



THE OHIO STATE
UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

THE 2021 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 N2 and S2 locations, which were 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 2021 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), Xtend (X), 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.

2021 Tables by Region and Maturity Grouping

North	Early (2.1-3.1)	Table 3
	Late (3.2-4.0)	Table 4
Central	Early (2.4-3.3)	Table 5
	Late (3.4-4.1)	Table 6
South	Early (2.7-3.6)	Table 7
	Late (3.7-4.5)	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 2021.

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.

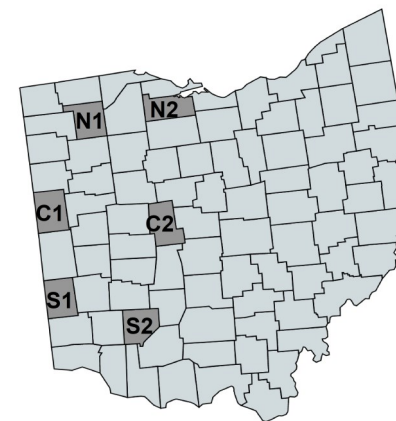


Table 1: The 2021 Ohio Soybean Performance Trials, Site Descriptions

	N1	N2	C1	C2	S1	S2
	Henry Co.	Sandusky Co.	Mercer Co.	Union Co.	Preble Co.	Clinton Co.
Soil texture	Clay	Sandy clay loam	Clay loam	Clay loam	Clay	Silty clay loam
Soil pH	6.5	5.8	7.5	5.4	6.8	6.1
Soil Test P-Mehlich (ppm)	41	33	90	25	53	66
Soil Test K (ppm)	153	76	162	75	129	159
Plant date	May 19, 2021	May 17, 2021	May 21, 2021	May 25, 2021	May 15, 2021	May 14, 2021
Harvest date	Nov. 9, 2021	Oct. 20, 2021	Nov. 8, 2021	Oct. 19, 2021	Oct. 13, 2021	Nov. 4, 2021

