2026 Missouri Soybean Test

North Region: Canton - Maturity Group 4

Variety Testing Program
University of Missouri

Planting Date: 05-06-2026
Harvest Date: 10-25-2026
Cooperator: Bill Lloyd and Dan McCuthan
Previous Crop: Corn Planting Population: 160,000/acre Soil: Conv, Westerville silt loam
Seasonal Precip§: 22.3 in

Brand	Variety	Yield (bu/ac)	Maturity Group	Herb Tech†	Lodging (1-5)~	Height (inches)
Apex	AE4270S Protect Ultra	83.7 **	4.2	E3, STS	1	42
Pioneer	P45Z75E	83.7 **	4.5	E3	1	51
Apex	AE4470 Protect Ultra	83.3 *	4.4	E3	1	47
Xitavo	XO 4056E	82.3 *	4.0	E3	1	43
Asgrow	AG 40XF1	81.1 *	4.0	XF	1	50
Pioneer	P48Z35E	81.1 *	4.8	E3	1	54
Pioneer	P46Z26E	78.0	4.6	E3	1	51
Pioneer	P43Z44E	77.8	4.3	E3	1	48
Pioneer	P44Z67BE	76.9	4.4	E3	1	52
Pioneer	P48Z73E	75.3	4.8	E3	1	48
Pioneer	P47Z15BE	72.7	4.7	E3	1	49
AgVenture	AV43B2BE	71.6	4.3	E3	1	42
Asgrow	AG 42XF6	71.1	4.2	XF	1	52
FS HiSOY	HS 41E40	71.1	4.1	E3	1	44
AgVenture	AV40C3E	70.3	4.0	E3	1	45
Confluence Genetics	x40P974E	69.9	4.0	E3	1	50
Confluence Genetics	x41P002	66.9	4.1	Conv	1	50
Pioneer	P45Z21E	64.3	4.5	E3	1	50
MEAN		**75.0**			**1**	**47**
LSD (0.10)		**4.4**				
CV (%)		**5.5**				

***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