

Corn and Grain Sorghum Weekly Update – August 9, 2019

2019 Update

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

The Chicot County Corn Verification Field reached black layer (R6) this past Tuesday. All but the Monroe and White County Corn Verification Fields will be at black layer by the weekend. I will be working with the county agents next week to get corn stalk nitrate samples from those fields at or past black layer. This will help to evaluate nitrogen rates applied based on soil test results. These samples will tell us the nitrogen levels accumulated in the lower stalk allowing growers to adjust nitrogen rates accordingly next time the field is rotated back to corn.

Table 1.

County	Heat Units	Crop Stage	Crop Notes
Arkansas	2700	R5	The field is at 80-90% starch and good soil moisture as of Tuesday. The corn should be at black layer by the weekend.
Chicot	2832	R6	The field reached R6 on Tuesday.
Clay	2798	R6	The field was at black layer midweek.
Desha	2766	R5	The corn was at 80-90% starch and good soil moisture.
Jefferson	2798	R5	The field was very close to black layer on Tuesday.
Lawrence	2785	R5	The field was 80-90% starch on Monday.
Mississippi	2544	R5	The field was past 60% starch on Monday with good soil moisture.
Monroe	2201	R4	Found a little bit of Southern rust on Tuesday
Prairie	2778	R6	Field reached maturity over a week ago.
White	2186	R5	Field was being irrigated on Tuesday. We should only need a couple of more irrigations to finish for the year.

Northeast – Stewart Runsick – Clay County Extension Agent/Staff Chair

Clay County received strong storms, hail and high winds Tuesday evening and more rainfall Wednesday. Some areas of the county received 1 to 1.5 inches while others not much at all. I haven't had any reports of damage to corn. Irrigation is now complete on most of the corn as it is approaching black layer.

River Valley Update – Kevin Lawson – Faulkner County Extension Agent/Staff Chair

River Valley corn for the majority is starting to slow down. Irrigation is still going on but we are getting close to the end. Silage is being harvested on a few fields. Southern rust is out there but we should

outrun it on most fields. There are a few late-planted silage fields that might be treated though to protect the foliage.