



2023 Arkansas Cotton Research Verification Program Weekly Update – July 7, 2023

Division of Agriculture, University of Arkansas System, Cooperative Extension Service

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General Information

Most of our cotton in the state has started to flower with only a few late fields that haven't started yet. Plant bug pressure has been hot in areas of the state but has been minimal for the most part so far in the verification program. Right now, our main concerns should be keeping up with our insect pressure and keeping our fields from stressing while we are setting bolls. We should be about done with our herbicide applications and some fields are getting close to canopy closure. With decent rain chances in the forecast, we are set up right now for a good July.

County	Field Name	Variety	Plants /A	DAP to First Flower/ NAWF @ FF	# Fruiting Nodes/ Total Retention	Field Notes
Desha/Drew	Winchester	NG 3195 B3XF	35,153	51/9	9.7/96%	Last field visit on 7-5. Cotton is 15 node, 26" tall. 1.13" of rain since last visit. Field has good soil moisture. NAWF at time of visit was 7.8. A couple TPB were found but not to threshold. And little to no damage present.
Poinsett	Judd Hill (Crop Intensification)	DP 2127 B3XF	19,105	56/10	10.7/95%	Last field visit on 7-6. 16 node cotton, 28-30" tall. .15" of rain since last visit. NAWF at the time of the visit was 9.2. A couple TPB were found but not to threshold and no damage present. Any deficiency symptoms seen last week are gone this week. This field was irrigated over the weekend for the first time this season.
Poinsett	Judd Hill (Cover Crop)	DP 2127 B3XF	39,356	58/9	10.4/98%	Last field visit on 7-6. 15-16 node cotton, 28-30" tall. .15" of rain since last visit. NAWF at the time of the visit was 8.2. Any deficiency symptoms seen last week are gone this week. This field was irrigated over the weekend for the second time this season. No pests found during visit.
Poinsett	Judd Hill (Conventional till, No cover)	DP 2127 B3XF	39,738	56/9	9.4/97%	Last field visit on 7-6. 15-16 node cotton, 28" tall. .15" of rain since last visit. NAWF at the time of the visit was 7.6. This field was irrigated over the weekend for the second time this season. No pests found during visit.
Lee	Lee (cover)	PHY 360 W3FE	40,502	52/9	9.2/98%	Last field visit on 7-5. 12 node cotton, 20-22" tall. .7" of rain since last visit. NAWF at the time of visit was 7.8 A few TPB were found but not to threshold. This field is

						showing signs of stress, we will have to stay on top of this field to keep from having an early cutout.
Lee	Lee (no cover)	PHY 360 W3FE	37,153	53/ 8	9.1/ 93%	Last field visit on 7-5. 12 node cotton, 20-22" tall. .7" of rain since last visit. NAWF at the time of this visit was 7.2 A few TPB were found but not to threshold. This field is showing signs of stress, we will have to stay on top of this field to keep from having an early cutout.
Jackson	Kent	PHY 411 W3FE	38,974	-/-	7.6/ 95%	Last field visit on 7-6. 13-14 node cotton, 14-16" tall. A few aphids were found while scouting but populations don't appear to be growing. This field is going to be a bit later compared to our others but should be flowering sometime next week.