

2022 Soybean Test Results
Region 3

COMPANY	NAME	Herbicide Trait ¹	ST ²	Regional Results		Perry Yield bu/a	New Berlir Yield bu/a	Urbana Yield bu/a	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a	Regional	
				Yield bu/a	Maturity Date						Protein @ 13%	Oil @ 13%
Early MG: 2.7-3.5												
Asgrow	AG31XF3	RF	Be	73.9	9/24	70.1	74.7	76.8			34.8	19.7
Asgrow	AG33XF3	RF	Be	77.7	9/25	71.1	83.6	78.3			33.4	20.5
Asgrow	AG35XF1	RF	Be	77.0	9/27	71.0	78.4	81.7	80.0		33.3	20.3
Baird Seed	Illini 3267N	CV	Bs	71.6	9/21	68.3	73.2	73.3	75.6	74.9	34.9	20.0
Baird Seed	Illini 3317N	CV	Bs	70.6	9/24	68.3	70.5	72.9	74.9	76.0	34.9	20.1
Channel	3322RXF	RF	Be	80.0	9/21	72.8	85.0	82.3	80.1		34.2	19.3
Channel	3521RXF	RF	Be	74.4	9/26	69.7	74.6	79.0	77.8		33.4	20.1
DONMARIO	DM34E11	EN	B	78.5	9/26	77.3	80.1	78.0			33.2	20.3
DONMARIO	DM3523S	RF	B	72.3	9/28	70.4	73.0	73.6			34.4	19.5
Dyna-Gro	S33EN42	EN	Bs	75.9	9/24	76.2	74.4	77.2	79.4		33.4	20.6
Dyna-Gro	S33XF62	RF	Bs	77.0	9/20	72.6	80.5	77.9	79.1		34.0	19.5
Dyna-Gro	S35EN99	EN	Bs	77.6	9/26	73.7	83.7	75.5	81.4	82.8	33.1	20.5
Dyna-Gro	S35ES82	EN/ST	Bs	79.4	9/26	74.0	83.1	81.1	80.0		33.4	20.2
Dyna-Gro	S35XF72	RF	Bs	74.9	9/26	66.8	81.3	76.5	77.4		33.6	20.4
GENESIS	G3460ES	EN	BS	80.0	9/25	75.6	85.3	79.0			33.6	20.4
Jacobsen	5905	EN	B	78.3	9/28	76.0	85.1	73.8			33.1	20.3
Martin	M29-E3	EN	B	71.5	9/19	75.4	63.8	75.4			34.1	20.1
Martin	M31-E3	EN	B	73.5	9/25	71.5	73.4	75.6			34.4	19.5
Martin	M34-E3	EN	B	78.1	9/27	75.6	77.7	81.0			33.4	20.5
NuTech	31N06E	EN	B	75.1	9/24	68.9	75.4	80.9	78.0	79.4	32.9	20.4
NuTech	34N02E	EN	B	77.8	9/25	70.4	82.6	80.4			34.0	20.2
NuTech	35N03E	EN	B	75.2	9/26	70.7	78.7	76.0			33.8	20.4
Pioneer	P33T60	CV		73.1	9/24	71.8	73.9	73.7			33.4	20.0
Pioneer	P34A50	CV		78.2	9/24	75.9	80.8	77.8			33.4	20.0
Public	Dwight	CV		58.7	9/18	53.0	59.5	63.5	61.9	60.8	34.8	19.2
Public	Jack	CV		60.8	9/19	50.6	70.8	60.9	62.4	62.9	35.0	19.5
Public	Williams 82	CV		54.3	9/26	53.5	55.1	54.2	59.7	59.3	35.2	19.6
Stone Seed	2XF3352	RF	Be	76.5	9/21	73.6	75.0	80.8	79.4		34.3	19.5
Stone Seed	2XF3531	RF	Be	75.5	9/26	68.0	79.4	79.0	78.0		33.2	20.1
Sun Prairie	SP29E33	EN	B	77.4	9/21	70.7	83.9	77.6			33.6	20.2
Sun Prairie	SP31E33	EN	B	75.8	9/21	70.7	77.6	79.1			33.4	20.2
Sun Prairie	SP31F23	RF	B	71.4	9/22	68.2	74.0	72.1			35.1	19.1
Sun Prairie	SP33E33	EN	B	76.0	9/26	69.3	78.5	80.1			34.3	20.3
Sun Prairie	SP33F23	RF	B	76.7	9/26	72.2	78.4	79.5			34.3	18.8
Xitavo	XO 2832E	EN	Be	74.6	9/21	71.9	72.9	79.0			34.4	20.0
Xitavo	XO 2963E	EN	Be	77.5	9/20	72.5	80.6	79.3			33.5	20.0
Xitavo	XO 3131E	EN	Be	75.7	9/25	69.0	80.6	77.5	77.1		34.2	19.5
Xitavo	XO 3402E	EN	Be	76.1	9/27	74.8	75.5	77.9			33.5	20.5
Xitavo	XO 3483E	EN	Be	77.0	9/27	74.9	79.5	76.8			34.2	20.3
AVERAGE				74.5	9/24	70.3	76.9	76.4			33.9	20.0
L.S.D. 25% LEVEL				3.1		3.3	4.0	2.1			0.3	0.2
COEFF. OF VAR. (%)				7.6		4.9	5.4	2.9			1.9	1.5

