

Table OVT8. Average lint yield, turnout, and fiber quality of 44 entries in the Official Variety Trial conducted in Ridgely, TN listed by yield rank.

Yield Rank	Variety	Lint Yield (lb/ac)	Turnout [†] (%)	Mic	Length (in.)	Strength (g/tex)	Unif (%)
1	DP 2127 B3XF	1888 a	44.0 a-d	5.1 ab	1.19 lmn	31.6 h-p	85.5 a
2	DP 2038 B3XF	1887 a	45.3 a	4.7 c-g	1.18 mno	31.8 h-n	82.8 op
3	DP 2115 B3XF	1883 a	41.9 d-m	4.8 a-f	1.21 g-l	31.6 i-p	84.2 b-m
4	PHY 400 W3FE	1878 a	42.6 b-k	4.5 g-j	1.24 c-g	33.8 bcd	84.4 a-l
5	PHY 360 W3FE	1850 ab	41.1 h-n	4.3 ij	1.18 no	31.0 l-q	82.9 nop
6	PHY 443 W3FE	1848 ab	40.6 k-n	4.8 b-g	1.19 lmn	33.5 c-f	84.0 d-o
7	PX 1130D303-04 W3FE	1840 ab	42.5 b-k	4.6 c-h	1.19 lmn	33.2 c-g	85.2 a-d
8	DP 2211 B3TXF	1829 ab	43.7 a-e	4.8 b-g	1.21 g-l	30.3 opq	84.1 c-n
9	PX 1140A385-04 W3FE	1812 abc	43.5 a-g	4.7 c-g	1.21 i-n	33.7 b-e	85.2 a-e
10	PX 1140B373-04 W3FE	1792 abc	40.7 k-n	4.7 b-g	1.20 j-n	33.1 c-i	85.5 ab
11	PHY 411 W3FE	1768 abc	41.5 f-n	4.7 c-g	1.16 op	32.3 e-l	84.1 c-n
12	PHY 332 W3FE	1759 abc	41.2 h-n	4.3 ij	1.25 b-e	33.0 c-h	84.0 c-o
13	AR 9371 B3XF	1742 abc	42.9 b-j	4.8 b-g	1.23 e-i	31.5 j-p	84.9 a-f
14	DP 2131 B3TXF	1730 abc	42.9 b-j	4.5 g-j	1.24 b-f	29.7 q	83.3 j-p
15	PX 1140D328-04 W3FE	1712 abc	40.2 lmn	4.7 c-g	1.25 b-f	33.3 c-g	84.2 b-m
16	DG 4530 B3TXF	1707 abc	43.2 a-h	4.5 e-i	1.21 g-l	29.8 q	84.3 a-l
17	AMX 20T157 B3XF	1706 abc	41.5 g-n	4.8 b-g	1.21 h-m	32.2 f-l	83.5 g-p
18	DG 3528 B3XF	1700 abc	42.4 b-k	4.5 g-j	1.26 abc	30.7 m-q	84.6 a-i
19	DG 3519 B3XF	1689 abc	40.7 k-n	4.8 b-g	1.25 b-e	32.9 c-j	85.2 a-e
20	DP 2239 B3XF	1689 abc	41.2 h-n	4.5 e-i	1.29 a	32.0 g-m	85.0 a-f
21	PX 1130B333-04 W3FE	1688 abc	39.8 n	4.3 hij	1.23 e-i	35.0 ab	85.3 abc
22	AR 9383 B3TXF	1668 abc	40.1 lmn	4.6 c-h	1.20 k-n	30.7 m-q	83.3 i-p
23	DP 2012 B3XF	1663 a-d	40.9 j-n	4.7 c-g	1.25 b-f	31.4 k-p	84.7 a-g
24	ST 4595 B3XF	1652 a-d	42.1 c-l	4.9 a-d	1.23 d-h	31.0 l-q	84.4 a-l
25	ST 5091 B3XF	1645 a-d	41.9 d-m	4.7 c-g	1.19 lmn	30.6 n-q	82.6 p
26	DP 2317 B3TXF	1629 a-d	41.4 g-n	4.7 c-g	1.21 h-m	32.5 d-k	83.8 f-p
27	NG 3195 B3XF	1625 a-d	43.4 a-g	4.8 a-f	1.21 h-l	31.3 k-p	85.3 abc
28	DP 2141 NR B3XF	1623 a-e	41.0 i-n	4.7 c-g	1.22 f-k	33.7 b-e	83.5 g-p
29	DG 4484 B3TXF	1595 a-f	44.4 ab	4.7 c-g	1.15 p	32.0 g-m	83.1 l-p
30	DG 3425 B3XF	1592 a-f	41.7 e-n	4.7 c-g	1.26 bcd	33.5 c-f	83.9 e-o
31	NG 4190 B3XF	1589 a-f	41.6 e-n	4.7 c-g	1.24 b-f	31.4 k-p	85.2 a-d
32	PHY 415 W3FE	1581 a-f	41.7 e-n	4.6 d-i	1.25 b-f	33.5 c-f	84.6 a-i
33	DP 2333 B3XF	1569 a-f	44.1 abc	4.9 a-d	1.21 i-n	30.7 m-q	84.6 a-j
34	NG 4335 B3TXF	1553 a-f	41.9 d-m	4.5 f-j	1.21 h-l	31.7 h-n	84.7 a-g
35	AMX 160030-B B3XF	1553 a-f	41.5 g-n	4.9 a-e	1.20 j-n	32.7 d-k	83.3 k-p
36	NG 4343 B3TXF	1539 b-f	39.7 n	4.5 f-j	1.21 h-n	30.6 m-q	83.3 h-p
37	DG 3511 B3XF	1539 b-f	43.6 a-f	5.1 a	1.21 h-m	33.3 c-g	84.4 a-k
38	AMX 21C005 B3TXF	1482 c-g	40.0 mn	4.2 j	1.23 f-j	31.7 h-o	85.0 a-f
39	PX 1150D490-04 W3FE	1330 d-h	40.1 lmn	4.6 e-i	1.19 lmn	30.3 pq	83.0 m-p
40	DG 4497 B3TXF	1287 e-h	44.1 abc	4.2 j	1.18 mno	34.3 abc	84.5 a-k
41	PX 1150B437-04 W3FE	1269 fgh	37.4 o	4.3 hij	1.21 i-n	35.7 a	84.7 a-h
42	AMX 1600-A B3XF	1201 gh	43.1 b-i	4.5 g-j	1.27 ab	30.6 m-q	84.4 a-l
43	AMX 20T079 B3XF	1044 hi	41.0 j-n	4.8 b-g	1.23 d-h	30.9 l-q	84.3 a-l
44	AMX 20T114 B3XF	817 i	40.8 j-n	4.9 abc	1.23 e-i	30.5 n-q	84.9 a-f
	Average	1624	41.8	4.6	1.22	32.0	84.3
	LSD (p<0.05)	238	1.5	0.3	0.02	1.2	1.0
	CV (%)	15.0	3.6	5.1	1.5	3.2	1.1

‡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).