

2022 Soybean Test Results
Region 5:

COMPANY	NAME	Herbicide Trait ¹	ST ²	Regional Results				Elkville Yield bu/a	Harrisburg 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: 3.4-4.0													
AgVenture	AV38V3E	EN	B	72.1	9/25	1.8	39.8	59.9	84.2	73.1		34.5	19.9
AgVenture	AV39V8E	EN	B	71.9	9/23	2.1	39.4	65.0	78.7	72.2		33.4	20.7
AgVenture	AV39Y3E	EN	B	78.1	9/25	1.3	42.6	72.1	84.0			35.1	19.7
Asgrow	AG35XF1	RF	Be	81.2	9/23	2.0	41.2	77.2	85.1	77.3		34.5	19.9
Asgrow	AG38XF1	RF	Be	69.2	9/24	0.4	41.8	58.7	79.6	72.3		34.3	19.9
Asgrow	AG38XF3	RF	Be	72.2	9/25	1.3	42.4	60.9	83.4			35.2	19.3
Asgrow	AG39XF3	RF	Be	76.8	9/25	1.1	42.1	71.2	82.4			34.7	19.3
Asgrow	AG40XF1	RF	Be	76.8	9/25	3.1	46.9	71.7	82.0	76.7		34.5	20.1
Channel	3521RXF	RF	Be	66.6	9/21	0.7	41.1	52.3	80.9	66.4		34.6	20.2
Channel	3622RXF	RF	Be	76.0	9/22	1.3	42.8	75.4	76.6			34.3	19.9
Channel	3823RXF	RF	Be	81.5	9/24	2.1	43.2	75.2	87.7			34.7	18.9
Dyna-Gro	S38XF22S	RF/ST	Bs	77.6	9/25	3.2	44.2	74.9	80.3			33.6	20.7
Dyna-Gro	S40XF21S	RF/ST	Bs	69.7	9/30	1.6	47.8	63.9	75.4	70.4		35.1	19.0
Hoffman	H393N	CV	Bs	71.3	9/23	2.0	40.8	65.0	77.6	70.8	70.9	34.6	20.3
Hoffman	H39E23	EN	Bs	78.1	9/28	2.3	42.7	77.5	78.8			33.1	21.0
Jacobsen	5909	EN	B	76.6	9/27	0.3	40.1	71.7	81.6			35.1	19.4
NuTech	35N03E	EN	B	73.7	9/22	1.3	40.3	66.1	81.3			34.1	20.7
NuTech	37N01E	EN	B	72.5	9/24	1.1	38.0	64.8	80.2			35.1	20.0
NuTech	39N04E	EN	B	79.3	9/26	1.0	40.7	77.1	81.6	75.7	75.5	34.7	19.6
NuTech	39N07E	EN	B	76.6	9/25	1.3	41.5	70.1	83.2			35.1	19.6
NuTech	40N02E	EN	B	81.8	9/27	2.2	40.8	76.5	87.2			34.5	19.7
Pioneer	P34A50	CV	B	72.2	9/22	1.4	42.9	65.8	78.7			34.1	20.3
Stone Seed	2XF3843	RF	Be	78.9	9/28	1.8	41.7	72.0	85.8			34.8	19.1
Stone Seed	2XF4053-SR	RFSTS	Be	75.6	9/29	2.5	44.3	70.1	81.2			34.3	19.8
Xitavo	XO 3402E	EN	Be	79.5	9/22	2.1	40.9	78.2	80.8			33.8	20.8
Xitavo	XO 3483E	EN	Be	71.5	9/21	2.0	39.2	62.0	81.1			34.6	20.8
Xitavo	XO 3651E	EN	Be	72.8	9/22	1.4	41.3	67.9	77.8	74.6		34.5	20.3
Xitavo	XO 3752E	EN	Be	80.3	9/23	1.6	40.0	76.2	84.4			33.9	20.9
Xitavo	XO 3861E	EN	Be	85.0	9/26	0.4	39.3	88.3	81.8	77.2		34.7	19.9
Xitavo	XO 3922E	EN	Be	71.5	9/26	1.6	39.5	66.3	76.8			33.5	20.3
	AVERAGE			75.6	9/24	1.6	41.6	69.8	81.3			34.4	20.0
	L.S.D. 25% LEVEL			6.0		0.7	2.2	5.6	2.3			0.5	0.5
	COEFF. OF VAR. (%)			11.6		46.9	7.9	8.3	2.9			2.3	3.3

