

2017 Colquitt County Irrigated Cotton Variety Demonstration Davis Plot

Variety	Gin Turnout	Lint Yield	Color Grade	Staple	Micronaire	Strength	Leaf Grade	EXT Matter	HVI Color	Rd	+B	HVI Trash	HVI Length	Uniformity
DP 1646 B2XF	0.391	1,339	31	39	4.2	30.5	3	0	31-2	79.9	6.8	0.4	1.23	83.5
ST 6182 GLT	0.405	1,296	41	35	4.3	29.4	2	0	41-1	77.9	7.2	0.3	1.1	81.9
CG 3885 B2XF	0.375	1,271	41	37	4.2	29.0	2	0	41-1	77.3	7.6	0.3	1.14	82.3
ST 5020 GLT	0.366	1,246	41	38	4.3	32.5	4	0	41-1	76.3	7	0.6	1.19	84.1
DP 1538 B2XF	0.391	1,219	31	35	4.5	28.6	2	0	31-1	78.6	7.5	0.2	1.09	82.2
NG 4601 B2XF	0.401	1,210	31	36	4.5	32.8	3	0	31-2	78.3	7.5	0.3	1.13	82.9
PHY 340 W3FE	0.386	1,201	31	36	4.2	31.9	3	0	31-2	78.1	7.6	0.3	1.13	83.3
PHY 330 W3FE	0.382	1,199	31	36	4.6	29.8	3	0	31-2	76.5	8.3	0.5	1.13	83.8
ST 5115 GLT	0.368	1,173	31	36	4.1	31.0	3	0	31-2	79.3	7.1	0.4	1.13	81.5
NG 5007 B2XF	0.378	1,133	31	36	4.3	26.6	3	0	31-2	77.3	7.7	0.4	1.13	83.1
PHY 490 W3FE	0.376	1,046	31	36	4.4	35.1	2	0	31-2	77.5	7.5	0.2	1.13	84
PHY 450 W3FE	0.379	1,039	31	35	4.7	33.4	2	0	31-4	75	8.6	0.2	1.08	83
DP 1747NR B2XF	0.406	957	31	36	4.8	29.9	3	0	31-2	75.5	8.4	0.6	1.13	82.6

Cotton plot was replicated 3 times. Plot was planted on May 3, 2017 and harvested on October 16, 2017. Plots were planted on 36 inch rows and plots were 6 rows wide. Harvested with a roller picker. Rolls were weighed on a platform scale and fiber quality samples were taken and sent to UGA Microgin. The Colquitt County Cooperative Extension would like to thank Davis Family Farms for assistance in project.