

**2022 Soybean Test Results
Region 1**

COMPANY	NAME	Herbicide Trait ¹	ST ²	Regional Results				Fenton	Freeport	Dekalb	2 yr	3 yr	Regional		
				Yield bu/a	Maturity Date	Lodging 0--9	Height in	Yield bu/a	Yield bu/a	Yield bu/a	Avg Yield bu/a	Avg Yield bu/a	Protein @ 13%	Oil @ 13%	
Early MG: 2.0-2.6															
Asgrow	AG21XF2	RF	Be	80.5	9/23	1.1	42.7	84.3	75.5	81.6				34.5	19.3
Asgrow	AG24XF1	RF	Be	76.9	9/25	1.1	43.0	76.4	72.1	82.3	78.0			33.9	19.0
Asgrow	AG25XF3	RF	Be	77.6	9/29	0.9	49.3	74.3	75.5	82.9				33.8	18.2
Baird Seed	Illini 2643Na	CV	Bs	72.1	9/27	1.4	44.7	71.7	75.0	69.5				34.7	18.3
Baird Seed	Illini 2398N	CV	Bs	75.5	9/24	1.7	46.0	79.2	73.5	73.7	75.7			34.4	18.8
Baird Seed	Illini 2600NY	CV	Bs	75.8	9/27	1.9	50.0	73.7	75.5	78.1				34.5	18.5
Burrus	2497E	EN	S	82.4	9/27	1.2	44.0	85.1	80.0	81.9	81.5			33.0	20.5
Burrus	2565E	EN	S	81.9	9/28	0.7	45.3	77.4	87.2	81.0	79.5			32.4	20.5
Channel	2321RXF	RF	Be	74.9	9/23	1.1	42.0	77.0	71.0	76.7				33.1	19.8
Channel	2521RXF	RF	Be	78.9	9/26	0.7	46.0	78.0	76.6	82.2	78.8			33.8	19.2
Cornelius	CB24XF27	RF	S	81.9	10/1	1.8	48.0	83.4	79.3	83.2				35.5	18.4
Cornelius	CB25XF99	RF	S	82.2	9/26	1.0	46.7	89.4	80.2	77.0				34.1	19.0
Dairyland Seed	DSR-2562E	EN	Be	83.7	9/28	0.7	41.3	85.7	81.0	84.4				32.9	19.5
DeReadt	2422E3	EN	B	81.7	9/23	1.0	44.0	85.8	79.6	79.8	81.4			33.1	20.4
DeReadt	2621E3	EN	B	77.4	9/26	1.1	44.7	80.8	72.9	78.4	78.7	78.1		32.9	19.4
DONMARIO	DM24E23	EN	B	81.7	9/28	0.7	41.7	90.4	78.0	76.5				33.3	19.4
Dyna-Gro	S25XF71S	RF/ST	Bs	79.4	9/25	1.1	44.7	76.4	81.2	80.6	81.6			34.6	19.0
Dyna-Gro	S26EN53	EN	Bs	80.3	9/27	0.7	44.0	78.3	82.1	80.4				34.4	18.9
GENESIS	G2270E	EN	BS	84.4	9/22	1.3	42.0	82.7	83.7	86.8				34.0	19.6
GENESIS	G2550E	EN	BS	88.1	9/27	0.9	42.7	91.3	85.6	87.3	85.9	84.2		33.0	20.6
GENESIS	G2570ES	EN	BS	85.1	9/24	1.0	42.0	87.6	80.6	87.2				33.6	19.5
Lakeview Farms	LVF2032	CV	Bn	69.2	9/20	0.9	43.3	73.9	65.2	68.6				35.3	19.4
Lakeview Farms	LVF2630	CV	Bn	74.4	9/27	1.4	45.0	75.0	77.5	70.6	77.4			34.6	18.3
NuTech	24N04E	EN	B	79.7	9/27	1.7	44.7	80.0	78.0	81.2	78.6			32.2	20.5
NuTech	25N04E	EN	B	80.4	9/29	0.8	43.3	81.0	76.7	83.5				33.3	19.4
P3 Genetics	2326E	EN	S	83.6	10/1	0.8	43.7	86.5	79.2	85.1				33.5	20.1
RENK	RS253NXF	RF	BS	84.2	9/28	0.9	46.7	85.0	81.3	86.3				34.0	19.0
Stone Seed	2XF2241	RF	Be	81.4	9/23	0.7	42.3	77.5	84.8	82.1	80.2			33.1	19.8
Stone Seed	2XF2541	RF	Be	75.8	9/24	1.4	44.7	78.5	71.1	77.9	77.8			33.7	19.3
Viking	O.2418N	CV		78.6	9/21	1.1	42.7	86.6	77.8	71.5	81.2	78.8		33.6	18.6
Xitavo	XO 2323E	EN	Be	80.3	9/24	1.6	40.0	77.2	78.2	85.4				33.9	19.6
Xitavo	XO 2472E	EN	Be	79.9	9/26	0.6	46.0	76.9	74.8	88.0				32.9	20.5
Xitavo	XO 2613E	EN	Be	81.4	9/30	1.1	44.0	77.2	78.7	88.3				34.3	19.0
AVERAGE				79.9	9/26	1.1	44.2	80.8	77.9	80.9				33.8	19.4
L.S.D. 25% LEVEL				3.8		0.5	1.9	3.9	4.1	3.9				0.3	0.2
COEFF. OF VAR. (%)				8.7		45.0	4.6	5.1	5.5	5.1				1.8	1.6

