

2021 Soybean Test Results
Region 4:

COMPANY	NAME	Herbicide Trait ¹	ST ²	Regional Results				St Peter Yield bu/a	Belleville Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a	Regional	
				Yield bu/a	Maturity Date	Lodging 0-9	Height in					Protein @ 13%	Oil @ 13%
Early MG: 3.3-3.9													
AgVenture	AV38V3E	EN	B	78.6	9/23	1.3	35.7	74.5	82.8			35.5	19.7
AgVenture	AV39V7E	EN	B	74.6	9/27	1.5	36.5	78.3	70.8	72.5		34.2	20.4
AgVenture	AV39V8E	EN	B	79.1	9/25	0.5	37.5	72.9	85.4			33.6	21.2
Asgrow	AG33XF2	RF	B	74.4	9/24	1.2	37.5	70.8	78.1			33.5	20.7
Asgrow	AG35XF1	RF	B	74.2	9/24	1.3	37.8	72.5	75.9			34.6	20.7
Asgrow	AG37XF2	RF	B	71.5	9/24	1.5	39.7	68.6	74.4			37.4	19.1
Asgrow	AG38XF1	RF	B	78.4	9/25	0.8	41.1	73.3	83.4			35.1	20.0
Baird Seed	BHP 3887Y	CV	B	61.6	9/25	2.5	44.8	59.0	64.2			37.2	19.9
Baird Seed	Illini 3855N	CV	B	75.6	9/18	0.8	33.5	74.8	76.3	72.8	70.5	34.7	20.4
Baird Seed	Illini 3989N	CV	B	75.9	9/29	1.5	38.8	69.1	82.8	75.4		34.4	20.4
Burrus	3859E	EN	B	78.1	9/25	0.8	36.1	76.0	80.2			33.3	20.8
Channel	3521RFX	RF	Be	76.8	9/21	1.2	35.1	72.8	80.8			34.7	20.4
Channel	3721RFX	RF	Be	80.8	9/23	2.0	41.3	80.9	80.8			37.1	19.0
DONMARIO	DM3756E	EN	B	74.1	9/21	1.5	34.6	69.5	78.7	74.7	75.5	34.2	20.6
DONMARIO	DM37C62S	CV	B	74.2	9/25	1.7	41.3	69.7	78.7			34.7	20.7
DONMARIO	DM37F51	RF	B	80.3	9/19	1.0	35.9	78.7	81.8			34.6	20.4
DONMARIO	DM3932E	EN	B	78.6	9/26	1.7	38.4	77.6	79.6	77.6	78.8	35.0	19.8
DONMARIO	DM39F62	RF	B	72.3	9/28	2.0	46.5	73.4	71.2			35.9	19.8
Dyna-Gro	S37ES52	EN/ST	Bs	77.6	9/27	1.8	36.2	82.5	72.7			34.9	20.7
Dyna-Gro	S37XF42	RF	Bs	72.5	9/22	0.8	39.1	72.8	72.2			34.3	20.4
Dyna-Gro	S3961STS	CV/ST	Bs	77.2	9/26	1.0	40.7	78.8	75.5	75.2		35.7	19.1
Dyna-Gro	S39XF41	RF/ST	Bs	72.1	9/26	1.5	39.3	63.0	81.1			36.3	19.4
Hoffman	H393N	CV	B	76.6	9/26	1.5	38.9	77.6	75.6	73.6	72.9	35.4	20.2
Hoffman	H39E22	EN	B	78.2	9/25	0.8	35.5	73.6	82.8			33.5	21.0
NuTech	35N05E	EN	B	72.1	9/22	1.7	38.7	68.8	75.3			34.9	20.7
NuTech	37N01E	EN	B	78.2	9/26	1.5	37.6	74.5	81.8			36.2	19.6
NuTech	39N04E	EN	B	70.7	9/22	1.0	33.1	62.0	79.5	73.0		34.7	20.2
NuTech	39N05E	EN	B	78.1	9/27	0.7	36.5	75.5	80.7	71.6		33.9	20.6
Pioneer	P34T21SE	EN	B	74.8	9/21	1.3	38.9	69.0	80.7			34.7	20.9
Pioneer	P35T15E	EN	B	73.8	9/22	1.7	39.3	69.7	78.0			35.0	20.8
Pioneer	P38A49L	LL	B	78.3	9/24	0.7	39.8	70.6	85.9	76.1		35.3	20.6
Pioneer	P38T76E	EN	B	78.4	9/27	1.3	35.1	75.4	81.5			35.2	19.7
Public	Williams 82	CV	B	56.9	9/28	2.5	44.7	57.4	56.4			36.3	20.2
Stone Seed	2XF3531	RF	Be	75.7	9/22	1.2	34.6	71.7	79.7			34.6	20.6
Stone Seed	2XF3731	RF	Be	74.7	9/23	2.0	41.3	74.6	74.9			36.9	19.1
Stone Seed	2XF4231-SR	RF	Be	73.7	9/29	0.8	47.1	68.5	78.8			36.0	19.2
Xitavo	XO 3651E	EN	B	79.7	9/21	1.7	37.8	77.7	81.8			35.0	20.7
Xitavo	XO 3861E	EN	B	79.2	9/22	1.0	33.9	80.1	78.3			34.8	20.2
AVERAGE				74.9	9/24	1.4	38.5	72.5	77.3			35.2	20.1
L.S.D. 25% LEVEL				5.2		0.0	2.1	3.9	4.4			0.5	0.3
COEFF. OF VAR. (%)				10.4		0.0	8.2	5.7	6.0			2.2	2.3

