

Table 15. Mean[†] yields across and by location of 40 Maturity Group IV Late (4.5 - 4.9) soybean varieties evaluated in replicated small plot trials at nine AgResearch and Education Center locations in Tennessee during 2024.

Variety	Herbicide Pkg [†]	Avg. Yield [§] (bu/ac)	Greeneville Non-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 S49XF43S	XFS	57 A	70 A	67 A-C	18 B-J	49 A-G	74 AB	56 A-D	62 A
Asgrow AG49XF4	XFS	57 AB	78 A	64 A-G	17 E-J	52 A-D	71 A-D	55 A-E	59 AB
Pioneer P49Z02E	E3	56 A-C	67 A	62 A-I	23 A-C	51 A-E	75 A	60 AB	57 A-E
Pioneer P47Z15BE	E3S-Bolt	56 A-D	68 A	70 AB	16 F-J	46 A-J	75 AB	60 AB	58 A-C
Revere 49-F36	XF	56 A-D	69 A	71 A	21 A-G	47 A-H	67 A-I	61 A	55 A-G
Donmario DM48F53*	XF	55 A-E	70 A	66 A-D	17 D-J	53 AB	71 A-D	59 AB	50 C-I
CNI Integra XF4875S	XF	55 A-E	70 A	60 C-L	24 A	50 A-G	70 A-F	60 A	54 A-G
Progeny 4947XFS	XFS	55 A-F	68 A	64 A-F	17 E-J	53 AB	71 A-E	57 A-C	52 B-H
Pioneer P48Z70BLX	E3S-Bolt	55 A-G	67 A	58 C-L	22 A-E	53 A-E	70 A-H	57 A-D	57 A-D
USG 7461XFS***	XFS	54 A-H	73 A	64 A-H	22 A-D	46 A-J	63 C-J	54 A-E	52 B-H
Innvictis A4862XF	XF	53 B-I	58 A	62 A-I	21 A-I	55 A	69 A-G	51 A-E	52 B-H
Progeny 4623XF	XF	53 C-I	72 A	60 C-L	17 F-J	50 A-F	67 A-I	46 D-F	56 A-F
USG 7494ETS	E3S	52 D-J	61 A	55 F-M	23 AB	48 A-G	69 A-G	58 A-C	53 B-H
Progeny 4691XFS	XFS	52 E-K	63 A	56 E-M	20 A-H	46 A-J	72 A-C	60 AB	45 HI
USG 7495XFS	XFS	52 E-L	66 A	57 D-M	14 J	42 F-J	72 A-D	55 A-E	56 A-F
USG 7485ETS	E3S	51 F-M	64 A	61 B-J	21 A-F	41 E-J	64 C-J	55 A-E	51 B-H
Revere 47-F77	XF	51 F-M	61 A	59 C-L	20 A-G	45 B-J	69 A-F	56 A-D	49 E-I
Great Heart GT4756XF	RR/LL	51 F-M	66 A	57 D-M	18 B-J	48 A-G	64 C-J	53 A-E	53 B-H
Progeny 4604XFS	XFS	51 F-M	67 A	61 B-J	18 B-J	43 E-J	64 C-J	54 A-E	53 B-H
Pioneer P46A90LX	RR2X/LL	51 F-M	56 A	62 A-I	17 D-J	44 C-J	74 AB	57 A-D	50 C-I
CNI Integra XF4634S	XF	51 G-M	61 A	65 A-E	21 A-F	42 F-J	60 IJ	57 A-D	52 B-H
Dyna-Gro S48XF35	XF	51 G-M	56 A	62 A-I	16 F-J	48 A-G	63 D-J	59 AB	51 B-H
Xitavo XO 4894E	E3	51 H-M	69 A	58 D-M	18 A-J	44 B-J	68 A-I	50 B-E	49 F-I
Xitavo XO 4772E	E3	51 H-N	64 A	55 F-M	14 F-J	42 F-J	67 A-I	57 A-D	54 A-G
Innvictis A4924XF	XF	50 H-N	66 A	55 G-M	17 E-J	46 A-J	69 A-H	46 EF	54 A-G
Progeny 4798XF	XF	50 H-N	61 A	51 K-M	18 D-J	51 A-E	61 F-J	55 A-E	53 B-H
Pioneer P46Z53E	E3	49 I-N	65 A	58 D-M	17 D-J	37 J	67 A-I	53 A-E	49 D-I
USG 7474XFS	XFS	49 I-N	58 A	57 E-M	17 B-J	47 A-I	62 E-J	56 A-E	49 D-I
Donmario DM46F54S	XF	49 I-N	60 A	57 D-M	15 J	45 B-J	64 C-J	56 A-E	48 F-I
CNI Fortus 4655ES	E3	49 I-N	60 A	60 B-K	15 IJ	38 H-J	70 A-E	52 A-E	49 E-I
Progeny 4999E3S	E3S	49 I-N	55 A	53 I-M	17 C-J	41 G-J	68 A-I	56 A-D	53 B-H
USG 7463XF	XF	49 I-N	61 A	54 I-M	17 C-J	41 F-J	66 B-I	56 A-E	48 F-I
Innvictis A4814XF	XF	49 I-N	65 A	56 E-M	17 A-J	42 E-J	67 A-I	48 C-E	48 G-I
Innvictis A4664XF	XF	49 K-N	61 A	56 E-M	18 D-J	41 F-J	70 A-F	50 B-E	46 HI
Progeny 4806XFS	XFS	49 J-N	60 A	51 LM	18 A-J	43 D-J	66 A-I	49 A-E	54 A-G
Dyna-Gro S47XF23S	XFS	48 K-N	55 A	52 K-M	13 J	48 A-G	64 C-J	55 A-E	51 B-H
MO S20-7117	Conv	48 L-N	63 A	50 M	16 G-J	45 B-J	59 H-J	52 A-E	48 F-I
Progeny 4775E3S	E3S	48 L-N	65 A	55 H-M	21 A-J	53 A-C	55 J	37 F	50 C-I
Revere 4826XFS	XFS	48 MN	58 A	52 J-M	17 B-J	40 F-J	66 A-I	57 A-D	43 I
Progeny 4848XF	XF	47 N	54 A	55 E-M	15 H-J	37 IJ	61 G-J	55 A-E	49 F-I
Average		51	64	59	18	46	67	54	52
Standard Error		6	6	5	2	4	3	4	5
L.S.D. _{.05}		4	N.S.	10	5	9	9	11	8
C.V.		12	14	10	17	13	8	12	9

[†] 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 highlighted 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.

* 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.

¶ Knoxville excluded due to equipment failure. Memphis excluded due to late harvest.