2026 Missouri Soybean Test

North Region: Novelty - Maturity Group 3

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)
FS HiSOY	HS 36F40	97.2 **	3.6	XF	1	39
FS HiSOY	HS 38E50	97.1 *	3.8	E3	1	42
Asgrow	AG 39XF3	96.4 *	3.9	XF	1	40
AgVenture	AV33D4E	95.7 *	3.3	E3	1	37
AgVenture	AV37D4BE	91.0	3.7	E3	1	36
AgVenture	AV36B2E	90.9	3.6	E3	1	37
AgVenture	AV39D4E	90.8	3.9	E3	1	38
FS HiSOY	HS 39F50	90.1	3.9	XF	1	38
Xitavo	XO 3956E	90.1	3.9	E3	1	39
Confluence Genetics	x36F039	89.0	3.6	Conv	1	35
Apex	AE3950S Start + Victralo + Maximize	88.6	3.9	E3, STS	1	36
Confluence Genetics	39N232	87.8	3.9	Conv	1	33
Confluence Genetics	x34P117	87.7	3.4	Conv	1	35
Confluence Genetics	37N221	87.1	3.7	Conv	1	37
Confluence Genetics	x38F038	87.1	3.8	Conv	1	39
Pioneer	P38Z41E	86.6	3.8	E3	1	38
AgVenture	AV38B2E	85.7	3.8	E3	1	33
Confluence Genetics	39F093E	85.6	3.9	E3	1	33
FS HiSOY	HS 36E60	85.2	3.6	E3	1	33
DONMARIO	DM33E55	85.0	3.3	E3	1	34
Apex	AE3870S Protect Ultra	84.5	3.8	E3, STS	1	32
Confluence Genetics	37P218	84.2	3.7	Conv	1	37
Xitavo	XO 3555E	84.2	3.5	E3	1	29
Confluence Genetics	36N203	83.8	3.6	Conv	1	37
DONMARIO	DM37E66	83.7	3.7	E3	1	33
Apex	AE3550S Start + Victralo + Maximize	83.7	3.5	E3, STS	1	33
FS HiSOY	HS 37E40	82.6	3.7	E3	1	33
AgVenture	AV34B2E	80.9	3.4	E3	1	35
Confluence Genetics	x33P226E	80.7	3.3	E3	1	36
Confluence Genetics	x34P216	80.4	3.4	Conv	1	36
Pioneer	P37Z06E	79.7	3.7	E3	1	29
FS HiSOY	HS 35E50	79.2	3.5	E3	1	31
MEAN		**87.3**			**1**	**36**
LSD (0.10)		**3.5**				
CV (%)		**3.8**				

***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