

Corn and Grain Sorghum Weekly Update – July 5, 2019

2019 Update

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

Irrigation started back this week on all our fields. We have been using soil moisture sensors and telemetry units in combination with our Online Irrigation Scheduler to make irrigation decisions. It has been working well and has saved us some early irrigations.

We have been scouting the fields, and we have NOT found any Southern rust. We have been finding active common rust, but it is not an economic threat to our corn crop.

The announcement for the Row Crop Field Tour is below Table 1.

Table 1.

County	Heat Units	Crop Stage	Crop Notes
Arkansas	1691	R2	Irrigating for the first time 7/4. Field looks good with light common rust.
Chicot	1813	R2/3	Irrigation started on 7/3, and the field is progressing quickly with the recent warm weather. Lodging and green snap was light from the storms a couple of weeks ago.
Clay	1799	R3	We will probably start irrigation tomorrow or Saturday. The scheduler called for irrigation on 7/3 but we were averaging 30 cb of pressure on the sensors. Today (7/4) they are 34 cb of pressure. This field is fairly sandy, so we are splitting the sand and silt loam cb recommendations.
Desha	1761	R2	Irrigation on this field started on 7-1 for the second time. Green snap and lodging was around 10% in this field. Some of the plants did snap right at the ear, but ears appear to have pollinated pretty well on those plants.
Jefferson	1733	R2	Irrigation began on 7/1 for the second irrigation and takes about 4 days to get across this 120 acre field. This field is very sandy as well and another we are splitting the pure sand and silt loam cb number with to help determine irrigation trigger.
Lawrence	1761	R2	We will visit this field on 7/11 for the Row Crop Verification Tour. Field was irrigated for the second time on 7/1. The soil type is almost like farming on a sand bar, so we are using the sand cb trigger recommendation for irrigations.
Mississippi	1501	VT	The field was at full tassel on Monday and was irrigated late last week.

Monroe	1209	V12	The field is very sandy and has some weaker spots that are beginning to catch up some. We will apply pre-tassel this coming week.
Prairie	1983	R3	The field was being irrigated Monday and is another it takes about 5 days to get across with a few sets and not a lot of water. Corn looks really good and is almost at dough.
White	1200	V14	Pre-tassel went out 7/1 and irrigation began 7/2. It was a little early according to the sensors which were about 30 cb, but we wanted to get the nitrogen worked in.

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.

