

## Corn and Grain Sorghum Weekly Update – April 22, 2016

2016 Update No 5

### Corn and Grain Sorghum Update – Dr. Jason Kelley (Wheat and Feed Grains Specialist)

Corn planting is complete in many areas of the state while replanting and finishing up is still going on in other areas. Overall corn planting process is ahead of the normal pace, even with the rain delays that have occurred this year. An estimated 81% of the corn was planted by April 15<sup>th</sup> according the Arkansas Agricultural Statistics Service, compared to only 62% last year and 65% for the 5-year average. Some fields still do not have adequate stands for maximum yields and will be replanted if field conditions allow. Rain however is forecast for much of the state this coming week. Grain sorghum planting has been running behind the normal pace, mostly due to cool and wet weather and most producers have been focused on getting corn planted before switching over to planting grain sorghum. As of April 15<sup>th</sup>, approximately 19% of the grain sorghum acres had been planted compared to 23% last year and 34% for the 5-year average planting.

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

The Lincoln County and St Francis County fields looked much better this week. The fields are starting to grow and green up. Both fields should be receiving sidedress nitrogen and herbicide applications soon. The Prairie County and River Valley fields are up to good stands. Plant populations were started in Prairie County, but rain cut that short. The field was averaging around 32,000 plants though. The River Valley field plant populations will be done next week. The Clay County field has had spotty emergence. There are plants that haven't emerged to plants that are close to V2 scattered all over the field. The decision was made to replant the field, so an application of atrazine plus Gramoxone will be applied to kill the stand and it will be replanted in the same hybrid.

Rain kept the grain sorghum verification fields from being planted this week. They are all scheduled to be planted as soon as it dries up.

County	Hybrid	Growth Stage	Heat Units	Comments
Clay	Pioneer 1637YHR	***	***	Field emergence was spotty and the field will be replanted.
Lincoln	DKC 66-87 VT2P	V3	420	Field is looking much better and growing well. Sidedress and herbicide next week. (Scouted April 21)

Pope	Pioneer 1319HR	***	***	Field is scheduled to be planted after the rain.
Prairie	Armor 1555PRO2	V1	288	Partial plant population counts showed about 32,000 plants per acre. Got rained out, so will take more stand counts next week. (Scouted April 20)
River Valley	Terral REV 23BHR55	V1	157	Field emerged on April 17. Plant populations next week. (Scouted April 19)
St Francis	Pioneer 2089YHR	V2	346	Field is starting to grow and green up. Will discuss sidedress and herbicide options next week. (Scouted April 20)

County	Hybrid	Growth Stage	Comments
Jefferson	Armor Maverick	***	Scheduled to be planted next week.
Lawrence	DKS 51-01	***	Scheduled to be planted next week.
White	Pioneer 83P99	***	Scheduled to be planted next week.

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

It is the same story, just a different week in Ashley County. Not getting a lot done. Rains are keeping us out of the fields. We managed to get a few replants this past weekend on the higher ground and lighter soils. What corn ground has not been planted is being shifted to another crop. Burndowns and pre plant herbicide treatments are starting to play out on early planted fields. We are starting to see some nutrient deficiency problems.

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

Corn planting is about wrapped up in White County. The majority of the fields have emerged. Recent rains have helped with emergence issues associated with crusting. Only a couple of fields may warrant replanting. We are in need of warm, sunny weather to get the crop going. Hopefully we can get our grain sorghum verification field planted next week if it dries out.

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

Clay County Corn is finally growing and looking much better. We received much needed rainfall across the county Tuesday and Wednesday. As of now I am aware of around 1000 acres of replant. So far producers have been able to get seed and replant without much problem. Just need some warm weather and sunshine now.

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

Most of the corn has emerged and stands look really good. The weather has been cool, but the rains have been timely without any heavy downpours in this area. The plants should really take off with the warmer weather forecast for next week.

### Heat Units

The high temperatures did go up a little this week, but what have really helped us out with heat units are the lows finally coming up above 50. Heat units were higher this week than the 30 year average and the corn around the state is starting to show that.

	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
April 16	14.0	14.0	14.5	12.0	15.5	10.5	13.0	11.5
April 17	19.0	14.5	18.5	13.0	18.0	11.0	19.5	11.5
April 18	19.5	14.5	19.0	13.0	17.0	11.0	18.5	11.5
April 19	12.0	14.5	11.5	13.0	13.0	11.0	13.5	11.5
April 20	17.5	15.5	16.5	14.0	17.0	11.5	15.5	12.0
April 21	17.5	15.5	16.0	14.0	15.0	11.5	14.5	12.0
April 22	18.0	15.5	15.5	14.0	15.5	11.5	16.0	12.0
<b>Total for Week</b>	<b>118</b>	<b>104</b>	<b>112</b>	<b>93</b>	<b>111</b>	<b>78</b>	<b>111</b>	<b>82</b>
<b>Total Since March 28</b>	<b>365</b>	<b>325</b>	<b>328</b>	<b>282</b>	<b>288</b>	<b>252</b>	<b>333</b>	<b>272</b>

### Twitter

Jason Kelley @AR\_Feedgrains

Kevin Lawson @ar\_cornverify

### 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)