



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND FORESTRY EXPERIMENT STATION

Mean yield performance and fiber characteristics for cotton varieties across all four (4) HILL locations in 2024.

Variety	Lint Yield†	Lint	Measurement				
			Length	Mic.	Strength	Uniformity	Loan Value
			(in.)	----	(g/tex)		¢/LB
PX1140F331-04W3FE	992	43.8	1.18	4.2	32.7	83.4	52.51
PX1140F329-04W3FE	981	43.9	1.17	3.9	31.4	82.4	52.33
PX1150F360-04W3FE	955	43.6	1.23	4.1	32.8	83.6	52.52
23R9128B3TXF	955	46	1.17	4.1	31.6	82.3	52.38
DP 2328 B3TXF	929	43.5	1.14	4.1	29	81.5	51.33
AMX 12526 B3XF	924	45.5	1.17	4.4	31.7	83.3	52.38
PX1150F361-04W3FE	921	42.8	1.18	4	33.1	83.7	52.61
DG 4530 B3TXF	920	42.9	1.19	3.8	29	82.9	52.14
DP 2115 B3XF	912	43.4	1.17	4.4	30.3	82.8	52.24
PHY443W3FE	899	44.5	1.15	4.3	32.7	83.1	52.51
DP 2414 B3TXF	884	45	1.17	4.1	29.2	82.2	52.14
PX1150F357-04W3FE	884	44.1	1.14	4.2	33.4	83.5	52.53
DP 2127 B3XF	882	44.4	1.12	4.3	30	83.5	52.25
PX1130F309-04W3FE	882	41.6	1.16	4.1	31.7	83.1	52.42
NG 3195 B3XF	879	42.8	1.16	4.3	29.9	82.7	52.2
PHY411W3FE	871	44.7	1.11	4.3	30.9	82.3	52.3
PX1140F330-04W3FE	867	43.6	1.17	4.2	30.8	82.7	52.29
BX2531AXTP	858	42.7	1.2	3.6	30.5	82.7	52.29
NG 5430 B3XF	855	44	1.13	4.6	30.9	83	52.26
PHY360W3FE	852	43.3	1.16	4.3	29	81.7	52.13
AMX12502 B3TXF	848	43.6	1.17	4.3	29.2	81.4	51.99
DG 3528 B3XF	843	43.8	1.19	4	29.9	82.6	52.24
Armor 24X951 B3TXF	830	44.7	1.17	4.2	29.1	81.5	51.98
DP 2141NR B3TXF	820	43.2	1.15	4.5	32.3	82.9	52.49
DP 2333 B3XF	820	44	1.13	4.5	28.8	81.9	51.38
PHY332W3FE	817	42.2	1.2	4	32	82.8	52.43
PHY475W3FE	816	40.5	1.15	4.2	32.3	82.2	52.41
AMX12507 B3TXX	804	40.6	1.23	3.7	31.5	82.4	52.35
PHY415W3FE	800	42.9	1.19	4.1	32.3	82.8	52.45
23R9143B3TXF	792	44.7	1.18	4.4	31.9	83.8	52.47
Armor 24X954 B3TXF	778	42.5	1.17	4	29.2	82.6	52.11
NG 3457 B3XF	777	43.3	1.18	4.4	30.2	83.1	52.26
Armor 9371 B3XF	774	43.7	1.15	4.1	28.5	82.9	51.5
BX2557AXTP	770	45	1.2	4.5	31.5	83.4	52.41
BX2533AXTP	768	42.2	1.2	4	30.5	82.7	52.29
NG 4405 B3TXF	764	41.2	1.19	3.8	29.7	82.8	52.18
BX2556AXTP	761	42.1	1.16	3.9	31.7	81.8	52.26
BX2515AXTP	754	42.8	1.19	4.2	29.4	81.6	52.14
ST6000AXTP	753	45	1.2	4	33.1	83.1	52.5
23R9822B3TXF	747	43.2	1.15	4.1	29	82.3	52.12
BX2555AXTP	731	45.9	1.19	3.9	32.2	82.6	52.44
AMX 12572 B3TXF	724	45.7	1.11	4.1	29.6	82.5	52.14
23R9918B3TXF	710	44.1	1.14	3.9	31.3	82.8	52.31



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Variety	Lint Yield†	Lint	Measurement				Loan Value
			Length	Mic.	Strength	Uniformity	
	(lb/acre)	%	(in.)	----	(g/tex)		¢/LB
PHY400W3FE	710	43.3	1.17	4	31.7	82	52.36
DG 3519 B3XF	682	42.2	1.21	4.1	31	84	52.39
Armor 24X955 B3TXF	651	43.2	1.16	3.9	24.6	71.6	51.06
DG 3503 B3XF	599	43.4	1.19	3.6	31.8	82.3	52.36
DP 2211 B3TXF	587	43.7	1.17	3.9	28.7	82	52.1
DG 4434 B3TXF	579	40.2	1.2	3.7	30.6	82	52.22
DG 3511 B3XF	569	43.5	1.19	4.6	33.3	84.3	52.58
Overall Mean	810	43.4	1.17	4.1	30.7	82.5	52.23
LSD (0.05)	107	2.3	0.03	0.3	1.7	4.2	0.62
C.V (%)	16	5.4	3.15	6.1	5.6	5.1	1.2

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