



2021 Cotton Research Verification/ Sustainability Program
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Weekly Update
Update #17– September 10, 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. Most 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	710	Last field visit was on 9/7. Hard pan has formed at 8". 2.1" of rainfall was received since last field visit, field had good moisture. Plants are beginning to lose chlorophyll. Lower bolls are beginning to open.
Clay	Clay (Cover)	5/14 NG 4936 B3XF	42,750	8/6 84	635	Last field visit was on 9/7. Hard pan has formed at 7". 2.1" of rainfall was received since last field visit, field had good moisture. Few of the lower bolls are beginning to open. 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	726	Last field visit was on 9/9. Hard pan has formed at 6". No rainfall received since last field visit; field has fair moisture. Some lower bolls are opening. 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	726	Last field visit was on 9/9. Hard pan has formed at 8". No rainfall received since last field visit; field has fair moisture. Lower bolls are beginning to open.
Lonoke	Lonoke (No Cover)	5/22 DP 2038 B3XF	23,000	8/14 79	537	Last field visit was on 9/8. Hard pan has formed at 6". Field had received 0.05" of rainfall since last field visit, field has fair moisture.
Lonoke	Lonoke (Cover)	5/22 DP 2038 B3XF	23,250	8/15 80	516	Last field visit was on 9/8. Hard pan has formed at 6". Field had received 0.06" of rainfall since last field visit, field has fair moisture.

Poinsett	Poinsett Judd Hill (Crop Intensification)	5/20 DP 2038 B3XF	12,609	8/10* 81	614	Last field visit was on 9/9. 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. Field received 1.2" of rain since last visit. Soil moisture is fair in the top 3", and good soil moisture going farther down.
Poinsett	Poinsett Judd Hill (Cereal rye)	5/20 DP 2038 B3XF	27,320	8/10* 81	614	Last field visit was on 9/9. All insect treatments have been terminated due to accumulated heat units past cutout. Field received 1.2" of rain since last visit. Soil moisture is fair in the top 3", and good soil moisture going farther down.
Poinsett	Poinsett Judd Hill (No Cover)	5/20 DP 2038 B3XF	29,613	8/10* 81	614	Last field visit was on 9/9. 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. Field received 1.2" of rain since last visit. Soil moisture is dry in the top 2", fair soil moisture from 2-4" and good soil moisture going farther down.
Poinsett	Poinsett Lepanto (Cover)	5/21 Armor 9608 B3XF	29,150	8/10* 81	574	Last field visit was on 9/7. Hard pan has formed at 10". 0.42" of rainfall was received since last field visit, field had good soil moisture.
Poinsett	Poinsett Lepanto (No Cover)	5/21 Armor 9608 B3XF	31,700	8/11* 82	549	Last field visit was on 9/7. Hard pan has formed at 5". 0.42" of rainfall was received since last field visit, field had good soil moisture.
St. Francis	St. Francis (No Cover)	5/14 ST 5471 GLTP	36,700	8/8 86	620	Last field visit was on 9/9. Hard pan has formed at 6". No rainfall was received since last field visit, soil moisture is beginning to get dry. Few lower bolls are beginning to open.
St. Francis	St. Francis (Cover)	5/14 ST 5471 GLTP	38,400	8/14* 92	484	Last field visit was on 9/9. Hard pan has formed at 6". No rainfall was received since last field visit, soil moisture is beginning to get dry. This side of the field is not as far along as the FSNC side, but few lower bolls were open.
Demo	BCI/US Trust Protocol (Cover)	5/20 DP 1646 B2XF	15,666	8/14 85	506	Last field visit was on 9/9. All insect treatments have been terminated due to accumulated heat units past cutout. A hardpan has formed around 5". Soil moisture is dry in the top 2" with fair soil moisture from 2-5" and good soil moisture going farther down.
Demo	BCI/US Trust Protocol (No Cover)	5/20 DP 1646 B2XF	37,254	8/12 83	550	Last field visit was on 9/9. All insect treatments have been terminated due to accumulated heat units past cutout. A hardpan has formed around 4". Soil moisture is dry in the top 4" with fair soil moisture from 4-6" and good soil moisture going farther down.
Demo	ASHA (Cover)	5/15 UA 222	16,525	8/3 81	790	Last field visit was on 9/2. All insect treatments have been terminated due to accumulated heat units past cutout. Slight hardpan has formed at 6". Field did receive rain this past week. Soil moisture is fair in the top 2" and good going farther down.