

Table 6. Yield performance, fiber characteristics, loan values, and dollar return per acre of cotton varieties grown on a non-irrigated Coushatta silt loam at the Dean Lee Research Station, Alexandria, Louisiana, 2019.

TRT No.	Variety	Lint Yield (lbs./ac.)	Lint (%)	Micronaire	Length (inches)	Strength (g/tex)	Uniformity (%)
19	AMX19A005B3XF	1096	42.5	4.7	1.17	29.7	83.7
12	PX5E28W3FE	1040	39.4	4.3	1.22	34.3	84.4
28	DP1646B2XF	1039	41.4	4.6	1.27	31.8	84.5
3	PX3D43W3FE	1010	41.8	4.7	1.19	35.9	85.7
44	DGX18503-BB3XF	987	40.5	4.8	1.27	34.3	85.4
37	DG3427B3XF	961	42.4	4.8	1.22	33.2	83.5
41	DG3615B3XF	954	41.0	4.9	1.27	34.6	84.2
11	PHY340W3FE	947	41.9	4.8	1.22	32.7	84.3
39	H959B3XF	944	39.2	4.8	1.29	34.7	84.7
42	DG3402B3XF	939	39.0	4.8	1.25	33.3	85.3
43	DG3605B2XF	938	40.8	4.4	1.29	32.5	83.9
6	PX5E34W3FE	936	39.4	4.3	1.20	35.2	84.4
27	DP1845B3XF	932	41.4	4.3	1.29	34.5	84.2
40	DG3526B2XF	931	42.6	4.7	1.16	31.4	84.4
25	DP1518B2XF	895	40.3	4.6	1.21	31.4	84.4
9	PX3D32W3FE	880	39.9	4.6	1.27	35.0	86.0
13	NG3944B3XF	867	41.5	4.9	1.24	32.5	84.2
34	DP1916B3XF	864	41.8	4.9	1.22	35.8	84.3
26	DP1835B3XF	860	42.1	4.7	1.23	32.6	85.4
21	NG5711B3XF	858	40.0	4.6	1.25	33.5	84.0
38	DG3317B3XF	850	42.3	4.9	1.18	33.7	84.7
45	DG3520B3XF	849	38.3	4.0	1.30	34.3	86.3
14	NG3729B2XF	841	41.0	5.1	1.24	32.7	85.9
31	DP1555B2RF	833	42.7	4.8	1.21	33.8	84.3
7	PX5C45W3FE	827	42.5	4.8	1.20	35.0	85.1
24	ST5600B2XF	815	42.1	5.0	1.19	33.5	84.7
5	PX5C05W3FE	806	43.1	5.0	1.17	34.9	85.1
17	NG4936B3XF	801	38.5	4.6	1.25	31.5	85.2
22	ST4550GLTP	799	43.2	4.7	1.21	34.8	85.1
32	UA222	793	37.7	4.7	1.25	34.0	85.1
20	NG3522B2XF	788	40.1	4.8	1.16	29.9	84.2
1	PX3B07W3FE	783	43.4	4.8	1.25	34.8	84.8
30	CG9608B3XF	780	42.6	4.7	1.20	30.7	83.2
47	FM2398GLTP	774	41.5	5.3	1.24	33.3	86.6
8	PHY580W3FE	769	42.6	4.7	1.23	34.9	84.9
16	AMX1828B3XF	769	39.5	4.8	1.22	33.1	84.5
2	PHY480W3FE	757	40.0	4.7	1.23	34.7	86.2
46	19XG9B3XF	749	42.8	4.4	1.28	30.4	83.1
4	PHY350W3FE	742	39.9	4.7	1.22	33.7	85.4
29	DP1851B3XF	727	40.5	4.5	1.25	35.7	85.6
10	PX5D28W3FE	713	41.2	4.6	1.21	36.5	85.3
23	ST5471GLTP	679	38.9	4.9	1.22	35.1	84.6

33	UA114	664	36.9	5.0	1.23	34.5	86.1
18	AMX19A006B3XF	639	36.7	4.6	1.29	38.4	85.2
36	AMX1818B3XF	634	39.1	4.5	1.24	34.5	84.3
35	AMX1816B3XF	633	36.7	4.4	1.23	33.4	84.5
15	NG3930B3XF	631	39.3	4.5	1.20	32.1	85.3
	Overall mean	837	40.7	4.686	1.2304	33.682	84.809
	LSD (0.05)	172.07	0.965	0.15	0.0274	1.088	1.028
	C.V. (%)	17.57	2.27	3.05	2.13	3.09	1.16

Numbers shaded within a column are not significantly different from the numerically greatest value.