



**THE OHIO STATE
UNIVERSITY**

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

THE 2022 OHIO SOYBEAN PERFORMANCE TRIALS

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INTRODUCTION

The purpose of the Ohio Soybean Performance Trials is to evaluate soybean varieties for yield and other agronomic characteristics. This evaluation gives soybean producers comparative information for selecting the best varieties for their unique production systems.

FIELD PLOT DESIGN

The entries for each test site were planted in a randomized complete block design. Each entry was replicated four times and planted in plots 28 ft long and 5 ft wide containing four rows seeded at 15-inch row width. Seeding rate was 150,000 seeds per acre. Corn was the previous crop at all locations. All locations were no-till except the S2 location, which was planted into a stale seedbed. Farmer cooperators sprayed pre-emergence herbicides (varied by location). All locations were sprayed post-emergence with First Rate, Flexstar, and Select Max.

METHOD OF CONDUCTING TRIALS

Entries in Trials. Performance of entries in The Ohio Soybean Performance Trials are published if seed will be available to Ohio soybean producers for the following planting season. All 2022 entries were submitted voluntarily by seed companies. Entry fee charges were paid per entry and region.

Test by Maturity and Type. Varieties were grouped, tested, and analyzed by maturity (early and late). Conventional (CV), RoundUp Ready (RR), Enlist (EN), XtendFlex (XF), sulfonylurea-tolerant soybean (STS), Liberty Link/glyphosate tolerant (LLGT27), EN/STS, and XF/STS varieties were tested in the same block to allow for head-to-head comparisons. Varieties are comparable within a location and maturity grouping (early or late). Conventional herbicides were sprayed on all entries. Use the table below to find varieties by region and maturity.

2022 Tables by Region and Maturity Grouping

North	Early (1.9-3.1)	Table 3
	Late (3.2-3.8)	Table 4
Central	Early (2.5-3.3)	Table 5
	Late (3.4-4.3)	Table 6
South	Early (2.9-3.6)	Table 7
	Late (3.7-4.3)	Table 8

MEASUREMENTS AND RECORDS

Relative Maturity. Relative maturity (RM) is a rating designed to account for all of the factors that affect maturity date and includes variety, planting date, weather, and latitude. Maturity is defined as the “95% brown pods” stage. A variety with a RM rating of 3.5 should reach the 95% brown pod stage 5 days later than a variety with a rating of 3.0. RM was submitted by seed companies.

Lodging Score. There was no lodging in 2022.

Seed Size is reported as number of seeds per pound. Seed size was determined from varieties grown at the C2 location.

Yield. Each soybean variety was harvested when the moisture content was between 8 and 14 percent and yields reported in bushels per acre at 13 percent moisture.

Protein, Oil %. Analysis was determined by near infrared transmittance technology. The test was performed using a Foss NIR whole grain analyzer and is reported at 13 percent moisture. Protein and oil were determined from varieties grown at the C2 location.

LSD. A Least Significant Difference (LSD) for yield was computed for each location and maturity grouping. LSDs are reported in bushels per acre at 13 percent moisture. Yields of two varieties within a location and maturity grouping are significantly different 90% of the time if their yields differ by more than the LSD value shown for that maturity group. A double asterisk (**) is used to denote the variety with the highest yield within a location and maturity grouping. A single asterisk (*) is used to denote varieties with yield not statistically different than the highest yielding variety.

DATA USE. Inclusion of entries in the Ohio Soybean Performance Trials does not constitute an endorsement of a particular entry by the Ohio State University, Ohio Agricultural Research and Development Center, or Ohio State University Extension.

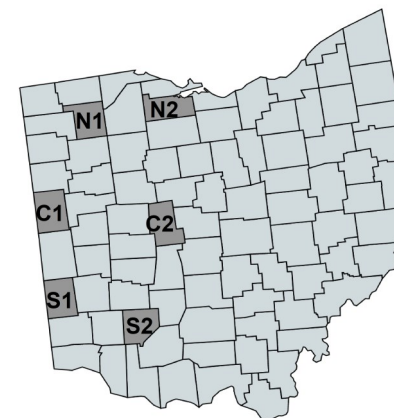


Table 1: The 2022 Ohio Soybean Performance Trials, Site Descriptions

	N1	N2	C1	C2	S1	S2
	Henry Co.	Sandusky Co.	Mercer Co.	Union Co.	Preble Co.	Clinton Co.
Soil texture	Clay	Clay loam	Clay	Silty clay loam	Clay loam	Silt loam
Organic matter (%)	3.8	3.3	3.0	3.1	2.9	2.8
Soil pH	6.4	5.9	7.3	6.4	6.1	6.3
Soil Test P-Mehlich (ppm)	39	17	97	40	36	99
Soil Test K (ppm)	148	98	163	99	162	186
Plant date	May 13, 2022	June 5, 2022	June 3, 2022	June 1, 2022	May 11, 2022	May 12, 2022
Harvest date	Oct. 20, 2022	Oct. 24, 2022	Oct. 22, 2022	Oct. 17, 2022	Oct. 6, 2022	Oct. 10, 2022

Table 2. Directory by Company Listed by Variety/Brand, Maturity Rating, and Type

Physical characteristics and yield data for a variety can be located using the table number(s) associated with each entry in this directory.