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				Yield bu/a	Maturity Date						Protein @ 13%	Oil @ 13%
Late MG: 3.6-4.3												
Asgrow	AG38XF1	RF	Be	74.8	9/28	66.9	77.2	80.2	77.9		33.7	19.6
Asgrow	AG38XF3	RF	Be	76.8	9/29	69.1	77.2	84.2			34.6	19.0
Asgrow	AG39XF3	RF	Be	78.3	9/29	67.8	82.1	85.1			33.9	19.0
Asgrow	AG40XF1	RF	Be	73.6	10/2	67.0	74.0	79.8	76.6		33.9	19.7
Baird Seed	Illini 3025N	CV	Bs	70.7	9/19	68.9	66.2	76.9			34.3	20.5
Baird Seed	Illini 3648N	CV	Bs	71.4	9/22	62.8	72.5	79.0	74.2	75.9	33.0	20.4
Baird Seed	Illini 3849N	CV	Bs	76.1	9/26	70.3	78.5	79.4			32.6	20.7
Baird Seed	Illini 3855N	CV	Bs	73.0	9/23	59.3	77.0	82.7	75.4	76.1	33.3	20.0
Baird Seed	Illini 4218N	CV	Bs	70.1	9/25	69.5	65.0	75.7			34.7	19.6
Burrus	3875E	EN	S	74.9	9/28	68.9	76.1	79.6			33.4	20.2
Burrus	3886F	RX	S	72.3	9/29	66.3	72.2	78.3			34.0	19.2
Channel	3622RXF	RF	Be	73.9	9/25	68.1	74.1	79.5			34.2	19.3
Channel	3823RXF	RF	Be	76.7	9/29	67.6	80.7	81.6			33.7	18.9
Cornelius	CB37XF70	RF	S	73.2	10/1	64.0	73.7	82.1	76.7		33.0	20.1
Cornelius	CB39XF19	RF	S	69.4	10/1	64.4	67.7	76.1	76.2		35.0	18.8
Cornelius	CB41XF23	RF	S	75.3	10/5	68.1	74.6	83.3			33.5	20.3
DONMARIO	DM3756E	EN	B	76.3	9/26	70.3	73.6	84.9	78.9	79.3	33.9	19.8
DONMARIO	DM37E43S	EN	B	70.6	9/30	67.3	67.3	77.1			35.6	19.0
Dyna-Gro	S3681STS	CV/ST	Bs	76.0	9/24	65.5	81.2	81.3	80.1	80.4	34.8	19.2
Dyna-Gro	S37ES52	EN/ST	Bs	75.1	9/26	69.9	73.4	81.9	79.5		34.3	20.3
Dyna-Gro	S37XF33	RF	Bs	75.5	9/28	66.7	75.5	84.4			33.1	19.6
Dyna-Gro	S38XF22S	RF/ST	Bs	74.7	9/29	67.3	73.8	83.0			33.0	20.0
GENESIS	G3760ES	EN	Bs	76.1	9/25	68.3	74.4	85.5			34.0	20.2
GENESIS	G3970ES	EN	Bs	72.3	9/29	65.8	70.3	81.0			33.4	20.0
Jacobsen	5909	EN	B	69.4	10/3	68.1	66.7	73.2			34.6	19.2
NuTech	37N01E	EN	B	76.8	9/26	73.7	76.8	80.0	78.0		34.9	19.4
NuTech	39N04E	EN	B	72.4	9/28	64.9	70.3	82.1	77.2	79.1	34.8	19.2
