Table 14. Mean[†] yield and agronomic traits of 40 Maturity Group IV Late (4.6 - 4.9) soybean varieties evaluated in small plot replicated trials at nine AgResearch and Education Center locations in Tennessee during 2024.

Variety	Herbicide Pkg[†]	Avg. Yield[§] (bu/ac)	Moisture at Harvest (%)	Maturity (DAP)	Plant Height (in.)	Lodging[††] (1-5)
Dyna-Gro S49XF43S	XFS	57 A	10.8 G-J	138 A-C	33 OP	1.3
Asgrow AG49XF4	XFS	57 AB	11.0 E-I	135 G-K	37 D-G	1.1
Pioneer P49Z02E	E3	56 A-C	10.9 F-I	136 D-G	34 L-P	1.0
Pioneer P47Z15BE	E3S-Bolt	56 A-D	10.4 K	132 M-P	37 F-H	1.1
Revere 49-F36	XF	56 A-D	11.6 AB	139 A	39 B-D	1.5
Donmario DM48F53*	XF	55 A-E	10.8 H-K	136 E-H	30 Q	1.0
CNI Integra XF4875S	XF	55 A-E	11.5 A-C	139 AB	38 B-F	1.3
Progeny 4947XFS	XFS	55 A-F	11.6 AB	139 A	39 BC	1.2
Pioneer P48Z70BLX	E3S-Bolt	55 A-G	10.8 H-K	135 F-J	41 A	1.3
USG 7461XFS***	XFS	54 A-H	11.3 A-F	135 F-J	39 B	1.1
Innvictis A4862XF	XF	53 B-I	10.8 H-J	136 E-H	35 I-M	1.1
Progeny 4623XF	XF	53 C-I	10.7 H-K	136 E-H	35 H-K	1.1
USG 7494ETS	E3S	52 D-J	11.4 A-D	134 J-L	36 G-I	1.1
Progeny 4691XFS	XFS	52 E-K	11.4 A-D	135 H-K	39 B	1.2
USG 7495XFS	XFS	52 E-L	10.5 JK	137 B-D	38 B-E	1.6
USG 7485ETS	E3S	51 F-M	10.8 G-J	135 H-K	37 D-H	1.4
Revere 47-F77	XF	51 F-M	10.7 H-K	134 I-L	39 BC	1.3
Great Heart GT4756XF	RR/LL	51 F-M	10.8 G-J	134 K-M	35 J-N	1.3
Progeny 4604XFS	XFS	51 F-M	11.1 C-H	136 D-G	39 B	1.2
Pioneer P46A90LX	RR2X/LL	51 F-M	11.5 AB	132 N-P	37 F-H	1.2
CNI Integra XF4634S	XF	51 G-M	10.8 H-J	134 K-M	39 B	1.1
Dyna-Gro S48XF35	XF	51 G-M	10.8 G-J	137 C-E	32 P	1.0
Xitavo XO 4894E	E3	51 H-M	11.6 A	134 J-L	37 C-G	1.2
Xitavo XO 4772E	E3	51 H-N	11.4 A-E	135 F-J	33 N-P	1.1
Innvictis A4924XF	XF	50 H-N	10.8 H-J	136 D-F	33 M-P	1.0
Progeny 4798XF	XF	50 H-N	10.8 G-J	137 B-D	36 G-J	1.3
Pioneer P46Z53E	E3	49 I-N	11.5 A-C	131 O-Q	33 OP	1.0
USG 7474XFS	XFS	49 I-N	10.9 F-I	135 F-I	34 K-O	1.1
Donmario DM46F54S	XF	49 I-N	11.4 A-D	130 Q	37 E-H	1.4
CNI Fortus 4655ES	E3	49 I-N	11.7 A	132 OP	33 M-P	1.1
Progeny 4999E3S	E3S	49 I-N	11.0 D-I	135 H-K	37 F-H	1.1
USG 7463XF	XF	49 I-N	11.2 B-G	132 OP	35 H-L	1.0
Innvictis A4814XF	XF	49 I-N	10.9 F-I	137 B-D	33 OP	1.0
Innvictis A4664XF	XF	49 K-N	11.0 F-I	131 PQ	34 L-P	1.1
Progeny 4806XFS	XFS	49 J-N	11.0 E-I	137 C-E	34 K-O	1.1
Dyna-Gro S47XF23S	XFS	48 K-N	10.8 H-J	134 I-L	36 G-J	1.2
MO S20-7117	Conv	48 L-N	11.6 AB	134 K-N	34 M-P	1.1
Progeny 4775E3S	E3S	48 L-N	11.5 AB	134 I-L	37 E-H	1.2
Revere 4826XFS	XFS	48 MN	10.9 F-J	134 J-L	34 J-N	1.2
Progeny 4848XF	XF	47 N	10.7 I-K	133 L-O	34 L-P	1.0
Average		51	11.1	135	36	1.2
Standard Error		6	0.5	2	2	0.1
L.S.D..05		4	0.4	1	2	-
C.V.		12	6	2	7	-
Site-Years		7	7	7	7	7

† Varieties that have any MS letter in common are not significantly different at the 5% level of probability.
 - Values highlighted in orange are above average, values highted in dark orange are in the upper 25%. MS letters highlighted in dark orange are in the "A group", indicating no statistical difference from the top-performing variety, for a given trait.
 - C.V. is only reported for variables evaluated on a ratio scale.
 - L.S.D. values are given for ANOVA that were signficant at P<0.05. Variables in which minimal variation was observed were not subjected to ANOVA and are reported as N.S.
‡ For a full description of abbreviated biotech traits, see table 23.
* Asterisks after a name indicate the number of preceding consecutive years in the top-performing "A" group.
§ All yields are adjusted to 13% moisture.
†† Lodging was evaluated on a a scale of 1 (no lodging) to 5 (complete lodging).