Table A-32-a. Mean† yield, agronomic traits, and quality of 13 Maturity Group V Early (5.0 - 5.4) soybean varieties evaluated in small plot replicated trials with irrigation at the AgResearch and Education Center at Milan in Milan, 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 (%)			Plant Height (in.)			Lodging‖ (1-5)			Maturity (DAP)		
		1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr
Revere 5029XF	XF	75 A			11.5 AB			44 A-C			1.7 B-D			145 BC		
Progeny 5056XFS	XFS	71 AB			11.7 A			46 AB			1.7 B-D			146 BC		
MO S16-9478C	Conv	70 AB	68 A		11.0 D-F	12.1 A		38 EF	36 B		1.3 CD	1.7 A		147 AB	147 A	
Progeny 5016RXS	RXS	70 A-C	70 A	70	11.3 B-D	12.1 A	12.1	44 A-C	43 A	46	1.0 D	1.0 A	-	145 BC	145 B	143
Asgrow AG53XF2	XF	68 A-D			11.0 EF			47 A			1.0 D			142 DE		
MO S17-2509C	Conv	67 A-D			11.1 D-F			39 D-F			2.0 BC			146 BC		
Progeny 5150XFS	XFS	65 B-D			10.5 G			41 C-E			1.3 CD			140 E		
NK Seed NK52-D6E3	E3	65 B-D			11.1 D-F			43 B-D			3.3 A			144 CD		
Dyna-Gro SX22751XF	XFS	64 B-D			10.5 G			42 CD			1.3 CD			141 E		
MO S16-14869C	Conv	61 B-E			11.5 AB			39 D-F			2.3 B			148 A		
Progeny 5045E3S	E3S	60 C-E			10.9 F			46 A			1.0 D			145 B-D		
MO S18-6328C	Conv	60 DE			11.4 BC			36 F			2.0 BC			146 BC		
Dyna-Gro S51EN62	E3	53 E			11.2 C-E			43 A-C			1.0 D			140 E		
Average		**65**	**69**	**-**	**11.1**	**12.1**	**-**	**42**	**40**	**-**	**1.6**	**1.3**	**-**	**144**	**146**	**-**
Standard Error		**3**	**2**	**-**	**0.1**	**1.0**	**-**	**1**	**2**	**-**	**0.3**	**0.2**	**-**	**1**	**0**	**-**
L.S.D.$_{.05}$		**9**	**N.S.**	**-**	**0.3**	**N.S.**	**-**	**4**	**3**	**-**	**1.0**	**N.S.**	**-**	**2**	**2**	**-**
C.V.		**9**	**6**	**-**	**1**	**2**	**-**	**5**	**6**	**-**	**-**	**-**	**-**	**1**	**1**	**-**

† 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.
‖ Lodging was evaluated on a a scale of 1 (no lodging) to 5 (complete lodging). If not reported, no differences in lodging were observed.
C.V. is not reported for traits measured on a ratio scale.