



## 2022 Arkansas Cotton Research Verification Program Weekly Update – June 10, 2022

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

This week has been full of rain and clouds for much of the state, hopefully we will be able to retain some of that moisture as the forecast is calling for high temps and little to no chances of rain for the next week. With that said, those higher temps will be good for the growth of the cotton. Our earlier planted cotton is just beginning to square, so it is time to be vigilant of tarnished plant bugs moving in. Our later planted fields will benefit from the weather moving in this next week and with the rains that have moved through this week they should be set to take off and grow past any thrips issues within the next week – week and a half. As always it is important to keep up with proper scouting to stay in front of pests.

County	Field Name	Planting Date	Variety	Seeding Rate/A	Field Notes
Desha/Drew	Winchester	5-12	DP 2211 B3TXF	35,000	Last field visit on 6-8. 4 <sup>th</sup> -5 <sup>th</sup> leaf cotton, 6” tall. Cotton looks very healthy, no pest insects found in field. Top 2” of soil is dry, fair moisture to 4” with good moisture going farther down. A strong storm moved in while at field, lightning cut visit short.
Poinsett	Judd Hill (Crop Intensification)	5-13	DP 2038 B3XF	25,000	Last field visit on 6-9. 3 <sup>rd</sup> - 4 <sup>th</sup> leaf cotton, 4” tall. Cotton looks healthy with no insect pests found in field. Field was just sprayed with herbicide to clean up emerging weeds. Field has good soil moisture. Field received .5” of rain since last visit.
Poinsett	Judd Hill (Cover Crop)	5-13	DP 2038 B3XF	36,000	Last field visit on 6-9. 2 <sup>nd</sup> - 3 <sup>rd</sup> leaf cotton, 3-4” tall. Cotton looks healthy with no insect pests found in field. Field was just sprayed with herbicide to clean up emerging weeds. Field has good soil moisture. Field received .5” of rain since last visit.
Poinsett	Judd Hill (Conventional till, No cover)	5-13	DP 2038 B3XF	36,000	Last field visit on 6-9. 3 <sup>rd</sup> leaf cotton, 3” tall. Cotton still looks beat up from wind and sandblasting but new leaves are coming on with no sign of damage, no insect pests found in field. Field was just sprayed with herbicide to clean up emerging weeds. Field has good soil moisture. Field received .5” of rain since last visit.

Poinsett	Lepanto	5-12	DP 2127 B3XF	42,000	Last field visit on 6-9. 3 <sup>rd</sup> leaf cotton, 3" tall. Older leaves still look rough from wind and sand blasting, few thrips found in field however not to threshold. Soil moisture is good, field received .6" of rain since last visit.
Lee	Lee (cover)	5-4	PHY 360 W3FE	42,000	Last field visit on 6-8. 6 leaf cotton, 6-7" tall. Cotton looks healthy and has grown past thrips found last week, no new pests found in field. A few squares were found coming on at the 6 <sup>th</sup> node. Soil moisture was fair in top 2" and good going farther down, .3" of rain since last visit however a strong storm moved in during this week's visit.
Lee	Lee (no cover)	5-4	PHY 360 W3FE	42,000	Last field visit on 6-8. 6 leaf cotton, 6-7" tall. Cotton looks healthy and has grown past thrips found last week, no new pests found in field. A few squares were found coming on at the 6 <sup>th</sup> node. Soil moisture was fair in top 2" and good going farther down, .3" of rain since last visit however a strong storm moved in during this week's visit.
Demo	BCI/US Trust Protocol (cover)	5-19	DP 1646 B2XF	35,000	Last field visit on 6-9. 2 <sup>nd</sup> leaf cotton, 3" tall. Thrips have exploded in this field, damage is present and the recommendation to spray has been made, the deer around this field are also an issue, cotton is small enough right now they are eating it down to the stem, this is going to hurt the stand. Field has good moisture and it received .8" of rain since the last visit.
Demo	BCI/US Trust Protocol (no cover)	5-19	DP 1646 B2XF	50,000	Last field visit on 6-9. 2 <sup>nd</sup> leaf cotton, 3" tall. Thrips have exploded in this field, damage is present and the recommendation to spray has been made, the deer around this field are also an issue, cotton is small enough right now they are eating it down to the stem, this is going to hurt the stand. Field has good moisture and it received .8" of rain since the last visit.
Demo	ASHA (cover)	5-13	PHY 411 W3FE	20,000	Last field visit on 6-9. 4 leaf cotton, 5" tall. There are thrips in this field and there is some damage however damage is not bad and cotton should grow past them pretty quick. Beneficial insects appear to be growing in numbers, mostly finding lady beetles, damsel bugs and spiders at this time. The field is very wet, it received 1.5" of rain since the last visit.