



MISSISSIPPI STATE UNIVERSITY™
**MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION**

2021 mean yield performance of cotton varieties cultivated at 4 locations in the Delta Region.

Variety	Measurement						
	Lint Yield†	Lint	Length	Mic.	Strength	Uniformity	Loan Value
	(lb/acre)	(%)	(in.)	---	(g/tex)	(%)	¢/LB
PHY 411 W3F	1556	0.42	1.17	4.2	32.7	83.2	53.18
NG 3195 B3X	1550	0.42	1.19	4.2	32	83.7	49.64
NG 5150 B3X	1447	0.4	1.22	4.2	31.8	83.5	51.33
DP 2127 B3X	1440	0.41	1.19	4.6	31.6	84.4	50.71
PHY 390 W3F	1419	0.42	1.2	4.1	33.2	83.2	51.58
Armor 9371 E	1412	0.42	1.2	4.2	31.5	84.2	49.11
PHY 443 W3F	1389	0.41	1.19	4.2	33.4	84.2	49.16
DP 2115 B3X	1377	0.42	1.19	4.4	32	83.9	52.24
NG 4190 B3X	1377	0.41	1.22	4.1	32.3	84.3	46.96
PX1140A383-	1370	0.41	1.24	4.1	34.1	84.5	52.02
20R744 B3XF	1367	0.42	1.22	4	31.6	83.1	50.52
PHY 360 W3F	1343	0.41	1.2	4	31.9	82.8	49.21
PHY 400 W3F	1341	0.41	1.21	4.1	34.2	83.7	52.49
PHY 332 W3F	1337	0.4	1.23	4.1	33.4	83.6	49.28
DG 3456 B3X	1330	0.41	1.2	4.1	31.3	83.3	52.05
ST 4993 B3X	1326	0.42	1.2	4.4	33.7	84.8	53.95
ST 4595 B3X	1314	0.42	1.22	4.1	30.9	83.5	53.04
ST 4990 B3X	1309	0.39	1.22	4.3	31.8	84.2	50.04
AMX20B037	1308	0.42	1.21	4.5	34.1	84.9	52.04
PX1130A329-	1300	0.42	1.22	4.3	33.3	83.8	53.24
PX1140A385-	1287	0.43	1.2	4.1	34	84.5	50.2
DG 3644 B3X	1286	0.39	1.23	4.3	34	83.5	51.78
DG 3317 B3X	1267	0.41	1.19	4.3	32.1	84	51.98
DP 2020 B3X	1265	0.39	1.22	4.1	32.5	83.8	52.98
Armor 9608 E	1258	0.43	1.2	4.1	31.1	83.2	51.09
BX 2297 B3X	1246	0.42	1.19	4.4	31.1	83.4	53.29
DG 3555 B3X	1245	0.39	1.24	3.8	33.3	84.4	49.68
DP 2012 B3X	1239	0.4	1.21	4.2	32.7	83.7	51.71
ST 5091 B3X	1232	0.41	1.2	4.1	30.8	83	52.85
NG 4936 B3X	1223	0.4	1.24	4.2	31.8	84.4	51.98
DP 2038 B3X	1217	0.43	1.17	4.2	32	82.6	50.66
Armor 9831 E	1195	0.41	1.21	4.2	32.5	83.3	52.4
20R734 B3XF	1192	0.42	1.19	4.3	31.2	82.8	50.21
DG 3535 B3X	1191	0.4	1.22	4.1	31.8	83.9	50.75
DP 1646 B2X	1177	0.41	1.23	4.1	31.6	83.3	51.13
BX 2298 B3X	1176	0.41	1.16	4.4	31.4	83.5	52.39



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			Length	Mic.	Strength	Uniformity	Loan Value
	(lb/acre)	(%)	(in.)	- - -	(g/tex)	(%)	¢/LB
DG 3520 B2X	1167	0.38	1.25	3.7	33.1	84.4	49.66
20R733 B3XF	1163	0.42	1.25	4.1	31.8	83.5	48.13
DG 3469 B3X	1158	0.39	1.2	4.3	32	83.9	52.07
NG 5711 B3XF	1158	0.39	1.23	4.1	32.5	83.6	52.67
20R745 B3XF	1094	0.42	1.2	4	33.4	82.2	51.47
BX2296 B3XF	1092	0.43	1.2	4.3	32.5	83.9	46.32
UA 222	1035	0.38	1.23	4.2	32.9	83.9	53.86
UA 114	899	0.38	1.23	4.2	33.4	84.3	52.45
Overall Mean	1274	0.4	1.21	4.2	32.4	83.7	51.21
LSD(0.05)	111	0	0.02	0.2	1	0.8	NSD
C.V. (%)	12.1	3.9	2.7	7	4.1	1.2	NSD

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