

Corn and Grain Sorghum Weekly Update – June 28, 2019

2019 Update

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

Most of our CGSRVP Fields received a significant amount of rainfall this week and late last week. It provided for some savings on pumping costs being able to cut the wells off for the week. We received enough rainfall in a few fields to zero out our soil moisture sensors all the way to 30 inch depth, which is pretty rare especially once the crop hits reproductive stages. Like a lot of the crop across the state, the verification fields are spread out in growth stages from V10 in Monroe County to almost R3 in Prairie County.

The Research Verification Tour will be in Jackson/Lawrence County area this year on July 11th. I have attached the agenda to the bottom below Table 1 and the crop updates. I will include it again next week just in case something changes.

Table 1.

County	Heat Units	Crop Stage	Crop Notes
Arkansas	1439	VT	We received a rainfall just before irrigation began for the first time. Using the sensors, we held off another day and got a good rain then another over the weekend. Pipe is laid and ready to go once its dries up.
Chicot	1613	R1	Received almost 3" of rain over a 5 day period last week. We did have a small amount of lodging and green snap. We have only had to irrigate this field once so far.
Clay	1614	R1	Another field that we have only had to water once to get to R1 possibly R2 by the time the next irrigation comes around. The field received more rain Wednesday night and was still raining some Thursday morning. It's in an area that has received some timely rainfall.
Desha	1563	R1	Like the Chicot County field, the field received almost 3 inches of rainfall over the previous week. It does have some lodging and green snap. Not a tremendous amount but will effect yield some.
Jefferson	1536	R1	This field received just over 3" of rainfall. It did not suffer quite as much damage during the thunder storms as the Chicot and Desha County fields.
Lawrence	1569	R1	Field has become pretty uniform with the exception of the ends where water stood in early April after planting and again after emergence.

Mississippi	1305	V15	We were able to see the tassels after peeling a couple of leaves back. It should be at tassel when I go by on 7/1.
Monroe	1018	V10	We had to irrigate this field early last week to incorporate nitrogen.
Prairie	1784	R2	This field was at blister this week and will probably be at milk stage when I go by on Tuesday.
White	1004	V12	We will apply pre tassel as soon as soil dries.

Crop Updates

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

Most of the corn is in the R1 growth stage. We received .5 to 2 inches of rainfall across the county the last couple of days. Timely rainfall has reduced the need for irrigation. The corn looks excellent with pest issues this week.

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

The River Valley received a really good rain on June 23 that helped ease irrigation needs. Pollination has started on the early-planted corn while the majority of the crop is just now receiving pre tassel nitrogen. Irrigation will start back up soon depending on the next rain.

2019 Research Verification Tour

Jackson/Lawrence County

July 11, 2019

- 8:45 am Meet at Rice RVP Field- Haigwood Farms
(35° 61'55.00"N, 91° 31'93.57"W) Corner of Hwy 14 and Jackson Road 14
From Newport take Hwy 14 towards Oil Trough, Jackson Road 14 is on the right
- 10:00 am Soybean RVP Field- Steve Grady
(36° 00'00.53"N, 91°05'53.87"W) Lawrence Rd 532
- 11:15 am Corn RVP Field – JD and Jared Beary
(36° 05' 29"N, 91° 00' 08") Lawrence Rd 438
- 11:45 am Update on Cotton/Sustainability Program
At the Corn RVP Stop
- 12:30 pm Lunch – Don's Steakhouse
1604 W Main St. Walnut Ridge AR 72476

We will meet at the Rice RVP in Jackson County and begin the tour at 8:45am. From there we will travel caravan style to the other verification fields and finish in Walnut Ridge, Ar. GPS location and directions are provided for all locations. If you are unable to stay for the entire tour but would like to visit a particular stop please keep in mind that times are estimated.