



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

2021 mean yield performance of varieties cultivated at 3 locations in the Hill region

Variety	Measurement						
	Lint Yield†	Lint	Length	Mic.	Strength	Uniformity	Loan Value
	(lb/acre)	(%)	(in.)	----	(g/tex)	(%)	¢/LB
BX 2297 B3XF	819	0.41	1.19	4.4	31.2	83.3	50.96
DP 1646 B2XF	799	0.41	1.24	4.2	32.4	83.7	48.93
ST 4595 B3XF	799	0.4	1.23	4.2	31.8	83.9	48.65
DP 2127 B3XF	790	0.4	1.18	4.4	32.6	84.5	51.85
PX1130A329-04 W3FE	786	0.43	1.2	4.3	33.2	83.1	47.51
ST 5091 B3XF	784	0.41	1.19	4.3	31.2	82.9	51.61
DP 2115 B3XF	783	0.4	1.21	4.5	32.6	84.1	47.33
20R744 B3XF	770	0.42	1.2	4	31.2	82.4	47.41
Armor 9608 B3XF	768	0.43	1.2	4.4	32.1	83.4	49
BX 2298 B3XF	760	0.41	1.16	4.4	31.5	83.2	48.65
DG 3456 B3XF	756	0.41	1.2	4.4	31	83.2	53.29
DP 2020 B3XF	737	0.39	1.23	4.3	32.4	84.3	49.67
PHY 400 W3FE	736	0.41	1.2	4.1	33.9	83.1	47.37
DG 3469 B3XF	728	0.4	1.19	4.5	30.9	84	47.89
DG 3520 B2XF	726	0.4	1.24	4.1	32.2	83.4	47.73
DP 2038 B3XF	722	0.42	1.18	4.4	32.8	83	46.58
DP 2012 B3XF	721	0.39	1.22	4.3	33	84	50.48
ST 4993 B3XF	717	0.41	1.18	4.3	34.2	83.5	49.13
PHY 443 W3FE	714	0.43	1.17	4.2	34.5	83.6	48.73
PHY 411 W3FE	712	0.41	1.15	4.1	33.1	83	50.49
ST 4990 B3XF	710	0.39	1.22	4.4	32.3	84.6	47.89
20R734 B3XF	706	0.41	1.2	4.5	32.1	83.1	51.95
PHY 332 W3FE	690	0.4	1.21	4.2	32.9	83.1	46.97
DG 3535 B3XF	690	0.41	1.21	4.4	32.4	83.8	50.35
AMX20B037 B3XF	683	0.41	1.21	4.4	34.1	84.1	53.27
DG 3644 B3XF	680	0.41	1.21	4.5	33.7	83.8	49.75
PX1140A385-04 W3FE	676	0.41	1.18	4.5	34.2	84	43.38
PHY 360 W3FE	668	0.4	1.19	4.2	32.6	82.9	49.53
DG 3555 B3XF	666	0.4	1.23	4.1	32.7	83.8	47.41
20R733 B3XF	662	0.4	1.24	4.2	32.4	83.4	47.91
BX2296 B3XF	652	0.41	1.18	4.6	32.6	83.2	46.13
PHY 390 W3FE	638	0.4	1.18	4	32.9	82.9	50.29
PX1140A383-04 W3FE	634	0.41	1.2	4.2	33.9	83.4	50.33
Armor 9371 B3XF	619	0.41	1.19	4.2	31.8	84.1	49.9
NG 5711 B3XF	618	0.4	1.22	4.3	32.6	83.6	52.35
NG 4190 B3XF	618	0.4	1.21	4	32.3	83.9	50.42



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NG 5150 B3XF	594	0.4	1.2	4.2	32.1	83.4	47.02
DG 3317 B3XF	584	0.41	1.17	4.3	31.6	83.6	50.18
UA 222	582	0.39	1.21	4.2	32.5	83.8	48.16
Armor 9831 B3XF	581	0.4	1.22	4.5	33.1	83.4	48.15
NG 4936 B3XF	572	0.4	1.23	4.3	32.2	84.3	50.68
NG 3195 B3XF	561	0.41	1.19	4.1	33.3	83.5	47.64
20R745 B3XF	497	0.41	1.22	4.1	33.4	81.9	49.43
UA 114	440	0.41	1.19	3.8	32.5	82.8	49.93
Overall Mean	685	0.41	1.2	4.2	32.5	83.4	49.14
LSD(0.05)	136	0.02	0.02	0.2	1	0.9	NSD
C.V. (%)	24.3	7.16	2.8	7.4	3.9	1.4	NSD

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