

Table 10. Yield performance, fiber characteristics, loan values, and dollar return per acre of cotton varieties grown on an irrigated Moreland clay at the Red River Research Station, Bossier City, Louisiana, 2019.

TRT No.	Variety	Lint Yield (lbs./ac.)	Lint (%)	Micronaire	Length (inches)	Strength (g/tex)	Uniformity (%)
38	DG3317B3XF	1576	40.2	4.6	1.21	34.4	86.1
1	PX3B07W3FE	1549	39.8	4.7	1.23	36.9	85.6
5	PX5C05W3FE	1530	40.7	4.6	1.24	37.4	87.3
18	AMX19A006B3XF	1475	38.5	4.5	1.22	37.4	84.5
25	DP1518B2XF	1450	39.9	4.5	1.22	35.5	85.8
26	DP1835B3XF	1446	40.7	4.5	1.25	35.9	85.2
4	PHY350W3FE	1444	38.3	4.4	1.21	35.8	85.7
30	CG9608B3XF	1422	40.5	4.4	1.21	32.5	84.3
7	PX5C45W3FE	1408	41.1	4.7	1.21	36.6	86.4
39	H959B3XF	1385	39.8	4.6	1.22	35.8	86.5
22	ST4550GLTP	1384	40.4	4.5	1.21	37.3	86.6
16	AMX1828B3XF	1383	40.7	4.7	1.21	36.7	85.6
29	DP1851B3XF	1347	39.5	4.4	1.19	37.9	85.3
28	DP1646B2XF	1329	39.7	4.6	1.25	35.1	85.8
8	PHY580W3FE	1312	37.9	4.4	1.25	37.9	87.0
24	ST5600B2XF	1280	39.5	4.9	1.21	35.0	85.5
41	DG3615B3XF	1273	40.4	4.6	1.21	36.6	85.2
40	DG3526B2XF	1272	40.1	4.5	1.19	33.1	85.2
2	PHY480W3FE	1251	38.3	4.4	1.23	36.4	85.7
15	NG3930B3XF	1249	39.1	4.4	1.21	32.7	85.2
11	PHY340W3FE	1244	41.0	4.7	1.22	35.7	85.6
44	DGX18503-BB3XF	1237	38.8	4.5	1.27	35.0	85.7
3	PX3D43W3FE	1234	41.3	4.4	1.23	36.3	85.8
19	AMX19A005B3XF	1230	38.6	4.2	1.23	32.8	86.4
14	NG3729B2XF	1229	37.6	4.4	1.26	35.0	86.8
35	AMX1816B3XF	1227	38.0	4.6	1.24	34.4	86.0
21	NG5711B3XF	1225	36.1	4.1	1.25	34.8	84.8
17	NG4936B3XF	1196	38.8	4.6	1.26	35.9	85.9
12	PX5E28W3FE	1196	36.9	3.9	1.26	37.8	86.2
9	PX3D32W3FE	1194	37.5	4.4	1.22	35.9	85.6
31	DP1555B2RF	1190	39.9	4.4	1.27	35.2	86.5
27	DP1845B3XF	1182	40.2	4.5	1.25	35.3	86.6
32	UA222	1181	36.8	4.5	1.26	36.0	86.5
45	DG3520B3XF	1171	37.0	4.0	1.27	37.1	86.5
20	NG3522B2XF	1165	38.5	4.5	1.20	32.0	84.1
46	19XG9B3XF	1163	40.4	4.4	1.27	35.2	86.4
37	DG3427B3XF	1152	37.9	4.6	1.23	37.7	85.3
34	DP1916B3XF	1130	41.8	4.6	1.23	36.3	85.4
36	AMX1818B3XF	1121	38.8	4.5	1.27	36.2	86.3
42	DG3402B3XF	1113	38.5	4.7	1.24	36.0	86.1
13	NG3944B3XF	1097	38.3	4.6	1.27	37.5	87.2
6	PX5E34W3FE	1068	38.2	4.2	1.21	36.8	85.5

43	DG3605B2XF	1066	38.6	4.5	1.24	34.5	85.2
10	PX5D28W3FE	1058	39.0	4.1	1.23	37.4	85.5
23	ST5471GLTP	1016	36.9	4.8	1.22	36.1	85.7
47	FM2398GLTP	893	37.7	4.4	1.23	35.5	85.6
33	UA114	859	36.4	4.7	1.25	36.8	85.8
	Overall mean	1247	39.0	4.473	1.23	35.776	85.802
	LSD (0.05)	233.35	2.314	0.338	NS	2.192	1.185
	C.V. (%)	15.98	5.06	6.45	3.76	5.23	1.18

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