

2022 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	73.2	10/9	1.3	40.0	80.6	65.8	75.9		34.7	19.4
AgVenture	AV39V8E	EN	B	73.5	10/12	0.7	36.0	81.4	65.5	76.3		33.6	20.1
AgVenture	AV39Y3E	EN	B	76.4	10/10	1.3	38.4	80.5	72.2			35.5	19.1
Asgrow	AG35XF1	RF	Be	77.6	10/6	1.7	40.1	88.1	67.1	75.9		34.7	19.7
Asgrow	AG38XF1	RF	Be	72.7	10/9	1.0	41.3	84.0	61.3	75.5		34.7	18.9
Asgrow	AG38XF3	RF	Be	74.3	10/8	1.1	40.1	81.5	67.0			35.6	18.6
Asgrow	AG39XF3	RF	Be	75.3	10/8	2.1	43.7	81.4	69.2			34.8	18.8
Baird Seed	Illini 3849N	CV	Bs	74.7	10/6	1.4	35.0	76.5	72.9			33.4	20.4
Baird Seed	Illini 3855N	CV	Bs	74.2	10/3	0.7	38.3	79.7	68.7	74.9		34.6	19.4
Burrus	3875E	EN	S	73.9	10/10	2.8	40.7	83.9	63.9			33.9	20.0
Burrus	3886F	RX	S	75.3	10/9	1.4	43.7	82.3	68.3			34.6	18.9
Channel	3521RXF	RF	Be	66.3	10/4	0.7	40.0	68.8	63.8	71.6		35.0	19.5
Channel	3622RXF	RF	Be	72.7	10/3	1.6	41.6	72.8	72.7			34.6	19.0
Channel	3823RXF	RF	Be	77.7	10/7	0.7	42.0	89.3	66.1			34.5	18.5
DONMARIO	DM3756E	EN	B	69.2	10/9	1.7	38.9	81.1	57.3	71.7	73.8	34.5	19.8
DONMARIO	DM37E43S	EN	B	72.0	10/8	1.9	43.3	73.4	70.6			36.7	18.2
Dyna-Gro	S37ES52	EN/ST	Bs	77.9	10/5	0.7	40.6	90.3	65.5	77.7		34.6	20.2
Dyna-Gro	S37XF33	RF	Bs	75.3	10/10	0.7	41.4	83.3	67.3			34.1	19.4
Dyna-Gro	S38XF22S	RF/ST	Bs	73.4	10/9	1.6	40.6	81.0	65.7			34.3	19.7
Dyna-Gro	S3961STS	CV/ST	Bs	71.0	10/7	1.7	39.6	71.0	70.9	74.1		36.0	18.3
Hoffman	H393N	CV	Bs	74.1	10/5	1.7	40.3	77.7	70.5	75.3	73.9	34.5	19.6
Hoffman	H39E23	EN	Bs	70.9	10/8	2.4	40.0	78.7	63.0			33.7	20.0
Jacobsen	5909	EN	B	69.7	10/8	0.3	40.7	77.8	61.6			35.0	19.0
NuTech	34N02E	EN	B	74.9	10/6	1.6	38.7	78.4	71.4			35.4	19.7
NuTech	35N03E	EN	B	74.6	10/3	0.9	38.3	84.1	65.2			34.4	20.3
NuTech	37N01E	EN	B	74.5	10/9	1.0	39.3	76.4	72.6	76.3		35.2	19.4
NuTech	39N04E	EN	B	74.2	10/6	1.6	39.3	78.5	69.9	72.5	73.4	34.9	19.5
NuTech	39N07E	EN	B	74.7	10/10	1.1	42.0	79.4	69.9			35.5	19.2
Pioneer	P33T60	CV	B	67.3	10/5	1.3	43.7	74.0	60.6			35.0	19.5
Pioneer	P34A50	CV	B	72.6	10/9	1.0	41.1	77.8	67.5			34.7	19.3
Stone Seed	2XF3843	RF	Be	73.0	10/9	1.6	42.7	75.8	70.3			34.7	18.4
Virtue	V3623S	CV	B	76.3	10/7	2.3	41.4	80.6	72.0			36.4	18.6
Xitavo	XO 3402E	EN	Be	70.6	10/6	2.6	37.7	80.9	60.4			34.1	20.6
Xitavo	XO 3483E	EN	Be	57.8	10/4	1.0	37.6	76.9	38.7			34.9	20.1
Xitavo	XO 3651E	EN	Be	69.8	10/6	1.2	40.7	74.9	64.8	74.8		34.4	20.2
Xitavo	XO 3752E	EN	Be	69.7	10/7	1.6	38.7	74.7	64.8			34.5	20.3
Xitavo	XO 3861E	EN	Be	72.7	10/10	1.0	35.7	80.6	64.9	76.0		34.8	19.5
Xitavo	XO 3922E	EN	Be	73.5	10/11	1.3	37.6	77.6	69.3			33.9	19.7
AVERAGE				73.0	10/7	1.4	40.0	79.4	66.6			34.8	19.5
L.S.D. 25% LEVEL				6.3		0.7	2.6	4.2	3.1			0.4	0.3
COEFF. OF VAR. (%)				12.8		54.1	6.9	5.6	4.9			1.9	2.2

