

SOYBEAN RUST NEWSNOTE

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NATIONAL RUST NEWS:

The big news for the last week is that rust has been found near Suffolk, Virginia and in Bertie, Johnston, Robeson and Washington Counties in North Carolina. These fields are near senescence and rust does not appear to be a serious threat to the soybean crop in either state. As you would assume they are ahead of us as far as crop maturity. Rust continues to be active in the Mid-South along the Lower Mississippi River Valley. Their crop is maturing rapidly and rust losses are still minimal where growers have sprayed with fungicides. Unsprayed fields are defoliating noticeably faster according to my counterparts in Arkansas.

Rust has been found this year on soybeans in AL, AR, FL, GA, IN, KY, LA, MO, MS, NC, OK, SC, TN and Virginia.

SOUTH CAROLINA RUST NEWS:

Rust was found this last week for the first times in Bamberg, Calhoun, and Hampton Counties:

Rust was found on 2/50 leaves collected at a site in Bamberg County by Joe Varn. The first leaf had a cluster of 10 to 15 pustules and the second leaf had 2 small very young pustules.

Rust was found on 10/50 leaves collected at a site in Calhoun County by Charles Davis. The ten leaves all had 5 to 10 young pustules.

Rust was found on 17/50 leaves collected by Tommy Walker from a site in Hampton County. Ten of the leaves had less than 10 pustules. These were very, very young pustules, the youngest I have ever seen, just barely sporulating. The other 7 leaves had 1 to 3% of their surface area with rust.

We now have rust in Bamberg, Barnwell, Berkeley, Calhoun, Dorchester and Hampton Counties in South Carolina. This late-season spread of rust is not a threat to our soybean crop. All of these fields are in late R-5 or later in maturity.

We may have some premature defoliation in a few fields that were not treated with a fungicide, but it is too late for this to hurt all but the very latest maturing soybeans now.

Based on Mark's forecast below we will have weather that is very favorable for rust to develop on our late maturing soybean crop for the next week. If these soybeans are still in R-5 you may want to spray with a Folicur-type product (<\$3.00/acre for the chemical) just for the rust. If they have entered R-6 it is too late to spray a fungicide. However, at that growth stage we should not see much yield loss either.

SOYBEAN SAMPLES EXAMINED IN THE LAST WEEK:

(F.Y.I. once we find rust in a county and do a 1-week follow-up sample we discontinue sampling that site)

Bamberg County: MG VII: R-5, 50 leaves, 2 with rust

Barnwell County 2: MG VII: R-5.5, 47/100 leaves with rust

(This field is irrigated twice a week and has not been sprayed with a fungicide).

Calhoun: MG VII: R-6, 50 leaves 10 with rust

Colleton County 2: MG VII: R 5.3, 50 leaves, no rust

Hampton County: MG V: R-6, 50 leaves 17 with rust

Newberry County: MG VIII:, R-5, 50 leaves, no rust

KUDZU SAMPLES

Bamberg County: 25 leaves, no rust

WEATHER FORECAST FROM MARK MALSICK:

Busy weather week ahead. Rain showers continue Monday and linger though mid-day Tuesday. High temperatures Monday and Tuesday will only be in the upper 50s. Clearing will be slow with rainshowers persisting east I-95 Tuesday with the best chance for continued rain along the coast. Wednesday, mostly cloudy with afternoon rainshowers and a few embedded weak thunderstorms. Temperatures Wednesday reach the mid-80s.

Quick clearing early Thursday with clear skies Thursday and Friday with high temperatures near 85 degrees. A cold front sweeps across the State Saturday bringing another round of rainshowers. Timing of this front appears to bring rain in during the afternoon. This front stalls late Saturday and persists into Sunday extending the continued chance for cloudy skies and rainshowers Sunday with slow clearing by noon Monday. Relative humidity values remain above 55% for most of the week, dropping briefly to 45% Thursday. The Tropics remain very quiet this week with only a small chance for tropical storm development although the large scale pattern would steer any developing storm into the Caribbean.

Extensive national updates on Asian Soybean Rust are available again this year at <http://sbr.ipmpipe.org/>

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