2026 Missouri Soybean Test

North Region: Mooresville - Maturity Group 3

Variety Testing Program
University of Missouri

Planting Date: 05-07-2026
Harvest Date: 10-27-2026
Cooperator: Beetsma Farms
Previous Crop: Corn Planting Population: 160,000/acre Soil: Conv, Lagonda silty clay loam
Seasonal Precip§: 23.1 in

Brand	Variety	Yield (bu/ac)	Maturity Group	Herb Tech†	Lodging (1-5)~	Height (inches)
AgVenture	AV33D4E	80.7 **	3.3	E3	1	35
FS HiSOY	HS 36E60	80.6 *	3.6	E3	1	35
Xitavo	XO 3555E	80.4 *	3.5	E3	1	36
FS HiSOY	HS 38E50	79.2 *	3.8	E3	1	43
Apex	AE3550S Start + Victralo + Maximize	78.9 *	3.5	E3, STS	1	33
Apex	AE3950S Start + Victralo + Maximize	77.7 *	3.9	E3, STS	1	41
Confluence Genetics	x33P226E	77.5 *	3.3	E3	1	39
Asgrow	AG 39XF3	77.4 *	3.9	XF	1	42
AgVenture	AV34B2E	77.2 *	3.4	E3	1	38
DONMARIO	DM33E55	77.0	3.3	E3	1	35
Confluence Genetics	37N221	76.9	3.7	Conv	1	39
Xitavo	XO 3956E	76.9	3.9	E3	1	42
Confluence Genetics	39N232	75.3	3.9	Conv	1	38
AgVenture	AV36B2E	75.2	3.6	E3	1	37
Confluence Genetics	x34P117	75.0	3.4	Conv	1	39
AgVenture	AV38B2E	74.7	3.8	E3	1	38
Confluence Genetics	x34P216	74.6	3.4	Conv	1	36
AgVenture	AV39D4E	73.7	3.9	E3	1	39
FS HiSOY	HS 37E40	73.5	3.7	E3	1	39
Confluence Genetics	x38F038	73.3	3.8	Conv	1	38
AgVenture	AV37D4BE	73.2	3.7	E3	1	38
Confluence Genetics	x36F039	72.4	3.6	Conv	1	35
Pioneer	P37Z06E	71.9	3.7	E3	1	39
DONMARIO	DM37E66	71.4	3.7	E3	1	38
FS HiSOY	HS 35E50	71.2	3.5	E3	1	36
Confluence Genetics	37P218	70.7	3.7	Conv	1	42
Apex	AE3870S Protect Ultra	70.6	3.8	E3, STS	1	31
Pioneer	P38Z41E	70.2	3.8	E3	1	39
Confluence Genetics	36N203	70.1	3.6	Conv	1	40
FS HiSOY	HS 39F50	68.6	3.9	XF	1	40
Confluence Genetics	39F093E	68.0	3.9	E3	1	36
FS HiSOY	HS 36F40	67.7	3.6	XF	1	38
MEAN		**74.3**			**1**	**38**
LSD (0.10)		**3.6**				
CV (%)		**4.6**				

***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