



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

One-year mean yield performance and fiber characteristics for cotton varieties submitted for testing in 2021 averaged across all (7) testing locations.

Variety	Measurement						
	Lint Yield†	Lint	Length	Mic.	Strength	Uniformity	Loan Value
	(lb/acre)	(%)	(in.)	----	(g/tex)	(%)	¢/LB
PHY 411 W3F	1181	0.42	1.16	4.2	32.9	83.1	51.94
DP 2127 B3X	1154	0.41	1.18	4.5	32.1	84.4	51.24
DP 2115 B3X	1123	0.41	1.2	4.4	32.3	84	49.97
PHY 400 W3F	1118	0.41	1.21	4.1	34.1	83.4	50.13
20R744 B3XF	1111	0.42	1.21	4	31.4	82.8	49.08
NG 3195 B3X	1111	0.41	1.19	4.2	32.6	83.6	48.72
ST 4595 B3X	1109	0.41	1.23	4.1	31.3	83.7	51.01
PHY 443 W3F	1100	0.42	1.18	4.2	33.9	83.9	48.96
PHY 390 W3F	1084	0.41	1.19	4	33.1	83.1	50.98
DG 3456 B3X	1084	0.41	1.2	4.2	31.2	83.3	52.62
Armor 9371 E	1081	0.42	1.19	4.2	31.7	84.2	49.48
PX1130A329-	1080	0.43	1.21	4.3	33.3	83.5	50.6
NG 5150 B3X	1071	0.4	1.21	4.2	32	83.4	49.26
BX 2297 B3X	1070	0.42	1.19	4.4	31.1	83.3	52.17
ST 4993 B3X	1068	0.41	1.19	4.4	33.9	84.2	51.73
NG 4190 B3X	1068	0.41	1.22	4.1	32.3	84.1	48.56
PHY 360 W3F	1054	0.4	1.2	4.1	32.2	82.8	49.36
PX1140A383-	1043	0.41	1.22	4.1	34	84	51.24
ST 5091 B3X	1043	0.41	1.2	4.2	31	83	52.28
DP 1646 B2X	1041	0.41	1.23	4.1	32	83.5	50.11
Armor 9608 E	1040	0.43	1.2	4.2	31.6	83.3	50.13
PHY 332 W3F	1039	0.4	1.22	4.1	33.2	83.4	48.21
ST 4990 B3X	1032	0.39	1.22	4.3	32.1	84.4	49.05
DP 2020 B3X	1030	0.39	1.23	4.2	32.5	84	51.45
PX1140A385-	1025	0.42	1.19	4.3	34.1	84.2	47.05
DG 3644 B3X	1017	0.4	1.22	4.4	33.9	83.6	50.84
DP 2012 B3X	1009	0.4	1.22	4.3	32.9	83.8	51.15
DP 2038 B3X	1005	0.43	1.17	4.3	32.4	82.8	48.78
AMX20B037 I	1001	0.41	1.21	4.5	34.1	84.5	52.61
BX 2298 B3X	991	0.41	1.16	4.4	31.4	83.3	50.66
20R734 B3XF	984	0.41	1.2	4.4	31.7	82.9	51.01
DG 3317 B3X	978	0.41	1.18	4.3	31.9	83.8	51.15
DG 3535 B3X	968	0.4	1.21	4.2	32.1	83.8	50.57
DG 3555 B3X	967	0.4	1.24	4	33	84.1	48.63
20R733 B3XF	948	0.41	1.25	4.1	32.1	83.4	48.03
NG 4936 B3X	948	0.4	1.24	4.2	32	84.3	51.38



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DG 3520 B2X	946	0.39	1.25	3.9	32.7	83.9	48.77
DG 3469 B3X	945	0.4	1.2	4.4	31.5	84	50.14
Armor 9831 E	922	0.41	1.22	4.4	32.8	83.3	50.44
NG 5711 B3XF	909	0.39	1.23	4.2	32.5	83.6	52.52
BX2296 B3XF	896	0.42	1.19	4.5	32.5	83.6	46.23
20R745 B3XF	851	0.42	1.2	4	33.4	82.1	50.53
UA 222	841	0.39	1.23	4.2	32.7	83.8	51.23
UA 114	695	0.39	1.21	4	33	83.6	51.29
Overall Mean	1018	0.4	1.2	4.2	32.5	83.6	50.25
LSD(0.05)	87.79	0.01	0.01	0.1	0.7	0.6	NSD
C.V. (%)	16	5.5	2.7	7.2	4	1.3	NSD

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