

## Corn and Grain Sorghum Weekly Update – August 20, 2021

2021 Update

### Corn and Grain Sorghum Research Verification – Chuck Capps (Corn & GS Verification Coordinator)

As seen in Table 1 below, heat units and crop stage along with a few notes about field activities are listed for each location. Irrigation has been terminated for all fields using the AR Soil Calc app. We have been using this tool to input soil moisture sensor data to decide when to irrigate. This app also predicts the amount of water needed to finish the crop by using current soil moisture and crop stage.

All fields except the Poinsett County field have reached black layer. Hopefully we will be able to get stalk nitrate samples from it this coming week.

**Table 1.**

County	Heat Units	Crop Stage	Field Notes
Ashley	2876	R6	The field reached black layer on 7/26 with 2876 heat units.
Desha	2954	R6	The field reached black layer on 8/9 with 2954 heat units.
Desha	2850	R6	The field reached black layer on 7/20 with 2850 heat units.
Drew	2805	R6	The field reached black layer on 8/12 with 2867 heat units.
Lonoke	2896	R6	The field reached black layer on 8/10 with 2896 heat units.
Mississippi	2954	R6	The field reached black layer on 8/13 with 2954 heat units.
Monroe	2839	R6	The field reached black layer on 8/7 with 2839 heat units.
Poinsett	2834	R5	The field has reached 90% starch.
Prairie	2856	R6	The field reached black layer on 8/7 with 2856 heat units.