



2021 Cotton Research Verification/ Sustainability Program
Amanda Free, Coordinator and Joe McAlee, Program Technician
Weekly Update
Update #6 - June 25, 2021

General	There are 16 fields within the CRVSP for 2021. Planting dates range from 5/1 to 5/22. Several fields throughout program are beginning to get dry, but favorable rain chances beginning of next week, if those locations getting dry do not receive rainfall, it is expected that some fields will begin being irrigated soon. As of this week only six fields within the CRVSP program are squaring.				
County	Field Name (Tillage Practice/ Cover Crop)	Date Planted & Variety	Plant Population	# Squaring Nodes	General Information
Clay	Clay (No Cover)	5/14 NG 4936 B3XF	35,250	2	Last field visit was on 6/23. Cotton was 8 leaf and 7.5" tall with an average of two squaring nodes. Field is clean of weeds. A very low number of plant bugs were seen in checks. Cotton is looking much better after having a bad chemical burn last week. Field is beginning to get dry. Hard pan has formed at 6". No rainfall was received since last field visit.
Clay	Clay (Cover)	5/14 NG 4936 B3XF	42,750	3	Last field visit was on 6/23. Cotton was 8 leaf and 8" tall with an average of three squaring nodes. Field is clean of weeds. A very low number of plant bugs were seen in checks. Cotton is looking much better after having bad chemical burn last week. Field is beginning to get dry. Hard pan has formed at 8". No rainfall was received since last field visit.
Lee	Lee (No Cover)	5/15 PHY 390 W3FE	40,850	3	Last field visit was on 6/24. Cotton was 7 leaf and 9" tall with an average of three squaring nodes. For the most part field is clean of weeds, still seeing some volunteer peanuts coming up in a few places. Spiders were all that was seen in insect checks. Hard pan has formed at 3". Field has fair moisture but it will not be long before it will need to be watered if rainfall is not received in the next few days. No rainfall was received since last field visit.
Lee	Lee (Cover)	5/1 PHY 360 W3FE	30,850	5	Last field visit was on 6/24. Cotton was 9 leaf and 11" tall with an average of five squaring nodes. For the most part field is clean of weeds, still seeing some volunteer peanuts coming up in a few places. Snails, ladybug larvae, and spiders were insects seen in checks. Hard pan is forming at 6". Field has fair moisture but it will not be long before it will need to be watered if rainfall is not received in the next few days. No rainfall has been received since last field visit.
Lonoke	Lonoke (No Cover)	5/22 DP 2038 B3XF	23,000	-	Last field visit was on 6/25. Cotton was 7 leaf and 6.5" to 7" tall. Cotton was not squaring yet but should be soon. Weeds present include pigweed, purslane and curly dock field will be sprayed soon. Snails and spiders was all that was seen in the insect checks. Hard pan has formed at 8". Top inch of soil has fair moisture but good moisture on down in the soil profile. No rainfall has been received since last field visit.
Lonoke	Lonoke (Cover)	5/22 DP 2038 B3XF	23,250	-	Last field visit was on 6/25. Cotton was 7 leaf and 7.5" tall. Cotton was not squaring yet but should be soon. Weeds present include pigweed, purslane and curly dock field will be sprayed soon. Snails and spiders was all that was seen in the insect checks. Hard pan has formed at 8". Top inch of soil has fair moisture but good moisture on down in the soil profile. No rainfall has been received since last field visit.

