



**2019 Cotton Research Verification / Sustainability
Weekly Update**

Update No. 2

July 12, 2019

General	There are 15 Cotton Research Verification / Sustainability Program fields in 2019. This year there is a wide variety of growth stages across the state as some areas had trouble finding a dry window long enough to get field operations done and planters into the field. Growth stages of cotton ranges from 6 fruiting nodes to NAWF of 5.0 on some of the earliest planted cotton fields. Some fields within the verification program have been watered at least one time. Some fields have had adequate rains at the right times and have avoided having to turn on the pump just yet.				
County	Field Name (Tillage Practice/ Cover Crop)	Date Planted	Variety	NAWF	General Information
Desha	East Weaver (No Cover)	4/22	DP 1646 B2XF	5.80	Cotton in this field is looking much better than it was early on. Field was watered on 7/3 1.68" was applied. At time of field visit on 7/9 field was beginning to show signs of stress, and the soil was getting dry. Field has been irrigated again since last field visit. Cotton had good color, NAWF count was 5.8, and plants were approximately 25.0".
Desha	East Weaver (Cover)	4/22	DP 1646 B2XF	7.10	Cotton in this field is looking much better than it was early on. Field was watered on 7/4, 0.76" was applied. At time of field visit on 7/9 field was beginning to show signs of stress, and the soil was beginning to get dry. Field has been irrigated again since last field visit. Cotton had good color, NAWF was 7.10, and plants were approximately 25.5".
Desha	Shop (No Cover)	4/23	ST 5471 GLTP	5.05	Field was irrigated on 7/4 for the first time this season, and 2.46" was applied. At time of field visit on 7/9 field still had fair moisture. With high chances of participation coming in the next few days in south east Arkansas, the decision was made to see if rainfall is received. Cotton was showing no visual signs of stress. Cotton had good color, NAWF was 5.05, and plants were approximately 25.8".
Desha	Shop (Cover)	4/23	ST 5471 GLTP	6.80	Field was irrigated on 7/3 for the first time this season, and 1.80" was applied. At time of field visit on 7/9 field still had fair moisture. With high chances of participation coming in the next few days in south east Arkansas, the decision was made to see if rainfall is received. Cotton was showing no visual signs of stress. Cotton had good color, NAWF was 6.80, and plants were approximately 24.5".
Desha	S.W. (No Cover)	5/1	DP 1646 B2XF	7.80	At time of field visit on 7/9 field had good moisture. Cotton had good color and looked healthy. Across the field NAWF averaged 7.80, and plants were approximately 33.5".

Desha	S.W. (Cover)	5/1	DP 1725 B2XF	7.05	At time of field visit on 7/9 field had good moisture. Cotton had good color and looked healthy. Across the field NAWF averaged 7.05, and plants were approximately 35.3".
Clay	Clay (No Cover)	4/27	NG 3729 B2XF	7.70	At time of field visit on 7/11, field had fairly good moisture, rained night before visit. Cotton had good color and looked healthy. Average height of plants was 19.8" and NAWF was 7.70.
Clay	Clay (Cover)	4/27	NG 3729 B2XF	7.70	At time of field visit on 7/11, field had fairly good moisture, rained night before visit. Cotton had good color and looked healthy. Average height of plants was 32.3" and NAWF was 7.70.
St. Francis	St. Francis (No Cover)	5/15	ST 5122 GLT	-	At time of field visit on 7/8, field was beginning to get dry, field received some rain on 7/10. Cotton had good color and looked healthy. Field is not very uniform has varying sizes across field. Average height of plants was 26.5". Field should begin flowering in the next few days, at last field visit the crop had an average of 8 fruiting nodes.
St. Francis	St. Francis (Cover)	5/15	ST 5122 GLT	-	At time of field visit on 7/8, field was beginning to get dry, field received some rain on 7/10. Cotton had good color and looked healthy. Field is not very uniform has varying sizes across field. Average height of plants was 30.5". Field should begin flowering in the next few days, at last field visit the crop had an average of 8 fruiting nodes.
Poinsett	Poinsett (No Cover)	5/17	ST 5471 GLTP	-	Last field visit was on 7/10, field had fairly good moisture. Cotton had good color and looked healthy. Average height of plants was 17.5" Field should be flowering within the next 4-5 days, at last field visit the crop had an average of 5.8 fruiting nodes.
Poinsett	Poinsett (Spring Planted Cover)	5/17	ST 5471 GLTP	-	Last field visit was on 7/10, field had fairly good moisture. Cotton had good color and looked healthy. Average height of plants was 15". Field should be flowering within the next 4-5 days, at last field visit the crop had an average of 6.7 fruiting nodes.
Mississippi	Bassett (No Cover)	5/25	DP 1518 B2XF	-	Last field visit was on 7/10, field had fairly good moisture. Cotton had good color and looked healthy. Average height of the plants was 19.3". Field should begin flowering around 7/24. At last field visit the crop had an average of 5.9 fruiting nodes.
Mississippi	Basset (Cover)	5/25	DP 1518 B2XF	-	Last field visit was on 7/10, field had good moisture. Cotton had good color and looked healthy. Average height of the plants was 16.5". Field should begin flowering around 7/24. At last field visit the crop had an average of 6.2 fruiting nodes.
Mississippi	Manila Airport (Spring Planted Cover)	5/29	DP 1518 B2XF	-	Last field visit was on 7/11, field had good moisture. Cotton had good color and looked healthy. Average height of the plants was 18". Field should begin flowering around 7/28. At last field visit the crop had an average of 6 fruiting nodes.