Table 6. Mean[†] yields across and by location of 9 Maturity Group III (3.0 - 3.9) soybean varieties evaluated in replicated small plot trials at eight AgResearch and Education Center locations in Tennessee during 2023.

Variety	Herbicide Pkg[†]	Avg. Yield[§] (bu/ac)	Greeneville 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)
Asgrow AG38XF1	XF	76 A	99 AB	75 BC	72 AB	84 AB	67 A-C	69 AB	74 AB	66 A
USG 7394XFS	XFS	75 A	105 AB	85 AB	68 B	76 CD	71 AB	66 AB	67 BC	63 A
Revere 3908XFS*	XFS	75 AB	108 A	77 A-C	64 BC	85 AB	72 A	72 AB	70 AB	50 A
Dyna-Gro S38XF22S*	XF	75 AB	99 AB	82 AB	75 AB	69 EF	66 A-C	76 A	75 A	54 A
Xitavo 3803E	E3	74 AB	93 BC	83 AB	83 A	81 BC	76 A	65 AB	61 C	52 A
Asgrow AG39XF3	XF	74 AB	83 C	88 A	74 AB	91 A	61 C	63 B	67 A-C	64 A
Innvictis A3992XF	XF	69 B	103 AB	65 CD	62 BC	71 DE	62 BC	69 AB	72 AB	50 A
Perdue Agribusiness P30ILO22	Conv	53 C	63 D	56 D	54 CD	63 F	45 D	41 C	42 D	58 A
Perdue Agribusiness P29ILO22	Conv	48 C	50 E	53 D	46 D	65 EF	39 D	36 C	46 D	50 A
Average		69	89	74	67	76	62	62	64	56
Standard Error		4	4	4	5	2	3	7	3	6
L.S.D..05		5	12	12	13	7	10	12	8	N.S.
C.V.		14	7	10	12	5	9	11	7	17

† 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.