

Corn and Grain Sorghum Weekly Update – July 22, 2016

2016 Update No 17

Corn and Grain Sorghum Research Verification – Kevin Lawson (Corn & GS Verification Coordinator)

The majority of the corn verification fields have reached irrigation termination. R6 or black layer should happen on most fields starting at the end of next week. From that point the fields will just be waiting for dry down and harvest. The Pope County field has reached R5 and is ready to be harvested for silage. The Clay County field is a replant field and has just now reached R3. Southern rust was found this week at very low levels. Hopefully the weather will cooperate and help hold it down for a few weeks. We will continue to monitor the field for a fungicide application.

The White County field was scouted and has 1.4 headworms per head. Sugarcane aphids have increased in this field, so it was recommended to apply 14 oz of Prevathon to help keep the beneficials that are in the field. The field still needs a rain to help with grain fill. The Jefferson County field doesn't have any midge and will be scouted for headworms next week.

County	Hybrid	Growth Stage	Heat Units	Comments
Clay	Pioneer 1637YHR	R3	2074	Field received irrigation on July 13. Recommended irrigation again on July 21. (Scouted July 21)
Lincoln	DKC 66-87 VT2P	R5.8	2725	Field received irrigation on July 20. Recommended to terminate irrigation. (Scouted July 21)
Pope	Pioneer 1319HR	R5	2184	Field has reached R5 and is scheduled for harvest. (Scouted July 20)
Prairie	Armor 1555PRO2	R5.5	2521	Recommended irrigation on July 21 then terminate irrigation. (Scouted July 20)
River Valley	Terral REV 23BHR55	R5.5	2385	Recommended irrigation on July 20 then terminate irrigation. (Scouted July 20)
St Francis	Pioneer 2089YHR	R5.7	2650	Recommended irrigation on July 25 then terminate irrigation. (Scouted July 22)

County	Hybrid	Growth Stage	Comments
Jefferson	Armor Maverick	Flowering to Milk	Field still has no midge, will scout for worms next week. (Scouted July 19)
White	Pioneer 83P99	Flowering to Milk	Field has no midge but aphids have increased but not treatment level. 1.4 worms per head, recommended 14 oz Prevathon. (Scouted July 21)

Southeast Arkansas Update – Chuck Capps (Desha County)

Some corn has reached 75% starch and has had irrigation terminated late last week or this week. Most all of the corn as reached at least 50% starch and will be irrigated the last time this week. Disease pressure is still low on what few acres could possibly be impacted at this point. Grain sorghum is headed and few midge but not severe. Almost all sorghum fields have aphids in them and some have been sprayed especially after a midge application.

Central Arkansas Update – Brett Gordon (White County)

Many producers are applying their final irrigation to corn. Corn harvest will likely begin this time next month. Corn earworms are now active on grain sorghum. What little grain sorghum that is in White County will need to be treated for earworms.

Northeast Arkansas Update – Stewart Runsick (Clay County)

Corn growth stages range from R3 to R5. Southern rust has been observed in fields at low levels. Conditions have been hot and dry, the disease has not been real active. Corn earworms can be found feeding on ears. Grain sorghum is headed and headworms have been found in fields. Sugarcane aphids are present now in many fields.

River Valley Update – Kevin VanPelt (Conway County)

Most of the crop in this area is a week to 10 days from maturity depending on the hybrid and time of planting. With the extreme high temperatures, producers are continuing irrigation through the week.

Heat Units

The elevated low temperatures this past week have really increased heat units. Fields in south Arkansas that were planted the end of March are starting to reach R6 or black layer.

	Southeast, AR (Dumas)		Central, AR (Des Arc)		Northeast, AR (Jonesboro)		River Valley (Morrilton)	
	2016	30 Year	2016	30 Year	2016	30 Year	2016	30 Year
July 16	29.5	28.5	28.5	29.5	28.0	28.0	28.0	28.0
July 17	30.5	28.5	31.0	29.5	29.5	28.0	30.5	28.0
July 18	31.0	28.5	31.0	29.5	30.5	28.0	30.5	28.0
July 19	31.5	28.5	31.5	29.5	30.5	28.0	30.5	27.5
July 20	31.5	28.5	31.5	29.5	31.5	28.0	31.5	27.5
July 21	31.5	28.5	31.5	29.5	32.0	28.0	31.0	27.5
July 22	31.5	28.5	32.0	29.5	32.0	28.0	31.0	27.5
Total for Week	217	200	217	207	214	196	213	194
Total Since March 28	2,730	2,588	2,621	2,538	2,549	2,325	2,552	2,323

Twitter

Jason Kelley @AR_Feedgrains

Kevin Lawson @ar_cornverify

Row Crop Verification @ar_verification

University of Arkansas Systems Division of Agriculture Cooperative Extension Service Web Pages

Extension Corn Webpage – www.uaex.edu/corn

Extension Grain Sorghum Webpage – www.uaex.edu/grain-sorghum

Row Crop Verification Webpage – www.uaex.edu/verification

Corn & Grain Sorghum Verification Webpage – www.uaex.edu/cgsrvp