
Rice Research Verification Update

Northern fields: Stewart Runsick

Many of the northern verification fields are now 10 days behind the DD50. Cool cloudy conditions have delayed growth and development. Sheath blight has not been as active the past week as it was a couple of weeks ago. Below is a summary of the fields.

Clay County – The predicted 50% heading date was 8/5. The rice is very early boot stage. After the field reaches full boot, 70 lb/acre of urea will be applied. The field looks excellent.

Crittenden County – The rice in this field is about 20% heading. Recommendation: 19 oz/acre of Stratego for blast and sheath blight control.

Cross County – 6.5 oz/acre of Quadris was applied at 50% heading for control of sheath blight. The field is now 100% headed. Stink bug numbers averaged 3 per 10 sweeps. Recommendation: continue scouting.

Jackson County – The field is completely headed. Stink bug numbers last week averaged 1 per 10 sweeps. Recommendation: continue scouting.

Lawrence County – The predicted 50% heading date is 8/10. The field is not even to boot yet. We will schedule 70 lb/acre of urea at full boot. The field is dark green and looks excellent.

Lonoke County – Stink bug numbers have remained below treatment level in this field. We should be able to safely drain the field this week. Hail damage is evident, but not as bad as I first feared.

Mississippi County – This field continues to look better each week. The pre-flood urea was streaked and the rice is heading in the areas that received the least nitrogen. Nitrogen delays maturity. We will scout for stink bugs after the field heads. The boot nitrogen application was applied at full boot. The field was sprayed with Clincher for control of amazon sprangletop. The herbicide did a good job of at least suppression. The rice is now ahead of it. RiceStar was applied early, but due to a sprayer malfunction, 100% control was not achieved. I did find a little sheath blight, but it is still at the water line and not progressing up the plants. No need to treat the field with a fungicide.

Poinsett County (North) – The thin areas in this field are still short and thin. The double drilled areas look like Wells is supposed to look. I hope this one surprises me. Propiconazole will be applied for the prevention of kernel smut. An untreated strip will be left in the field to see if the treatment was necessary. The field has a history of smut. The only sheath blight is around the edge of the field and in the double drilled areas.

Poinsett County (South) – No sheath blight is present. The field is also behind. Predicted 50% heading was 7/28.

Prairie County – The rice is in boot stage. 50% heading was predicted for 7/23. There is a little sheath blight still low. Treatment should not be necessary. There are a couple of areas in this field that looked like needed more nitrogen, however, we did not think it would pay to do the entire field again. Already have 180 units which should be plenty.

Randolph County – This field looks really good. The application of Stratego shut down the sheath blight. The field is heading and we will scout for stink bugs this week.

White County – The rice started to yellow up in areas last week. Went ahead and put out the mid season nitrogen early, about 7 days prior to boot. We decided to split the difference and put out one application on N instead of splitting it. This field is behind also, but just could not wait 2 weeks. It took a long time to get the field flooded. Even with Agrotain, I feel like we lost a little nitrogen in some areas. The field is 90 acres and the majority of it looks good.

Southern Fields: Ralph Mazzanti

The overcast cloudy and cool weather has continued to delay maturity threatening yields in a late planted rice crop. Many fields are 7-10 days behind the DD-50. Below is a summary of the fields.

Lee County- This field of Jupiter was sprayed with 19 oz Stratego which so far has stopped progression of sheath blight. The field is at 80% panicle emergence and weed free. Rainfall amount this past week was 2” and year to date 25.4”.

Prairie County- This field of Cheniere has been sprayed with 1-19 Stratego for sheath blight and 1-80 of Karate for stink bugs. Red rice is abundant in spots. Rainfall amount this past week was 4.6” year to date 31.3”.

Arkansas County- This field of XL 723 is uniform and fully headed. No fungicide or insecticide treatments have been necessary. Rainfall amount 4.25” Year to date 25.4”.

Ashley County- This hybrid field is 75% panicle emergence with 8 stink bugs per 10 sweeps. Recommendation: Karate 1-80. Rainfall amount 3.9” year to date 18.4”.

Chicot County- This hybrid field is at 80% panicle emergence. The stink bug counts average 10 per 10 sweeps. Recommendation: 1-80 Karate. Rainfall amount 3.2”, year to date 18.7”.

Drew County- This late planted hybrid field has struggled with weed control since emergence. Cotton emerged early next to field hindered proper chemical recommendations and timing of herbicides. The rice stage is panicle initiation at one inch. Scattered sprangletop and barnyardgrass are present. The field received 2.3” rain this past week, year to date 11”.

Desha County- This field of Wells is in the late boot to early heading stage. No treatment for sheath blight is needed at this time. The field received 3.9” rain this past week and 21” year to date.

Clark County- This field is 80% headed. Stink bugs reached treatment last week and was sprayed with karate at 1-80. The field received 7.1” rain this past week, year to date 37.2”.

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