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				Yield bu/a	Maturity Date	Lodging 0-9	Height in	Yield bu/a	Yield bu/a	Yield bu/a	Avg Yield bu/a	Avg Yield bu/a	Protein @ 13%	Oil @ 13%
Late MG: 2.7-3.6														
Asgrow	AG27XF1	RF	Be	79.3	9/28	0.9	46.0	81.9	76.0	80.0			33.4	19.5
Asgrow	AG27XF3	RF	Be	84.5	10/8	1.6	50.0	86.5	84.0	82.9			32.8	19.6
Asgrow	AG31XF2	RF	Be	79.0	10/3	1.1	48.9	79.2	75.3	82.5	80.7		33.8	19.1
Asgrow	AG31XF3	RF	Be	77.5	10/5	1.7	48.6	87.1	66.6	79.0			34.8	18.6
Burrus	2742E	EN	S	84.3	9/30	1.0	44.0	84.3	84.6	84.2			33.7	20.0
Burrus	DM28E52	EN	S	85.7	9/29	1.3	41.3	84.8	84.2	88.1			34.4	18.6
Channel	2721RXF	RF	Be	77.2	9/29	1.1	44.0	77.1	73.6	80.9			34.6	19.2
Cornelius	CB27XF34	RF	S	82.0	9/25	1.0	44.0	85.8	76.6	83.7			34.3	18.7
Cornelius	CB29XF35	RF	S	84.9	9/30	1.4	44.8	88.3	80.7	85.8			33.6	20.0
Dairyland Seed	DSR-2717E	EN	Be	82.9	10/1	1.0	43.2	84.1	80.3	84.3			34.9	18.7
Dairyland Seed	DSR-3177E	EN	Be	76.3	10/8	2.1	45.8	75.3	74.7	78.9	78.7		33.8	19.4
Dairyland Seed	DSR-3256E	ENST	Be	79.4	10/5	1.5	42.7	84.1	75.3	78.7	78.8	78.0	34.7	18.6
Dairyland Seed	DSR-3365E	ENST	Be	79.8	10/9	1.7	48.7	82.9	76.1	80.4	80.9	78.2	33.3	19.3
DeReadt	2923E3	EN	B	79.9	9/28	1.3	42.7	82.7	75.3	81.5			34.0	18.9
Dyna-Gro	S28EN22	EN	Bs	79.0	10/2	1.3	44.0	82.9	75.9	78.2	79.9		34.2	19.2
Dyna-Gro	S28XF92S	RF/ST	Bs	82.1	9/27	1.0	44.7	82.6	81.6	82.0	81.5		34.0	19.2
Dyna-Gro	S29EN62	EN	Bs	79.8	9/30	1.0	40.7	82.3	70.0	87.2			34.4	18.7
Lakeview Farms	LVF2849	CV	Bn	74.4	10/1	1.0	42.6	75.3	69.7	78.2	77.0		33.3	20.2
Lakeview Farms	LVF3039	CV	Bn	76.2	9/30	0.6	45.5	77.0	75.6	76.1	76.1		34.6	19.4
Lakeview Farms	LVF3332B	CV	Bn	75.5	9/15	2.0	47.3	77.9	70.2	78.5			35.5	19.0
Lakeview Farms	LVF3641	CV	Bn	71.7	9/26	1.0	42.7	78.4	70.2	66.6			32.9	19.8
NuTech	27N03E	EN	B	82.9	9/30	0.7	43.2	83.6	80.1	85.1			33.7	20.1
NuTech	29N02E	EN	B	85.2	9/30	1.7	47.4	86.3	81.7	87.5	83.9		33.9	19.3
NuTech	31N06E	EN	B	81.5	10/4	1.7	44.0	89.6	71.8	83.2	81.7	79.1	33.1	19.3
NuTech	34N02E	EN	B	81.7	10/9	1.3	48.3	84.7	78.6	81.7			34.3	19.1
P3 Genetics	2229E	EN	S	80.5	9/29	0.9	40.5	82.7	74.2	84.5	83.3		34.4	19.0
Pioneer	P28A83PR	CV	B	80.9	10/1	0.9	44.7	83.9	76.1	82.6			35.8	19.3
Viking	O.2702	CV		76.4	10/3	1.3	44.9	77.8	74.9	76.5			35.8	18.9
Viking	O.3118N	CV		81.7	10/5	1.0	48.5	82.8	80.6	81.7			32.8	19.6
Viking	O.3418N	CV		80.3	10/9	1.1	46.0	78.7	75.0	87.2			33.8	19.0
Xitavo	XO 2832E	EN	Be	83.4	9/30	0.9	42.0	81.9	80.6	87.9			34.4	19.0
Xitavo	XO 2963E	EN	Be	80.5	10/1	0.9	42.4	81.5	74.4	85.6			33.2	19.5
Xitavo	XO 3131E	EN	Be	73.1	10/6	1.3	47.3	74.6	70.0	74.9	78.3		34.7	18.4
Xitavo	XO 3402E	EN	Be	72.9	10/8	0.8	45.6	74.8	70.6	73.4			33.6	19.7
Xitavo	XO 3483E	EN	Be	75.6	10/9	1.4	43.0	76.0	72.5	78.2			34.9	19.1
Xitavo	XO 3651E	EN	Be	76.9	10/9	0.6	47.2	78.8	79.8	72.2	78.8		33.3	19.5
	AVERAGE			78.7	10/2	1.2	44.8	81.2	75.1	79.8			34.2	19.3
	L.S.D. 25% LEVEL			3.9		0.6	1.6	5.0	4.2	3.6			0.4	0.2
	COEFF. OF VAR. (%)			9.0		47.9	3.9	6.5	5.9	4.7			2.0	2.2

