Table A-21. Mean[†] yield and agronomic traits of eight Maturity Group III (3.0 - 3.9) soybean varieties evaluated in small plot replicated trials at the Milan AgResearch and Education Center - Irrigated Trial in Milan, 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	66 A	12.7 A	126 AB	34 C	1.0
Dyna-Gro S38EN75	E3	66 A	12.7 A	125 B	40 B	1.0
Pioneer P38Z63E	E3	64 A	12.4 A	121 C	39 B	1.0
Innvictis A3974XF	XF	64 A	14.5 A	127 A	47 A	1.0
Xitavo XO 3795E	E3	62 A	12.3 A	125 AB	40 B	1.0
Benson Hill N35D950S	Conv	60 A	12.2 A	118 D	38 B	1.0
Benson Hill BX37Q467	Conv	56 A	12.8 A	121 C	39 B	1.0
Benson Hill C38H052s	Conv	55 A	12.2 A	125 AB	33 C	1.0
Average		61	12.7	123	39	1.0
Standard Error		3	0.6	1	1	-
L.S.D.$_{.05}$		N.S.	N.S.	2	3	-
C.V.		7	8	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).