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				Yield bu/a	Maturity Date	Lodging 0-9	Height in					Protein @ 13%	Oil @ 13%
Late MG: 4.0-4.7													
AgVenture	AV40V7E	EN	B	67.5	9/30	0.7	39.3	63.9	71.1	70.0		35.5	18.8
AgVenture	AV43V6E	EN	B	77.1	9/28	1.8	39.3	72.7	81.5	76.7		33.7	20.4
AgVenture	AV43V8LL	LL	B	77.7	9/30	0.8	42.8	79.9	75.4	78.9		34.3	20.6
AgVenture	AV46V2E	EN	B	73.7	9/29	1.2	35.5	70.5	77.0			34.4	20.8
AgVenture	AV46V9LL	LL	B	83.1	10/3	1.3	42.8	83.9	82.3			34.7	20.2
AgVenture	AV47V4LL	LL	B	81.3	9/29	1.0	41.2	78.5	84.1	80.3		35.3	19.3
Asgrow	AG40XF1	RF	B	82.6	9/30	1.3	43.4	85.3	79.8			35.4	19.5
Asgrow	AG43XF2	RF	B	77.0	10/3	1.0	39.4	75.5	78.5			34.5	20.8
Asgrow	AG47XF0	RF	B	70.1	10/1	0.8	41.6	68.5	71.6			33.6	20.5
Baird Seed	Illini 4218N	CV	B	75.5	9/23	1.5	38.3	81.8	69.3	74.5	74.4	35.9	20.4
Baird Seed	Illini 4300N	CV	B	73.1	9/26	0.8	35.4	69.5	76.7	74.2		34.3	21.0
DONMARIO	DM40E62	EN	B	70.3	9/30	1.5	37.2	70.9	69.7			37.1	19.8
DONMARIO	DM41C51	CV	B	72.1	9/30	2.0	38.2	73.0	71.2			34.0	20.9
DONMARIO	DM42F62	RF	B	74.7	9/29	1.8	41.4	68.3	81.1			35.3	19.7
Dyna-Gro	S40XF21S	RF/ST	Bs	72.4	9/28	1.2	44.8	72.0	72.8			36.1	19.2
Dyna-Gro	S4122STS	CV/ST	Bs	69.3	9/30	2.3	40.5	68.2	70.4			36.4	19.3
Dyna-Gro	S41EN72	EN	Bs	80.0	9/30	1.8	38.9	79.2	80.8			33.7	20.6
Dyna-Gro	S41ES80	EN/ST	Bs	77.4	10/2	1.2	38.4	72.7	82.1	75.4		36.0	19.1
Hoffman	H41E22	EN	B	75.2	9/30	2.0	37.6	68.6	81.9			33.2	20.8
Hoffman	H420N	CV	B	76.2	9/26	1.2	39.7	74.7	77.6	74.4		34.6	21.0
Hoffman	H46E21	EN	B	70.6	10/2	1.2	44.2	69.4	71.8	67.8		35.7	19.7
Missouri	S09-13608C	CV	B	61.8	10/3	1.7	45.0	58.4	65.2			36.2	18.1
Missouri	S16-12137C	CV	B	71.3	10/4	1.5	48.5	66.7	76.0			34.9	19.9
Missouri	S16-14730C	CV	B	64.3	10/4	1.5	39.7	65.5	63.1			35.8	19.4
Missouri	S16-5540R	RR	B	69.5	10/8	2.0	40.5	64.4	74.6			36.7	18.4
Missouri	S17-2193C	CV	B	67.6	10/5	1.2	47.1	61.7	73.5			35.0	19.6
Missouri	S17-2243C	CV	B	72.1	10/1	0.7	44.8	67.2	76.9			34.8	20.2
NuTech	41N03E	EN	B	75.2	9/30	0.8	38.4	74.5	75.9	72.0		35.4	19.0
NuTech	43N04E	EN	B	81.7	9/27	2.2	39.8	85.5	78.0	78.1		33.6	20.9
NuTech	46N02E	EN	B	71.9	10/1	0.7	37.3	67.5	76.4	72.8		34.2	21.1
Pioneer	P40T19E	EN	B	74.0	9/26	1.0	33.9	69.5	78.6			34.2	20.6
Pioneer	P42T31E	EN	B	71.1	9/29	1.8	38.8	68.2	74.1			33.4	20.8
Pioneer	P44A37L	LL	B	70.8	10/1	0.7	43.1	66.1	75.4	73.0		33.8	20.8
Virtue	V4122S	CV	B	75.2	10/1	1.8	39.9	75.4	74.9			35.7	19.7
Xitavo	XO 4371E	EN	B	72.4	10/1	1.8	38.2	75.6	69.2			35.7	20.3
AVERAGE				72.9	9/29	1.5	40.1	71.2	74.6			35.2	19.8
L.S.D. 25% LEVEL				4.9		0.0	1.8	2.6	4.0			0.5	0.4
COEFF. OF VAR. (%)				10.0		0.0	6.8	3.9	5.6			2.1	2.8