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

²ST- U= Untreated, F=Funicide, Fe= Funicide + Illevo, B= Funicide + Insecticide, Be= Funicide + Insecticide + Illevo, Bs= Funicide + Insecticide + Saltro, NA= Information

Location	Freeport	DeKalb	Fenton
County	Stephenson	DeKalb	Whiteside
Site Location	Click to see map	Click to see map	Click to see map
Host	Highland Community Collage	John and Jim Boesche	Ron and Dave Mickley
Soil type	Fayette silt loam	Drummer silty clay loam	Coffeen silt loam
Planting date	May 11, 2022	May 16, 2022	May 10, 2022
Harvest date	October 20, 2022	October 19, 2022	October 17, 1902

Pesticides

PRE	Authority First, Zidua	Authority First, Zidua	Authority First, Zidua
POST	Phoenix, First Rate, Zidua	Phoenix, First Rate, Zidua	Phoenix, First Rate, Zidua
Fungicide	None	Yes	No

Tillage

Spring	Field cultivator	Field cultivator	Field cultivator
Fall	None	None	Chisel
Latitude	42.28843372	41.86379437	41.74691467
Longitude	-89.681558	-88.80358563	-90.0166284

RainFall

April	4.7	4.1	4.2
May	4.1	4.2	4.3
June	2.1	2.3	2.8
July	5.6	3.7	4.0
August	13.4	8.0	5.0
September	2.9	1.5	3.9
Total	32.8	23.8	24.2