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	Seed Trt	RM	Type	Table #	Variety	Seed Trt	RM	Type	Table #	Variety	Seed Trt	RM	Type	Table #
GROWMARK, Inc.					Shur Grow					Xitavo				
1701 Towanda Ave. 309-557-6399					59 Grief Parkway 800-231-7333					103 Avenue D 419-561-7008				
Bloomington, IL 61701 fsseed.app					Delaware, OH 43015 heritagecooperative.com					West Point, IA 52656 xitavosoybeanseed.com				
HS 24F00	AC+SA	2.4	XF	3	SG-2952E	DG	2.9	EN	3	XO 2472E	PV+I+OP	2.4	EN	3
HS 25E00	AC+SA	2.5	EN	3, 5	SG-2962XF	M+A+C	2.9	XF	3	XO 2832E	PV+I+OP	2.8	EN	3, 5
HS 27F10	AC+SA	2.7	XF	3, 5	SG-3152E	NONE	3.1	EN	3, 5	XO 2921E	PV+I+OP	2.9	EN	3, 5
HS 28E10	AC+SA	2.8	EN	3, 5	SG-3162XF	NONE	3.1	XF	3, 5	XO 3131E	PV+I+OP	3.1	EN	3, 5, 7
HS 31F10	AC+SA	3.1	XF	3, 5	SG-3352E	DG	3.3	EN	5	XO 3341E	PV+I+OP	3.3	EN	4, 5, 7
HS 32E00	AC+SA	3.2	EN	4, 5	SG-3452E	NONE	3.4	EN	6	XO 3402E	PV+I+OP	3.4	EN	4, 6, 7
HS 33F10	AC+SA	3.3	XF	4, 5	SG-3462XF	M+A+C	3.4	XF	6	XO 3651E	PV+I+OP	3.6	EN	4, 6, 7
HS 34E80	AC+SA	3.4	EN	4, 6	SG-3652E	NONE	3.6	EN	6, 7	XO 3752E	PV+I+OP	3.7	EN	4, 6, 8
HS 34F00	AC+SA	3.4	XF	4, 6	SG-3762XF	NONE	3.7	XF	6, 8	XO 3861E	PV+I+OP	3.8	EN	6, 8
HS 37E10	AC+SA	3.7	EN	4, 6	Stewart Seeds					XO 3922E	PV+I+OP	3.9	EN	6, 8
HS 38E90	AC+SA	3.8	EN	4, 6	306 N Main St 800-365-7333					XO 4132E	PV+I+OP	4.1	EN	6, 8
NK Seeds					Monticello, IN 47960 stewartseeds.com					XO 4371E	PV+I+OP	4.3	EN	8
2001 Butterfield Rd STE 1600 614-907-0698					3132XF	AC	3.1	XF	3	Seed Treatment Abbreviations AC– Acceleron IS– Intego Suite A– Apron L– Lumisena C– Cruiser M– Maxium CM– Cruiser Max N– N-Force Inoculant CO– Corteva 1020F OP– ObviusPlus DG– Drillkote Gold PV– Poncho/Votivo EC– Encase R– Rizolex ET– Eclipse US Trio-R75 SA– Saltro EVS– Equity VIP Saltro V– Vibrance H– Harpin Protein W– Warden CX I– llevo				
Downer's Grove, IL 60515 syngenta-us.com					3531XF	AC	3.5	XF	4, 6, 7					
NK31-M7E3	CM+V+SA	3.1	EN	5	3632XF	AC	3.6	XF	6, 7					
NK31-J9XF	CM+V+SA	3.1	XF	5	3731XF	AC	3.7	XF	4, 6, 8					
NK33-R4E3S	CM+V+SA	3.3	EN	5	4231XF	AC	4.2	XF	8					
Ohio Foundation Seeds, Inc.					University of Missouri									
11491 Foundation Rd 614-395-6709					PO Box 160, 147 St Hwy T 513-379-5431									
Croton, OH 43013					Portageville, MO 63873									
FG6	IS	3.7	CV	4, 6, 8	S17-2243C	W	4.5	CV	8					
Seed Consultants, Inc.					Wellman Seeds, Inc.									
648 Miami Trace Rd. 800-708-2676					23778 Jennings Delphos Rd 800-717-7333									
Washington CH, OH 43160 seedconsultants.com					Delphos, OH 45833 wellmanseeds.com									
SC7302E TM	L+I	3.0	EN	3, 5	W 6227E	EC	2.7	EN	3, 5, 7					
SC7311E TM	L+I	3.1	EN	3, 5	W 5928X	EC	2.8	X	3, 5, 7					
SC7322E TM	L+I	3.2	EN	4, 5, 7	W 6230E	EC	3.0	EN	3, 5, 7					
SC7341E TM	L+I	3.4	EN	4, 6, 7	W 7230XF	EC	3.0	XF	3, 5, 7					
SC7361E TM	L+I	3.6	EN	4, 6, 7	W 6131E	EC	3.1	EN	3, 5, 7					
SC7372E TM	L+I	3.7	EN	4, 6, 8	W 5932X	EC	3.2	X	4, 5, 7					
SC7381E TM	L+I	3.8	EN	6, 8	W 6133E	EC	3.3	EN	4, 5, 7					
					W 7233XF	EC	3.3	XF	4, 5, 7					
					W 6234E	EC	3.4	EN	4, 6, 7					
					W 5836X	EC	3.6	X	4, 6, 7					
					W 6237E	EC	3.7	EN	4, 6, 8					
					W 6138E	EC	3.8	EN	4, 6, 8					

TABLE 3: The 2021 Ohio Soybean Performance Trials, North Region - Early Varieties (RM 2.1-3.1)