Variety	RM	Type	Table #	Variety	RM	Type	Table #	Variety	RM	Type	Table #
Advanced Genetics, Inc.				Dyna-Gro Seed				GROWMARK, Inc.			
11491 Foundation Rd.			740-893-2501	717 Robinson Rd SE			740-335-3810	1701 Towanda Ave.			309-557-6399
Croton, OH 43013			advancedgeneticsinc.com	Washington CH, OH 43160			dynagroseed.com	Bloomington, IL 61701			fsseed.com
AGI 0725AE	2.5	EN	3, 5	S26EN53	2.6	EN	3	HS 26E20	2.6	EN	3, 5
26CN06	2.6	CV	3	S2872N	2.8	CV	3, 5	HS 28E10	2.8	EN	3, 5
AGI 1727AE	2.7	EN	3, 5	S28EN22	2.8	EN	3, 5	HS 28F20	2.8	XF	3, 5
2801GL	2.8	LLGT27	3	S28XF92S	2.8	XF, STS	3	HS 29F10	2.9	XF	3, 5
AGI 1729AE	2.9	EN	3, 5	S29EN62	2.9	EN	3, 5	HS 31E20	3.1	EN	3, 5
32CN08	3.2	CV	4	S31EN91	3.1	EN	3, 5	HS 31F10	3.1	XF	3, 5
AGI 1732AE	3.2	EN	4, 5	S33EN42	3.3	EN	4, 5, 7	HS 32F10	3.2	XF	4, 5
AGI 0733AE	3.3	EN	4, 5, 7	S35ES82	3.5	EN, STS	4, 6	HS 33E20	3.3	EN	4, 5
AGI 1734AE	3.4	EN	4, 6, 7	S3681STS	3.6	CV, STS	4, 6, 7	HS 34F00	3.4	XF	4, 6
AGI 1736AE	3.6	EN	4, 6, 7	S37ES52	3.7	EN, STS	4, 6, 8	HS 35E10	3.5	EN	4, 6
AGI 1737AE	3.7	EN	4, 6, 8	S37XF33	3.7	XF	6, 8	HS 35F20	3.5	XF	4, 6
AGI 2737AE	3.7	EN	4, 6, 8	S39EN19	3.9	EN	8	HS 37E10	3.7	EN	4, 6
AGI 1738AE	3.8	EN	6, 8	S41EN72	4.1	EN	8	HS 38E20	3.8	EN	4, 6
AGI 9739AE	3.9	EN	6, 8	Ebberts Field Seeds Inc.				NK Seeds			
AGI 0743AE	4.3	EN	8	6840 N State Route 48			937-473-2521	2001 Butterfield Rd STE 1600			614-907-0698
Albert Lea Seed/Viking Corn & Soybeans				Covington, OH 45318				Downer's Grove, IL 60515			
1414 W Main St/PO Box 127			800-352-5247				ebbertsseeds.com	syngenta-us.com/seeds/nk			
Albert Lea, MN 56007			alseed.com	E2671 E3	2.6	EN	3	NK29-Z4E3	2.9	EN	5
O.2418N	2.4	CV	3	E2960 E3	2.9	EN	3, 5	NK30-B2E3	3.0	EN	5
O.2702	2.7	CV	3	303XF	3.0	XF	3, 5	NK33-W2E3S	3.3	EN	5, 7
O.3118N	3.1	CV	3, 5	E3151 E3	3.1	EN	3, 5	NK36-H9E3S	3.6	EN	6, 7
O.3418N	3.4	CV	4, 6	E3370 E3	3.2	EN	4, 5, 7	Seed Consultants, Inc.			
Asgrow/Bayer Crop Science				333XF	3.3	XF	4, 5, 7	648 Miami Trace Rd.			800-708-2676
800 North Lindbergh Blvd			800-768-6387	E3460 E3	3.4	EN	4, 6, 7	Washington CH, OH 43160			seedconsultants.com
St. Louis, MO 63167			dekalbasgrowdeltapine.com	E3560 E3	3.5	EN	4, 6, 7	SC7282E TM	2.8	EN	3
AG22XF2	2.2	XF	3	E3760 E3	3.7	EN	4, 6, 7	SC7311E TM	3.1	EN	3, 5
AG24XF1	2.4	XF	3	372XF	3.7	XF	4, 6, 7	SC7322E TM	3.2	EN	4, 5, 7
AG25XF1	2.5	XF	3, 5	E3970 E3	3.8	EN	4, 6, 8	SC7332E TM	3.3	EN	4, 5, 7
AG27XF1	2.7	XF	3, 5	Golden Harvest				SC7341E TM	3.4	EN	4, 6, 7
AG28XF2	2.8	XF	3, 5	2001 Butterfield Rd, STE 1600			800-652-7333	SC7372E TM	3.7	EN	6, 8
AG30XF2	3.0	XF	3, 5, 7	Downer's Grove, IL 60515			goldenharvestseeds.com	SC7381E TM	3.8	EN	6, 8
AG32XF2	3.2	XF	4, 5, 7	GH2922E3	2.9	EN	3, 5	SC7412E TM	4.1	EN	6, 8
AG33XF2	3.3	XF	4, 5, 7	GH3132E3	3.1	EN	3, 5	Seedway, LLC			
AG35XF1	3.5	XF	4, 6, 7	GH3373E3S	3.3	EN, STS	4, 5, 7	1734 Railroad Place			800-836-3710
AG38XF1	3.8	XF	4, 6, 8	GH3442XF	3.4	XF	6	Hall, NY 14463			seedway.com
AG43XF2	4.3	XF	8	GH3582E3	3.5	EN	7	SG 2920E3	2.9	EN	3
				GH3762E3S	3.7	EN, STS	6	SG 2942XTF	2.9	XF	3
								SG 3393E3	3.3	EN	4
								SG 3522E3	3.5	EN	4

Table 2. Directory by Company Listed by Variety/Brand, Maturity Rating, and Type, CONTINUED

Physical characteristics and yield data for a variety can be located using the table number(s) associated with each entry in this directory.

Variety	RM	Type	Table #	Variety	RM	Type	Table #	Variety	RM	Type	Table #
Shurgrow				Virtue Seeds				Xitavo Soybean Seed			
59 Greif Pkwy. 800-231-7333				3414 Big Pine Trail 217-560-6374				103 Avenue D 419-561-7008			
Delaware, OH 43015 heritagecooperative.com				Champaign, IL 61822 virtuseeds.com				West Point, IA 52656 xitavosoybeanseed.com			
SG2753E	2.7	EN	3	V2922	2.9	CV	3, 5, 7	XO 2323E	2.3	EN	3
SG3053E	3.0	EN	3, 5	V3632S	3.6	CV	4, 6, 7	XO 2472E	2.4	EN	3
SG3152E	3.1	EN	5	Wellman Seeds, Inc.				XO 2501E	2.5	EN	5
SG3352E	3.3	EN	4, 5	23778 Jennings Delphos Rd 419-695-9010				XO 2613E	2.6	EN	3
SG3652E	3.6	EN	6	Delphos, OH 45833 wellmanseeds.com				XO 2832E	2.8	EN	3, 5
SG3754E	3.7	EN	6	W 6319E	1.9	EN	3	XO 2963E	2.9	EN	3, 5
SG3853E	3.8	EN	6	W 6125E	2.5	EN	3	XO 2921E	2.9	EN	3, 5
Stewart Seeds				K 1226GL	2.6	LLGT27	3	XO 3131E	3.1	EN	3, 5, 7
306 N Main St 800-365-7333				W 6330E	3.0	EN	3, 5, 7	XO 3341E	3.3	EN	4, 5, 7
Monticello, IN 47960 stewartseeds.com				W 6237E	3.7	EN	4, 6, 8	XO 3402E	3.4	EN	4, 6, 7
3531XF	3.5	XF	4, 6, 7	Williamsfield Seed Company				XO 3483E	3.5	EN	4, 7
3731XF	3.7	XF	4, 6, 8	257 E Hail St 309-569-0008				XO 3651E	3.6	EN	4, 6, 7
3843XF	3.8	XF	4, 6, 8	Bushnell, IL 61422 bairdseedcompany.com				XO 3752E	3.7	EN	4, 6, 8
4053XF	4.0	XF	6, 8	WSC 1217N	3.1	CV	3, 5	XO 3803E	3.8	EN	6, 8
University of Missouri				WSC 1248N	3.6	CV	4, 6, 7	XO 3861E	3.8	EN	6, 8
147 W State Hwy T 513-379-5431				WSC 7400N	4.3	CV	6, 8	XO 3922E	3.9	EN	8
Portageville, MO 63873								XO 4132E	4.1	EN	8
S19-3530RY	4.3	RR	8								