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				Yield bu/a	Maturity Date	Lodging 0-9	Height in					Yield bu/a	Yield bu/a
Late MG: 4.1-5.1													
AgVenture	AV41Y5E	EN	B	80.1	9/29	3.4	41.5	74.5	85.6			34.5	19.6
AgVenture	AV43V6E	EN	B	79.4	9/29	4.3	44.8	80.6	78.2	79.1	77.7	33.4	20.3
AgVenture	AV45Y8E	EN	B	75.3	10/2	2.7	46.4	73.4	77.3			33.8	19.9
AgVenture	AV46V2E	EN	B	74.9	10/4	3.1	40.0	72.9	76.9	76.7		34.3	20.6
AgVenture	AV47Y6E	EN	B	80.0	10/4	3.4	45.9	77.5	82.5			33.9	19.1
Asgrow	AG43XF2	RF	Be	76.1	10/2	1.6	44.7	72.7	79.5	79.4		34.0	20.5
Asgrow	AG46XF3	RF	Be	73.0	10/4	3.4	45.3	70.7	75.4			35.3	19.7
Asgrow	AG47XF3	RF	Be	73.1	10/6	2.0	48.9	75.2	71.0			34.7	18.8
Dyna-Gro	S4122STS	CV/ST	Bs	71.0	9/28	4.6	43.4	66.5	75.5	72.9		35.9	18.7
Dyna-Gro	S41EN72	EN	Bs	77.3	10/1	4.6	44.6	77.1	77.4	78.8		33.1	20.2
Dyna-Gro	S42XF93S	RF/ST	Bs	74.1	10/4	3.9	45.7	74.9	73.2			35.6	18.7
Dyna-Gro	S43EN61	EN	Bs	78.0	10/2	2.0	45.4	79.1	77.0	76.6	76.6	35.2	19.9
Hoffman	H41E22	EN	Bs	77.8	9/30	3.0	43.3	77.0	78.6	78.5		33.0	20.3
Hoffman	H420N	CV	Bs	77.1	9/28	1.1	44.2	73.3	81.0	75.1		34.3	20.6
Hoffman	H44E23	EN	Bs	75.8	10/2	2.1	46.4	77.1	74.5			35.3	19.5
Jacobsen	5011	EN	B	71.1	10/4	0.9	44.6	68.0	74.2			34.1	20.5
Jacobsen	5902	EN	B	69.0	9/29	3.4	44.1	63.9	74.1			35.7	19.0
Missouri	S19-3530RY	R2Y	B	68.7	9/29	2.6	49.0	65.6	71.7			33.8	20.1
NuTech	43N04E	EN	B	77.0	10/1	4.1	42.3	77.1	76.9	77.6	77.0	33.3	20.2
NuTech	45N09E	EN	B	75.0	10/2	3.0	47.2	72.4	77.7			33.9	20.0
NuTech	47N04E	EN	B	80.9	10/4	2.8	45.9	81.5	80.3			34.0	19.0
Stone Seed	2XF4353-SR	RFSTS	Be	73.5	10/1	1.3	47.0	73.1	73.9			35.5	19.3
Xitavo	XO 4132E	EN	Be	78.6	9/30	3.3	44.7	77.8	79.3			33.1	20.4
Xitavo	XO 4371E	EN	B	75.5	9/30	2.1	44.4	74.9	76.1	74.9		35.1	20.0
Xitavo	XO 4522E	EN	Be	74.4	10/4	2.0	41.3	68.3	80.4			35.1	19.4
	AVERAGE			75.8	10/2	2.6	44.7	74.2	77.5			34.4	19.9
	L.S.D. 25% LEVEL			3.6		0.9	2.0	4.1	2.1			0.4	0.2
	COEFF. OF VAR. (%)			7.0		34.9	6.7	5.8	2.9			1.6	1.7

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

	Elkville	Harrisburg
Location	Jackson	Saline
County		
Site Location	Click to see map	Click to see map
Host	John and Trent Funk	Kevin Wintizer
Soil type	Cisne silt loam	Patton silty clay loam
Planting date	May 19, 2022	May 19, 2022
Harvest date	October 13, 2022	October 14, 2022

Pesticides

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

Tillage

Spring	Field cultivator	Field cultivator
Fall	Chisel	None
Latitude	37.96253966	37.72509934
Longitude	-89.09025876	-88.44711791

RainFall

April	4.8	4.4
May	2.8	2.2
June	1.9	3.7
July	5.4	6.5
August	5.9	2.4
September	1.8	2.1
Total	22.6	21.3