



2021 Cotton Research Verification/ Sustainability Program
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Weekly Update
Update #18– September 17, 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. All fields have now accumulated enough heat units beyond cutout that treatments for 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	787	Last field visit was on 9/13. Lower bolls are really opening. Boll counts were done, and approximately 24% of bolls are currently open.
Clay	Clay (Cover)	5/14 NG 4936 B3XF	42,750	8/6 84	712	Last field visit was on 9/13. Lower bolls are opening, however this side of field is not as far along as that of no cover. Percent open boll on this side of the field was 11% during boll counts.
Lee	Lee (No Cover)	5/15 PHY 390 W3FE	40,850	8/1 81	813	Last field visit was on 9/15. Cotton is really beginning to open at this location. Boll counts were collected and approximately 39% of the cotton bolls are currently open. Very little jelly was seen during boll slicing, producer plans to start the defoliation process in the next couple of days.
Lee	Lee (Cover)	5/1 PHY 360 W3FE	30,850	8/1 92	813	Last field visit was on 9/15. Cotton on this side of the field is further along than the no cover portion of the field. Boll counts were collected and approximately 62% of the cotton bolls are currently open. Very little jelly was seen during boll slicing, producer plans to start the defoliation process in the next couple of days.
Lonoke	Lonoke (No Cover)	5/22 DP 2038 B3XF	23,000	8/14 79	624	Last field visit was on 9/14. At time of field visit it is estimated that less than 5% of the cotton bolls are beginning to open. Open or cracked cotton bolls were few and far between when walking the field.
Lonoke	Lonoke (Cover)	5/22 DP 2038 B3XF	23,250	8/15 80	603	Last field visit was on 9/14. At time of field visit it is estimated that approximately 5% of the cotton bolls are beginning to open.

Poinsett	Poinsett Judd Hill (Crop Intensification)	5/20 DP 2038 B3XF	12,609	8/10* 81	731	Last field visit was on 9/16. Boll counts showed approximately 3% open or cracked bolls in this field. Soil moisture is dry in the top 3" fair moisture from 3-6" and good moisture past 6".
Poinsett	Poinsett Judd Hill (Cereal rye)	5/20 DP 2038 B3XF	27,320	8/10* 81	731	Last field visit was on 9/16. Very few open or cracked bolls in this field. Soil moisture is dry in the top 3" fair moisture from 3-6" and good moisture past 6".
Poinsett	Poinsett Judd Hill (No Cover)	5/20 DP 2038 B3XF	29,613	8/10* 81	731	Last field visit was on 9/16. Boll counts showed approximately 7% open or cracked bolls in this field. Soil moisture is dry in the top 4" fair moisture from 4-8" and good moisture past 8".
Poinsett	Poinsett Lepanto (Cover)	5/21 Armor 9608 B3XF	29,150	8/10* 81	657	Last field visit was on 9/13. Open bolls were few and far between on this side of field. Percent open boll was well below 5%.
Poinsett	Poinsett Lepanto (No Cover)	5/21 Armor 9608 B3XF	31,700	8/11* 82	632	Last field visit was on 9/13. Open bolls were few and far between on this sided of field. Percent open boll was well below 5%.
St. Francis	St. Francis (No Cover)	5/14 ST 5471 GLTP	36,700	8/8 86	707	Last field visit was on 9/15. Boll counts were collected during field visit. Lower cotton bolls are beginning to open. This half of the field is further along than the cover side. Approximately 16% of bolls were open during field visit.
St. Francis	St. Francis (Cover)	5/14 ST 5471 GLTP	38,400	8/14* 92	570	Last field visit was on 9/15. Boll counts were collected during field visit. Lower cotton bolls are beginning to open. Approximately 8% of bolls were open during field visit.
Demo	BCI/US Trust Protocol (Cover)	5/20 DP 1646 B2XF	15,666	8/14 85	619	Last field visit was on 9/16. Field had received 1.6" of rain since last visit. Very few open or cracked bolls in this field.
Demo	BCI/US Trust Protocol (No Cover)	5/20 DP 1646 B2XF	37,254	8/12 83	663	Last field visit was on 9/16. Field had received 1.6" of rain since last visit. Very few open or cracked bolls in this field.
Demo	ASHA (Cover)	5/15 UA 222	16,525	8/3 81	910	Last field visit was on 9/16. The first application of harvest aids were applied on 9/13. Approximately 11% of bolls are currently open. Soil moisture is dry in the top 2" fair moisture from 2-5" and good going past 5"