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## **Rice Research Verification Update**

### **Northern fields: Stewart Runsick**

Sheath blight has become very active the past week. The Cross County field of Jupiter was treated with 6.5 oz/acre of Quadris. The field was just past 50% heading. With the weather conditions and the rapid growth of the sheath blight we felt we needed to protect the rice through heading. If left untreated, the disease would be blowing out the top soon in much of the field. The Randolph County field of CL 151 was also sprayed with fungicide last week. 17 oz/acre of Stratego was applied 1 week prior to boot stage. The Crittenden County field will be sprayed with 19 oz/acre of Stratego when the field reaches 20% heading. Leaf blast is present and the sheath blight is at treatment level. The Poinsett County north field on Wells will be treated for kernel smut as the field has a history of the disease. We are going to try and leave an untreated strip in this field to see if the preventative treatment was necessary. The cool weather has slowed growth and development. Fields are now a couple of days behind. The fields range from just past ½ inch i.e. to 75% heading. The Lonoke county field has headed and stink bugs are just below treatment level at this time. The hybrid fields in Clay, Lawrence, Jackson, Mississippi and White Counties are clean and free of disease. The Jackson County field is just beginning to head. The Mississippi County field will receive the boot nitrogen application. The Prairie and Poinsett County fields of Jupiter continue to grow and look better each week. The Regiment application set them back but should not result in yield loss. We will continue to scout for diseases and stink bugs as things progress.

### **Southern fields: Ralph Mazzanti**

While the rainfall was welcome, the 65 degree nights and overcast days has decreased heat units much needed for maturity. Weather conditions have been conducive for Sheath blight and stink bugs are on the increase. The Lee County field of Jupiter showed enough positive stops indicating levels for fungicide treatment. The field was sprayed with 19 oz/acre of Stratego at 25 % heading. The Arkansas County field of XL 723 is clean and at 80% heading. The Prairie County field of Cheniere indicated 35% positive stops for sheath blight and treatment levels for stink bugs. The field was sprayed with 19 oz/acre Stratego and 1 gal to 80/ acres of Karate Z. The Jefferson County row water field is showing increasing stink bugs but not at treatment level. The Lincoln County field was sprayed with 1pt/acre Ultra Blazer plus surfactant for coffeebean. The Ashley County field received late boot fertilizer application of 75 lbs. Blazer is scheduled to go out for coffeebean. The Chicot County field is clean and at full boot to early heading stage. The Drew County field has been a challenge in weed control due to

adjacent cotton and market depletion of Regiment. The field was sprayed prior to joint movement with 3.2 oz/acre Grasp plus .22/oz/acre Regiment (rate due to availability) and Dynapac surfactant. The barnyardgrass was large and half of the field is in a salvage situation. As of Thursday the barnyardgrass was turning yellow. The Desha County field indicated sheath blight not at treatment level. The Clark County field was at 50% heading and stink bugs were 10 per 10 sweeps. The field will be sprayed with Karate at 1 gal to 60/acres.