2026 Missouri Soybean Test

North Region: Canton - Maturity Group 3

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)
Pioneer	P37Z06E	83.3 **	3.7	E3	1	46
FS HiSOY	HS 39F50	81.9 *	3.9	XF	3	48
Xitavo	XO 3956E	80.0 *	3.9	E3	2	51
Apex	AE3950S Start + Victralo + Maximize	76.8	3.9	E3, STS	2	45
FS HiSOY	HS 35E50	76.6	3.5	E3	3	42
Confluence Genetics	x36F039	76.3	3.6	Conv	3	45
FS HiSOY	HS 36F40	76.3	3.6	XF	3	48
Apex	AE3550S Start + Victralo + Maximize	76.3	3.5	E3, STS	2	44
FS HiSOY	HS 37E40	76.2	3.7	E3	1	47
Xitavo	XO 3555E	76.2	3.5	E3	1	45
Confluence Genetics	x38F038	75.8	3.8	Conv	2	43
Confluence Genetics	36N203	75.4	3.6	Conv	2	49
AgVenture	AV39D4E	75.2	3.9	E3	3	45
Apex	AE3870S Protect Ultra	72.8	3.8	E3, STS	2	44
Asgrow	AG 39XF3	71.9	3.9	XF	3	44
AgVenture	AV36B2E	70.4	3.6	E3	4	46
Confluence Genetics	39N232	70.1	3.9	Conv	2	47
Confluence Genetics	39F093E	69.4	3.9	E3	2	40
AgVenture	AV38B2E	68.8	3.8	E3	2	42
Pioneer	P38Z41E	68.7	3.8	E3	3	45
Confluence Genetics	x34P216	67.9	3.4	Conv	3	46
FS HiSOY	HS 36E60	67.8	3.6	E3	3	44
FS HiSOY	HS 38E50	67.4	3.8	E3	3	51
AgVenture	AV34B2E	67.2	3.4	E3	2	47
AgVenture	AV33D4E	66.0	3.3	E3	3	44
AgVenture	AV37D4BE	65.4	3.7	E3	4	46
Confluence Genetics	37P218	65.2	3.7	Conv	3	49
Confluence Genetics	x33P226E	64.3	3.3	E3	3	44
Confluence Genetics	37N221	64.2	3.7	Conv	2	41
Confluence Genetics	x34P117	63.4	3.4	Conv	4	45
DONMARIO	DM33E55	59.8	3.3	E3	2	48
DONMARIO	DM37E66	59.1	3.7	E3	4	50
MEAN		**71.0**			**3**	**46**
LSD (0.10)		**4.4**				
CV (%)		**5.8**				

***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