

Table OVT7. Average lint yield, turnout, and fiber quality of 44 entries in the late planted 2023 West Tennessee Research and Education Official Variety Trial conducted in Jackson, TN listed by yield rank.

Yield Rank	Variety	Lint Yield (lb/ac)	Turnout [†] (%)	Mic	Length (in.)	Strength (g/tex)	Unif (%)
1	NG 3195 B3XF	1436 a	41.7 i-m	4.2 b-f	1.18 d-j	31.7 b-l	83.7 a-f
2	ST 5091 B3XF	1422 ab	42.6 d-j	3.9 h-l	1.16 f-l	30.4 l-r	82.3 e-i
3	DP 2115 B3XF	1403 abc	42.9 c-i	4.2 c-h	1.15 h-o	30.2 l-r	83.0 b-i
4	PX 1140D328-04 W3FE	1381 a-d	42.8 c-i	4.1 c-i	1.19 b-h	32.3 a-g	83.2 b-i
5	DP 2211 B3TXF	1355 a-e	44.1 bc	4.1 c-i	1.16 f-m	29.6 pqr	83.4 a-g
6	DG 4530 B3TXF	1345 a-f	42.1 g-l	3.9 i-l	1.19 a-h	30.7 h-r	84.8 a
7	PHY 415 W3FE	1344 a-f	42.0 g-m	4.1 c-j	1.19 a-h	32.2 a-h	83.5 a-f
8	AR 9371 B3XF	1344 a-f	43.6 b-e	4.2 b-f	1.15 h-o	30.5 j-r	83.3 a-h
9	DP 2127 B3XF	1344 a-f	43.5 b-f	4.6 a	1.13 k-o	30.3 l-r	84.1 a-d
10	DP 2038 B3XF	1344 a-f	44.1 bc	4.5 ab	1.14 j-o	30.3 l-r	83.1 b-i
11	PHY 443 W3FE	1335 a-f	41.7 i-m	4.0 d-j	1.15 h-o	32.2 a-h	83.6 a-f
12	ST 4595 B3XF	1304 a-g	43.3 b-g	4.3 b-e	1.16 g-n	30.3 l-r	82.6 d-i
13	DP 2131 B3TXF	1298 a-g	43.1 c-h	4.0 c-j	1.23 ab	30.3 l-r	82.9 c-i
14	PX 1140B373-04 W3FE	1295 a-g	41.0 k-o	4.1 c-i	1.19 a-g	32.1 a-i	84.5 ab
15	PHY 411 W3FE	1286 a-g	42.4 e-j	4.3 bc	1.11 o	30.9 f-l	82.2 f-i
16	DP 2239 B3XF	1285 a-g	41.3 j-n	3.9 i-l	1.22 abc	30.4 k-r	83.7 a-f
17	NG 4190 B3XF	1282 a-g	41.4 j-n	3.9 i-l	1.20 a-f	30.8 g-q	84.6 ab
18	PHY 360 W3FE	1280 a-g	40.8 l-o	4.1 c-j	1.16 f-l	30.0 n-r	82.6 d-i
19	PX 1140A385-04 W3FE	1266 a-h	43.6 b-e	4.2 b-f	1.14 i-o	33.0 abc	84.6 ab
20	PX 1130B333-04 W3FE	1257 a-i	40.8 l-o	4.2 b-g	1.16 g-n	33.3 a	83.8 a-f
21	PHY 400 W3FE	1244 b-j	42.2 f-k	3.7 klm	1.17 e-k	32.0 a-j	82.6 d-i
22	DP 2012 B3XF	1231 c-j	41.9 h-m	4.0 f-k	1.20 a-g	31.5 c-n	84.0 a-d
23	DP 2317 B3TXF	1225 c-j	41.3 j-n	3.9 h-l	1.17 e-k	30.7 h-r	83.5 a-f
24	DG 4497 B3TXF	1219 d-j	44.6 ab	4.2 c-h	1.12 mno	29.7 o-r	81.8 ghi
25	PX 1130D303-04 W3FE	1216 d-k	41.3 j-n	4.2 b-h	1.13 j-o	32.0 a-k	84.0 a-e
26	DG 3528 B3XF	1212 d-k	41.3 j-n	3.6 lm	1.22 a-d	30.3 l-r	84.1 a-d
27	DP 2333 B3XF	1200 d-k	44.0 bc	4.3 bcd	1.17 f-l	30.5 j-r	82.4 e-i
28	NG 4335 B3TXF	1198 d-k	41.4 j-n	4.2 b-f	1.17 f-l	31.1 f-p	83.6 a-f
29	PHY 332 W3FE	1197 d-k	39.8 op	3.7 klm	1.22 abc	31.7 b-m	83.1 b-i
30	DG 3511 B3XF	1186 e-l	43.0 c-h	4.3 b-e	1.18 c-i	33.1 ab	84.4 abc
31	AMX 20T079 B3XF	1170 f-m	40.7 mno	4.1 c-j	1.20 a-g	30.3 l-r	83.8 a-f
32	AR 9383 B3TXF	1147 g-m	39.3 p	4.2 b-f	1.14 j-o	29.2 r	82.5 d-i
33	AMX 20T157 B3XF	1143 g-m	39.7 op	3.9 i-l	1.17 e-k	31.1 e-p	82.6 d-i
34	DG 4484 B3TXF	1131 g-m	45.6 a	3.9 i-l	1.12 no	31.2 d-o	82.3 e-i
35	PX 1150B437-04 W3FE	1129 g-m	39.3 p	4.1 c-j	1.13 l-o	32.1 a-i	81.6 i
36	DG 3519 B3XF	1127 g-m	40.2 nop	4.0 e-k	1.20 a-g	32.5 a-f	83.2 a-i
37	NG 4343 B3TXF	1092 h-m	40.1 nop	3.9 i-l	1.16 f-l	31.0 f-p	82.9 c-i
38	AMX 21C005 B3TXF	1082 h-m	39.9 op	3.8 j-m	1.16 g-n	30.1 m-r	83.8 a-e
39	AMX 20T114 B3XF	1076 i-m	41.9 h-m	4.2 b-g	1.18 b-j	29.5 pqr	83.9 a-e
40	DP 2141 NR B3XF	1069 j-m	41.3 j-n	4.0 f-k	1.17 f-l	32.6 a-e	83.4 a-g
41	AMX 1600-A B3XF	1067 j-m	43.8 bcd	3.8 j-m	1.21 a-e	30.6 i-r	83.1 b-i
42	PX 1150D490-04 W3FE	1033 klm	41.7 h-m	3.9 g-l	1.13 l-o	29.4 qr	81.8 hi
43	AMX 160030-B B3XF	1008 lm	40.9 k-o	4.1 c-j	1.18 d-j	31.7 b-l	83.8 a-e
44	DG 3425 B3XF	998 m	41.1 k-o	3.6 m	1.23 a	32.7 a-d	83.8 a-e
	Average	1227	41.9	4.0	1.17	31.1	83.3
	LSD (p≤0.05)	130	0.9	0.2	0.03	1.3	1.3
	CV (%)	10.7	2.3	5.2	2.6	3.5	1.4

‡Means followed by the same letter are not significantly different (p=0.05).

†Turnout and fiber quality determined from ginning a 6 lb seedcotton sample and classing a 200 gram subsample from every plot.

Tennessee AgResearch data of Raper et al. (2023).