



2021 Cotton Research Verification / Sustainability Program
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Weekly Update
Update # 1- May 21, 2021

General	There are 16 Demo fields within the CRVSP in 2021. Some of the earliest planted fields of cotton, had to be replanted as cooler than normal temperatures are believed to have impacted emergence and growth. Some areas also received some hard packing rains. Many of the fields have either just been planted or will be planted soon.				
County	Field Name (Tillage Practice/ Cover Crop)	Date Planted	Variety	Seeding Rate/A	General Information
Clay	Clay (No Cover)	4/27 Replanted 5/14	NG 4936 B3XF	50,000 Replant 48,000	Cotton was initially planted on 4/27, soon after had some very cool weather and ended up not having adequate stand to keep, average plants per acre was 13,900 with skips well over three foot long, often on consecutive rows. We dug around to find the remaining seed that did not emerge and all seeds were rotten which we could find and they were few and far between. Producer replanted on 5/14, during field visit on 5/18 no cotton was emerging yet, but the seeds we dug down too had the radicle popping.
Clay	Clay (Cover)	4/27 Replanted 5/14	NG 4936 B3XF	50,000 Replant 48,000	Cotton was initially planted on 4/27, soon after had some very cool weather and ended up not having an adequate stand to keep, average plants per acre was 14,400 with skips well over three foot long, often on consecutive rows. We dug around to find the remaining seed that did not emerge and all seeds were rotten which we could find and they were few and far between. Producer replanted on 5/14, during field visit on 5/18 no cotton was emerging yet, but the seeds we dug down too had the radicle popping.
Lee	Lee (No Cover)	5/1 Replanted 5/15	PHY 360 W3FE Replanted PHY 390 W3FE	42,000 Replant 42,000	Cotton was initially planted on 5/1, soon after the location had received some hard packing rain, and cooler conditions, which is believed to be the reason that the cotton did not continue to grow and became sickly looking. Field also had some large skips. Cotton was replanted on 5/15, and during field visit on 5/19 very few new plants had emerged, but when digging down to look at the seed the radicle was popping on all seeds that I looked at that day.
Lee	Lee (Cover)	5/1	PHY 360 W3FE	42,000	Cotton was planted on 5/1. Cover crop side of the field has favorable stand and looked healthier than that of no cover. This side of field did not have to be replanted, and at last field visit most of the cotton was one leaf.
Lonoke	Lonoke (No Cover)	-	-	-	This location has not been planted yet. Will be planted as soon as the field gets dry enough to plant again.

Lonoke	Lonoke (Cover)	-	-	-	This location has not been planted yet. Will be planted as soon as the field gets dry enough to plant again.
Poinsett	Poinsett Judd Hill (Crop intensification)	5/20	DP 2038 B3XF	18,000	Just planted.
Poinsett	Poinsett Judd Hill (Cover)	5/20	DP 2038 B3XF	36,000	Just planted.
Poinsett	Poinsett Judd Hill (No Cover)	5/20	DP 2038 B3XF	36,000	Just planted.
Poinsett	Poinsett Lepanto (Cover)	-	-	-	This location has not been planted yet.
Poinsett	Poinsett Lepanto (No Cover)	-	-	-	This location has not been planted yet.
St. Francis	St. Francis (No Cover)	5/14	ST 5471 GLTP	48,000	Cotton was planted on 5/14, during field visit on 5/19 no cotton was emerging yet. Dug down to look at seed and the radicle is popping so cotton should be emerging soon.
St. Francis	St. Francis (Cover)	5/14	ST 5471 GLTP	48,000	Cotton was planted on 5/14, during field visit on 5/19 no cotton was emerging yet. Dug down to look at the seed and the radicle is popping so cotton should be emerging soon.
Demo	BCI/US Trust Protocol (Cover)	5/20	DP 1646 B2XF	25,000	Just planted
Demo	BCI/US Trust Protocol (No Cover)	5/20	DP 1646 B2XF	50,000	Just planted

Demo	ASHA (Cover)	5/15	UA 222	20,000	Last field visit on 5/19, No cotton had emerged yet.
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