	4 OZ
Caramba	P/C	triazole	YES (18)	8.2 – 9.6 OZ
Laredo	P/C	triazole	YES (Full)	4 – 8 OZ
Topguard	P/C	triazole	YES (18)	7.0 OZ
Domark	P/C	triazole	YES (Full)	4 – 5 OZ
Punch	P/C	triazole	YES (18)	3 – 4 OZ
ProLine	P/C	triazole	YES (Full)	2.5 – 3 OZ
<b>*Quilt</b>	P/C	strob + triaz	YES (Full)	14 – 20.5 OZ
<b>*Stratego</b>	P/C	strob + triaz	YES (Full)	10 OZ
<b>*Tilt</b>	P/C	triazole	YES (18)	4 – 8 OZ
<b>*PropiMax</b>	P/C	triazole	Not Available for SBR	4 – 8 OZ
<b>*Bumper</b>	P/C	triazole	YES (18)	4 – 8 OZ
<b>*Bravo, Echo, Equis</b>	P	chlorothalonil	YES	1.5 – 2.25 PTS

Headline, Quadris, and Stratego are Preventative treatment only for SBR (Underlined).

***\*Italicized, and Bold*** fungicides are Not as effective on Soybean Rust compared to other triazoles in list.

**Table 2. Recommended Fungicide Mixtures for Soybean Rust and Other Foliar Diseases**

		<b>Recommended triazoles</b>		
Quadris or Headline	6.0 oz  6.0 oz	+	Folicur	4.0 oz
			or	
			Laredo	5.0 oz
			or	
			Domark	5.0 oz
			or	
			Topguard	7.0 oz
			or	
			Punch	3.0 oz
or				
Alto	4.0 oz			
or				
Caramba	6.1 oz			
Stratego	10.0 oz	+	ProLine	1.0 oz
Quilt	14.0 oz	+	Alto	2.0 oz

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