TABLE 3: The 2022 Ohio Soybean Performance Trials, North Region - Early Varieties (RM 1.9-3.1)

Entry		Seed & Plant Characteristics				North Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	Seed Treatment	RM	N1	N2	'22 Mean	'21-'22 Mean	
XO 3131E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.1	101.3**	91.5**	96.4	73.4	
303XF	Ebberts Field Seeds, Inc.	XF	Intego Suite, Rizolex	3.0	97.4*	90.2*	93.8		
XO 2501E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.5	95.0	90.1*	92.6		
SC7311E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.1	97.9*	86.9*	92.4	74.2	
XO 2832E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.8	94.4	89.4*	91.9	71.6	
S31EN91	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	3.1	100.2*	83.3	91.8	73.7	
E3151 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.1	96.4*	86.1*	91.3	74.9	
26CN06	Advanced Genetics, Inc.	CV	EclipseUS Trio R-75	2.6	92.4	90.0*	91.2	74.2	
O.3118N	Albert Lea Seed/Viking Corn and Soybeans	CV	None	3.1	98.6*	82.8	90.7	74.2	
S2872N	Dyna-Gro Seed	CV	Equity VIP, Saltro, Vayantis	2.8	93.7	86.8*	90.3	72.3	
AGI 0725AE	Advanced Genetics, Inc.	EN	Pro Tec S4	2.5	90.6	89.8*	90.2		
HS 31F10	Growmark, Inc.	XF	Accelaron I+F, Saltro	3.1	93.6	86.7*	90.2	70.4	
W 6330E	Wellman Seeds, Inc.	EN	Encase	3.0	93.7	86.2*	90.0		
SG3053E	Shurgrow	EN	Warden CX. Preside Ultra	3.0	94.1	85.7*	89.9		
S29EN62	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	2.9	92.4	86.8*	89.6	71.3	
HS 28E10	Growmark, Inc.	EN	Accelaron I+F, Saltro	2.8	95.2	84.0*	89.6	70.0	
WSC 1217N	Williamsfield Seed Company	CV	Eclipse US Trio 75, CeraMax, BAC-357	3.1	100.9*	77.9	89.4		
HS 31E20	Growmark, Inc.	EN	Accelaron I+F, Saltro	3.1	94.2	83.8*	89.0		
HS 26E20	Growmark, Inc.	EN	Accelaron I+F, Saltro	2.6	96.5*	80.3	88.4		

NOTE: North Region, Early Variety Trial Results are Continued on the Next Page.

TABLE 3: The 2022 Ohio Soybean Performance Trials, North Region - Early Varieties (RM 1.9-3.1)
CONTINUED FROM PREVIOUS PAGE

Entry		Seed & Plant Characteristics			North Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	Seed Treatment	RM	N1	N2	'22 Mean	'21-'22 Mean
V2922	Virtue Seeds	CV	CruiserMaxx, Vibrance	2.9	99.5*	77.0	88.3	72.5
HS 28F20	Growmark, Inc.	XF	Acceleron I+F, Saltro	2.8	88.0	87.5*	87.8	
XO 2963E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.9	90.1	84.2*	87.2	
SG 2920E3	Seedway, LLC	EN	Acceleron	2.9	92.5	80.5	86.5	
S26EN53	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	2.6	89.9	81.1	85.5	
XO 2921E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.9	97.7*	73.3	85.5	68.5
O.2702	Albert Lea Seed/Viking Corn and Soybeans	CV	None	2.7	87.5	83.4	85.5	67.5
XO 2472E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.4	88.7	81.9	85.3	66.3
AG30XF2	Asgrow	XF	Acceleron, ILeVO	3.0	90.8	79.3	85.1	
SC7282E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	2.8	84.2	85.8*	85.0	
XO 2323E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.3	100.4*	69.5	85.0	
HS 29F10	Growmark, Inc.	XF	Acceleron I+F, Saltro	2.9	93.7	75.9	84.8	
AGI 1727AE	Advanced Genetics, Inc.	EN	Pro Tec S4	2.7	89.1	79.1	84.1	
S28XF92S	Dyna-Gro Seed	XF, STS	Equity VIP, Saltro, Vayantis	2.8	90.7	77.3	84.0	67.3
SG 2942XTF	Seedway, LLC	XF	Acceleron	2.9	86.9	80.1	83.5	
E2671 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	2.6	87.5	78.8	83.2	
XO 2613E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.6	90.3	75.9	83.1	
AGI 1729AE	Advanced Genetics, Inc.	EN	Pro Tec S4	2.9	87.5	77.7	82.6	
AG27XF1	Asgrow	XF	Acceleron, ILeVO	2.7	83.9	81.3	82.6	65.5
GH2922E3	Golden Harvest	EN	CruiserMaxx, Vibrance, Saltro	2.9	84.5	79.7	82.1	66.2
W 6125E	Wellman Seeds, Inc.	EN	Encase	2.5	90.2	71.7	81.0	
AG28XF2	Asgrow	XF	Acceleron, ILeVO	2.8	88.2	73.2	80.7	
2801GL	Advanced Genetics, Inc.	LLGT27	EclipseUS Trio R-75	2.8	89.6	71.8	80.7	65.4
GH3132E3	Golden Harvest	EN	CruiserMaxx, Vibrance, Saltro	3.1	91.8	69.0	80.4	63.6
K 1226GL	Wellman Seeds, Inc.	LLGT27	Encase	2.6	84.9	75.8	80.4	
SG2753E	Shurgrow	EN	Warden CX. Preside Ultra	2.7	91.2	68.4	78.9	
W 6319 E	Wellman Seeds, Inc.	EN	Encase	1.9	75.4	82.9	79.2	
E2960 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	2.9	84.5	73.7	79.1	67.0
AG24XF1	Asgrow	XF	Acceleron, ILeVO	2.4	75.3	80.0	77.7	61.8
O.2418N	Albert Lea Seed/Viking Corn and Soybeans	CV	None	2.4	79.8	75.4	77.6	64.4
AG22XF2	Asgrow	XF	Acceleron, ILeVO	2.2	81.4	73.6	77.5	
S28EN22	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	2.8	87.1	66.6	76.9	62.4
AG25XF1	Asgrow	XF	Acceleron, ILeVO	2.5	84.5	64.7	74.6	62.4
			Min	1.9	75.3	64.7	74.6	
			Max	3.1	101.3	91.5	96.4	
			Mean	2.8	90.8	80.3	85.6	
			LSD (.1)		5.3	7.8		
			CV		5.0	8.3		

**Highest yielding variety; *Varieties with yield not statistically different than the highest yielding variety. Please note: Minimum, maximum, and mean include data for experimental soybean varieties that are not published in this bulletin.

