

## Corn and Grain Sorghum Weekly Update – August 8, 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. 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 by determining how much soil moisture is available to the crop. These tools also allow us to accurately terminate irrigation. Irrigation has been terminated in all fields. Corn stalk nitrate samples have been taken in 6 fields and will be taken in the 4 remaining fields as they reach R6.

The last update of the year will be in a few weeks once we have final yields for the fields.

**Table 1.**

| County      | Heat Units | Crop Stage    | Field Notes  |
|-------------|------------|---------------|--|
| Arkansas    | 2893       | R6            | We took corn nitrate stalk samples on 8/6.   |
| Cross       | 2887       | R6            | The field has now reached R6. We will take stalk samples next week.  |
| Drew        | 2832       | R6            | We took corn nitrate stalk samples on 7/23.  |
| Jefferson   | 2857       | R6            | We took corn nitrate stalk samples on 8/6.   |
| Lonoke      | 2745       | R5 75% starch | We plan to be able to take samples next week.  |
| Mississippi | 2750       | R5 60% starch | We plan to be to get stalk samples next week. The field was leveled last fall, and the crop has been behind in growth stage compared to heat units most of the year. |
| Monroe      | 2869       | R6            | We took corn nitrate stalk samples on 8/6.   |
| Phillips    | 2863       | R6            | We took corn nitrate stalk samples on 8/4.   |
| Poinsett    | 2801       | R5 90% starch | The field will reach R6 by late this week, and we will get stalk samples early next week.  |
| Woodruff    | 2844       | R6            | The field reached R6 (Black Layer) on 7/31.  |