2026 Missouri Soybean Test

North Region: Novelty - Maturity Group 4

Variety Testing Program
University of Missouri

Planting Date: 05-06-2026
Harvest Date: 10-27-2026
Cooperator: Missouri Ag Experiment Station
Previous Crop: Rice Planting Population: 160,000/acre Soil: Conv, Kilwinning silt loam
Seasonal Precip§: 21.5 in

Brand	Variety	Yield (bu/ac)	Maturity Group	Herb Tech†	Lodging (1-5)~	Height (inches)
Pioneer	P45Z75E	100.2 **	4.5	E3	1	42
Asgrow	AG 42XF6	99.8 *	4.2	XF	1	38
Apex	AE4470 Protect Ultra	97.5 *	4.4	E3	1	37
Pioneer	P48Z35E	95.5	4.8	E3	1	43
Pioneer	P48Z73E	95.3	4.8	E3	1	40
Pioneer	P46Z26E	94.5	4.6	E3	1	38
Pioneer	P47Z15BE	94.1	4.7	E3	1	42
AgVenture	AV40C3E	93.6	4.0	E3	1	39
Asgrow	AG 40XF1	93.1	4.0	XF	1	37
Pioneer	P44Z67BE	91.5	4.4	E3	1	41
AgVenture	AV43B2BE	91.1	4.3	E3	1	39
Apex	AE4270S Protect Ultra	91.0	4.2	E3, STS	1	34
Pioneer	P43Z44E	90.7	4.3	E3	1	36
Confluence Genetics	x41P002	90.0	4.1	Conv	1	39
Confluence Genetics	x40P974E	89.6	4.0	E3	1	40
Pioneer	P45Z21E	89.6	4.5	E3	1	41
FS HiSOY	HS 41E40	89.3	4.1	E3	1	36
Xitavo	XO 4056E	83.2	4.0	E3	1	34
MEAN		**92.5**			**1**	**39**
LSD (0.10)		**3.9**				
CV (%)		**3.9**				

***Highest yielding variety in test*

**Yield not significantly less than the highest yielding variety in the test*

†Herb Tech (Herbicide Technology): Conv = Conventional (no herbicide traits); E3 = Enlist E3™; XF = XtendFlex®; LL = LibertyLink®; GT27 = Balance GT + LibertyLink®; RR2X = Roundup Ready 2 Xtend®; RR2Y = Roundup Ready 2 Yield®; RR1 = Roundup Ready®; STS = Sulfonylurea tolerance.

~Lodging rated on a 1 to 5 scale where 1 = fewer than 20% plants lodged and 5 = more than 80% plants lodged

§May-September Precipitation