

Table 23. Mean[†] yields across and by location of 12 Maturity Group V (5.0 - 5.9) soybean varieties evaluated in replicated small plot trials at nine REC locations in Tennessee during 2023.

Variety	Herbicide Pkg [†]	Avg. Yield [§] (bu/ac)	Greenville Non-Irr. (bu/ac)	Knoxville Irr. (bu/ac)	Springfield Irr. (bu/ac)	Springfield Non-Irr. (bu/ac)	Spring Hill Non-Irr. (bu/ac)	Milan Irr. (bu/ac)	Milan Non-Irr. (bu/ac)	Jackson Non-Irr. (bu/ac)
NK 52-D6E3*	E3	80 A	95 A-C	77 A	83 A	91 A	75 A	81 A	67 A-C	66 A
Revere 5029XF	XF	74 B	99 A-C	71 A	65 B	81 B	71 A-C	83 A	70 A	51 BC
Progeny 5056XFS	XFS	72 BC	89 B-D	75 A	60 B-D	78 BC	72 AB	76 AB	70 A	56 B
USG 7503XF	XF	72 B-D	112 A	79 A	55 B-F	71 CD	64 CD	73 A-D	69 AB	51 BC
Innvictis A5503XF	XF	71 B-E	111 AB	64 A	57 B-E	77 B-D	67 B-D	75 A-D	64 A-C	52 BC
Innvictis A5003XF	XF	67 C-F	92 A-C	80 A	44 EF	78 BC	70 A-C	64 DE	62 A-C	44 CD
Asgrow AG53XF2	XF	66 D-F	91 A-C	67 A	52 B-F	76 B-D	67 B-D	64 C-E	61 BC	51 BC
MO S18-6013	Conv	66 EF	67 DE	71 A	66 B	72 B-D	62 DE	76 A-C	60 C	55 B
USG 7534GT	GT	63 FG	98 A-C	70 A	51 C-F	71 B-D	64 C-E	61 E	45 E	45 CD
USG 7543XF	XF	62 F-H	69 DE	61 A	47 D-F	81 B	63 DE	67 B-E	63 A-C	42 D
MO S18-6328	Conv	59 GH	64 E	72 A	62 BC	67 D	52 F	61 E	51 DE	41 D
Innvictis A5813XF	XF	57 H	79 C-E	66 A	41 F	51 E	57 EF	61 E	59 CD	39 D
Average		67	89	71	57	75	65	70	62	49
Standard Error		5	8	6	5	3	2	4	3	3
L.S.D. _{.05}		5	22	N.S.	14	10	7	12	8	8
C.V.		14	15	14	14	8	6	10	8	9

[†] Varieties that have any MS letter in common are not significantly different at the 5% level of probability. Values highlighted in light orange are above average for a given trait, MS letters highlighted in dark orange are in the "A group", indicating no statistical difference from the top-performing variety, for a given trait.

* Asterisks after a name indicate the number of preceding consecutive years in the top-performing "A" group.

‡ For a full description of abbreviated biotech traits, see table 29.

§ All yields are adjusted to 13% moisture.