

**Table OVT4.** Average lint yield, turnout, and fiber quality of 44 entries in the 2023 Official Variety Trial conducted in Gift, TN listed by yield rank.

Yield Rank	Variety	Lint Yield (lb/ac)	Turnout <sup>†</sup> (%)	Mic	Length (in.)	Strength (g/tex)	Unif (%)
1	DP 2115 B3XF	1595 a	41.2 g-m	4.5 d-i	1.22 h-n	31.2 n-r	84.6 a-k
2	NG 4343 B3TXF	1520 ab	40.4 k-p	4.2 klm	1.25 c-i	32.0 h-r	84.4 b-m
3	PHY 415 W3FE	1509 ab	41.8 d-i	4.3 h-l	1.24 c-j	34.3 a-f	84.4 b-m
4	AR 9371 B3XF	1502 ab	42.8 a-e	4.6 c-g	1.20 m-q	31.0 n-r	84.7 a-i
5	DP 2211 B3TXF	1501 ab	41.8 d-j	4.3 g-l	1.21 j-o	30.9 o-r	83.7 f-o
6	PHY 360 W3FE	1491 abc	39.5 n-q	4.4 f-k	1.21 i-o	30.7 qr	83.6 h-o
7	PX 1140D328-04 W3FE	1487 a-d	40.8 h-n	4.3 h-l	1.26 a-f	34.3 a-f	84.7 a-j
8	DP 2127 B3XF	1473 a-e	41.8 d-i	4.9 ab	1.21 j-o	32.2 g-q	85.4 ab
9	DP 2012 B3XF	1472 a-e	40.6 i-o	4.3 i-l	1.23 f-m	32.0 h-r	83.9 e-n
10	AMX 20T157 B3XF	1457 a-e	40.4 k-p	4.4 g-k	1.25 c-i	32.5 g-o	84.4 b-m
11	AR 9383 B3TXF	1453 a-e	39.9 m-p	4.5 f-j	1.20 k-p	30.9 n-r	84.5 b-m
12	PHY 332 W3FE	1446 a-e	40.0 m-p	3.8 n	1.27 a-e	34.9 ab	84.5 b-m
13	ST 4595 B3XF	1440 a-f	41.5 e-k	4.6 c-g	1.23 f-m	31.9 i-r	84.0 d-m
14	DP 2131 B3TXF	1418 a-g	42.6 a-f	4.3 g-l	1.29 a	30.9 n-r	82.5 o
15	DP 2317 B3TXF	1413 a-g	40.5 j-p	4.1 lm	1.24 d-j	31.3 l-r	84.7 a-i
16	DP 2038 B3XF	1375 a-h	43.7 ab	4.8 a-e	1.18 o-r	32.2 g-q	83.4 l-o
17	DG 3519 B3XF	1372 a-h	40.7 h-n	4.4 g-k	1.27 a-d	32.9 d-l	85.8 a
18	PHY 443 W3FE	1369 a-h	41.1 g-m	4.5 f-j	1.20 l-q	34.3 a-f	84.6 a-l
19	DG 4530 B3TXF	1366 b-h	41.0 h-m	4.3 j-m	1.25 b-h	31.3 k-r	85.1 a-d
20	PHY 400 W3FE	1365 b-h	41.5 e-k	4.4 g-k	1.22 g-n	33.6 a-h	83.5 i-o
21	PX 1140A385-04 W3FE	1357 b-h	43.2 abc	4.5 e-j	1.22 f-m	34.6 a-d	85.4 ab
22	PX 1130D303-04 W3FE	1342 b-i	40.8 h-n	4.6 c-g	1.19 n-q	33.0 d-k	84.7 a-i
23	DP 2141 NR B3XF	1320 b-j	40.8 h-n	4.8 abc	1.23 f-m	35.0 a	83.6 g-o
24	NG 3195 B3XF	1319 b-j	40.6 h-o	4.6 c-h	1.22 f-m	32.9 e-m	84.6 a-k
25	DG 3511 B3XF	1309 b-j	41.8 d-i	4.9 ab	1.23 f-m	34.5 a-e	84.9 a-f
26	PX 1130B333-04 W3FE	1309 b-j	39.4 opq	4.4 g-k	1.24 d-k	34.4 a-e	85.4 ab
27	DP 2239 B3XF	1308 b-j	42.0 c-h	4.5 d-i	1.23 e-l	31.9 i-r	82.7 no
28	ST 5091 B3XF	1307 b-j	40.4 k-p	4.3 h-l	1.24 c-j	30.7 pqr	83.7 g-o
29	PX 1140B373-04 W3FE	1301 b-j	40.0 m-p	4.4 g-k	1.20 l-q	33.7 a-g	85.2 abc
30	NG 4190 B3XF	1299 b-j	40.8 h-n	4.4 f-k	1.25 c-i	33.2 c-j	85.0 a-e
31	AMX 21C005 B3TXF	1270 c-k	39.1 pq	4.0 mn	1.23 f-m	30.7 pqr	84.4 b-m
32	PHY 411 W3FE	1259 d-k	41.4 f-l	5.0 a	1.14 r	32.2 g-q	83.5 j-o
33	DG 3528 B3XF	1248 e-k	41.0 g-m	4.3 j-m	1.25 c-i	30.9 n-r	84.3 b-m
34	DG 4484 B3TXF	1213 f-k	42.7 a-f	4.3 h-l	1.17 pqr	32.4 g-p	84.0 d-m
35	DP 2333 B3XF	1203 g-k	42.9 a-d	4.8 a-d	1.20 l-q	31.2 n-r	84.1 c-m
36	AMX 20T079 B3XF	1176 h-l	40.5 i-o	4.3 g-l	1.26 a-g	31.4 j-r	84.9 a-g
37	AMX 20T114 B3XF	1169 h-l	40.1 l-p	4.3 h-l	1.26 a-g	31.2 m-r	85.4 ab
38	AMX 160030-B B3XF	1151 h-l	40.8 h-n	4.7 b-f	1.24 d-j	33.3 a-i	84.8 a-h
39	DG 4497 B3TXF	1128 i-m	43.8 a	4.4 f-k	1.17 qr	32.6 f-n	83.4 k-o
40	NG 4335 B3TXF	1116 i-m	39.9 m-p	4.3 i-l	1.24 d-j	32.3 g-q	84.6 a-k
41	PX 1150B437-04 W3FE	1098 j-m	38.4 q	4.3 h-l	1.21 i-o	34.8 abc	84.5 b-l
42	DG 3425 B3XF	1057 klm	40.0 m-p	4.2 klm	1.28 abc	33.2 b-j	84.1 c-m
43	PX 1150D490-04 W3FE	955 lm	40.6 h-o	4.8 a-e	1.20 l-q	30.4 r	83.3 mno
44	AMX 1600-A B3XF	919 m	42.3 b-g	4.3 j-m	1.28 ab	31.7 i-r	84.6 a-k
	<b>Average</b>	<b>1322</b>	<b>41.1</b>	<b>4.4</b>	<b>1.23</b>	<b>32.4</b>	<b>84.3</b>
	LSD (p≤0.05)	161	0.9	0.2	0.03	1.2	0.9
	CV (%)	12.3	2.3	4.3	2.2	3.8	1.0

‡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).