

Arkansas
ROW CROP VERIFICATION



2023 Arkansas Cotton Research Verification Program

Weekly Update – June 23, 2023

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

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General Information

The state got some much needed rains over last weekend that definitely helped the crop out. These rains have bought us some much needed time to get ahead on soil moisture and getting our poly pipe out. Dr. Bill Robertson called the rains at this time of the year “million dollar rains” and this one couldn’t have come at a better time. Tarnished plant bugs are starting to show up in pockets across the state as we get further into squaring. It is important at this point to keep an eye on our stress levels as we are trying to stack nodes and get to 10 NAWF at first flower. While natural fruit shed can be seen and is healthy for the plant, we need to keep a close eye on node production and make sure we are hitting our targets as we go through the season.

County	Field Name	Planting Date	Variety	Plants /A	# Fruiting Nodes/ Total Retention	Field Notes
Desha/Drew	Winchester	5-11	NG 3195 B3XF	35,153	4.4/ 93%	Last field visit on 6-20. Cotton is 9-10 node, 14” tall. 2” of rain since last visit. Some light hail damage from the storms over last weekend but should not be yield damaging. No pests found in field. Field has good soil moisture.
Poinsett	Judd Hill (Crop Intensification)	5-5	DP 2127 B3XF	19,105	6.3/ 92%	Last field visit on 6-22. 11-12 node cotton, 15-17” tall. 1.5” of rain since last visit. No pests found while scouting. Leaves are tore up a bit from hail but this shouldn’t effect yield. Soil moisture is good.
Poinsett	Judd Hill (Cover Crop)	5-5	DP 2127 B3XF	39,356	5.8/ 91%	Last field visit on 6-22. 11-12 node cotton, 15-17” tall. 1.5” of rain since last visit. No pests found while scouting. Leaves are tore up a bit from hail but this shouldn’t effect yield. Soil moisture is good.
Poinsett	Judd Hill (Conventional till, No cover)	5-5	DP 2127 B3XF	39,738	5.4/ 94%	Last field visit on 6-22. 11-12 node cotton, 15-17” tall. 1.5” of rain since last visit. No pests found while scouting. Leaves are tore up a bit from hail but this shouldn’t effect yield. Soil moisture is fair in the top 2” and good going farther down.
Lee	Lee (cover)	5-8	PHY 360 W3FE	40,502	4.4/ 91%	Last field visit on 6-20. 9-10 node cotton, 12” tall. 1.4” of rain since last visit. Tarnished plant bugs are at treatable levels and were sprayed directly after this visit
Lee	Lee (no cover)	5-13	PHY 360 W3FE	37,153	4.8/ 80%	Last field visit on 6-20. 9-10 node cotton, 12” tall. 1.4” of rain since last visit.

						Tarnished plant bugs are at treatable levels and were sprayed directly after this visit
Jackson	Kent	5-13	PHY 411 W3FE	38,974	1.6/ 100%	Last field visit on 6-22. 8 node cotton, 8-10" tall. This cotton is coming off very slow due to dry conditions early. We are seeing a few aphids moving into the edges of this field but they are not to treatment level yet. No other pests found while scouting. This field will need to be cleaned up for weeds very soon.