Poinsett	Poinsett Judd Hill (Crop Intensification)	5/20 DP 2038 B3XF	12,609	-	Last field visit was on 6/24. Cotton is 6-7 leaf, 7" tall. No pest insects found, some snails still on cover crop but do not seem to be effecting the cotton. Beneficial insects found were spiders and lacewing larvae, starting to see a variety of ground beetles while walking through field. Top 2" of soil is becoming dry, fair moisture from 2" to 6" and good moisture past 6". No rain since last week, Field may need irrigation depending on rain that is in the forecast for next week
Poinsett	Poinsett Judd Hill (Cereal rye)	5/20 DP 2038 B3XF	27,320	-	Last field visit was on 6/24. Cotton is 6-7 leaf, 7 ½" tall. No pest insects found, some snails still on cover crop but do not seem to be effecting the cotton. Beneficial insects found were spiders and lacewing larvae, starting to see a variety of ground beetles while walking through field. Top 2" of soil is becoming dry, fair moisture from 2" to 6" and good moisture past 6". No rain since last week, Field may need irrigation depending on rain that is in the forecast for next week
Poinsett	Poinsett Judd Hill (No Cover)	5/20 DP 2038 B3XF	29,613	-	Last field visit was on 6/24. Cotton is 6-7 leaf, 7" tall. No pest insects or beneficial insects found. Top 4" of soil is dry, fair moisture from 4" to 6" and good moisture past 6". No rain since last week, Field will need irrigation soon.
Poinsett	Poinsett Lepanto (Cover)	5/21 Armor 9608 B3XF	29,150	-	Last field visit was on 6/22. Cotton is 4 leaf, 5" tall. Few snails were seen in insect checks. Field had fair-good moisture at time of field visit. Hard pan has formed at 8". No rainfall has been received since last field visit. If no rainfall is received in the next few days field may need to soon be irrigated.
Poinsett	Poinsett Lepanto (No Cover)	5/21 Armor 9608 B3XF	31,700	-	Last field visit was on 6/22. Cotton is 4-5 leaf, 5" tall. Few snails were seen in insect checks. Field had fair-good moisture at time of field visit. Hard pan has formed at 8". No rainfall has been received since last field visit. If no rainfall is received in the next few days field may need to soon be irrigated.
St. Francis	St. Francis (No Cover)	5/14 ST 5471 GLTP	36,700	2	Last field visit was on 6/24. Cotton is 8 leaf, 9" tall with an average of two squaring nodes. Soil is getting dry for the first couple of inches, deeper in the soil profile had fair- good moisture. Snails, beetles, lady bugs and parasitic wasp were the insects seen in checks. Hard pan is forming at 12". No rainfall has been received since last field visit.
St. Francis	St. Francis (Cover)	5/14 ST 5471 GLTP	38,400	2	Last field visit was on 6/24. Cotton is 8 leaf, 10" tall with an average of two squaring nodes. Soil is getting dry for the first couple of inches, deeper in the soil profile has fair- good moisture. Lady bugs, big eye bug and 1 immature plant bug was all that was seen in insect checks. Hard pan is forming at 12"/ No rainfall has been receive since last field visit.
Demo	BCI/US Trust Protocol (Cover)	5/20 DP 1646 B2XF	15,666	-	Last field visit was on 6/23. 6 leaf cotton, 6"-7" tall. Few adult thrips found, no damage present. Snails and deer are still biggest pests in field. As for beneficial insects, many spiders and lacewing larvae are in the field. Soil starting to dry down to 2" fair moisture from 2"- 4" and good moisture past 4". No rain since last visit.
Demo	BCI/US Trust Protocol (No Cover)	5/20 DP 1646 B2XF	37,254	-	Last field visit was on 6/23. 6 leaf cotton, 7 ½" tall. Few adult thrips found, no damage present. Snails and deer are still biggest pests in field. Very few beneficial insects found. Soil dry down to 4" fair moisture from 4"- 6" and good moisture past 6". No rain since last visit.
Demo	ASHA (Cover)	5/15 UA 222	16,525	-	Last field visit was on 6/23. 6-7 leaf cotton, 8"-10" tall. No pests found in field, beneficial insects found in field were lady beetles and lady beetle larvae, lacewing larvae and spiders throughout the field. Top 2" of soil is starting to dry, fair moisture from 2" - 4" with good moisture past 4". Field received .1" of rain over the past week.