

**Table 5. Yield performance, fiber characteristics, loan values, and dollar return per acre of cotton varieties grown on a non-irrigated Latanier clay at the Dean Lee Research Station, Alexandria, Louisiana, 2019.**

TRT No.	Variety	Lint Yield (lbs./ac.)	Lint (%)	Micronaire	Length (inches)	Strength (g/tex)	Uniformity (%)
39	H959B3XF	1337	40.2	4.7	1.27	34.8	85.1
41	DG3615B3XF	1232	42.9	4.8	1.24	34.0	85.2
38	DG3317B3XF	1231	44.1	4.8	1.18	32.4	84.6
44	DGX18503-BB3XF	1177	42.8	4.6	1.25	34.7	84.6
22	ST4550GLTP	1166	44.6	4.6	1.21	34.9	85.5
17	NG4936B3XF	1159	40.0	4.5	1.27	31.2	85.8
23	ST5471GLTP	1142	41.0	4.7	1.22	34.0	84.2
25	DP1518B2XF	1132	41.4	4.5	1.22	31.7	85.0
21	NG5711B3XF	1115	42.0	4.5	1.26	33.0	85.2
11	PHY340W3FE	1114	43.8	4.8	1.25	33.0	86.2
8	PHY580W3FE	1107	43.8	4.6	1.21	35.1	85.7
1	PX3B07W3FE	1105	42.5	4.6	1.25	35.8	86.1
7	PX5C45W3FE	1094	44.0	4.7	1.20	34.8	84.9
12	PX5E28W3FE	1087	38.9	4.1	1.24	35.1	85.7
27	DP1845B3XF	1084	42.2	4.4	1.33	34.4	85.5
29	DP1851B3XF	1082	41.9	4.6	1.25	36.4	86.3
5	PX5C05W3FE	1060	44.2	4.8	1.18	35.0	85.8
37	DG3427B3XF	1060	44.1	4.9	1.18	34.5	83.8
10	PX5D28W3FE	1054	43.3	4.6	1.22	36.3	84.8
9	PX3D32W3FE	1052	41.5	4.6	1.25	34.4	86.0
30	CG9608B3XF	1044	44.9	4.6	1.22	30.7	84.6
3	PX3D43W3FE	1039	41.8	4.8	1.20	35.7	85.0
26	DP1835B3XF	1039	44.7	4.7	1.25	32.3	85.5
28	DP1646B2XF	1028	42.0	4.5	1.29	31.1	85.0
45	DG3520B3XF	1004	38.9	4.0	1.33	35.2	86.9
2	PHY480W3FE	999	42.5	4.6	1.24	33.3	85.6
4	PHY350W3FE	999	40.7	4.6	1.22	34.0	85.5
31	DP1555B2RF	991	44.2	4.6	1.22	35.6	84.7
14	NG3729B2XF	980	41.0	5.1	1.23	33.1	85.8
19	AMX19A005B3XF	979	42.6	4.6	1.20	30.62	84.3
20	NG3522B2XF	973	40.5	4.8	1.17	30.7	84.6
34	DP1916B3XF	971	43.8	4.9	1.25	36.1	85.8
47	FM2398GLTP	971	43.1	5.2	1.24	33.3	86.4
46	19XG9B3XF	956	44.8	4.4	1.30	31.4	84.9
16	AMX1828B3XF	939	41.4	4.8	1.26	33.6	86.1
36	AMX1818B3XF	915	41.3	4.4	1.25	34.6	85.2
6	PX5E34W3FE	878	39.3	4.1	1.25	35.2	85.3
42	DG3402B3XF	859	40.8	4.7	1.26	33.8	86.5
35	AMX1816B3XF	858	38.1	4.2	1.23	32.3	84.3
24	ST5600B2XF	847	42.3	5.1	1.22	35.8	85.4
43	DG3605B2XF	823	41.8	4.4	1.30	32.9	85.7
40	DG3526B2XF	821	44.2	4.8	1.17	32.1	85.5

15	NG3930B3XF	817	41.3	4.5	1.22	31.8	85.7
13	NG3944B3XF	770	42.7	5.0	1.23	33.6	85.4
18	AMX19A006B3XF	756	40.0	4.5	1.29	38.3	85.4
32	UA222	609	38.2	4.9	1.26	34.3	86.2
33	UA114	587	37.9	5.0	1.22	35.5	86.5
	Overall mean	1001	42.0	4.637	1.2386	33.877	85.396
	LSD (0.05)	178.66	1.078	0.156	0.0275	1.12	1.06
	C.V. (%)	17.07	2.45	3.23	2.12	3.16	1.19

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