

2021 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	74.2	9/23	1.0	30.5	74.4	73.9			35.4	19.7
AgVenture	AV39V7E	EN	B	68.8	9/24	1.2	32.0	68.9	68.7	72.4		34.3	20.6
AgVenture	AV39V8E	EN	B	72.4	9/22	0.2	31.6	68.6	76.3			33.6	21.2
AgVenture	AV40V7E	EN	B	73.6	9/28	0.8	36.8	70.5	76.8	72.5	71.4	35.2	19.3
Asgrow	AG33XF2	RF	B	69.0	9/19	0.8	33.2	63.5	74.4			33.2	20.9
Asgrow	AG35XF1	RF	B	73.5	9/23	1.0	33.3	69.4	77.5			35.2	20.5
Asgrow	AG37XF2	RF	B	69.4	9/18	1.0	34.3	60.3	78.4			36.5	19.6
Asgrow	AG38XF1	RF	B	75.4	9/24	0.8	33.6	70.0	80.8			34.7	20.3
Asgrow	AG40XF1	RF	B	76.5	9/24	1.2	37.2	74.1	78.8			35.2	20.1
Baker	3923NRXF	RF	F	73.3	9/24	1.5	36.6	66.6	80.0			36.1	19.3
Channel	3521RXF	RF	Be	66.2	9/18	0.7	30.3	62.4	70.1			34.4	20.8
Channel	3721RXF	RF	Be	67.6	9/22	1.8	36.8	64.5	70.7			36.2	19.7
DONMARIO	DM3756E	EN	B	77.0	9/21	1.0	30.6	72.6	81.5	77.5	78.5	33.8	20.7
DONMARIO	DM37C62S	CV	B	66.9	9/18	1.2	34.7	59.2	74.7			34.7	20.7
DONMARIO	DM37F51	RF	B	68.9	9/18	0.8	31.8	63.4	74.4			34.8	20.6
DONMARIO	DM39F62	RF	B	72.0	9/24	1.7	41.4	68.8	75.1			35.8	20.0
DONMARIO	DM40E62	EN	B	72.2	9/25	0.7	34.8	65.9	78.4			37.1	19.6
Dyna-Gro	S39XF41	RF/ST	Bs	75.8	9/25	1.3	38.1	73.9	77.8			36.1	19.3
Dyna-Gro	S40XF21S	RF/ST	Bs	71.2	9/26	1.0	40.6	69.7	72.8			35.3	19.6
Hoffman	H393N	CV	B	70.4	9/23	1.0	33.4	69.3	71.5	70.7	69.7	35.1	20.4
Hoffman	H39E22	EN	B	68.5	9/23	0.7	32.1	65.2	71.7			33.6	20.8
NuTech	39N04E	EN	B	72.0	9/21	0.7	29.8	70.9	73.1	73.6		35.2	20.0
NuTech	39N05E	EN	B	72.4	9/22	1.0	31.8	70.8	74.0	74.5		34.0	20.7
Pioneer	P34T21SE	EN	B	71.3	9/16	1.0	33.0	62.4	80.3			33.3	21.3
Pioneer	P35T15E	EN	B	74.5	9/19	1.0	33.0	69.5	79.4			34.7	20.7
Pioneer	P38A49L	LL	B	72.1	9/20	1.5	36.4	65.0	79.3	71.9		35.5	20.6
Pioneer	P38T76E	EN	B	68.8	9/18	1.3	29.9	65.5	72.2			35.4	19.9
Pioneer	P40T19E	EN	B	76.5	9/24	1.0	31.3	77.2	75.7			34.3	20.6
Stone Seed	2XF3632	RF	Be	70.7	9/18	1.3	35.3	67.2	74.2			34.4	20.4
Stone Seed	2XF4231-SR	RF	Be	71.3	9/25	0.7	40.1	70.9	71.7			35.7	19.5
Xitavo	XO 3651E	EN	B	76.4	9/20	0.8	33.4	70.6	82.1			34.7	20.7
Xitavo	XO 3861E	EN	B	69.4	9/22	1.0	28.1	67.0	71.9			34.8	20.4
	AVERAGE			71.9	9/22	1.0	34.7	68.5	75.3			35.0	20.2
	L.S.D. 25% LEVEL			4.4		0.0	2.0	3.9	3.7			0.4	0.2
	COEFF. OF VAR. (%)			9.1		0.0	8.4	5.9	5.2			1.7	1.6

