

**Table 9. Yield performance, fiber characteristics, loan values, and dollar return per acre of cotton varieties grown on an irrigated Commerce silt loam at the Northeast Research Station, St. Joseph, Louisiana, 2019.**

TRT No.	Variety	Lint Yield (lbs./ac.)	Lint (%)	Micronaire	Length (inches)	Strength (g/tex)	Uniformity (%)
9	PX3D32W3FE	1476	38.8	4.4	1.25	33.3	85.7
3	PX3D43W3FE	1450	38.3	4.6	1.19	36.5	85.5
1	PX3B07W3FE	1388	41.3	4.6	1.20	34.4	84.8
43	DG3605B2XF	1312	40.0	4.4	1.26	32.8	84.9
25	DP1518B2XF	1293	39.0	4.4	1.19	29.5	85.1
12	PX5E28W3FE	1275	37.0	4.2	1.22	34.3	85.7
6	PX5E34W3FE	1272	37.8	4.4	1.21	34.5	85.4
16	AMX1828B3XF	1270	40.3	4.7	1.22	32.7	86.1
33	UA114	1250	37.8	5.0	1.24	33.4	86.7
30	CG9608B3XF	1240	44.0	4.7	1.18	29.6	84.7
31	DP1555B2RF	1228	43.0	4.9	1.21	32.1	84.8
19	AMX19A005B3XF	1214	39.3	4.8	1.19	28.9	84.4
11	PHY340W3FE	1209	41.0	4.7	1.21	32.0	85.0
5	PX5C05W3FE	1207	41.8	4.8	1.21	33.6	85.6
42	DG3402B3XF	1200	37.8	4.8	1.23	32.3	86.0
37	DG3427B3XF	1198	43.3	5.1	1.17	30.0	82.8
45	DG3520B3XF	1172	38.0	4.1	1.24	33.3	85.6
28	DP1646B2XF	1168	40.3	4.8	1.26	30.8	84.1
24	ST5600B2XF	1165	41.0	5.0	1.23	34.0	85.2
29	DP1851B3XF	1162	40.3	4.9	1.20	34.9	85.6
14	NG3729B2XF	1154	39.8	5.0	1.24	31.5	85.7
13	NG3944B3XF	1149	41.3	5.3	1.20	30.0	83.4
20	NG3522B2XF	1134	38.8	4.9	1.14	27.7	83.3
10	PX5D28W3FE	1131	42.8	4.5	1.18	33.6	83.3
22	ST4550GLTP	1129	42.3	4.9	1.21	33.2	85.1
32	UA222	1126	36.8	4.8	1.25	31.9	85.0
23	ST5471GLTP	1115	36.3	4.8	1.18	34.6	83.6
40	DG3526B2XF	1108	41.8	4.9	1.14	30.6	85.1
7	PX5C45W3FE	1099	39.0	4.9	1.23	34.3	86.4
47	FM2398GLTP	1089	41.8	5.4	1.22	32.0	85.8
27	DP1845B3XF	1089	40.8	4.4	1.30	33.6	85.9
2	PHY480W3FE	1077	38.8	4.6	1.21	32.5	86.5
4	PHY350W3FE	1069	35.3	4.9	1.19	33.3	85.0
34	DP1916B3XF	1067	41.3	4.8	1.22	33.0	84.7
17	NG4936B3XF	1053	38.0	4.7	1.26	29.8	85.8
15	NG3930B3XF	1037	37.0	4.9	1.22	30.4	85.8
38	DG3317B3XF	1027	41.8	4.9	1.23	32.6	85.2
41	DG3615B3XF	1021	38.0	4.9	1.22	32.7	84.7
39	H959B3XF	1020	36.3	4.7	1.27	33.9	86.0
18	AMX19A006B3XF	1009	35.8	4.6	1.27	35.7	85.6
35	AMX1816B3XF	1004	34.3	4.2	1.23	30.5	85.0
26	DP1835B3XF	993	40.3	5.0	1.23	32.0	85.5

46	19XG9B3XF	979	43.3	4.6	1.26	30.9	84.7
44	DGX18503-BB3XF	917	39.8	4.8	1.25	33.7	84.8
8	PHY580W3FE	883	40.8	4.8	1.23	34.2	85.7
21	NG5711B3XF	868	39.0	4.8	1.25	32.3	85.4
36	AMX1818B3XF	827	37.0	4.6	1.23	34.8	85.6
	Overall mean	1134	39.5	4.742	1.2202	32.513	85.145
	LSD (0.05)	155.79	1.550	0.237	0.0349	1.527	1.257
	C.V. (%)	11.73	3.36	3.68	2.11	3.46	1.09

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