NuTech	39N07E	EN	B	70.8	9/28	62.9	64.1	85.5			34.8	19.2
NuTech	40N02E	EN	B	77.7	9/29	69.3	78.7	85.2			33.8	19.5
NuTech	43N04E	EN	B	72.3	10/2	69.9	69.7	77.5			32.5	20.0
P3 Genetics	2039E	EN	S	71.4	10/1	67.9	69.2	77.2	77.2	78.7	34.4	19.4
P3 Genetics	2136E	EN	S	74.6	9/24	66.2	74.2	83.4			34.0	20.2
Stone Seed	2XF3843	RF	Be	75.7	9/30	69.5	75.8	81.7			33.8	19.0
Virtue	V3623S	CV	B	76.0	9/30	70.5	77.3	80.1			35.1	19.1
Xitavo	XO 3651E	EN	Be	76.4	9/26	65.3	80.7	83.2	78.7		34.1	20.1
Xitavo	XO 3752E	EN	Be	76.2	9/26	70.8	72.4	85.4			34.1	20.3
Xitavo	XO 3861E	EN	Be	78.2	10/3	66.7	84.8	83.3	81.5		34.1	19.8
Xitavo	XO 3922E	EN	Be	74.1	9/30	62.7	77.3	82.2			32.8	20.0
Xitavo	XO 4132E	EN	Be	74.2	10/5	75.9	71.0	75.8			32.8	19.9
	AVERAGE			74.2	9/28	67.5	74.3	80.8			33.9	19.7
	L.S.D. 25% LEVEL			3.3		2.9	3.2	3.0			0.3	0.2
	COEFF. OF VAR. (%)			8.2		4.6	4.6	3.8			1.9	2.1

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

	Perry	New Berlin	Urbana
Location			
County	Pike	Sangamon	Chamapign
Site Location	Click to see map	Click to see map	Click to see map
Host	Luke Merritt	Leahy Bennett	Nick Eisenmenger
Soil type	Ipava silt loam	Sabble silty clay loam	Flanagan silt loam
Planting date	May 17, 2022	May 20, 2022	May 12, 2022
Harvest date	October 23, 2022	November 4, 2022	October 4, 2021

Pesticides

PRE	Sonic and Everprex	Authority First, Zidua	Authority First, Zidua
POST	Warrant, Zidua amd Select	Phoenix, First Rate, Zidua	Phoenix, First Rate, Zidua
Fungicide	None	Headline AMP	None

Tillage

Spring	Field cultivate	Field cultivator	Field cultivator
Fall	Chisel	Disk ripper	Chisel
Latitude	39.80315604	39.81979871	40.06020365
Longitude	-90.82241615	-89.94720407	-88.2283236

RainFall

April	3.7	3.1	2.9
May	4.0	5.1	3.1
June	5.5	3.3	1.0
July	5.4	6.1	2.7
August	0.5	3.9	4.2
September	3.3	3.8	2.6
Total	22.3	25.3	16.5