



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND FORESTRY EXPERIMENT STATION

Mean yield performance and fiber characteristics for cotton varieties across all three (3) DELTA locations in 2024.

Variety	Lint Yield† (lb/acre)	Lint %	Measurement				
			Length (in.)	Mic. ----	Strength (g/tex)	Uniformity	Loan Value ¢/LB
DP 2127 B3XF	1765	44.8	1.13	4.8	30.5	83.3	52.3
PX1140F331-04W3FE	1696	44.8	1.17	4.6	33.9	83.7	52.56
AMX 12526 B3XF	1673	45.6	1.17	4.7	32.2	83.7	52.48
Armor 9371 B3XF	1658	45.3	1.14	4.1	30.1	83.3	52.26
PHY415W3FE	1623	43	1.17	4.4	33.1	83.1	52.46
PX1140F330-04W3FE	1600	44.1	1.17	4.3	32.2	83	52.45
PX1140F329-04W3FE	1593	44.2	1.16	4.3	32.4	82.6	52.42
DP 2414 B3TXF	1586	43.9	1.18	4.4	30.7	82.8	52.28
DG 3528 B3XF	1580	44.4	1.18	4.4	30.8	83	52.3
PX1150F361-04W3FE	1559	43.3	1.2	4.3	34	83.6	52.55
NG 3195 B3XF	1558	43.4	1.15	4.5	30.3	82.9	52.24
PX1150F357-04W3FE	1548	43.6	1.13	4.4	34.4	83.4	52.59
Armor 24X954 B3TXF	1546	44.2	1.14	4.4	30.3	82.6	52.24
PHY411W3FE	1545	46.1	1.1	4.5	31.8	82.3	52.34
PX1150F360-04W3FE	1543	43.4	1.22	4.4	33.8	83.8	52.57
BX2533AXTP	1543	41.9	1.19	4.4	30.5	82.9	52.24
DP 2333 B3XF	1542	45.5	1.13	4.7	30.3	82.3	52.24
BX2515AXTP	1536	43.7	1.21	4.6	31.1	82.6	52.34
PX1130F309-04W3FE	1513	43.5	1.15	4.5	32.2	83.7	52.46
ST6000AXTP	1512	46.3	1.2	4.3	34.2	83.9	52.61
AMX12507 B3TXT	1481	41.3	1.21	4.2	32.5	83.4	52.48
23R9822B3TXF	1473	44.1	1.13	4.5	30	82.4	52.18
Armor 24X951 B3TXF	1464	45.3	1.16	4.4	29.8	82	52.15
DP 2141NR B3TXF	1438	43.3	1.16	4.7	32.8	82.3	52.43
DG 4434 B3TXF	1435	44.6	1.18	4.1	30.8	82.5	52.31
BX2531AXTP	1429	42.8	1.2	4	31.5	83	52.4
DG 4530 B3TXF	1407	43	1.15	4.3	29.6	83.1	52.17
BX2555AXTP	1394	45.9	1.16	4.3	32.4	82.7	52.46
PHY475W3FE	1393	41.4	1.11	4.6	32.4	82.1	52.34
PHY400W3FE	1387	43.9	1.13	4.2	32.3	82.6	52.35
AMX12502 B3TXF	1374	43.3	1.16	4.2	30.1	81.8	52.16
PHY360W3FE	1369	42.8	1.14	4.6	29.4	81.6	52.06
23R9143B3TXF	1368	45.2	1.15	4.6	31.8	82.8	52.4
23R9128B3TXF	1367	46.5	1.15	4.3	31.1	82.3	52.33
PHY443W3FE	1344	43.9	1.14	4.5	33	83.5	52.54
BX2556AXTP	1333	42.4	1.21	4.2	32.9	82.2	52.43
AMX 12572 B3TXF	1328	45.6	1.12	4.7	29.8	83	52.19
PHY332W3FE	1313	42.4	1.2	4.4	32.8	83.2	52.5
DG 3503 B3XF	1307	45.3	1.2	4	33	83.4	52.52
NG 3457 B3XF	1306	44.2	1.16	4.4	31.2	83	52.37
DP 2211 B3TXF	1296	44.5	1.16	4.6	29.6	82.7	52.17
BX2557AXTP	1270	44.7	1.2	4.5	34	84.2	52.59



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			Length (in.)	Mic. ---	Strength (g/tex)	Uniformity	Loan Value ¢/LB
NG 5430 B3XF	1266	41.9	1.18	4.5	32.4	83.2	52.43
DP 2328 B3TXF	1256	44.6	1.15	4.4	29.8	82	52.16
DG 3511 B3XF	1252	44.7	1.16	4.7	33.7	83.9	52.59
23R9918B3TXF	1246	45.2	1.16	4.2	31.3	82.4	52.34
DG 3519 B3XF	1231	41.7	1.2	4.3	32.9	83.8	52.54
DP 2115 B3XF	1221	44.2	1.15	4.7	30.9	82.8	52.32
Armor 24X955 B3TXF	1216	43.3	1.12	4.1	29.4	82	52.14
NG 4405 B3TXF	1152	40.8	1.18	4.1	30.6	83.1	52.31
Overall Mean	1437	44	1.16	4.4	31.6	82.9	52.36
LSD (0.05)	183	1.11	0.03	0.2	0.9	0.7	0.11
C.V (%)	16	3.2	2.74	6.6	3.4	1	0.25

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