Table A-1. Mean[†] yield and agronomic traits of eight Maturity Group III (3.0 - 3.9) soybean varieties evaluated in small plot replicated trials at the Northeast Tennessee AgResearch and Education Center in Greeneville, Tennessee during 2024.

Variety	Herbicide Pkg[†]	Avg. Yield[§] (bu/ac)	Moisture at Harvest (%)	Maturity (DAP)	Plant Height (in.)	Lodging[††] (1-5)
Dyna-Gro S38EN75	E3	84 A	13.4 A	131 A	29 C-E	1.0
Benson Hill N35D950S	Conv	77 A	13.6 A	122 C	30 B-D	1.0
Xitavo XO 3795E	E3	74 A	12.9 A	128 AB	32 B	1.0
Innvictis A3974XF	XF	74 A	11.4 A	130 A	36 A	1.0
Benson Hill C38H052s	Conv	74 A	13.2 A	129 AB	29 DE	1.0
Xitavo XO 3855E	E3	73 A	14.6 A	128 AB	25 F	1.0
Pioneer P38Z63E	E3	70 A	13.0 A	126 BC	27 EF	1.0
Benson Hill BX37Q467	Conv	67 A	13.1 A	128 AB	31 BC	1.0
Average		74	13.1	128	30	1.0
Standard Error		4	0.9	1	1	-
L.S.D..05		N.S.	N.S.	4	2	-
C.V.		8	11	2	4	-

† 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.