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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 Protein @ 13%	Regional Oil @ 13%
				Yield bu/a	Maturity Date	Lodging 0-9	Height in						
Late MG: 4.1-4.7													
AgVenture	AV43V6E	EN	B	78.7	9/26	1.8	36.2	75.2	82.3	76.9		32.8	20.9
AgVenture	AV43V8LL	LL	B	78.0	9/28	1.3	38.5	70.2	85.8	75.9		34.8	20.5
AgVenture	AV46V2E	EN	B	78.5	9/28	1.2	32.6	77.0	79.9			33.9	21.0
AgVenture	AV46V9LL	LL	B	84.6	9/30	1.0	40.0	78.7	90.4			34.6	20.0
AgVenture	AV47V4LL	LL	B	84.7	9/27	1.2	38.0	79.7	89.8	80.0		34.8	19.6
Asgrow	AG43XF2	RF	B	82.7	9/29	0.3	37.1	78.7	86.7			34.2	20.9
Asgrow	AG47XF0	RF	B	78.4	10/1	1.5	38.5	75.4	81.4			34.1	20.2
DONMARIO	DM41C51	CV	B	74.5	9/25	1.2	34.4	69.4	79.6			32.6	21.5
DONMARIO	DM42F62	RF	B	77.0	9/27	1.2	38.8	71.8	82.2			35.2	19.4
Dyna-Gro	S4122STS	CV/ST	Bs	74.7	9/23	1.0	36.6	64.2	85.2			35.5	19.7
Dyna-Gro	S41EN72	EN	Bs	80.4	9/25	1.8	35.7	73.8	87.0			33.0	21.0
Dyna-Gro	S41ES80	EN/ST	Bs	73.7	9/27	1.0	33.7	68.9	78.4			35.6	19.4
Dyna-Gro	S43EN61	EN	Bs	75.2	9/24	1.3	37.7	76.4	74.0	76.0		34.8	20.5
Dyna-Gro	S45ES10	EN/ST	Bs	74.5	9/29	1.0	36.9	73.4	75.6	72.7		34.7	19.8
Dyna-Gro	S46XF31S	RF/ST	Bs	80.8	10/2	1.3	39.9	78.0	83.6			33.6	20.1
Hoffman	H41E22	EN	B	79.3	9/25	1.7	33.6	77.4	81.2			32.9	20.9
Hoffman	H420N	CV	B	73.1	9/24	0.7	37.8	68.5	77.8			34.7	20.8
Hoffman	H46E21	EN	B	74.6	9/29	1.0	41.0	71.5	77.7	70.2		34.8	20.0
Missouri	S09-13608C	CV	B	66.8	9/30	1.3	37.4	63.4	70.2			34.9	18.9
Missouri	S16-12137C	CV	B	67.1	9/28	1.8	44.9	61.5	72.7			34.4	19.9
Missouri	S16-14730C	CV	B	71.6	9/27	1.2	37.3	69.1	74.0			34.8	19.4
Missouri	S16-5540R	RR	B	72.2	10/4	2.7	37.1	72.9	71.6			35.7	19.2
Missouri	S17-2193C	CV	B	71.8	10/3	2.0	43.1	64.2	79.4			34.8	19.8
Missouri	S17-2243C	CV	B	72.1	9/29	1.2	39.9	65.8	78.4			34.4	20.5
NuTech	41N03E	EN	B	76.2	9/26	1.2	35.2	72.6	79.9			35.1	19.5
NuTech	43N04E	EN	B	78.2	9/25	1.7	35.8	78.0	78.5	77.0		32.6	21.0
NuTech	46N02E	EN	B	73.1	9/28	1.2	32.5	68.2	77.9	73.1		34.1	20.9
Pioneer	P42T31E	EN	B	80.7	9/27	1.7	35.7	77.9	83.5			32.6	20.9
Pioneer	P44A37L	LL	B	75.7	9/29	0.7	39.1	72.4	79.0	72.6		34.2	20.6
Stone Seed	2XF4442-SR	RF	Be	72.8	9/26	0.8	40.4	67.9	77.6			35.1	19.6
Xitavo	XO 4371E	EN	B	74.3	9/27	0.5	35.7	73.0	75.6			34.8	20.5
	AVERAGE			75.9	9/27	1.2	37.9	72.3	79.5			34.4	20.2
	L.S.D. 25% LEVEL			4.1		0.0	1.6	4.1	4.3			0.5	0.3
	COEFF. OF VAR. (%)			7.9		0.0	6.3	5.9	5.7			1.9	2.3

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	Jackson	Saline
Site Location	Click to see map	Click to see map
Host	John and Trent Funk	David and Dan Tiedeman
Soil type	Cisne silt loam	Zipp silt loam
Planting date	May 14, 2021	May 14, 2021
Harvest date	October 19, 2021	October 18, 2021

Pesticides

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

Tillage

Spring	Field cultivator	Field cultivator
Fall	Chisel	None
Latitude	37.96253966	37.73593639
Longitude	-89.09025876	-88.46540723

RainFall

April	3.5	2.4
May	3.6	4.5
June	3.6	3.3
July	4.6	4.8
August	3.0	4.0
September	4.0	1.9
Total	22.3	20.9