¹Herbicide Trait- CV = No Trait, EN= 2,4-D, glufosinate and glyphosate, LL = glufosinate, RF= dicamba, glufosinate and glyphosate, RL= glufosinate and glyphosate, RR = glyphosate, RX = dicamba and glyphosate, ST= STS, O= Other

²ST- U= Untreated, F=Fungicide, Fe= Fungicide + Illevo, B= Fungicide + Insecticide, Be= Fungicide + Insecticide + Illevo, Bs= Fungicide + Insecticide + Salstro, NA= Information not Available

	St Peter	Belleville
Location	Fayette	St. Clair
County		
Site Location	Click to see map	Click to see map
Host	Russ Schwarm	David and Dan Tiedeman
Soil type	Bluford silt loam	Edwardsville silt loam
Planting date	May 15, 2021	May 14, 2021
Harvest date	October 19, 2021	October 22, 2021

Pesticides

PRE	Authority First, Zidua	Authority First, Zidua
POST	Phoenix, First Rate, Zidua	Phoenix, First Rate, Zidua
Fungicide	None	

Tillage

Spring	Field cultivator	Field cultivator
Fall	None	None
Latitude	39.01767709	38.53341441
Longitude	-89.09881688	-89.89438565

RainFall

April	1.5	2.9
May	4.3	2.7
June	4.3	5.1
July	8.5	6.2
August	4.3	3.1
September	1.5	2.8
Total	24.4	22.8