



2023 Arkansas Cotton Research Verification Program Weekly Update – July 14, 2023

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

Another week that most of the state didn't have to worry about water. Some areas saw just enough rain to avoid turning the wells on while other areas got drenched. A lot of our fields are still holding very good retention as we are getting deeper into flowering. Plant bugs are definitely on the rise across the state, all the fields in the CRVP had at least a few with a couple fields needing to be treated. Going forward, we need to make sure we are keeping up with our pest scouting as well as any disease that may start popping up from the wet weather we have had.

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	10.1/92%	Last field visit on 7-11. Cotton is 15-16 node, 26-28" tall. 2" of rain since last visit. Field has good soil moisture. NAWF at time of visit was 6.2. A couple TPB were found but not to threshold. And little to no damage present. This field has slowed down on node production, we are going to have to push it to keep making cotton and keep from an early cutout.
Poinsett	Judd Hill (Crop Intensification)	DP 2127 B3XF	19,105	56/10	11.8/93%	Last field visit on 7-13. 16-17 node cotton, 30-34" tall. 5" of rain since last visit. NAWF at the time of the visit was 7.2. A couple TPB were found but not to threshold and no damage present. This field saw a substantial rainfall event last weekend. We still have not seen a big square shed like we would expect after an event like that. Total retention is good and this field is following the target development curve almost perfectly.
Poinsett	Judd Hill (Cover Crop)	DP 2127 B3XF	39,356	58/9	10.8/91%	Last field visit on 7-13. 16-17 node cotton, 32-34" tall. 5" of rain since last visit. NAWF at the time of the visit was 7.4. TPB were found and the decision to spray was made. This field saw a substantial rainfall event last weekend. We still have not seen a big square shed like we would expect after an event like that. This field is following the target development curve fairly closely and should reach cutout in a timely manner.

Poinsett	Judd Hill (Conventional till, No cover)	DP 2127 B3XF	39,738	56/ 9	11/ 89%	Last field visit on 7-13. 15-16 node cotton, 32" tall. 5" of rain since last visit. NAWF at the time of the visit was 7.8. TPB were found and the decision to spray was made. This field saw a substantial rainfall event last weekend. This field kept about the same NAWF as last week and will need a shot of pix to help slow it down
Lee	Lee (cover)	PHY 360 W3FE	40,502	52/ 9	10.6/ 96%	Last field visit on 7-11. 14 node cotton, 26-30" tall. .7" of rain since last visit. NAWF at the time of visit was 7. A few TPB were found but not to threshold. Soil moisture is good. This field is showing slight signs of stress but is looking like it will reach cutout at a decent time.
Lee	Lee (no cover)	PHY 360 W3FE	37,153	53/ 8	10.2/ 89%	Last field visit on 7-11. 14 node cotton, 26-28" tall. .7" of rain since last visit. NAWF at the time of visit was 6.6. A few TPB were found but not to threshold. Soil moisture is good. This field is showing slight signs of stress but is looking like it will reach cutout at a decent time.
Jackson	Kent	PHY 411 W3FE	38,974	-/-	11.4/ 87%	Last field visit on 7-13. 15-16 node cotton, 28" tall. TPB were just under threshold with retention starting to drop a bit, the producer has decided to wait til the early part of next week to decide to spray. There were a few flowers out in the field but we don't quite have 50% of plants flowering just yet. This field could very likely be pushing calendar cutout in august.