TABLE 4: The 2022 Ohio Soybean Performance Trials, North Region - Late Varieties (RM 3.2-3.8)

Variety	Entry Brand/Company Name	Seed & Plant Characteristics			North Region Yield (bu/ac)			
		Type	Seed Treatment	RM	N1	N2	'22 Mean	'21-'22 Mean
E3760 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.6	106.0*	88.1**	97.1	77.8
S37ES52	Dyna-Gro Seed	EN, STS	Equity VIP, Saltro, Vayantis	3.7	104.3*	81.2	92.8	
HS 35F20	Growmark, Inc.	XF	Acceleron I+F, Saltro	3.5	98.7	86.2*	92.5	
HS 37E10	Growmark, Inc.	EN	Acceleron I+F, Saltro	3.7	105.2*	78.8	92.0	76.4
XO 3752E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.7	106.5**	76.0	91.3	75.3
V3632S	Virtue Seeds	CV	CruiserMaxx, Vibrance	3.6	95.2	86.9*	91.1	
HS 35E10	Growmark, Inc.	EN	Acceleron I+F, Saltro	3.5	97.3	84.4*	90.9	
SC7322E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.2	97.0	84.5*	90.8	74.7
XO 3651E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.6	95.2	86.2*	90.7	70.3
SG 3522E3	Seedway, LLC	EN	Acceleron	3.5	97.7	83.4*	90.6	
S33EN42	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	3.3	96.8	83.4*	90.1	
E3370 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.2	99.3	80.9	90.1	
AGI 2737AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.7	99.3	80.2	89.8	
XO 3483E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.4	97.1	82.0*	89.6	
HS 38E20	Growmark, Inc.	EN	Acceleron I+F, Saltro	3.8	97.9	81.1	89.5	
HS 32F10	Growmark, Inc.	XF	Acceleron I+F, Saltro	3.2	95.7	83.0*	89.4	
3843XF	Stewart Seeds	XF	Acceleron	3.8	92.3	86.2*	89.3	
HS 33E20	Growmark, Inc.	EN	Acceleron I+F, Saltro	3.3	94.3	83.4*	88.9	
E3970 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.8	92.2	84.9*	88.6	
372XF	Ebberts Field Seeds, Inc.	XF	Intego Suite, Rizolex	3.6	95.1	81.3	88.2	73.1
3731XF	Stewart Seeds	XF	Acceleron	3.7	95.0	81.2	88.1	69.1
SC7341E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.4	98.2	77.4	87.8	69.3
XO 3341E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.3	96.9	78.3	87.6	70.3
E3460 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.4	94.3	80.7	87.5	72.4
SC7332E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.3	93.2	81.0	87.1	
AGI 1734AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.4	96.7	77.3	87.0	
S35ES82	Dyna-Gro Seed	EN, STS	Equity VIP, Saltro, Vayantis	3.5	88.0	86.0*	87.0	67.4
AG35XF1	Asgrow	XF	Acceleron, ILeVO	3.5	94.0	78.7	86.4	66.9
E3560 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.5	93.3	77.8	85.6	68.5
WSC 1248N	Williamsfield Seed Company	CV	Eclipse US Trio 75, CeraMax, BAC-357	3.6	85.0	85.7*	85.4	
GH3373E3S	Golden Harvest	EN, STS	CruiserMaxx, Vibrance, Saltro	3.3	92.3	78.1	85.2	
S3681STS	Dyna-Gro Seed	CV, STS	Equity VIP, Saltro, Vayantis	3.6	92.9	76.7	84.8	70.8
HS 34F00	Growmark, Inc.	XF	Acceleron I+F, Saltro	3.4	88.6	80.8	84.7	66.9
SG 3393E3	Seedway, LLC	EN	Acceleron	3.3	91.8	77.6	84.7	
AGI 1737AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.7	92.8	76.4	84.6	
AG33XF2	Asgrow	XF	Acceleron, ILeVO	3.3	90.3	78.7	84.5	
333XF	Ebberts Field Seeds, Inc.	XF	Intego Suite, Rizolex	3.3	94.7	73.1	83.9	
XO 3402E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.4	90.5	77.2	83.9	69.1
AG38XF1	Asgrow	XF	Acceleron, ILeVO	3.8	89.0	78.3	83.7	68.0
SG3352E	Shurgrow	EN	Warden CX, Preside Ultra	3.3	96.2	69.9	83.1	
3531XF	Stewart Seeds	XF	Acceleron	3.5	92.1	73.6	82.9	67.9
W 6237E	Wellman Seeds, Inc.	EN	Encase	3.7	87.8	77.8	82.8	69.4
AGI 1732AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.2	89.1	75.8	82.5	
32CN08	Advanced Genetics, Inc.	CV	EclipseUS Trio R-75	3.2	90.3	73.0	81.7	
AGI 1736AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.6	89.6	73.7	81.7	
AG32XF2	Asgrow	XF	Acceleron, ILeVO	3.2	88.4	73.9	81.2	
AGI 0733AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.3	89.6	71.3	80.5	
O.3418N	Albert Lea Seed/Viking Corn and Soybeans	CV	None	3.4	88.6	67.7	78.2	
				Min	3.2	85.0	67.7	78.2
				Max	3.8	106.5	88.1	97.1
				Mean	3.5	94.4	79.6	87.0
				LSD (0.1)		4.9	6.5	
				CV		4.4	6.9	

**Highest yielding variety; *Varieties with yield not statistically different than the highest yielding variety. Please note: Minimum, maximum, and mean include data for experimental soybean varieties that are not published in this bulletin.