Variety	Entry		Physical Characteristics				North Region Yield (bu/ac)			
	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	N1	N2	'21 Mean	'20-'21 Mean
E3151 E3	Ebberts Field Seeds, Inc.	EN	3.1	3068	34.3	19.7	44.1*	72.8*	58.5	56.8
O.3118N	Albert Lea Seed/Viking Corn & Soybeans	CV	3.1	2702	33.6	20.3	42.3*	73.0*	57.7	
26CN06	Advanced Genetics, Inc.	CV	2.6	3153	33.7	20.7	44.9*	69.2	57.1	
G3001E3	AgriGold	EN	3.0	2873	34.9	19.9	42.6*	71.2*	56.9	
Virtue V2922	GDM Seeds	CV	2.9	3110	33.6	21.1	47.7*	65.6	56.7	
SC7311E™	Seed Consultants, Inc.	EN	3.1	2987	34.5	19.8	35.2	76.2**	55.7	55.4
S31EN91	Dyna-Gro Seed	EN	3.1	2910	34.8	19.6	38.6	72.5*	55.6	54.3
SG-3152E	Shur Grow	EN	3.1	3027	34.3	20.0	37.9	72.9*	55.4	
W 5928X	Wellman Seeds, Inc.	X	2.8	2873	34.9	20.5	48.4**	62.0	55.2	56.1
Virtue V3122	GDM Seeds	CV	3.1	3243	37.1	19.1	42.2*	67.6	54.9	
E2960 E3	Ebberts Field Seeds, Inc.	EN	2.9	3068	34.8	19.8	39.6	69.9	54.8	
W 6230E	Wellman Seeds, Inc.	EN	3.0	3290	34.0	20.7	37.2	71.7*	54.5	
S2872N	Dyna-Gro Seed	CV	2.8	2987	31.7	21.0	41.5	67.0	54.3	
HS 25E00	Growmark, Inc.	EN	2.5	3027	34.1	21.2	42.0*	66.4	54.2	52.8
GH2722XF	Golden Harvest	XF	2.7	3027	35.3	20.1	37.0	69.2	53.1	
S29EN62	Dyna-Gro Seed	EN	2.9	2910	35.0	19.5	34.6	71.1*	52.9	
3132XF	Stewart Seeds	XF	3.1	2671	35.5	18.8	39.0	65.9	52.5	
G2750XF	AgriGold	XF	2.7	2948	35.2	19.7	39.1	65.1	52.1	
W 6131E	Wellman Seeds, Inc.	EN	3.1	2910	34.7	19.9	34.2	69.7	52.0	54.3
HS 27F10	Growmark, Inc.	XF	2.7	2838	35.2	19.6	42.2*	61.5	51.9	
W 7230XF	Wellman Seeds, Inc.	XF	3.0	3068	34.9	19.3	34.5	69.2	51.9	
3101RX	Advanced Genetics, Inc.	X	3.1	2910	35.2	19.1	34.2	69.0	51.6	51.5
W 6227E	Wellman Seeds, Inc.	EN	2.7	2910	34.0	20.6	37.3	65.5	51.4	
XO 2921E	Xitavo	EN	2.9	3197	34.0	20.5	35.0	67.7	51.4	52.5
XO 2832E	Xitavo	EN	2.8	2948	35.3	19.7	34.0	68.5	51.3	
O.2418N	Albert Lea Seed/Viking Corn & Soybeans	CV	2.4	3027	34.3	18.9	34.8	67.6	51.2	
3101GL	Advanced Genetics, Inc.	LLGT27	3.1	2467	34.7	20.4	34.6	66.8	50.7	52.6
HS 31F10	Growmark, Inc.	XF	3.1	2735	35.6	19.1	37.2	63.8	50.5	
S28XF92S	Dyna-Gro Seed	XF	2.8	2873	34.5	19.3	35.3	65.6	50.5	
GH2922E3	Golden Harvest	EN	2.9	3439	35.1	19.6	36.5	64.1	50.3	
HS 28E10	Growmark, Inc.	EN	2.8	2910	34.3	20.3	32.4	68.2	50.3	
XO 3131E	Xitavo	EN	3.1	2948	35.5	19.1	30.9	69.6	50.3	53.5
AG25XF1	Asgrow	XF	2.5	2735	36.1	19.3	33.5	66.9	50.2	
2801GL	Advanced Genetics, Inc.	LLGT27	2.8	3492	34.4	20.3	35.2	64.9	50.1	52.9
SG-2962XF	Shur Grow	XF	2.9	3153	37.2	18.1	38.4	61.7	50.1	
SG-2952E	Shur Grow	EN	2.9	2987	34.6	19.8	33.6	65.7	49.7	
O.2702	Albert Lea Seed/Viking Corn & Soybeans	CV	2.7	2735	35.2	20.4	31.7	67.2	49.5	
SC7302E™	Seed Consultants, Inc.	EN	3.0	3197	34.4	20.1	34.7	63.0	48.9	
GH3192XF	Golden Harvest	XF	3.1	3110	32.7	20.8	34.1	63.5	48.8	
AG27XF1	Asgrow	XF	2.7	2802	35.2	19.6	39.6	57.9	48.8	
312XF	Ebberts Field Seeds, Inc.	XF	3.1	2735	35.2	19.1	36.3	60.4	48.4	
S31XF82	Dyna-Gro Seed	XF	3.1	2873	36.1	19.2	37.3	58.8	48.1	
S28EN22	Dyna-Gro Seed	EN	2.8	3388	34.3	20.2	34.4	61.4	47.9	
HS 24F00	Growmark, Inc.	XF	2.4	2910	34.9	18.9	34.8	60.3	47.6	
XO 2472E	Xitavo	EN	2.4	3243	33.5	20.8	26.0	68.3	47.2	
GH3132E3	Golden Harvest	EN	3.1	3388	34.6	19.8	30.0	63.5	46.8	
AG24XF1	Asgrow	XF	2.4	2948	35.4	18.9	33.2	58.4	45.8	
KEY 1226GL	AGRA Solutions, LLC	LLGT27	2.6	3110	34.2	20.1	30.2	60.6	45.4	

