

Table 11. Mean[†] yields across and by location of 20 Maturity Group IV Early (4.0 - 4.4) 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 42-A6E3S	E3	90 A	120 A	105 A	93 A	89 A	83 A	74 B	74 AB	81 A
Asgrow AG45XF3	XF	77 B	107 A-D	78 B-D	72 B-D	75 B-E	70 B	84 A	72 A-C	62 B-E
Revere 4299XS	R2XS	76 BC	112 AB	77 B-E	66 C-E	81 A-C	70 B-D	73 B-D	68 A-D	65 BC
Innvictis A4503XF	XF	74 B-D	104 B-E	73 B-F	66 C-E	77 B-D	69 B-D	69 B-E	69 A-D	65 BC
Revere 4526XFS	XFS	74 B-D	111 A-C	77 B-E	71 B-D	69 D-F	63 CD	73 BC	67 A-D	59 C-E
Xitavo 4522E	E3	74 B-D	106 A-D	61 F-H	74 B-D	79 A-D	69 B-D	68 B-E	70 A-D	64 B-D
NK 44-Q5E3S	E3	74 B-E	92 D-H	81 B	72 B-D	79 A-C	70 B-D	65 C-F	68 A-D	62 B-E
Dyna-Gro S41EN72	E3	73 B-F	89 E-I	69 B-G	81 B	84 AB	70 B-D	61 E-H	66 A-D	68 B
Revere 4237XFS	XFS	73 C-G	97 B-F	74 B-E	70 C-E	71 C-F	70 BC	68 B-E	74 A	60 B-E
Dyna-Gro S45XF02	XF	73 C-G	96 C-F	71 B-F	76 BC	79 A-D	63 D	64 D-G	66 A-D	69 B
Asgrow AG43XF2	XF	71 D-H	96 D-G	64 E-H	68 C-E	76 B-D	67 B-D	67 B-E	69 A-D	63 B-D
Innvictis B5013E	E3	70 D-H	84 F-J	80 BC	67 C-E	79 A-D	67 B-D	66 B-E	62 DE	56 D-F
Xitavo 4364E	E3	69 E-H	80 G-K	77 B-D	69 C-E	75 B-E	68 B-D	64 E-G	65 B-D	57 C-E
Don Mario DM45F23	XF	69 F-H	93 D-H	66 D-H	65 DE	74 B-E	66 B-D	63 E-G	62 DE	65 BC
Innvictis A4411XF	XF	69 GH	93 D-H	67 C-G	60 EF	77 B-D	66 B-D	65 B-F	64 CD	58 C-E
Xitavo 4084E	E3	68 H	79 H-K	74 B-E	64 DE	76 B-D	71 B	54 H-J	65 B-D	57 C-E
Perdue Agribusiness P4 Conv	Conv	62 I	71 JK	68 C-G	69 C-E	76 B-E	64 B-D	48 J	54 E	48 FG
MO S19-10701	Conv	58 J	76 I-K	53 HI	49 G	66 E-G	52 E	57 F-I	55 E	54 EF
Perdue Agribusiness P4 Conv	Conv	57 J	82 F-K	56 GH	52 FG	63 FG	56 E	57 G-J	54 E	38 H
Perdue Agribusiness P4 Conv	Conv	48 K	68 K	42 I	37 H	58 G	50 E	51 IJ	39 F	43 GH
Average		70	93	71	67	75	66	65	64	60
Standard Error		4	5	5	4	3	3	4	3	4
L.S.D._{.05}		4	16	13	11	10	7	9	9	9
C.V.		8	10	11	9	8	6	8	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.