TABLE 5: The 2022 Ohio Soybean Performance Trials, Central Region - Early Varieties (RM 2.5-3.3)

Entry		Seed & Plant Characteristics			Central Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	Seed Treatment	RM	C1	C2	'22 Mean	'21-'22 Mean
V2922	Virtue Seeds	CV	CruiserMaxx, Vibrance	2.9	92.3**	36.0	64.2	65.1
S33EN42	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	3.3	86.1*	38.3*	62.2	62.6
S2872N	Dyna-Gro Seed	CV	Equity VIP, Saltro, Vayantis	2.8	86.7*	37.6*	62.2	
HS 31E20	GROWMARK, Inc.	EN	Acceleron I+F, Saltro	3.1	84.6	36.1	60.4	
XO 3131E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.1	83.3	37.3*	60.3	62.6
SC7322E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.2	81.2	37.8*	59.5	63.9
SG3053E	Shurgrow	EN	Warden CX, Preside Ultra	3.0	82.0	36.2	59.1	
E3151 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.1	76.6	41.4**	59.0	64.2
303XF	Ebberts Field Seeds, Inc.	XF	Intego Suite, Rizolex	3.0	81.4	35.8	58.6	
HS 32F10	GROWMARK, Inc.	XF	Acceleron I+F, Saltro	3.2	81.2	35.2	58.2	
S31EN91	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	3.1	79.9	36.1	58.0	61.8
AG30XF2	Asgrow	XF	Acceleron, ILeVO	3.0	81.0	34.9	58.0	
HS 28E10	GROWMARK, Inc.	EN	Acceleron I+F, Saltro	2.8	82.5	33.2	57.9	60.7
AG27XF1	Asgrow	XF	Acceleron, ILeVO	2.7	79.8	34.7	57.3	59.8
GH3373E3S	Golden Harvest	EN, STS	CruiserMaxx, Vibrance, Saltro	3.3	78.3	36.0	57.2	
SC7332E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.3	82.9	31.3	57.1	
WSC 1217N	Williamsfield Seed Company	CV	Eclipse US Trio 75, CeraMax, BAC-357	3.1	83.9	29.9	56.9	
XO 2921E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.9	82.7	31.0	56.9	60.0
AG33XF2	Asgrow	XF	Acceleron, ILeVO	3.3	79.9	33.7	56.8	
SG3352E	Shurgrow	EN	Warden CX, Preside Ultra	3.3	79.6	33.8	56.7	60.5
NK33-W2E3S	NK Seeds	EN	CruiserMaxx, Vibrance, Saltro	3.3	75.9	37.3*	56.6	
333XF	Ebberts Field Seeds, Inc.	XF	Intego Suite, Rizolex	3.3	83.0	30.1	56.6	
XO 2963E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.9	82.3	30.2	56.3	
XO 2832E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.8	78.2	33.8	56.0	58.1
XO 3341E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.3	80.3	31.6	56.0	61.2
SC7311E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.1	74.2	37.6*	55.9	60.7
SG3152E	Shurgrow	EN	Warden CX, Preside Ultra	3.1	80.7	31.1	55.9	59.5
O.3118N	Albert Lea Seed/Viking Corn and Soybeans	CV	None	3.1	79.9	31.5	55.7	61.0
GH3132E3	Golden Harvest	EN	CruiserMaxx, Vibrance, Saltro	3.1	78.4	32.7	55.6	59.8
S29EN62	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	2.9	80.0	31.0	55.5	
E3370 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.2	80.5	30.4	55.5	
AG28XF2	Asgrow	XF	Acceleron, ILeVO	2.8	77.7	32.9	55.3	
HS 28F20	GROWMARK, Inc.	XF	Acceleron I+F, Saltro	2.8	79.3	31.2	55.3	
XO 2501E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	2.5	80.8	29.7	55.3	
HS 26E20	GROWMARK, Inc.	EN	Acceleron I+F, Saltro	2.6	76.1	34.1	55.1	
HS 33E20	GROWMARK, Inc.	EN	Acceleron I+F, Saltro	3.3	81.0	29.1	55.1	
AGI 1732AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.2	78.9	30.9	54.9	
NK30-B2E3	NK Seeds	EN	CruiserMaxx, Vibrance, Saltro	3.0	72.0	37.6*	54.8	
AGI 0725AE	Advanced Genetics, Inc.	EN	Pro Tec S4	2.5	79.7	29.0	54.4	
W 6330E	Wellman Seeds, Inc.	EN	Encase	3.0	75.6	33.0	54.3	
NK29-Z4E3	NK Seeds	EN	CruiserMaxx, Vibrance, Saltro	2.9	77.9	29.5	53.7	
GH2922E3	Golden Harvest	EN	CruiserMaxx, Vibrance, Saltro	2.9	80.3	27.0	53.7	58.5
HS 29F10	GROWMARK, Inc.	XF	Acceleron I+F, Saltro	2.9	69.9	37.0*	53.5	
E2960 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	2.9	77.1	29.8	53.5	59.7
AG32XF2	Asgrow	XF	Acceleron, ILeVO	3.2	68.1	38.5*	53.3	
HS 31F10	GROWMARK, Inc.	XF	Acceleron I+F, Saltro	3.1	73.0	33.3	53.2	56.9
AG25XF1	Asgrow	XF	Acceleron, ILeVO	2.5	76.8	28.9	52.9	57.0
AGI 1727AE	Advanced Genetics, Inc.	EN	Pro Tec S4	2.7	76.4	26.8	51.6	
AGI 0733AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.3	73.4	29.0	51.2	
AGI 1729AE	Advanced Genetics, Inc.	EN	Pro Tec S4	2.9	69.3	28.2	48.8	
S28EN22	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	2.8	71.0	23.3	47.2	
			Min	2.5	66.2	23.3	46.8	
			Max	3.3	92.3	41.4	64.2	
			Mean	3.0	78.8	32.9	55.9	
			LSD (0.1)		5.8	4.6		
			CV		6.3	11.8		

**Highest yielding variety; *Varieties with yield not statistically different than the highest yielding variety. Please note: Minimum, maximum, and mean include data for experimental soybean varieties that are not published in this bulletin.

TABLE 6: The 2022 Ohio Soybean Performance Trials, Central Region - Late Varieties (RM 3.4-4.3)

