

Arkansas
ROW CROP VERIFICATION



**2022 Arkansas Cotton Research Verification Program
Weekly Update – June 3, 2022**

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

This year most of our verification fields planting dates fell into a narrow window due to weather. Most of these fields are showing damage from wind/sandblasting from the high winds we've had in the state the past few couple weeks. This damage looks a lot like thrips damage however it shows why it is important to do proper scouting instead of trying to make an insecticide decision based purely off of damage present. Looking forward into the next week, our earlier planted cotton should begin to square so it will be time to be on the lookout for tarnished plant bugs moving into the field.

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 6-1. 2 nd - 3 rd leaf cotton, 4" tall. Cotton looks very healthy, no pest insects found in field. Top 1" of soil is dry with good moisture going farther down.
Poinsett	Judd Hill (Crop Intensification)	5-13	DP 2038 B3XF	25,000	Last field visit on 6-2. 1 st - 2 nd leaf cotton, 3" tall. Cotton is slightly beat up from the high winds we have had since planting, no insect pests found in field. Field has good soil moisture.
Poinsett	Judd Hill (Cover Crop)	5-13	DP 2038 B3XF	36,000	Last field visit on 6-2. 1 st - 2 nd leaf cotton, 3" tall. Cotton is slightly beat up from the high winds we have had since planting, no insect pests found in field. Field has good soil moisture.
Poinsett	Judd Hill (Conventional till, No cover)	5-13	DP 2038 B3XF	36,000	Last field visit on 6-2. 1 st - 2 nd leaf cotton, 3" tall. Cotton has more wind/sandblasting damage than cover fields, no insect pests found in field. Field has fair soil moisture in the top 2" with good moisture going down.
Poinsett	Lepanto	5-12	DP 2127 B3XF	42,000	Last field visit on 5-31. 1 st leaf cotton, 2" tall. Cotton looks thripy however it is from wind/sandblasting damage. No pests found in field. Field has fair soil moisture in the top 1" with good moisture going down
Lee	Lee (cover)	5-4	PHY 360 W3FE	42,000	Last field visit on 6-1. 4 th leaf cotton 6" tall. Thrips were found in this field however damage is very minimal, with warm temps and sunny days in forecast, this field should outrun the thrips. Field has fair soil moisture in the top 2" with good moisture going down.

Lee	Lee (no cover)	5-4	PHY 360 W3FE	42,000	Last field visit on 6-1. 4 th leaf cotton 6" tall. Thrips were found in this field however damage is very minimal, with warm temps and sunny days in forecast, this field should outrun the thrips. Soil moisture is dry in the top 1" of soil, fair down to 3" and good moisture going farther down.
Demo	BCI/US Trust Protocol (cover)	5-19	DP 1646 B2XF	35,000	Last field visit on 6-2. Cotyledon cotton, looks like it should make a good stand, no pests found in field. Fair moisture in the top 2" with good soil moisture going farther down.
Demo	BCI/US Trust Protocol (no cover)	5-19	DP 1646 B2XF	50,000	Last field visit on 6-2. Cotyledon cotton, looks like it should make a good stand, no pests found in field. Soil moisture is dry in the top 2" with good soil moisture going farther down.
Demo	ASHA (cover)	5-13	PHY 411 W3FE	20,000	Last field visit on 6-1. Mostly 1 st leaf cotton with a few 2 nd leaf, 2 - 3" tall. Cotton looks slightly thripy from wind damage, no pests found while scouting. Fair soil moisture down to 2" and good moisture going farther down.