

**Table OVT3.** Average lint yield, turnout, and fiber quality of 44 entries in the 2023 Official Variety Trial conducted in Elora, TN listed by yield rank.

Yield Rank	Variety	Lint Yield (lb/ac)	Turnout <sup>†</sup> (%)	Mic	Length (in.)	Strength (g/tex)	Unif (%)
1	PHY 360 W3FE	1529 a	41.2 e-k	4.1 abc	1.17 klm	29.9 no	82.4 k-o
2	PX 1130D303-04 W3FE	1469 ab	40.8 f-l	3.9 a-g	1.18 g-m	32.3 c-i	84.5 a-e
3	PX 1130B333-04 W3FE	1394 abc	40.2 g-l	3.6 d-i	1.17 i-m	32.3 c-h	84.2 a-g
4	NG 3195 B3XF	1358 a-d	43.1 b-e	3.9 a-g	1.19 d-l	31.7 d-l	84.1 a-h
5	PHY 415 W3FE	1358 a-d	42.2 b-g	3.7 d-i	1.21 a-g	34.3 a	83.7 a-j
6	DG 4530 B3TXF	1347 a-e	42.8 b-f	4.0 a-d	1.17 i-m	29.8 o	83.8 a-i
7	PHY 400 W3FE	1337 a-f	42.6 b-f	3.6 f-i	1.20 c-k	33.0 bcd	83.3 c-m
8	PHY 443 W3FE	1282 a-g	42.3 b-g	3.9 a-f	1.19 f-l	31.9 d-k	84.2 a-g
9	DP 2141 NR B3XF	1277 a-g	40.8 f-l	4.1 ab	1.19 d-l	32.0 d-k	83.8 a-j
10	DG 3511 B3XF	1245 b-g	43.5 bcd	4.2 a	1.20 b-k	34.0 ab	84.7 ab
11	PX 1140D328-04 W3FE	1245 b-g	42.2 b-g	3.3 i	1.20 a-j	33.0 bcd	82.1 mno
12	DP 2127 B3XF	1244 b-g	42.0 b-i	3.9 a-f	1.17 i-m	31.3 h-n	84.1 a-h
13	DP 2038 B3XF	1236 b-h	46.4 a	4.0 a-d	1.14 n	30.1 no	82.4 l-o
14	ST 4595 B3XF	1226 b-i	43.9 b	4.0 a-e	1.21 a-h	30.8 j-o	83.7 a-j
15	PHY 411 W3FE	1226 b-i	39.9 i-l	3.8 b-h	1.15 mn	31.9 d-k	83.4 b-m
16	AMX 20T079 B3XF	1219 b-j	42.1 b-h	3.9 a-g	1.23 a	30.6 k-o	84.4 a-d
17	DP 2239 B3XF	1208 c-k	42.6 b-f	3.5 hi	1.23 ab	30.9 i-o	82.6 i-o
18	PX 1140A385-04 W3FE	1196 c-l	43.8 bc	3.3 i	1.18 h-m	32.9 b-e	84.5 abc
19	DG 3528 B3XF	1185 c-m	41.8 b-j	3.8 b-h	1.20 c-k	30.2 mno	83.6 b-l
20	DP 2317 B3TXF	1185 c-m	41.7 c-k	3.7 b-h	1.20 c-k	31.6 f-l	83.3 c-m
21	NG 4190 B3XF	1183 c-m	41.2 e-k	3.9 a-g	1.20 b-k	31.7 d-l	84.7 ab
22	DG 3519 B3XF	1181 c-m	41.2 e-k	3.7 d-i	1.21 a-g	32.9 b-f	83.5 b-l
23	PX 1140B373-04 W3FE	1179 c-m	39.8 jkl	3.5 ghi	1.19 e-l	33.0 a-d	83.1 f-n
24	PHY 332 W3FE	1175 c-n	39.9 h-l	3.6 e-i	1.19 f-l	32.1 d-j	82.0 no
25	ST 5091 B3XF	1157 c-n	42.7 b-f	3.6 e-i	1.19 d-l	31.0 i-o	82.5 j-o
26	NG 4335 B3TXF	1140 c-n	40.7 f-l	3.9 a-g	1.20 a-i	32.1 d-j	84.4 a-e
27	DP 2131 B3TXF	1140 c-n	43.5 bcd	3.6 e-i	1.23 ab	31.8 d-k	83.1 e-n
28	DP 2333 B3XF	1123 d-n	41.5 d-k	4.1 abc	1.16 lmn	29.8 o	83.2 d-n
29	AMX 160030-B B3XF	1105 d-n	42.5 b-f	3.9 a-f	1.18 h-m	31.6 e-l	82.9 g-n
30	PX 1150D490-04 W3FE	1093 e-n	42.1 b-h	3.5 ghi	1.15 mn	30.0 no	81.3 o
31	DP 2012 B3XF	1088 e-n	41.0 e-l	3.6 f-i	1.21 a-h	31.8 d-k	84.1 a-h
32	DP 2115 B3XF	1084 f-n	42.8 b-f	3.9 a-g	1.18 i-m	31.5 g-m	83.3 c-n
33	AMX 20T157 B3XF	1080 f-n	40.7 f-l	3.6 f-i	1.21 a-h	30.8 j-o	83.8 a-j
34	NG 4343 B3TXF	1043 g-n	40.1 g-l	3.5 ghi	1.22 a-d	30.4 l-o	83.5 b-l
35	AR 9383 B3TXF	1032 g-n	38.8 l	3.6 d-i	1.20 b-k	30.4 l-o	83.9 a-i
36	DG 4484 B3TXF	1027 g-n	43.6 bcd	3.7 b-h	1.17 j-m	32.9 b-g	83.4 b-m
37	PX 1150B437-04 W3FE	985 h-n	39.5 kl	4.0 a-d	1.18 i-m	33.6 abc	83.4 b-m
38	DP 2211 B3TXF	984 h-n	41.7 c-k	3.7 c-i	1.22 a-f	31.2 h-n	84.4 a-f
39	AR 9371 B3XF	976 i-n	42.5 b-f	3.6 f-i	1.20 b-k	30.8 j-o	84.9 a
40	AMX 21C005 B3TXF	963 j-n	39.5 kl	3.6 d-i	1.20 b-k	31.0 i-o	83.7 a-j
41	AMX 20T114 B3XF	949 k-n	40.2 g-l	3.6 d-i	1.22 a-e	29.8 o	84.3 a-f
42	AMX 1600-A B3XF	947 lmn	42.0 b-i	3.8 b-h	1.22 abc	30.8 j-o	83.5 b-l
43	DG 4497 B3TXF	928 mn	43.6 bcd	3.7 c-i	1.16 lmn	32.4 c-h	83.7 a-k
44	DG 3425 B3XF	917 n	40.9 f-l	3.5 ghi	1.22 a-d	31.8 d-k	82.8 h-n
	<b>Average</b>	<b>1165</b>	<b>41.8</b>	<b>3.7</b>	<b>1.19</b>	<b>31.6</b>	<b>83.5</b>
	LSD (p≤0.05)	184	1.5	0.3	0.02	0.9	1.1
	CV (%)	15.9	3.7	7.6	1.9	3.0	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).