Entry		Seed & Plant Characteristics			Central Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	Seed Treatment	RM	C1	C2	'22 Mean	'21-'22 Mean
HS 38E20	GROWMARK, Inc.	EN	Acceleron I+F, Saltro	3.8	87.6*	45.8*	66.7	
E3760 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.6	90.6**	41.0	65.8	66.2
E3560 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.5	82.9	48.0**	65.5	64.1
XO 3803E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.8	84.0	46.1*	65.1	
3843XF	Stewart Seeds	XF	Acceleron	3.8	86.5*	43.3*	64.9	
E3970 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.8	84.3	44.3*	64.3	
4053XF	Stewart Seeds	XF	Acceleron	4.0	86.3*	42.3	64.3	
HS 37E10	GROWMARK, Inc.	EN	Acceleron I+F, Saltro	3.7	86.6*	41.2	63.9	65.1
HS 35E10	GROWMARK, Inc.	EN	Acceleron I+F, Saltro	3.5	86.2*	41.2	63.7	
AGI 2737AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.7	81.9	45.3*	63.6	
XO 3861E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.8	82.1	44.9*	63.5	65.3
AGI 9739AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.9	83.9	42.7	63.3	
S37ES52	Dyna-Gro Seed	EN, STS	Equity VIP, Saltro, Vayantis	3.7	83.4	42.8	63.1	65.3
SG3853E	Shurgrow	EN	Warden CX, Preside Ultra	3.8	79.4	46.1*	62.8	
SC7372E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.7	81.4	44.0*	62.7	63.0
AGI 1734AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.4	85.9*	39.1	62.5	
SC7381E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.8	82.4	41.8	62.1	63.6
XO 3752E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.7	81.2	42.3	61.8	64.5
3531XF	Stewart Seeds	XF	Acceleron	3.5	79.9	43.4*	61.7	
AGI 1736AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.6	80.8	42.5	61.7	
W 6237E	Wellman Seeds, Inc.	EN	Encase	3.7	83.3	39.2	61.3	62.3
V3632S	Virtue Seeds	CV	CruiserMaxx, Vibrance	3.6	82.4	39.3	60.9	
GH3762E3S	Golden Harvest	EN, STS	CruiserMaxx, Vibrance, Saltro	3.7	79.3	41.3	60.3	64.5
E3460 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.4	80.1	40.2	60.2	61.5
NK36-H9E3S	NK Seeds	EN	CruiserMaxx, Vibrance, Saltro	3.6	76.4	43.8*	60.1	
SG3754E	Shurgrow	EN	Warden CX, Preside Ultra	3.7	78.3	41.6	60.0	
AGI 1738AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.8	79.5	40.2	59.9	
372XF	Ebberts Field Seeds, Inc.	XF	Intego Suite, Rizolex	3.6	80.2	39.1	59.7	62.6
HS 35F20	GROWMARK, Inc.	XF	Acceleron I+F, Saltro	3.5	79.2	40.1	59.7	
GH3442XF	Golden Harvest	XF	CruiserMaxx, Vibrance, Saltro	3.4	83.2	35.8	59.5	61.4
AGI 1737AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.7	79.0	39.3	59.2	
AG35XF1	Asgrow	XF	Acceleron, ILeVO	3.5	78.7	39.5	59.1	62.1
HS 34F00	GROWMARK, Inc.	XF	Acceleron I+F, Saltro	3.4	79.7	38.4	59.1	61.8
SG3652E	Shurgrow	EN	Warden CX, Preside Ultra	3.6	83.9	34.2	59.1	62.4
AG38XF1	Asgrow	XF	Acceleron, ILeVO	3.8	82.1	35.7	58.9	62.7
S37XF33	Dyna-Gro Seed	XF	Equity VIP, Saltro, Vayantis	3.7	76.6	40.8	58.7	
SC7341E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.4	81.4	35.7	58.6	63.4
WSC 7400N	Williamsfield Seed Company	CV	Eclipse US Trio 75, CeraMax, BAC-357	4.3	75.9	40.4	58.2	
S35ES82	Dyna-Gro Seed	EN, STS	Equity VIP, Saltro, Vayantis	3.5	77.6	38.2	57.9	62.0
3731XF	Stewart Seeds	XF	Acceleron	3.7	73.8	41.7	57.8	60.7
SC7412E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	4.1	78.2	37.0	57.6	
O.3418N	Albert Lea Seed/Viking Corn and Soybeans	CV	None	3.4	80.8	33.8	57.3	
XO 3651E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.6	75.4	39.0	57.2	62.9
WSC 1248N	Williamsfield Seed Company	CV	Eclipse US Trio 75, CeraMax, BAC-357	3.6	76.7	37.3	57.0	
XO 3402E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.4	77.5	35.3	56.4	61.4
S3681STS	Dyna-Gro Seed	CV, STS	Equity VIP, Saltro, Vayantis	3.6	78.6	32.4	55.5	60.4
			Min	3.4	72.7	32.4	55.0	
			Max	4.3	90.6	48.0	66.7	
			Mean	3.7	80.9	40.4	60.7	
			LSD (0.1)		6.1	4.9		
			CV		6.4	10.3		

**Highest yielding variety; *Varieties with yield not statistically different than the highest yielding variety. Please note: Minimum, maximum, and mean include data for experimental soybean varieties that are not published in this bulletin.

TABLE 7: The 2022 Ohio Soybean Performance Trials, South Region - Early Varieties (RM 2.9-3.6)

Entry		Seed & Plant Characteristics			South Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	Seed Treatment	RM	S1	S2	'22 Mean	'21-'22 Mean
E3760 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.6	74.1**	83.5*	78.8	
E3560 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.5	69.2*	83.8**	76.5	73.1
NK36-H9E3S	NK Seeds	EN	CruiserMaxx, Vibrance, Saltro	3.6	69.9*	80.7*	75.3	
SC7332E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.3	69.5*	79.6	74.6	
333XF	Ebberts Field Seeds, Inc.	XF	Intego Suite, Rizolex	3.3	70.7*	78.1	74.4	
AG35XF1	Asgrow	XF	Acceleron, ILeVO	3.5	70.4*	77.7	74.1	75.4
XO 3651E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.6	68.4	79.6	74.0	73.6
3531XF	Stewart Seeds	XF	Acceleron	3.5	70.5*	77.3	73.9	74.4
AGI 1736AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.6	66.2	80.7*	73.5	
V3632S	Virtue Seeds	CV	CruiserMaxx, Vibrance	3.6	67.5	79.3	73.4	
GH3373E3S	Golden Harvest	EN, STS	CruiserMaxx, Vibrance, Saltro	3.3	69.1*	77.6	73.4	
E3370 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.2	68.2	77.2	72.7	
XO 3341E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.3	67.7	77.6	72.7	72.1
XO 3483E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.4	65.9	79.3	72.6	
GH3582E3	Golden Harvest	EN	CruiserMaxx, Vibrance, Saltro	3.5	65.6	78.8	72.2	70.7
AGI 1734AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.4	68.8	75.5	72.2	
372XF	Ebberts Field Seeds, Inc.	XF	Intego Suite, Rizolex	3.6	66.1	77.9	72.0	
SC7322E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.2	68.3	75.5	71.9	72.6
E3460 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.4	67.3	76.2	71.8	70.7
NK33-W2E3S	NK Seeds	EN	CruiserMaxx, Vibrance, Saltro	3.3	68.1	74.7	71.4	
V2922	Virtue Seeds	CV	CruiserMaxx, Vibrance	2.9	67.4	75.4	71.4	73.5
AG30XF2	Asgrow	XF	Acceleron, ILeVO	3.0	63.6	78.8	71.2	
AG33XF2	Asgrow	XF	Acceleron, ILeVO	3.3	65.3	76.5	70.9	
XO 3402E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.4	66.7	74.5	70.6	71.2
SC7341E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.4	63.3	77.8	70.6	73.5
XO 3131E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.1	66.6	74.4	70.5	71.8
AGI 0733AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.3	63.1	77.5	70.3	
S3681STS	Dyna-Gro Seed	CV, STS	Equity VIP, Saltro, Vayantis	3.6	66.5	73.0	69.8	73.8
S33EN42	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	3.3	64.2	74.3	69.3	
AG32XF2	Asgrow	XF	Acceleron, ILeVO	3.2	62.7	72.6	67.7	
WSC 1248N	Williamsfield Seed Company	CV	Eclipse US Trio 75, CeraMax, BAC-357	3.6	61.9	73.3	67.6	
W 6330E	Wellman Seeds, Inc.	EN	Encase	3.0	61.8	72.4	67.1	
			Min	2.9	61.8	72.4	67.1	
			Max	3.6	74.1	83.8	78.8	
			Mean	3.4	67.0	77.2	72.1	
			LSD (0.1)		5.2	4.0		
			CV		6.6	4.4		

**Highest yielding variety; *Varieties with yield not statistically different than the highest yielding variety. Please note: Minimum, maximum, and mean include data for experimental soybean varieties that are not published in this bulletin.

