

Corn and Grain Sorghum Weekly Update – June 27, 2025

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

By: Chuck Capps, Verification Coordinator – Corn & Grain Sorghum

General Information

As seen in Table 1 below, heat units, crop stage, and projected irrigation date along with a few notes about field activities are listed for each location. Weather data is collected at a weather station located at each individual field. We utilize AgSense telemetry units with soil moisture sensors placed at 6, 12, 18, and 30 inches to collect soil moisture data. We input this data into the AR Soil Calc app to initiate irrigations. Irrigation projections do not consider anticipated rainfall. With the telemetry units, we can see how the rainfall affects the soil moisture. Growers are informed of how much soil water the corn crop is using per day per growth stage at that time.

Southern rust has been found in SE Arkansas. We have not found Southern rust in our Drew, Jefferson, or Arkansas County Verification fields. This link is from 2022 but has current information of what to expect with weather conditions, what growth stage we can expect a yield response from fungicide applications, and a link to the Corn ipm PIPE website [Southern Corn Rust: What to expect in 2022?](#)

Table 1.

County	Heat Units	Crop Stage	Sensor avg	Irrigation Date	Field Notes
Arkansas	1778	R2	42	6/30	The field is growing well and only a couple of days from the milk stage as of Wednesday.
Cross	1619	R1	39	6/30	Small amount of common rust, curvularia leaf spot, NCLB.
Drew	2094	R4	63	6/28	Third irrigation was made on 6/20. Small amount of common rust, curvularia leaf spot, NCLB, gray leaf spot
Jefferson	1694	R2	39	6/30	Small amount of common rust, curvularia leaf spot, NCLB, gray leaf spot.
Lonoke	1479	R1	88	6/27	Small amount of common rust, curvularia leaf spot, NCLB.
Mississippi	1506	V17	4	7/3	The field was irrigated for the first time on 6/25 and should be at tassel by 6/27.
Monroe	1624	R2	27	7/2	The field was irrigated for the first time on 6/25. Small amount of Small amount of common rust, curvularia leaf spot, NCLB.
Phillips	1681	R2	31	7/1	This field has been holding soil moisture very well and has not been irrigated yet. Small amount of common rust, curvularia leaf spot.
Poinsett	1577	R1	40	6/30	The field was irrigated for the first time on 6/22. Small amount of common rust, curvularia leaf spot, NCLB, gray leaf spot.
Woodruff	1940	R3	51	6/29	The field was irrigated for the first time last Monday. Small amount of common rust, curvularia leaf spot, NCLB.