

Arkansas Rice Research Verification Program Weekly Update June 30, 2023 – Update No. 10

Division of Agriculture, University of Arkansas System, Cooperative Extension Service

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General Information

With rice in the reproductive stage coupled with extreme temperatures, water can get critical in some fields. All nine fields are in the reproductive stage. Two row-rice fields, Phillips and Mississippi Counties, are struggling with not enough water. The irrigation well at Mississippi County lost power from the storm on 6/25 and was out until today 6/30. No damage from hail or wind has occurred. Rice Sheath blight is picking up in the White County field yet remains well below threshold level. Woodruff County has received its mid-season N application.

Refer to the table below for field-specific information:

County	Cultivar	Stage	Additional Agronomic Details
Clark	RT 7321 FP* (Zero Grade)	IE	Field is moving fast and looks good. Late boot N date 7/8-7/14 according to DD-50.
Cross	RT 7321 FP*	IE	The field is clean with a good flood. The field has a history of kernel smut. Will make propiconazole application at early to mid-boot stage.
Drew	RT 7521 FP (Row Rice)	IE	Intermittent flushing field looks good and uniform ½" IE 6/27
Jefferson	DG 263 L ⁺	IE	Progressing fast with good joint movement. Disease well below threshold level.
Phillips	Titan (Row Rice)	IE	Starting reproductive stage and water has started. Command response severe in bottom of rows.
Pulaski	RT 7521 FP* (Zero Grade)	IE	The field is growing well with a few spots of red rice. Late boot N date 7/12
Mississippi	RT 7321 FP* (Row Rice)	IE	Field looks good yet needs water. Power outage from severe storms 6/25 Power restored 6/30
White	RT 7321 FP*	IE	The field looks good and pigweeds on levees have been cleaned up. Sheath blight is prevalent but not at threshold levels. Late boot N scheduled 7/8
Woodruff	DG 263 L ⁺	IE	The field looks good. Midseason fertilizer (100 lbs urea) applied 6/29

+ Dyna-Gro Seed Treatment which includes an insecticide, fungicide, zinc and gibberellic acid.

* RiceTec Seed Treatment which includes an insecticide, fungicides, zinc and gibberellic acid.