TABLE 8: The 2022 Ohio Soybean Performance Trials, South Region - Late Varieties (RM 3.7-4.3)

Entry		Seed & Plant Characteristics			South Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	Seed Treatment	RM	S1	S2	'22 Mean	'21-'22 Mean
S37ES52	Dyna-Gro Seed	EN, STS	Equity VIP, Saltro, Vayantis	3.7	74.9**	83.1*	79.0	80.5
3843XF	Stewart Seeds	XF	Acceleron	3.8	69.7	84.6**	77.2	
XO 3752E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.7	69.4	82.1*	75.8	78.0
S37XF33	Dyna-Gro Seed	XF	Equity VIP, Saltro, Vayantis	3.7	71.6*	79.4	75.5	
AG43XF2	Asgrow	XF	Acceleron, ILeVO	4.3	68.8	80.1	74.5	
4053XF	Stewart Seeds	XF	Acceleron	4.0	66.9	80.4*	73.7	
AG38XF1	Asgrow	XF	Acceleron, ILeVO	3.8	68.1	79.0	73.6	75.6
AGI 0743AE	Advanced Genetics, Inc.	EN	Pro Tec S4	4.3	65.2	80.8*	73.0	
AGI 2737AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.7	68.8	75.5	72.2	
XO 3861E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.8	71.4*	72.6	72.0	73.9
3731XF	Stewart Seeds	XF	Acceleron	3.7	67.9	75.2	71.6	70.9
SC7372E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.7	68.8	74.0	71.4	73.4
E3970 E3	Ebberts Field Seeds, Inc.	EN	Intego Suite, Rizolex	3.8	70.8*	71.8	71.3	
S39EN19	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	3.9	65.0	77.3	71.2	74.2
WSC 7400N	Williamsfield Seed Company	CV	Eclipse US Trio 75, CeraMax, BAC-357	4.3	66.7	75.2	71.0	
XO 3922E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.9	67.7	74.1	70.9	73.0
AGI 9739AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.9	62.7	78.6	70.7	
AGI 1737AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.7	66.8	74.2	70.5	
S19-3530RY	University of Missouri	RR	Warden CX	4.3	63.5	76.9	70.2	
XO 3803E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	3.8	67.0	71.7	69.4	
SC7381E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	3.8	67.2	71.2	69.2	71.3
AGI 1738AE	Advanced Genetics, Inc.	EN	Pro Tec S4	3.8	62.4	74.8	68.6	
SC7412E™	Seed Consultants, Inc.	EN	LumiGen, ILeVO	4.1	65.2	71.7	68.5	
W 6237E	Wellman Seeds, Inc.	EN	Encase	3.7	65.0	71.8	68.4	71.4
XO 4132E	Xitavo Soybean Seed	EN	ObviusPlus, Poncho/Votivo, ILeVO, Relenya	4.1	64.5	67.2	65.9	73.3
S41EN72	Dyna-Gro Seed	EN	Equity VIP, Saltro, Vayantis	4.1	61.3	68.2	64.8	72.0
				Min	3.7	60.3	67.2	64.7
				Max	4.3	74.9	84.6	79.0
				Mean	3.9	67.1	75.6	71.3
				LSD (0.1)		4.8	4.3	
				CV		6.1	4.9	

**Highest yielding variety; *Varieties with yield not statistically different than the highest yielding variety. Please note: Minimum, maximum, and mean include data for experimental soybean varieties that are not published in this bulletin.

TABLE 9: Seed characteristics (seeds/lb, % protein, and % oil) from seed collected at the Union County location, 2022.

Entry		Seed Quality				Entry		Seed Quality			
Variety	RM	Type	Seeds/lb	% Protein	% Oil	Variety	RM	Type	Seeds/lb	% Protein	% Oil
Advanced Genetics, Inc.						Albert Lea Seed/Viking Corn & Soybeans					
AGI 0725AE	2.5	EN	2910	31.5	21.3	O.2418N	2.4	CV	3027	33.5	19.6
26CN06	2.6	CV	2987	31.1	21.6	O.2702	2.7	CV	2580	34.8	19.9
AGI 1727AE	2.7	EN	2702	33.2	20.6	O.3118N	3.1	CV	2340	33.2	20.0
2801GL	2.8	LLGT27	3068	33.4	20.0	O.3418N	3.4	CV	2441	34.5	19.6
AGI 1729AE	2.9	EN	2802	32.9	20.3	Asgrow/Bayer Crop Science					
32CN08	3.2	CV	2702	32.9	20.2	AG22XF2	2.2	XF	2671	34.6	20.2
AGI 1732AE	3.2	EN	2987	33.5	19.6	AG24XF1	2.4	XF	3243	33.2	19.5
AGI 0733AE	3.3	EN	2873	30.4	20.7	AG25XF1	2.5	XF	2802	35.0	19.5
AGI 1734AE	3.4	EN	2873	32.5	21.2	AG27XF1	2.7	XF	2910	33.6	19.8
AGI 1736AE	3.6	EN	2735	30.4	20.4	AG28XF2	2.8	XF	2873	35.3	18.7
AGI 1737AE	3.7	EN	2838	35.2	19.0	AG30XF2	3.0	XF	2467	36.1	18.5
AGI 2737AE	3.7	EN	2702	33.5	19.2	AG32XF2	3.2	XF	2768	33.9	18.6
AGI 1738AE	3.8	EN	2987	32.4	19.5	AG33XF2	3.3	XF	2987	30.8	19.8
AGI 9739AE	3.9	EN	2580	34.5	19.2	AG35XF1	3.5	XF	2495	34.4	19.7
AGI 0743AE	4.3	EN	2768	33.2	19.6	AG38XF1	3.8	XF	2415	36.0	17.7
						AG43XF2	4.3	XF	2609	34.2	18.7

NOTE: Table 9 is Continued on the Next Page.

