

Soybean Rust Now Confirmed In 10 Counties In The Southeast

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Soybean rust was confirmed in producer fields in Lee, Monroe, and Prairie Counties today. All three fields had very low levels of active soybean rust at an estimated 1 percent incidence (1 out of 100 leaves showing symptoms) and

seem to be developing slowly. This remains the situation at all of the confirmed locations. 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 a very small percentage of our acreage could be impacted by soybean rust. With soybean rust being found in more fields and counties throughout the delta this week, we are changing our recommendations slightly.

- 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.
- If soybeans are currently between Growth Stage late R-4 to R-6, an application of a triazole alone should be applied.
- See table for a list of labeled fungicides and their relative effectiveness against soybean rust.**
- 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!!!** I would like to ask county agents to send in samples to the diagnostic lab at Lonoke. I would also 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. On the right, I have provided 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 that number is 1-866-641-1847. If you have any questions or concerns please contact Dr. Scott Monfort (870-

- Drew: 3 soybean fields and 1 kudzu patch
 Desha: 4 soybean fields
 Chicot: 2 soybean fields
 Ashley: 2 soybean fields
 Lincoln: 2 soybean fields
 Jefferson: 2 soybean fields
 Phillips: 2 soybean fields
 Lee: 1 soybean field
 Monroe: 1 soybean field
 Prairie: 1 soybean field

So what do we recommend? **We are recom-**

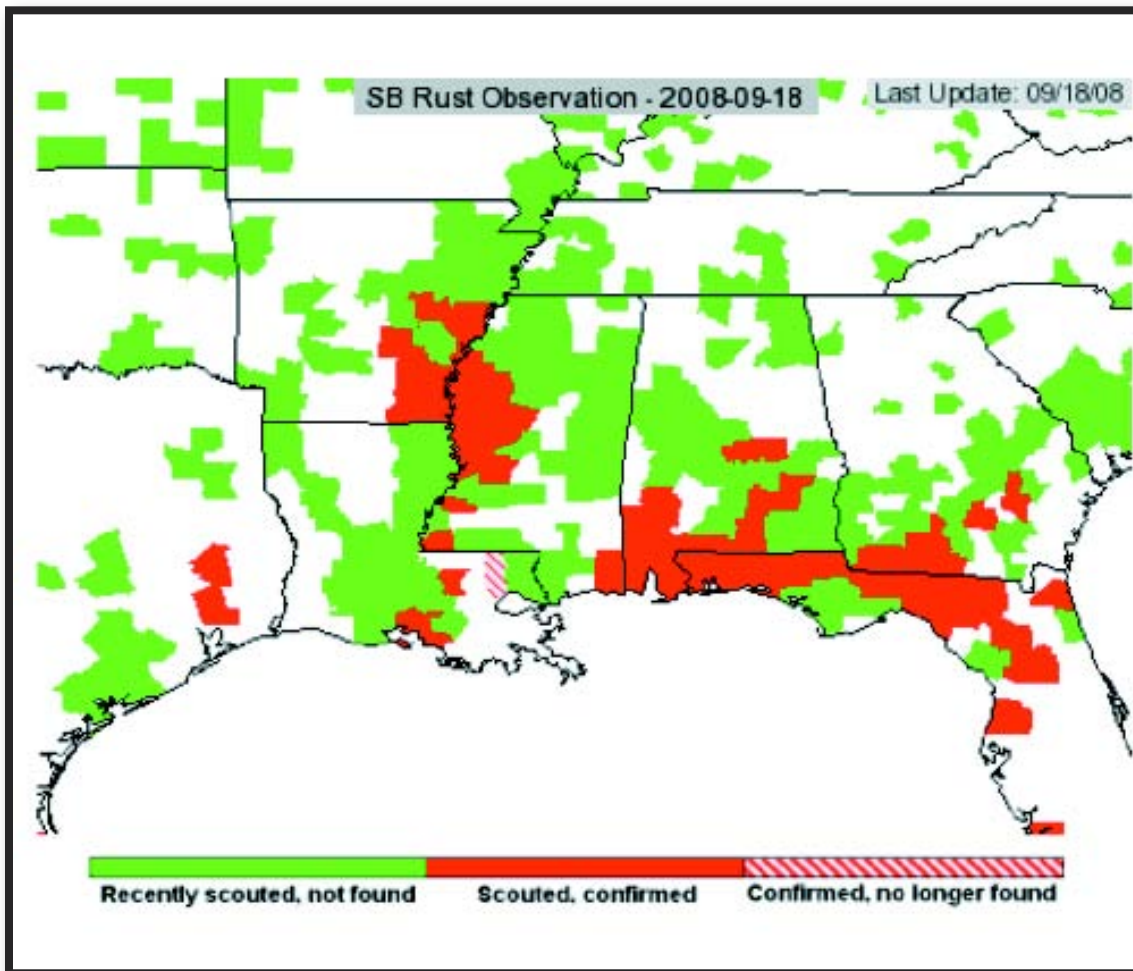


Table 1. Available Fungicides for Soybeans

FUNGICIDE	TYPE	CHEMISTRY	LABELED	RATES
<u>Quadris</u>	P	strobilurin	YES (Full)	8.0 – 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 – 9.8 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
<u>Quilt</u>	P/C	strob + triaz	YES (Full)	14 – 20.5 OZ
<u>Stratego</u>	P/C	strob + triaz	YES (Full)	10 OZ
<u>Tilt</u>	P/C	triazole	YES (18)	4 – 8 OZ
<u>PropiMax</u>	P/C	triazole	Not Available for SBR	4 – 8 OZ
<u>Bumper</u>	P/C	triazole	YES (18)	4 – 8 OZ
<u>Bravo, Echo, Equis</u>	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.

mending soybeans at growth stages R1 to Early R5 (Early R5 = soybeans fields with pods in the top 4 nodes having 1/8 inch or smaller beans) to be treated with a fungicide. With the disease still at very low levels, soybeans at growth stages later than early R5 should outrun the development and damage of Soybean Rust.

At this time, the south central and southeast part of the state is at more risk than the rest of the state and should be the primary area considering applying a fungicide. This could change in the next few days as we continue to scout the other regions of the state.

Please evaluate your fields and answer the following questions before making a fungicide application:

- Are you within a couple of counties from the confirmed locations?
 - Yes – you are a higher risk
 - No – you have a little more time to make a decision
- Have you scouted your soybeans?
- What growth stage are your soybeans?
 - R1 to Early R5 are at more risk
 - Mid R5 to R8 – you will more than likely outrun yield impacts
- Yield potential of your soybean crop?
 - 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)
- What fungicide/fungicide combination do I use if I need to make an application?

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

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

659-0648), Dr. Jeremy Ross (501-944-0621), or Amy Carroll (870-258-2509). Δ

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