



2021 Cotton Research Verification/ Sustainability Program
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Weekly Update
Update #16– September 3, 2021

General	There are 16 fields within the CRVSP for 2021. Planting dates range from 5/1 to 5/22. All fields have now reached cutout either from physiological cutout or by seasonal cutout which is based on the latest possible cutout date. Many fields have now accumulated enough heat units beyond cutout that treatments for some insects are terminated. Heat Unit based termination guidelines can be found in the 2021 Arkansas Cotton Quick Facts sheet (AG 1276).					
County	Field Name (Tillage Practice/ Cover Crop)	Date Planted & Variety	Plant Population	Date Cutout DAP- Cutout * = Seasonal Cutout	Heat Units Beyond Cutout	General Information
Clay	Clay (No Cover)	5/14 NG 4936 B3XF	35,250	8/1 79	568	Last field visit was on 8/30. All insect applications have now been terminated based on heat units after cutout. Hard pan has formed at 5". No rainfall was received since last field visit. Plants are beginning to lose chlorophyll. Some lower bolls are beginning to open.
Clay	Clay (Cover)	5/14 NG 4936 B3XF	42,750	8/6 84	500	Last field visit was on 8/30. All insect applications have now been terminated based on heat units after cutout. Hard pan has formed at 6". No rainfall was received since last field visit. This half of the field is not as far along as the other side.
Lee	Lee (No Cover)	5/15 PHY 390 W3FE	40,850	8/1 81	625	Last field visit was on 9/2. Insect applications have now been terminated based on heat units after cutout. Hard pan has formed at 4". Field had received 0.12" of rainfall since last field visit. Few lower bolls are beginning to open. This half of field does not have as many open bolls as the No-till cover side of the field.
Lee	Lee (Cover)	5/1 PHY 360 W3FE	30,850	8/1 92	625	Last field visit was on 9/2. Insect applications have now been terminated based on heat units after cutout. Hard pan has formed at 6". Field had received 0.12" of rainfall since last field visit. Several lower bolls are beginning to open
Lonoke	Lonoke (No Cover)	5/22 DP 2038 B3XF	23,000	8/14 79	408	Last field visit was on 9/1. Snails and plant bug nymphs was all that was seen in insect checks. Plant bug numbers were low, and accumulated heat units past cutout are beyond that for treatment as well. Hard pan has formed at 8". Field had received 0.03" of rainfall since last field visit.
Lonoke	Lonoke (Cover)	5/22 DP 2038 B3XF	23,250	8/15 80	387	Last field visit was on 9/1. Snails was all that was seen in insect checks. Hard pan has formed at 8". Field had received 0.03" of rainfall since last field visit.

Poinsett	Poinsett Judd Hill (Crop Intensification)	5/20 DP 2038 B3XF	12,609	8/10* 81	513	Last field visit was on 9/2. Irrigation has been terminated. Starting to see some of the bottom 1 st position bolls starting to open. All insect treatments have been terminated due to accumulated heat units past cutout. Few pest insects seen in scouting still seeing good numbers of beneficial insects. Field received .4" of rain since last visit. Soil moisture is dry in the top 1", fair moisture down to 4" and good soil moisture going farther down.
Poinsett	Poinsett Judd Hill (Cereal rye)	5/20 DP 2038 B3XF	27,320	8/10* 81	513	Last field visit was on 9/2. Irrigation has been terminated. All insect treatments have been terminated due to accumulated heat units past cutout. Few pest insects' seen, still seeing good numbers of beneficial insects. Field received .4" of rain since last visit. Soil moisture is dry in the top 2", fair moisture down to 4" and good soil moisture going farther down.
Poinsett	Poinsett Judd Hill (No Cover)	5/20 DP 2038 B3XF	29,613	8/10* 81	513	Last field visit was on 9/2. Irrigation has been terminated. Starting to see some of the bottom 1 st position bolls starting to open. All insect treatments have been terminated due to accumulated heat units past cutout. Few insects left in field. Field received .4" of rain since last visit. Soil moisture is dry in the top 3", fair moisture down to 6" and good soil moisture going farther down.
Poinsett	Poinsett Lepanto (Cover)	5/21 Armor 9608 B3XF	29,150	8/10* 81	443	Last field visit was on 8/30. Snails were the only insects seen while scouting. Hard pan has formed at 6". No rainfall was received since last field visit, field was recently irrigated.
Poinsett	Poinsett Lepanto (No Cover)	5/21 Armor 9608 B3XF	31,700	8/11* 82	418	Last field visit was on 8/30. Snails were the only insect seen while scouting. Hard pan has formed at 5". No rainfall was received since last field visit, field was recently irrigated.
St. Francis	St. Francis (No Cover)	5/14 ST 5471 GLTP	36,700	8/8 86	519	Last field visit was on 9/2. Snails and plant bug nymphs was all that was seen in insect checks. Plant bug numbers were low, and accumulated heat units past cutout are beyond that for treatment as well. Hard pan has formed at 4". Field had received 0.24" of rainfall since last field visit.
St. Francis	St. Francis (Cover)	5/14 ST 5471 GLTP	38,400	8/14* 92	383	Last field visit was on 9/2. Spiders was all that was seen in insect checks. Hard pan has formed at 6". Field had received 0.24" of rainfall since last field visit.
Demo	BCI/US Trust Protocol (Cover)	5/20 DP 1646 B2XF	15,666	8/14 85	413	Last field visit was on 9/2. Most insect treatments have been terminated due to accumulated heat units past cutout. Few pest insects' seen, still seeing good numbers of beneficial insects. Field received .55" of rain since last visit. Soil moisture is fair in the top 1" with good soil moisture going farther down.
Demo	BCI/US Trust Protocol (No Cover)	5/20 DP 1646 B2XF	37,254	8/12 83	457	Last field visit was on 9/2. Most insect treatments have been terminated due to accumulated heat units past cutout. Few pest insects seen. Field received .55" of rain since last visit. Soil moisture is fair in the top 3" with good soil moisture going farther down.
Demo	ASHA (Cover)	5/15 UA 222	16,525	8/3 81	662	Last field visit was on 9/2. All insect treatments have been terminated due to accumulated heat units past cutout. Few pest insects' seen, still seeing good numbers of beneficial insects. Slight hardpan has formed at 6". Soil moisture is dry in the top 3", fair moisture down to 5" and good soil moisture going farther down.