

### Rice Research Verification Program Update – July 12, 2019

**General:**

By Ralph Mazzanti and Ron Baker:

In the south, the Jefferson County field has reached 50% heading stage. Stink bugs are building rapidly with first heads popping. Sheath blight is also building in some fields yet has not reached threshold levels. As of now, none of the fields have met the qualifications for smut prevention treatment. Desha and Lincoln have been sprayed, fertilized and are now flooded.

In the north, as we've reached high temperatures and canopy close, sheath blight is confirmed in several fields yet is well below treatment thresholds so far. Randolph will be the first field to head having reached late boot early in the week.

| County     | Cultivar         | Stage                  | Additional Agronomic Details   |
|------------|------------------|------------------------|--|
| Arkansas   | Diamond          | 2.5" IE                | Field has a few weed escapes, water management has been a struggle on east side of the field. The 3.2" rainfall last week helped with more on the way.     |
| Chicot     | RT Gemini 214 CL | 1" IE                  | The field is fairly clean. The field is still behind DD-50 in terms of maturity. More rain, clouds and overcast weather on the way.                        |
| Craighead  | RT XP753         | Early Boot             | Scans show N levels continue to remain very good without additional urea. Field is progressing normally with timely rains and irrigations.                 |
| Crittenden | Diamond          | 2" IE                  | 40 acres progressing normally; 100 lbs urea applied to remaining 11 acres that tested low for nitrogen. Flood is adequate.                                 |
| Desha      | CL XL 745        | 3 <sup>rd</sup> Tiller | Field has been sprayed, fertilized and flooded. Grass control seems to be fair so far.   |
| Jackson    | Diamond          | Early Boot             | Field continues to progress normally under adequate flood. No positive Sheath Blight stops.  |
| Jefferson  | Diamond          | 50% Heading            | Field has some positive stops for sheath blight yet not at threshold levels. Stink bugs are building rapidly. The field is very clean with adequate flood. |
| Lawrence   | RT XP753         | Mid Boot               | Field continues to progress normally under adequate flood. Sheath Blight infection level is very low.  |
| Lee        | Diamond          | 1" IE                  | Field is progressing well with good color. Sheath blight is not at threshold levels.   |
| Lincoln    | RT Gemini 214 CL | 3 <sup>rd</sup> Tiller | Grass control is probably at 90% with some escapes. The field has greened up from herbicide burn and is now flooded.                                       |
| Lonoke     | RT XP753         | 1" IE                  | Field is clean, progressing well with good flood depth. Sheath blight is not at threshold.   |
| Monroe     | RT XP753         | Late Boot              | Late boot fertilizer application is scheduled applying 70 lbs. urea.   |
| Randolph   | RT CLXP4534      | Late Boot              | Field continues to progress normally under adequate flood. Sheath Blight infection level is very low.  |
| White      | RT XP753         | ½" IE                  | Field remains clean and growing well.  |
| Woodruff   | Diamond          | 2.5" IE                | Field continues to progress normally under adequate flood. Sheath Blight infection level is very low.  |