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				Yield bu/a	Maturity Date	Lodging 0-9	Height in					Protein @ 13%	Oil @ 13%
Late MG: 4.0-5.1													
AgVenture	AV41Y5E	EN	B	75.2	10/9	1.7	42.0	82.9	67.5			34.3	19.2
AgVenture	AV43V6E	EN	B	77.8	10/11	2.3	46.0	84.3	71.2	77.4		33.7	19.5
AgVenture	AV45Y8E	EN	B	77.0	10/13	2.0	48.0	78.7	75.2			34.3	19.3
AgVenture	AV46V2E	EN	B	76.8	10/13	2.3	41.7	82.9	70.7	75.3		34.9	19.4
AgVenture	AV47Y6E	EN	B	76.4	10/14	2.3	46.7	83.8	69.0			34.5	18.3
Asgrow	AG40XF1	RF	Be	78.1	10/9	2.0	45.1	85.2	71.0	80.3		35.0	19.1
Asgrow	AG43XF2	RF	Be	79.3	10/13	1.0	48.3	86.1	72.5	78.1		34.0	19.5
Asgrow	AG46XF3	RF	Be	75.8	10/14	2.0	48.7	82.6	69.1			36.1	18.5
Asgrow	AG47XF3	RF	Be	74.9	10/15	2.3	50.6	80.3	69.6			34.9	18.2
Baird Seed	Illini 4218N	CV	Bs	74.5	10/10	1.7	44.4	82.7	66.3	75.0	73.9	36.0	18.8
Baird Seed	Illini 4300N	CV	Bs	78.0	10/10	2.0	45.4	80.9	75.1	75.5	74.5	34.9	19.6
DONMARIO	DM41E73	EN	B	74.6	10/9	3.3	41.1	80.0	69.1			35.6	18.8
DONMARIO	DM41F33S	RF	B	74.6	10/11	2.3	47.3	81.0	68.2			36.1	18.7
Dyna-Gro	S40XF21S	RF/ST	Bs	73.7	10/16	1.7	50.0	82.7	64.6	73.0		35.8	17.9
Dyna-Gro	S4122STS	CV/ST	Bs	75.3	10/8	3.0	45.7	79.5	71.0	72.3		36.5	17.9
Dyna-Gro	S41EN72	EN	Bs	76.3	10/12	2.3	46.6	83.9	68.6	78.1		33.7	19.6
Dyna-Gro	S42XF93S	RF/ST	Bs	74.0	10/14	3.3	45.3	81.7	66.3			36.4	17.4
Hoffman	H41E22	EN	Bs	74.3	10/9	3.0	43.3	79.2	69.4	74.8		33.6	19.6
Hoffman	H420N	CV	Bs	80.7	10/8	2.0	44.0	84.3	77.2	78.5	78.5	34.8	19.3
Hoffman	H44E23	EN	Bs	72.4	10/12	2.3	48.7	80.2	64.6			35.6	18.5
Jacobsen	5011	EN	B	69.9	10/6	1.0	48.6	81.4	58.5			35.6	18.2
Jacobsen	5902	EN	B	72.0	10/10	2.3	45.3	78.5	65.6			35.7	18.4
Missouri	S19-3530RY	R2Y	B	73.7	10/10	1.3	48.4	80.6	66.8			34.1	18.9
NuTech	40N02E	EN	B	78.8	10/9	2.7	42.7	84.9	72.7			34.5	19.2
NuTech	43N04E	EN	B	80.3	10/12	2.3	40.5	82.6	78.0	81.0	79.3	33.5	19.6
NuTech	45N09E	EN	B	74.6	10/14	2.7	44.9	79.8	69.4			34.3	19.3
NuTech	47N04E	EN	B	77.0	10/15	2.3	47.4	83.5	70.5			34.5	18.4
Stone Seed	2XF4053-SR	RFSTS	Be	75.7	10/13	2.7	50.6	83.8	67.7			34.9	18.5
Stone Seed	2XF4353-SR	RFSTS	Be	72.1	10/10	0.7	50.6	79.7	64.5			35.7	18.4
Virtue	V4223S	CV	B	77.4	10/14	1.0	46.0	86.1	68.8			35.1	18.8
Xitavo	XO 4132E	EN	Be	74.8	10/12	2.7	45.3	83.8	65.8			33.6	19.5
Xitavo	XO 4371E	EN	B	66.6	10/9	2.0	40.8	73.7	59.4	69.5		35.3	19.0
Xitavo	XO 4522E	EN	Be	77.2	10/13	2.0	42.7	84.0	70.5			35.3	18.8
	AVERAGE			75.4	10/11	2.1	45.7	81.7	69.1			34.9	18.9
	L.S.D. 25% LEVEL			3.4		0.7	3.1	3.8	3.8			0.5	0.3
	COEFF. OF VAR. (%)			6.8		36.9	7.2	4.9	5.8			2.2	2.4

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 + Saltro, NA= Information not Available

	St Peter	Belleville
Location	Fayette	St. Clair
County		
Site Location	Click to see map	Click Here For Directions
Host	Russ Schwarm	David and Dan Tiedeman
Soil type	Hoyleton silt loam	Caseyville silt loam
Planting date	June 7, 2022	June 2, 2022
Harvest date	October 16, 2022	October 16, 2022

Pesticides

PRE	Authority Supreme	Roundup, 2,4-d, Prefix, Select
POST	Phoenix, First Rate, Zidua	Phoenix, First Rate, Zidua
Fungicide	Luecento	None

Tillage

Spring	Field Cultivator, Vertical till	Field cultivator
Fall	Vertical Till	None
Latitude	38.90441118	38.53400613
Longitude	-88.87767793	-89.90476048

RainFall

April	3.3	3.8
May	5.7	6.7
June	2.0	2.2
July	11.4	12.6
August	4.2	2.6
September	3.1	3.4
Total	29.7	31.3