

Table OVT2. Average lint yield, turnout, and fiber quality of 44 entries in the 2023 Official Variety Trials conducted near Elora, Gift, Grand Junction, Jackson (early and late planted), Milan (dryland and irrigated) and Ridgely, listed by yield rank.

Yield Rank	Variety	Lint Yield (lb/ac)	Turnout [†] (%)	Mic	Length (in.)	Strength (g/tex)	Unif (%)
1	DP 2115 B3XF	1498 a	42.2 e-h	4.4 d-i	1.18 n-s	31.1 l-p	83.9 g-m
2	PHY 360 W3FE	1462 ab	40.6 mno	4.2 h-o	1.18 q-u	30.5 o-s	82.8 qr
3	DP 2211 B3TXF	1448 abc	42.8 cde	4.3 g-n	1.19 l-r	30.4 p-s	83.9 f-m
4	PX 1140D328-04 W3FE	1436 a-d	41.5 h-l	4.1 n-s	1.22 d-h	33.2 bcd	83.7 h-n
5	PX 1140B373-04 W3FE	1434 a-d	40.5 nop	4.2 h-p	1.19 m-s	32.9 c-f	84.6 a-f
6	DP 2127 B3XF	1434 a-e	42.8 cde	4.6 a	1.17 stu	31.4 j-n	84.8 ab
7	NG 3195 B3XF	1431 a-f	42.2 e-h	4.4 c-h	1.19 l-p	32.0 g-j	84.5 a-g
8	DP 2038 B3XF	1429 a-f	44.8 a	4.5 a-d	1.15 vw	31.2 k-o	83.0 opq
9	ST 4595 B3XF	1428 a-f	42.7 c-f	4.5 b-e	1.20 i-m	31.2 k-o	83.7 h-n
10	DP 2131 B3TXF	1428 a-f	43.1 cd	4.1 l-s	1.24 ab	30.6 o-s	83.0 o-r
11	PHY 400 W3FE	1422 a-f	42.3 d-g	4.0 rst	1.20 j-m	33.1 b-e	83.5 k-o
12	AR 9371 B3XF	1422 a-f	42.9 cde	4.3 e-k	1.19 m-s	30.9 m-r	84.6 a-f
13	DG 4530 B3TXF	1408 a-g	42.3 e-h	4.2 k-r	1.20 i-m	30.5 o-s	84.5 a-g
14	PHY 443 W3FE	1391 b-h	41.4 i-n	4.3 e-k	1.17 r-u	32.9 c-f	84.1 c-k
15	ST 5091 B3XF	1366 c-i	41.9 f-i	4.1 m-s	1.20 j-n	30.7 n-s	82.8 pqr
16	PX 1140A385-04 W3FE	1362 c-j	43.4 bc	4.2 h-p	1.18 n-s	33.6 abc	84.9 a
17	PX 1130D303-04 W3FE	1362 c-j	41.3 i-n	4.4 d-j	1.16 tuv	32.4 e-h	84.6 a-f
18	PHY 415 W3FE	1359 c-j	41.9 f-i	4.2 k-r	1.22 c-f	33.9 ab	84.1 d-l
19	PX 1130B333-04 W3FE	1356 c-j	40.1 opq	4.2 k-s	1.19 l-q	33.8 ab	84.7 abc
20	DP 2239 B3XF	1353 d-j	41.8 g-j	4.1 m-s	1.23 abc	31.4 j-m	83.5 j-o
21	PHY 411 W3FE	1351 d-j	41.4 i-m	4.5 bcd	1.14 x	31.9 h-k	83.4 m-q
22	PHY 332 W3FE	1348 d-j	40.2 opq	3.9 u	1.23 a-d	33.1 cde	83.5 l-p
23	NG 4190 B3XF	1346 d-j	41.2 i-n	4.2 i-q	1.21 e-j	31.7 h-l	84.8 ab
24	DP 2012 B3XF	1343 d-j	41.1 i-n	4.2 k-s	1.21 e-k	31.7 h-l	84.0 e-l
25	NG 4343 B3TXF	1343 d-j	40.2 opq	4.1 p-t	1.20 g-m	30.9 m-r	83.7 i-n
26	AMX 20T157 B3XF	1340 e-j	40.7 l-o	4.2 k-r	1.21 f-l	31.7 h-l	83.7 i-n
27	DP 2333 B3XF	1337 f-j	43.1 c	4.5 abc	1.18 o-t	30.6 o-s	83.7 h-n
28	DG 3528 B3XF	1324 g-j	41.7 g-k	4.1 q-t	1.22 c-g	30.5 o-s	84.2 c-j
29	DG 3519 B3XF	1319 g-j	40.9 k-o	4.2 j-r	1.23 a-d	32.7 d-g	84.6 a-e
30	DP 2317 B3TXF	1319 g-j	41.1 i-n	4.1 n-s	1.20 j-m	31.5 i-m	83.8 h-n
31	DG 3511 B3XF	1301 h-j	42.9 cde	4.6 ab	1.20 i-m	33.5 a-d	84.6 a-e
32	AR 9383 B3TXF	1284 ijk	39.6 q	4.3 e-l	1.18 p-t	30.2 rs	83.7 h-n
33	NG 4335 B3TXF	1280 ijk	40.9 k-o	4.3 g-o	1.20 h-m	31.7 h-l	84.5 a-g
34	DP 2141 NR B3XF	1275 i-l	41.2 i-n	4.4 c-f	1.20 j-n	33.4 a-d	83.7 i-n
35	DG 4484 B3TXF	1270 jkl	44.1 ab	4.2 k-s	1.14 wx	32.1 g-j	83.2 n-q
36	AMX 160030-B B3XF	1204 klm	41.3 i-n	4.4 c-g	1.19 l-p	32.1 ghi	83.7 h-n
37	AMX 21C005 B3TXF	1203 klm	39.7 pq	3.9 tu	1.20 k-o	30.9 m-r	84.2 b-i
38	PX 1150D490-04 W3FE	1184 lm	41.1 i-n	4.2 i-q	1.16 uv	30.0 s	82.3 r
39	AMX 20T079 B3XF	1183 lm	41.1 j-n	4.3 f-m	1.22 b-e	30.8 m-r	84.3 a-h
40	DG 4497 B3TXF	1174 m	44.1 ab	4.1 l-s	1.15 vwx	32.3 f-i	83.4 m-q
41	PX 1150B437-04 W3FE	1174 m	38.7 r	4.2 k-r	1.17 stu	34.1 a	83.5 k-o
42	DG 3425 B3XF	1131 mn	40.9 k-o	4.0 stu	1.25 a	32.9 c-f	83.8 h-n
43	AMX 20T114 B3XF	1061 no	40.8 l-o	4.3 e-l	1.22 d-i	30.3 qrs	84.7 a-d
44	AMX 1600-A B3XF	1034 o	42.8 cde	4.1 o-s	1.24 a	31.0 l-q	83.9 f-m
	Average	1326	41.7	4.2	1.20	31.8	83.9
	LSD (p≤0.05)	66	0.6	0.1	0.01	0.5	0.5
	CV (%)	14.0	3.0	5.8	2.1	3.5	1.2

‡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 Elora, Gift, Grand Junction, Jackson (early and late planted), and Ridgely.

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