

## Corn and Grain Sorghum Weekly Update – July 29, 2016

2016 Update No 18

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

The majority of the corn verification fields are about to reach R6 or black layer. Irrigation has been terminated in these fields. The field in Clay County has just reached R5 and irrigation will continue for a few more weeks. Southern rust is still present in this field but at very low levels. Fungicide shouldn't be necessary but it will be scouted again next week. The field in Pope County was harvested for silage earlier this week.

The White County grain sorghum verification field received an application of Prevathon for headworms and it did a great job. The field has aphids on the edges, but they are still at low levels. The field in Jefferson County was scouted this week and had 2.4 worms per head. Prevathon was recommended on that field with a few aphids showing up this week.

County	Hybrid	Growth Stage	Heat Units	Comments
Clay	Pioneer 1637YHR	R5	2254	Field received irrigation on July 22. Recommended irrigation again on July 29. (Scouted July 27)
Lincoln	DKC 66-87 VT2P	R5.9	2940	Field is close to R6. (Scouted July 28)
Pope	Pioneer 1319HR	--	--	Field was harvested for silage on July 25. (Scouted July 25)
Prairie	Armor 1555PRO2	R5.9	2799	Field is close to R6. (Scouted July 28)
River Valley	Terral REV 23BHR55	R5.9	2539	Field is close to R6. (Scouted July 25)
St Francis	Pioneer 2089YHR	R5.9	2811	Field is close to R6. (Scouted July 28)

County	Hybrid	Growth Stage	Comments
Jefferson	Armor Maverick	Milk	Field averaged 2.4 worms per head. Recommended 14 oz of Prevathon. (Scouted July 26)
White	Pioneer 83P99	Milk	14 oz Prevathon was applied on July 22. (Scouted July 27)

### **Southeast Arkansas Update – Kevin Norton (Ashley County)**

Early planted corn is at or close to black layer. Later corn is close to or at 50% starch. The rains we're getting this week should finish up water needs for the corn. Getting combines and trucks ready, we'll be harvesting soon.

### **Central Arkansas Update – Brett Gordon (White County)**

Irrigation has been terminated on most corn fields in White County. We have been receiving afternoon storms this week. Some storms have had strong wind causing isolated lodging in areas. Affected corn fields have up to 40% of stalks laying on the ground.

### **Northeast Arkansas Update – Stewart Runsick (Clay County)**

Corn growth stages range from R5 to R6. The early planted corn is reaching black layer and final irrigations are taking place. Southern rust has been very active the past week due mainly to weather conditions. Spotty rain showers have occurred daily. We should be able to avoid fungicide applications. Corn ear worms can be found feeding on ears. Sugarcane aphids are present now in many fields of grain sorghum.

### **River Valley Update – Kevin VanPelt (Conway County)**

Producers in the River Valley have almost finished irrigating corn. A few of the fields are at black layer. Winds from recent storms did cause some greensnap.

### **Heat Units**

Fields planted on March 28 should be getting close to R6 or black layer depending on the maturity of the hybrid. The five year average in the corn verification program for black layer is 2855 heat units.

	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 23	31.0	28.5	30.5	29.5	31.5	28.0	31.5	27.5
July 24	30.5	28.5	30.0	29.5	30.5	28.0	30.5	27.5
July 25	30.5	28.5	30.5	29.5	30.5	28.0	29.5	27.5
July 26	31.0	28.5	31.0	29.5	31.0	28.0	30.5	27.5
July 27	29.5	28.5	30.5	29.5	30.5	28.0	30.5	27.5
July 28	28.5	28.5	29.5	29.0	29.5	28.0	29.5	27.5
July 29	29.0	28.5	28.5	29.0	28.5	28.0	28.5	27.5
<b>Total for Week</b>	<b>210</b>	<b>200</b>	<b>211</b>	<b>206</b>	<b>212</b>	<b>196</b>	<b>211</b>	<b>193</b>
<b>Total Since March 28</b>	<b>2,840</b>	<b>2,788</b>	<b>2,832</b>	<b>2,744</b>	<b>2,761</b>	<b>2,521</b>	<b>2,763</b>	<b>2,516</b>

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Row Crop Verification @ar\_verification

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

Extension Corn Webpage – [www.uaex.edu/corn](http://www.uaex.edu/corn)

Extension Grain Sorghum Webpage – [www.uaex.edu/grain-sorghum](http://www.uaex.edu/grain-sorghum)

Row Crop Verification Webpage – [www.uaex.edu/verification](http://www.uaex.edu/verification)

Corn & Grain Sorghum Verification Webpage – [www.uaex.edu/cgsrvp](http://www.uaex.edu/cgsrvp)