

Table 8. Yield performance, fiber characteristics, loan values, and dollar return per acre of cotton varieties grown on an irrigated Sharkey clay at the Northeast Research Station, St. Joseph, Louisiana, 2019.

TRT No.	Variety	Lint Yield (lbs./ac.)	Lint (%)	Micronaire	Length (inches)	Strength (g/tex)	Uniformity (%)
7	PX5C45W3FE	1123	43.4	5.0	1.13	29.0	84.7
1	PX3B07W3FE	1100	39.9	4.5	1.18	29.5	83.2
10	PX5D28W3FE	1054	42.2	4.5	1.16	30.7	84.4
37	DG3427B3XF	1041	44.7	5.0	1.12	25.9	82.0
8	PHY580W3FE	1021	41.3	4.9	1.14	29.4	83.9
25	DP1518B2XF	1017	38.6	4.5	1.16	26.3	84.1
2	PHY480W3FE	996	39.2	4.7	1.12	29.2	84.1
5	PX5C05W3FE	993	43.1	5.1	1.08	28.8	83.3
4	PHY350W3FE	985	38.2	4.5	1.14	27.9	83.5
45	DG3520B3XF	985	36.2	3.9	1.23	30.0	85.2
42	DG3402B3XF	966	38.2	4.6	1.16	29.5	83.5
9	PX3D32W3FE	958	37.7	4.4	1.20	30.2	83.6
41	DG3615B3XF	958	40.6	4.9	1.15	28.4	82.6
27	DP1845B3XF	949	39.0	4.3	1.23	31.5	83.8
29	DP1851B3XF	939	38.4	4.6	1.15	30.8	84.5
26	DP1835B3XF	932	40.8	4.7	1.19	27.8	83.6
18	AMX19A006B3XF	929	36.5	4.6	1.23	32.0	84.0
39	H959B3XF	922	36.3	5.0	1.17	28.0	83.7
31	DP1555B2RF	919	41.3	4.9	1.16	30.2	83.8
11	PHY340W3FE	916	40.3	4.7	1.17	28.0	85.2
3	PX3D43W3FE	915	38.8	4.5	1.13	31.3	84.0
21	NG5711B3XF	910	37.3	4.7	1.20	29.5	82.7
23	ST5471GLTP	910	36.3	4.6	1.14	29.7	82.6
30	CG9608B3XF	897	40.8	4.6	1.14	25.1	82.3
28	DP1646B2XF	892	40.1	4.5	1.20	27.8	82.9
19	AMX19A005B3XF	879	39.2	4.5	1.13	26.5	82.7
12	PX5E28W3FE	877	35.9	4.3	1.17	30.5	83.1
43	DG3605B2XF	869	39.2	4.6	1.24	28.2	83.2
24	ST5600B2XF	868	40.0	5.2	1.16	29.4	83.0
44	DGX18503-BB3XF	861	39.7	4.7	1.16	29.3	83.5
32	UA222	839	35.5	4.7	1.19	29.5	84.9
34	DP1916B3XF	832	39.7	4.7	1.16	30.0	83.9
6	PX5E34W3FE	831	35.8	4.3	1.19	31.1	83.5
47	FM2398GLTP	831	38.7	5.0	1.18	27.9	85.1
20	NG3522B2XF	826	35.1	4.6	1.12	24.8	81.7
40	DG3526B2XF	825	39.1	4.9	1.12	27.3	83.2
22	ST4550GLTP	821	40.4	4.5	1.16	32.5	84.8
16	AMX1828B3XF	814	37.9	4.6	1.19	28.4	83.8
14	NG3729B2XF	811	37.1	4.9	1.14	28.0	83.8
46	19XG9B3XF	781	40.6	4.5	1.23	27.7	83.5
17	NG4936B3XF	773	34.9	4.4	1.19	27.0	84.2
15	NG3930B3XF	751	36.1	4.6	1.18	26.9	84.0

33	UA114	730	34.4	4.8	1.18	30.7	85.2
38	DG3317B3XF	711	38.3	4.9	1.15	30.2	84.1
35	AMX1816B3XF	668	32.2	4.0	1.15	26.8	82.9
36	AMX1818B3XF	666	34.4	4.5	1.19	31.8	84.7
13	NG3944B3XF	655	39.4	4.8	1.16	28.3	83.0
	Overall mean	888	38.6	4.637	1.1665	28.918	83.677
	LSD (0.05)	92.91	0.871	0.208	0.0306	1.307	1.102
	C.V. (%)	8.93	1.93	3.3	1.93	3.33	1.12

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