

Table A-26. Mean[†] yield and agronomic traits of 37 Maturity Group IV Late (4.5 - 4.9) soybean varieties evaluated in small plot replicated trials without irrigation at AgriCenter International in Memphis, Tennessee during 2022. Analysis included variety performance over a 1 yr (2022), 2 yr (2021-2022), and 3 yr (2020-2022) period.

Variety	Herbicide Pkg [†]	Avg. Yield [§] (bu/ac)			Moisture at Harvest (%)		
		1 yr	2 yr	3 yr	1 yr	2 yr	3 yr
Progeny 4806XFS	XFS	73 A	77 A		14.9 D-G	20.7 A	
Progeny 4604XFS*	XFS	70 AB	76 AB		15.3 AB	21.7 A	
USG 7463XF	XFS	66 A-C			14.9 D-F		
USG 7481XF	XF	66 A-C	76 AB		14.8 D-G	20.0 A	
Progeny 4821RX	RX	66 A-C	75 A-C	67 A	14.9 D-F	20.6 A	19.7 A
Progeny 4691XFS	XFS	66 A-C			15.3 A-C		
Progeny 4932E3	E3	65 A-D			15.3 A		
Innvictis A4662XF	XF	64 A-D			14.9 D-G		
Progeny 4798XF	XF	64 A-D			15.0 C-E		
USG 7461XFS*	XFS	64 A-D	71 A-D		14.9 D-F	20.7 A	
USG 7493ETS	E3S	62 B-E			14.7 F-I		
Progeny 4844XFS	XFS	61 B-F			15.0 D-F		
Asgrow AG48XF2	XF	61 B-G			14.5 J-L		
Innvictis A4642XF	XF	59 C-H			14.8 D-G		
Innvictis A4742XF	XF	59 C-H			14.6 G-J		
Revere 4826XF	XF	57 C-I			14.4 K-N		
Progeny 4732XF	XF	56 D-J			15.1 B-D		
Progeny 4775E3S	E3S	53 E-K			15.1 B-D		
Revere 4606XFS*	XFS	53 E-K	67 C-E		14.5 I-K	20.5 A	
Asgrow AG47XF2	XF	52 F-K			14.5 I-K		
Progeny 4951XFS	XFS	52 F-L			15.0 C-E		
Revere 4795XS***	RXS	51 G-L	68 B-E	68 A	14.5 J-M	20.7 A	19.5 A
USG 7496XTS*	RXS	51 H-L	64 D-F	57 B	14.8 E-H	22.0 A	20.4 A
Revere 4806XS*	RXS	50 H-L	64 D-F		14.4 K-N	21.1 A	
Dyna-Gro S46XF31S*	XFS	50 H-L	66 D-F		14.2 NO	20.5 A	
Dyna-Gro S48EN73	E3	49 I-M			14.1 O		
Innvictis A4862XF	XF	47 J-N			14.6 H-K		
Revere 4727XF	XF	46 J-N			14.5 H-K		
Dyna-Gro S49XF82S	XFS	45 K-O			12.5 P		
Dyna-Gro S47XF23S	XFS	42 L-O			14.1 NO		
NK Seed NK47-Z1XF	XF	40 M-O			14.9 D-G		
Dyna-Gro S49XF43S	XFS	40 M-O			12.4 P		
Dyna-Gro S49EN12	E3	40 M-O	59 EF		14.1 O	20.4 A	
AR R18-14502	Conv	38 NO			14.2 M-O		
MO S17-2066C	Conv	37 NO			14.2 NO		
Dyna-Gro S46ES91	E3S	36 OP	58 F		14.0 O	20.1 A	
Revere 4925XFS	XFS	27 P			14.2 L-O		
Average		53	68	64	14.5	20.8	19.9
Standard Error		3	13	9	0.1	6.2	3.9
L.S.D. _{.05}		10	9	9	0.3	N.S.	N.S.
C.V.		11	11	14	1	6	5

† 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 31.

§ All yields are adjusted to 13% moisture.