

Corn and Grain Sorghum Weekly Update – August 12, 2022

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 and crop stage along with a few notes about field activities are listed for each location. Irrigation has been terminated for several 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.

Irrigation has been terminated for all but three fields, and irrigation will be finished in these fields with any rainfall approaching one inch with available soil moisture. We have taken corn stalk nitrate samples in two fields and will continue with the rest of the fields as the fields reach black layer.

Table 1.

County	Hybrid	Heat Units	Crop Stage	Field Notes
Desha I	DeKalb DKC 67-94	2912	R6	Field has been mature for over a week and waiting on moisture to drop for harvest.
Desha II	AgriGold 6544VT2P	2899	R6	Field has been mature for over a week and waiting on moisture to drop for harvest.
Faulkner	Local LC1987 VT2P	2686	R5 70% Starch	The field had enough soil available moisture earlier this week to finish crop, so irrigation was terminated.
Independence	Dyna-Gro D57CC51	2626	R5 50%	Irrigation termination decision will be made Monday 8/15.
Jefferson	Progeny PGY9117VT2P	2890	R5 90% Starch	The field had enough soil available moisture earlier this week to finish crop, so irrigation was terminated.
Lonoke	DeKalb DKC 65-95	2756	R5 80% Starch	The field had enough soil available moisture earlier this week to finish crop, so irrigation was terminated.
Monroe	BH 8721VT2P	2451	R5 35% Starch	Irrigation termination decision will be made Monday 8/15.
Poinsett	Pioneer P1847VYHR	2628	R5 50% Starch	Irrigation termination decision will be made Monday 8/15.
Prairie	DeKalb DKC 70-27	2892	R6	Field reached black layer (R6) this past week.