Table A-28. Mean[†] yield and agronomic traits of eight Maturity Group V (5.0 - 5.9) soybean varieties evaluated in small plot replicated trials at the Milan Rim AgResearch and Education Center - Non-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)
Pioneer P53Z60LX	RR2X/LL	58 A	13.1 B	142 B-	34 B	2.0
USG 7543XF	XF	56 A	14.1 A	146 AB	44 A	2.7
Pioneer P50Z95E	E3	55 A	12.6 B	138 D	38 B	1.0
Progeny 5056XFS	XFS	55 A	12.8 B	147 A	43 A	2.0
MO S20-13179LL55	LL	54 A	12.8 B	144 A-	46 A	1.7
MO S20-1492	Conv	52 A	12.7 B	140 CD	36 B	2.0
USG 7534GT	GT	46 A	14.7 A	140 CD	44 A	2.3
MO S20-4428	Conv	46 A	13.0 B	142 B-	37 B	1.0
Average		53	13.2	142	40	1.8
Standard Error		5	0.3	2	2	0.4
L.S.D..05		N.S.	1.0	5	5	-
C.V.		15	4	2	7	-

† 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).