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

TABLE 3: The 2021 Ohio Soybean Performance Trials, North Region - Early Varieties (RM 2.1-3.1)
CONTINUED FROM PREVIOUS PAGE

Variety	Entry Brand/Company Name	Type	Physical Characteristics				North Region Yield (bu/acre)			
			RM	Seeds/lb.	% Protein	% Oil	N1	N2	'21 Mean	'20-'21 Mean
AG21XF0	Asgrow	XF	2.1	3338	35.5	20.3	27.0	63.3	45.2	
282XF	Ebberts Field Seeds, Inc.	XF	2.8	3153	34.5	20.1	28.6	61.6	45.1	
G3030XF	AgriGold	XF	3.0	2987	36.5	18.5	32.8	55.3	44.1	
SG-3162XF	Shur Grow	XF	3.1	2948	35.3	18.8	26.4	55.0	40.7	
		Min	2.1	2467	31.7	18.1	26.0	55.0	40.7	
		Max	3.1	3492	37.2	21.2	48.4	76.2	58.5	
		Mean	2.9	2990	34.8	19.8	36.2	65.8	51.0	
		LSD (0.1)					6.5	5.1		
		CV					15.3	6.6		

TABLE 4: The 2021 Ohio Soybean Performance Trials, North Region - Late Varieties (RM 3.2-4.0)

Variety	Entry Brand/Company Name	Type	Physical Characteristics				North Region Yield (bu/ac)			
			RM	Seeds/lb.	% Protein	% Oil	N1	N2	'21 Mean	'20-'21 Mean
HS 37E10	Growmark, Inc.	EN	3.7	2768	34.9	20.6	49.8*	71.7**	60.8	
CZ 3309GTLL	Credenz	LLGT27	3.3	2838	35.5	19.7	50.4*	70.8*	60.6	54.4
XO 3752E	Xitavo	EN	3.7	2768	34.5	21.1	49.9*	68.6*	59.3	
SC7322E™	Seed Consultants, Inc.	EN	3.2	3068	35.1	19.6	46.9*	70.2*	58.6	
E3760 E3	Ebberts Field Seeds, Inc.	EN	3.7	2910	34.6	20.3	48.3*	68.7*	58.5	
372XF	Ebberts Field Seeds, Inc.	XF	3.7	3439	35.1	18.9	48.0*	67.7*	57.9	
E3460 E3	Ebberts Field Seeds, Inc.	EN	3.4	3027	33.7	21.1	46.8*	67.8*	57.3	
W 6234E	Wellman Seeds, Inc.	EN	3.4	3027	33.4	21.3	44.6	69.8*	57.2	
G3360XF	AgriGold	XF	3.3	3243	33.9	19.6	46.9*	67.0*	57.0	
DONMARIO DM32C52	GDM Seeds	CV	3.2	3290	36.8	19.1	47.7*	65.9	56.8	
S3681STS	Dyna-Gro Seed	CV, STS	3.6	2802	35.2	19.3	52.0**	61.5	56.8	53.0
SC7372E™	Seed Consultants, Inc.	EN	3.7	2910	35.8	19.5	46.1*	67.0*	56.6	
GH3442XF	Golden Harvest	XF	3.4	3153	34.6	19.9	41.1	71.2*	56.2	
W 6237E	Wellman Seeds, Inc.	EN	3.7	3153	34.8	19.7	41.4	70.6*	56.0	
9-732AE	Advanced Genetics, Inc.	EN	3.2	3153	35.2	19.7	42.6	69.3*	56.0	
CZ 3750GTLL	Credenz	LLGT27	3.7	3243	35.6	19.6	47.3*	64.5	55.9	54.7
GH3582E3	Golden Harvest	EN	3.5	2838	33.5	20.7	40.6	70.5*	55.6	52.3
W 5932X	Wellman Seeds, Inc.	X	3.2	2802	35.3	19.2	39.5	71.4*	55.5	53.4
HS 34E80	Growmark, Inc.	EN	3.4	2948	34.1	20.2	41.3	69.3*	55.3	52.4
W 5836X	Wellman Seeds, Inc.	X	3.6	2910	35.5	19.7	44.5	65.6	55.1	55.9
XO 3402E	Xitavo	EN	3.4	3068	34.1	20.9	39.0	69.6*	54.3	
W 6138E	Wellman Seeds, Inc.	EN	3.8	3290	33.9	20.1	43.4	65.0	54.2	53.7
S33ES42	Dyna-Gro Seed	EN	3.3	3110	34.2	20.9	39.4	68.7*	54.1	
DONMARIO DM37C62S	GDM Seeds	CV	3.7	2838	33.9	20.0	46.0*	61.5	53.8	
9-734AE	Advanced Genetics, Inc.	EN	3.4	3243	34.8	20.2	49.5*	57.9	53.7	
W 6133E	Wellman Seeds, Inc.	EN	3.3	3290	33.9	19.8	42.6	64.0	53.3	52.9
HS 32E00	Growmark, Inc.	EN	3.2	3153	34.1	20.4	40.4	66.0	53.2	53.7
XO 3341E	Xitavo	EN	3.3	3153	34.6	19.9	41.2	64.7	53.0	51.2
3531XF	Stewart Seeds	XF	3.5	3153	34.6	20.3	41.3	64.4	52.9	
3303RX	Advanced Genetics, Inc.	X	3.3	3243	34.2	19.3	44.2	61.4	52.8	51.7
W 7233XF	Wellman Seeds, Inc.	XF	3.3	3068	34.6	19.1	42.2	62.7	52.5	
AG38XF1	Asgrow	XF	3.8	2768	34.3	19.7	47.3*	57.3	52.3	
9-737AE	Advanced Genetics, Inc.	EN	3.7	3290	34.1	20.3	40.1	64.0	52.1	

