2026 Missouri Soybean Test

North Region: Rock Port - Maturity Group 3

Variety Testing Program
University of Missouri

Planting Date: 05-08-2026
Harvest Date: 10-28-2026
Cooperator: Missouri Ag Experiment Station
Previous Crop: Corn Planting Population: 160,000/acre Soil: No Till, Salix silty clay loam
Seasonal Precip§: 28.0 in

Brand	Variety	Yield (bu/ac)	Maturity Group	Herb Tech†	Lodging (1-5)~	Height (inches)
FS HiSOY	HS 38E50	91.9 **	3.8	E3	1	32
AgVenture	AV37D4BE	90.7 *	3.7	E3	1	33
FS HiSOY	HS 35E50	90.5 *	3.5	E3	1	25
FS HiSOY	HS 36E60	90.5 *	3.6	E3	1	32
AgVenture	AV34B2E	89.6 *	3.4	E3	1	35
DONMARIO	DM37E66	87.6 *	3.7	E3	1	32
Confluence Genetics	39F093E	87.5 *	3.9	E3	1	35
Asgrow	AG 39XF3	86.6 *	3.9	XF	1	36
AgVenture	AV36B2E	86.5 *	3.6	E3	1	32
FS HiSOY	HS 37E40	86.3 *	3.7	E3	1	34
Apex	AE3950S Start + Victralo + Maximize	86.1 *	3.9	E3, STS	1	33
Xitavo	XO 3956E	85.9	3.9	E3	1	33
AgVenture	AV39D4E	85.4	3.9	E3	1	34
Confluence Genetics	39N232	85.3	3.9	Conv	1	36
AgVenture	AV33D4E	85.2	3.3	E3	1	29
DONMARIO	DM33E55	84.3	3.3	E3	1	36
Apex	AE3870S Protect Ultra	83.7	3.8	E3, STS	1	30
Pioneer	P38Z41E	83.6	3.8	E3	1	35
FS HiSOY	HS 36F40	83.5	3.6	XF	1	33
Confluence Genetics	x34P216	83.2	3.4	Conv	1	32
Confluence Genetics	x34P117	83.2	3.4	Conv	1	30
FS HiSOY	HS 39F50	82.5	3.9	XF	1	34
Pioneer	P37Z06E	82.2	3.7	E3	1	30
AgVenture	AV38B2E	82.0	3.8	E3	1	27
Confluence Genetics	x36F039	81.4	3.6	Conv	2	33
Confluence Genetics	37P218	81.4	3.7	Conv	1	34
Confluence Genetics	37N221	80.4	3.7	Conv	1	34
Apex	AE3550S Start + Victralo + Maximize	79.7	3.5	E3, STS	1	33
Confluence Genetics	x38F038	78.0	3.8	Conv	1	34
Xitavo	XO 3555E	77.7	3.5	E3	2	30
Confluence Genetics	x33P226E	77.6	3.3	E3	1	33
Confluence Genetics	36N203	76.9	3.6	Conv	1	36
MEAN		**84.5**			**1**	**33**
LSD (0.10)		**5.9**				
CV (%)		**6.6**				

***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