Table A-9. Mean[†] yield and agronomic traits of eight Maturity Group III (3.0 - 3.9) soybean varieties evaluated in small plot replicated trials at the Highland Rim AgResearch and Education Center - Irrigated Trial in Springfield, Tennessee during 2024.

Variety	Herbicide Pkg[†]	Avg. Yield[§] (bu/ac)	Moisture at Harvest (%)	Maturity (DAP)	Plant Height (in.)	Lodging[††] (1-5)
Xitavo XO 3855E	E3	62 A	11.1 A	116 BC	29 C	1.0
Benson Hill C38H052s	Conv	60 AB	10.7 A	116 B	28 C	1.0
Dyna-Gro S38EN75	E3	59 AB	11.9 A	114 D	29 C	1.0
Pioneer P38Z63E	E3	59 AB	10.4 A	114 D	30 BC	1.0
Innvictis A3974XF	XF	56 BC	10.5 A	118 A	36 A	1.0
Benson Hill N35D950S	Conv	56 BC	11.1 A	115 B-D	30 BC	1.0
Benson Hill BX37Q467	Conv	52 C	10.9 A	114 D	32 B	1.0
Xitavo XO 3795E	E3	51 C	11.0 A	114 CD	32 B	1.0
Average		57	11.0	115	31	1.0
Standard Error		2	0.6	1	1	-
L.S.D.$_{.05}$		5	N.S.	2	3	-
C.V.		5	9	1	5	-

† 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 highted 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.
 - C.V. is only reported for variables evaluated on a ratio scale.
 - L.S.D. values are given for ANOVA that were signficant at P<0.05. Variables in which minimal variation was observed were not subjected to ANOVA and are reported as N.S.
‡ For a full description of abbreviated biotech traits, see table 23.
* Asterisks after a name indicate the number of preceding consecutive years in the top-performing "A" group.
§ All yields are adjusted to 13% moisture.
†† Lodging was evaluated on a a scale of 1 (no lodging) to 5 (complete lodging).