



2021 Cotton Research Verification/ Sustainability Program
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Weekly Update
Update #4- June 11, 2021

General						
There are 16 fields within the CRVSP for 2021. All fields have now been planted; planting dates range from 4/27 to 5/22. Across majority of fields, cotton is putting on new nodes as expected since temperatures have warmed up this week. Rainfall amounts varied across fields ranging anywhere from 0.35" - 15".						
County	Field Name (Tillage Practice/ Cover Crop)	Date Planted	Variety	Seeding Rate/A	Plant Population	General Information
Clay	Clay (No Cover)	4/27 Replanted 5/14	NG 4936 B3XF	50,000 Replant 48,000	35,250	Last field visit was on 6/8. Majority of cotton within field was 2 leaf. Field received .35" since last field visit.
Clay	Clay (Cover)	4/27 Replanted 5/14	NG 4936 B3XF	50,000 Replant 48,000	42,750	Last field visit was on 6/8. Majority of cotton within field was 2 leaf. Field received .35" since last visit.
Lee	Lee (No Cover)	5/1 Replanted 5/15	PHY 360 W3FE Replanted PHY 390 W3FE	42,000 Replant 42,000	40,850	Last field visit was on 6/9 cotton is 4-leaf. Field received 6" (+) of rainfall since last field visit.
Lee	Lee (Cover)	5/1	PHY 360 W3FE	42,000	30,850	Last field visit was on 6/9 cotton is 5-6 leaf. Field received 6" (+) of rainfall since last field visit.
Lonoke	Lonoke (No Cover)	5/22	DP 2038 B3XF	41,000	23,000	Last field visit was on 6/11 cotton is 1-2 leaf. Cotton leaves have some damage, likely from the heavy rain received this week or possibly from herbicide application last Saturday. This field is in an area where the center of a storm went through, location received around 15" of rainfall.
Lonoke	Lonoke (Cover)	5/22	DP 2038 B3XF	41,000	23,250	Last field visit was on 6/11 cotton is 1-2 leaf. Cotton leaves have some damage, likely from the heavy rain received this week or possibly from herbicide application last Saturday. This field is in an area where the center of a storm went through, location received around 15" of rainfall.

Poinsett	Poinsett Judd Hill (Crop Intensification)	5/20	DP 2038 B3XF	18,000	12,609	Last field visit was on 6/10. Majority of cotton in field is 2 leaf. There is thrips damage in field but less than the no cover field. Many spiders found as well as some insidious flower bugs. Field received .3" of rain since last visit. Field has good moisture.
Poinsett	Poinsett Judd Hill (Cereal rye)	5/20	DP 2038 B3XF	36,000	27,320	Last field visit was on 6/10. Majority of cotton in field is 2 leaf. Very little thrips damage compared to no cover field. Cotton is working its way through cover crop to grow, growth is very spindly as it is pushing up. Many spiders found while sampling. Field received .3" of rain since last visit. Field has good moisture.
Poinsett	Poinsett Judd Hill (No Cover)	5/20	DP 2038 B3XF	36,000	29,613	Last field visit was on 6/10. Majority of cotton is 2 leaf with 3 rd true leaf almost unfurled. Thrips damage most prevalent of these 3 fields. Very few beneficial insects found while scouting. Field received .3" of rain since last visit. Field has fair moisture.
/ Poinsett	Poinsett Lepanto (Cover)	5/21	Armor 9608 B3XF	42,000	29,150	Last field visit was on 6/8. Majority of cotton within field is one leaf, there are still some Cotyledons throughout the field. Field received .64" since last field visit.
Poinsett	Poinsett Lepanto (No Cover)	5/21	Armor 9608 B3XF	42,000	31,700	Last field visit was on 6/8. Majority of cotton within field is one leaf, there are still some Cotyledons throughout the field. Field received .64" since last field visit.
St. Francis	St. Francis (No Cover)	5/14	ST 5471 GLTP	48,000	36,700	Last field visit was on 6/9, majority of cotton is 3 leaf. Field received 6.05" since last field visit.
St. Francis	St. Francis (Cover)	5/14	ST 5471 GLTP	48,000	38,400	Last field visit was on 6/9, majority of cotton is 3 leaf. Field received 6.05" since last field visit.
Demo	BCI/US Trust Protocol (Cover)	5/20	DP 1646 B2XF	25,000	15,666	Last field visit was on 6/10. 1-2 leaf cotton. Cotton shows slight symptoms of thrips however upon sampling it was noted that no thrips were found but instead snails were found. No other pests were observed in field, spiders were the bulk of the beneficial insects found with a few rove beetles lacewings found as well. Field received 1.25" of rain since last visit. Field has good moisture.
Demo	BCI/US Trust Protocol (No Cover)	5/20	DP 1646 B2XF	50,000	37,254	Last field visit was on 6/10. 1-2 leaf cotton. Cotton shows slight symptoms of thrips however upon sampling it was noted that no thrips were found but instead snails were found. No other pests were observed in field, and very few beneficial insects were found. Deer have been feeding on cotton in this field, mostly up against the tree lines but some out in the field. Field received 1.25" of rain since last visit. Field has good moisture.
Demo	ASHA (Cover)	5/15	UA 222	20,000	16,525	Last field visit was on 6/9. 2-3 leaf cotton. Slight thrips damage was observed but sporadic throughout field. Almost every plant sampled for thrips either had a spider or an insidious flower bug on it, very high rate of beneficial insects in this field. .75" of rain since last visit. Field has very good Moisture.