

**Table 18. Mean<sup>†</sup> yields across and by location of 30 Maturity Group IV Late (4.5 - 4.9) soybean varieties evaluated in replicated small plot trials at nine REC locations in Tennessee during 2023.**

Variety	Herbicide Pkg <sup>†</sup>	Avg. Yield <sup>§</sup> (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)
Dyna-Gro S47XF23S	XFS	78 A	103 B-H	83 A-C	74 A	81 A-E	67 A-E	77 A-E	69 A-C	69 A
Revere 4795XS****	R2XS	77 AB	111 A-E	78 A-D	71 A	77 B-G	70 A-C	83 AB	69 A-C	60 B-I
Revere 4826XF*	XF	77 AB	107 A-G	74 A-G	73 A	83 A-C	65 A-F	80 A-C	68 A-E	67 A-C
USG 7461XFS**	XFS	77 AB	116 A-C	75 A-F	62 A-C	82 A-D	71 A	78 A-D	68 A-D	62 A-H
Asgrow AG48XF3	XF	76 A-C	95 F-J	83 AB	67 AB	88 A	67 A-E	79 A-D	69 A-C	61 A-H
Asgrow AG49XF3	XF	76 A-D	119 A	68 D-I	66 AB	80 A-G	65 B-F	75 A-F	74 A	59 B-I
Revere 4727XF	XF	76 A-D	105 A-H	83 A-C	66 AB	78 B-G	68 A-D	84 A	64 B-E	57 D-J
USG 7496XTS**	R2XS	74 A-E	101 C-I	77 A-E	66 AB	85 AB	70 A-C	69 C-I	61 C-G	66 A-D
USG 7474XFS	XFS	74 A-E	96 E-J	84 A	72 A	77 B-G	63 D-F	76 A-E	64 B-E	62 A-G
Progeny 4604XFS**	XFS	74 A-E	105 A-H	75 A-F	66 AB	81 A-E	68 A-E	75 A-F	68 A-D	56 D-J
Progeny 4691XFS*	XFS	74 A-F	118 AB	68 D-I	65 AB	75 C-H	62 EF	77 A-E	66 A-E	60 B-H
Don Mario DM48F53	XF	73 A-G	111 A-D	62 H-K	59 A-E	85 AB	65 B-F	75 A-F	64 B-E	67 A-C
Dyna-Gro S48EN73	E3	73 B-G	100 D-J	73 B-H	69 AB	78 B-G	66 A-E	73 A-G	68 A-E	56 E-J
USG 7463XF	XF	72 C-G	103 B-H	64 F-K	64 AB	77 B-G	65 B-F	72 A-H	63 B-F	64 A-F
Revere 4934XF	XF	71 D-G	101 C-I	68 D-I	55 B-F	80 A-F	66 A-F	70 C-I	63 B-F	68 AB
Dyna-Gro S49XF43S	XFS	71 D-G	91 H-J	69 D-I	72 A	73 D-H	69 A-D	69 C-I	66 A-E	62 A-G
Progeny 4798XF	XF	71 E-H	100 D-J	66 E-J	61 A-D	71 GH	65 A-F	77 A-E	64 B-E	62 A-G
Innvictis A4862XF	XF	71 E-H	95 F-J	63 G-K	60 A-E	75 C-H	71 AB	69 C-I	70 AB	63 A-G
Xitavo 4894E	E3	70 E-H	87 IJ	75 A-F	66 AB	79 B-G	65 B-F	74 A-G	66 A-E	50 I-L
Asgrow AG47XF2	XF	70 E-H	97 D-J	68 D-I	63 A-C	78 B-G	62 EF	65 E-I	61 B-H	65 A-E
USG 7494ETS	E3S	70 E-H	100 D-J	72 C-H	55 B-F	72 E-H	66 A-F	70 C-I	65 B-E	59 B-I
Progeny 4775E3S	E3S	69 F-H	110 A-F	66 F-J	60 A-E	76 B-G	64 C-F	63 F-I	61 D-H	54 G-J
Xitavo 4653E	E3	69 GH	92 G-J	68 D-I	65 AB	78 B-G	60 FG	73 A-G	60 E-H	56 F-J
Progeny 4806XFS	XFS	67 HI	101 D-I	66 F-J	42 F	66 HI	71 A	71 B-H	66 A-E	50 J-L
Innvictis B4903E	E3	67 HI	92 G-J	55 JK	48 C-F	85 AB	67 A-E	67 D-I	60 E-H	58 C-J
Revere 4731XF	XF	66 HI	91 H-J	71 D-H	47 D-F	79 A-G	63 D-F	59 H-J	63 B-F	60 A-H
Innvictis B4603E	E3	64 I	85 J	56 JK	67 AB	76 B-G	64 D-F	57 IJ	56 F-H	53 H-K
MO S18-17644	Conv	55 J	61 K	59 I-K	47 D-F	70 F-I	54 GH	57 IJ	54 GH	44 KL
Perdue Agribusiness P48MO21	Conv	54 J	56 K	54 K	55 B-F	57 J	52 H	62 G-I	53 HI	41 L
TN Exp TN18-4110b	Conv.	47 K	54 K	36 L	46 EF	60 IJ	43 I	47 J	46 I	44 KL
Average		70	97	69	62	77	64	71	64	59
Standard Error		5	5	4	5	4	2	5	3	3
L.S.D. <sub>.05</sub>		5	16	11	15	9	6	13	8	9
C.V.		12	10	10	15	7	6	11	8	10

† 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