TABLE 9: Seed characteristics (seeds/lb, % protein, and % oil) from seed collected at Union County location, 2022.

Entry		Seed Quality				Entry		Seed Quality			
Variety	RM	Type	Seeds/lb	% Protein	% Oil	Variety	RM	Type	Seeds/lb	% Protein	% Oil
Dyna-Gro Seed						Ebberts Field Seeds Inc.					
S26EN53	2.6	EN	2702	33.1	19.5	E2671 E3	2.6	EN	2735	34.0	19.8
S2872N	2.8	CV	2467	32.6	20.1	E2960 E3	2.9	EN	2838	31.6	20.3
S28EN22	2.8	EN	3110	33.8	20.0	303XF	3.0	XF	2495	33.6	19.4
S28XF92S	2.8	XF, STS	2802	34.3	19.4	E3151 E3	3.1	EN	2910	32.9	19.7
S29EN62	2.9	EN	2768	33.5	19.7	E3370 E3	3.2	EN	2640	34.3	20.6
S31EN91	3.1	EN	2580	33.1	19.2	333XF	3.3	XF	2580	34.7	18.2
S33EN42	3.3	EN	2838	33.4	20.6	E3460 E3	3.4	EN	2838	31.7	21.2
S35ES82	3.5	EN, STS	2640	31.7	20.6	E3560 E3	3.5	EN	2671	34.0	19.3
S3681STS	3.6	CV, STS	2365	35.2	18.4	E3760 E3	3.7	EN	2609	34.1	20.4
S37ES52	3.7	EN, STS	2415	32.6	20.8	372XF	3.7	XF	2671	35.8	17.4
S37XF33	3.7	XF	2702	31.8	19.6	E3970 E3	3.8	EN	2121	32.6	19.4
S39EN19	3.9	EN	2580	35.5	18.2	GROWMARK, Inc.					
S41EN72	4.1	EN	3027	31.1	19.7	HS 26E20	2.6	EN	2987	32.8	20.7
Golden Harvest						HS 28E10	2.8	EN	2671	34.5	19.6
GH2922E3	2.9	EN	3290	33.8	20.3	HS 28F20	2.8	XF	2838	35.3	18.8
GH3132E3	3.1	EN	2948	34.3	19.9	HS 29F10	2.9	XF	2580	36.6	18.3
GH3373E3S	3.3	EN, STS	2768	31.6	20.3	HS 31E20	3.1	EN	2609	33.4	20.0
GH3442XF	3.4	XF	2873	33.7	19.5	HS 31F10	3.1	XF	2495	34.9	18.8
GH3582E3	3.5	EN	2609	32.1	20.3	HS 32F10	3.2	XF	2640	34.2	18.8
GH3762E3S	3.7	EN, STS	2873	32.8	19.4	HS 33E20	3.3	EN	2671	34.6	19.9
NK Seeds						HS 34F00	3.4	XF	3068	34.0	19.1
NK29-Z4E3	2.9	EN	3153	33.1	20.7	HS 35E10	3.5	EN	2802	33.1	20.7
NK30-B2E3	3.0	EN	3027	31.5	20.4	HS 35F20	3.5	XF	2702	32.9	19.9
NK33-W2E3S	3.3	EN	3027	32.3	20.2	HS 37E10	3.7	EN	2522	33.2	20.4
NK36-H9E3S	3.6	EN	2495	32.9	20.8	HS 38E20	3.8	EN	2340	33.1	19.3
Seed Consultants, Inc.						Seedway, LLC					
SC7282E™	2.8	EN	3290	31.3	21.5	SG 2920E3	2.9	EN	2873	34.2	19.9
SC7311E™	3.1	EN	2551	32.4	19.7	SG 2942XTF	2.9	XF	2948	34.8	19.2
SC7322E™	3.2	EN	2838	33.6	20.0	SG 3393E3	3.3	EN	2838	33.7	19.9
SC7332E™	3.3	EN	2768	32.0	20.9	SG 3522E3	3.5	EN	2802	32.9	19.7
SC7341E™	3.4	EN	2910	32.7	20.8	Shurgrow					
SC7372E™	3.7	EN	2640	35.2	19.4	SG2753E	2.7	EN	2802	33.5	19.9
SC7381E™	3.8	EN	2910	35.0	19.4	SG3053E	3.0	EN	2735	31.2	20.5
SC7412E™	4.1	EN	3027	33.6	18.9	SG3152E	3.1	EN	2873	33.5	19.5
Stewart Seeds						SG3352E	3.3	EN	3027	31.7	20.5
3531XF	3.5	XF	2580	35.3	18.9	SG3652E	3.6	EN	2522	33.8	20.6
3731XF	3.7	XF	2522	36.1	18.1	SG3754E	3.7	EN	2671	34.8	18.6
3843XF	3.8	XF	3153	34.4	18.1	SG3853E	3.8	EN	2204	33.4	19.3
4053XF	4.0	XF	2735	35.1	17.9	University of Missouri					
Virtue Seeds						S19-3530RY	4.3	RR	2768	34.2	17.9
V2922	2.9	CV	2735	33.2	20.5	Wellman Seeds					
V3632S	3.6	CV	2389	35.5	19.0	W 6319E	1.9	EN	2873	31.4	20.8
Williamsfield Seed Company						W 6125E	2.5	EN	3243	31.3	21.8
WSC 1217N	3.1	CV	2873	34.2	20.1	K 1226GL	2.6	LLGT27	2873	32.1	20.4
WSC 1248N	3.6	CV	2551	32.7	20.5	W 6330E	3.0	EN	2609	32.8	19.7
WSC 7400N	4.3	CV	2580	33.0	20.3	W 6237E	3.7	EN	2873	35.2	18.9
Xitavo Soybean Seed						Xitavo Soybean Seed					
XO 2323E	2.3	EN	2802	33.7	20.3	XO 3483E	3.5	EN	2609	33.1	20.7
XO 2472E	2.4	EN	3027	31.7	21.6	XO 3651E	3.6	EN	2735	33.2	19.9
XO 2501E	2.5	EN	2768	31.6	21.5	XO 3752E	3.7	EN	2522	34.3	20.3
XO 2613E	2.6	EN	2735	33.8	19.9	XO 3803E	3.8	EN	2365	33.4	19.1
XO 2832E	2.8	EN	2671	33.5	19.7	XO 3861E	3.8	EN	2522	33.3	19.8
XO 2963E	2.9	EN	3197	32.4	20.6	XO 3922E	3.9	EN	2838	32.7	19.3
XO 2921E	2.9	EN	2768	31.2	20.6	XO 4132E	4.1	EN	2910	31.1	20.1
XO 3131E	3.1	EN	2987	31.5	20.3						
XO 3341E	3.3	EN	2735	32.8	20.1						
XO 3402E	3.4	EN	2522	33.0	20.7						