



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

**2022 mean yield performance of varieties cultivated at 4 locations in the Delta Region
excluding Holly Bluff due to missing entries.**

Variety	Lint Yield† (lb/acre)	Lint %	Measurement				
			Length (in.)	Mic. ----	Strength (g/tex)	Uniformity	Loan Value ¢/LB
DP 2127 B3XF	1483	45.8	1.16	4.8	31.1	83.9	52.01
PHY 390 W3FE	1482	45.5	1.18	4.5	32.6	83.3	54.28
PHY 415 W3FE	1463	45.8	1.22	4.6	33.7	84.1	50.85
PHY 400 W3FE	1461	45.8	1.2	4.6	32.3	83.7	54.23
PHY 411 W3FE	1436	45.6	1.18	4.6	32.8	83.7	52.75
NG 3195 B3XF	1422	44.2	1.19	4.7	32.3	84.5	53.74
PHY 332 W3FE	1409	44.5	1.21	4.6	32.6	84	53.47
ST 4595B3XF	1382	45.2	1.19	4.6	31.3	83.4	52.11
DG 3519 B3XF	1365	44.1	1.23	4.3	33.3	84.3	53.51
DP 2333 B3XF	1348	44.6	1.21	4.6	31.8	84.3	51.59
PX1130B333-04	1338	45.1	1.18	4.6	33.1	84.2	54.03
DP 2141NR B3XF	1336	43.9	1.2	4.8	33.3	84.1	52.97
ST 5091B3XF	1336	43.4	1.19	4.5	31.7	83.3	52.3
PHY 443 W3FE	1335	45.5	1.19	4.6	32.8	83.8	53.59
NG 3299 B3XF	1320	45	1.19	4.7	32.7	84.2	54.15
DP 2020 B3XF	1319	43.1	1.21	4.4	32	83.7	52.75
Armor 9371 B3XF	1318	45.5	1.17	4.6	31.3	84	53.53
DP 2143NR B3XF	1313	44.3	1.2	5	33.2	84.3	51.88
PX1140B373-04	1310	44.5	1.19	4.7	33.1	84.5	52.7
BX2394B3XF	1309	44	1.2	4.4	32.1	83	54.21
DP 2038 B3XF	1305	46.8	1.16	4.8	31	83.2	51.65
BX2392B3XF	1297	44.2	1.2	4.5	31.9	84.1	53.89
PHY 360 W3FE	1296	44.1	1.19	4.5	31.6	83.2	52.81
DP 1646 B2XF	1273	44.4	1.25	4.5	31.5	84.4	53.2
DG 3511 B3XF	1271	45.2	1.2	4.7	33.6	84.4	53.92
DP 2115 B3XF	1258	45.4	1.2	4.7	32.3	83.9	53.89
DG 3555 B3XF	1255	42.9	1.23	4.4	31.4	84.2	53.64
DG 3456 B3XF	1250	44.4	1.19	4.5	31.6	84	53
DP 2012 B3XF	1246	43.1	1.2	4.6	32	83.8	54.23
DP 2239 B3XF	1242	44.7	1.22	4.6	31.5	83.7	54.1
NG 4190 B3XF	1234	42.5	1.21	4.5	31.4	84.4	53.58
ST 4990B3XF	1209	42.6	1.19	4.7	31.3	83.8	53.24
DG 3535 B3XF	1209	43.1	1.2	4.6	31.9	83.5	54.58
PX1130B336-04	1204	44.5	1.17	4.7	32.2	83.8	53.32
Armor 9831 B3XF	1186	44.7	1.19	4.6	32.5	83.5	52.98
BX2396B3XF	1178	44.2	1.19	4.7	31	83.8	54.16
BX2398B3XF	1145	42.8	1.21	4.6	31.6	84.2	52.87



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DG 3615 B3XF	1002	44.7	1.2	4.7	33	83.5	51.3
DG 3799 B3XF	999	43.5	1.21	4.6	32.3	83.5	53.1
Overall Mean	1293	44.3	1.19	4.6	32.2	83.8	53.17
LSD (0.05)	156	1.5	0.02	0.2	1.2	0.9	2.45
C.V (%)	16.8	4.7	2.7	5.6	4.5	1.4	5.6

*Yield in bold type are not significantly different from the highest yielding variety.