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

TABLE 4: The 2021 Ohio Soybean Performance Trials, North Region - Late Varieties (RM 3.2-4.0)
CONTINUED FROM PREVIOUS PAGE

Entry			Physical Characteristics				North Region Yield (bu/acre)			
Variety	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	N1	N2	'21 Mean	'20-'21 Mean
E3350 E3	Ebberts Field Seeds, Inc.	EN	3.3	3290	33.4	20.1	37.9	66.1	52.0	51.4
S32EN01	Dyna-Gro Seed	EN	3.2	3110	34.1	20.2	38.9	64.0	51.5	51.6
E3560 E3	Ebberts Field Seeds, Inc.	EN	3.5	3439	33.6	20.0	35.8	66.8	51.3	
3601RX	Advanced Genetics, Inc.	X	3.6	2873	35.0	20.0	41.8	60.4	51.1	52.1
HS 38E90	Growmark, Inc.	EN	3.8	3197	33.3	20.7	36.9	65.3	51.1	49.8
3801RX	Advanced Genetics, Inc.	X	3.8	3873	35.6	19.4	45.5	56.3	50.9	
SC7341E™	Seed Consultants, Inc.	EN	3.4	3243	32.8	21.4	39.4	61.9	50.7	50.0
3731XF	Stewart Seeds	XF	3.7	2948	36.1	18.6	41.8	58.3	50.1	
XO 3651E	Xitavo	EN	3.6	3197	34.3	20.1	33.9	65.9	49.9	
352XF	Ebberts Field Seeds, Inc.	XF	3.5	3243	32.8	20.7	40.8	57.5	49.2	
HS 34F00	Growmark, Inc.	XF	3.4	3547	34.2	20.1	42.8	55.3	49.1	
S35XF72	Dyna-Gro Seed	XF	3.5	3197	34.5	20.4	37.4	59.1	48.3	
S35ES82	Dyna-Gro Seed	EN	3.5	2948	32.8	20.3	30.6	65.0	47.8	
DONMARIO DM36F62S	GDM Seeds	XF	3.6	3338	33.1	20.0	38.3	57.0	47.7	
AG35XF1	Asgrow	XF	3.5	2948	35.1	20.5	41.9	52.9	47.4	
SC7361E™	Seed Consultants, Inc.	EN	3.6	2768	34.9	19.9	34.3	56.5	45.4	
DONMARIO DM40E62	GDM Seeds	EN	4.0	2948	36.3	19.4	41.1	49.6	45.4	
FG6	Ohio Foundation Seeds, Inc.	CV	3.7	2162	38.1	18.3	43.3	47.0	45.2	
3501RX	Advanced Genetics, Inc.	X	3.5	2948	35.3	19.9	33.2	54.9	44.1	
HS 33F10	Growmark, Inc.	XF	3.3	2987	34.8	19.5	36.3	51.7	44.0	
DONMARIO DM38F42S	GDM Seeds	XF	3.8	2987	35.4	19.7	38.7	47.5	43.1	
		Min	3.2	2162	32.8	18.3	30.6	47.0	43.1	
		Max	4.0	3873	38.1	21.4	52.0	71.7	60.8	
		Mean	3.5	3077	34.6	20.0	42.3	63.2	52.8	
		LSD (0.1)					7.3	4.8		
		CV					14.7	6.5		

TABLE 5: The 2021 Ohio Soybean Performance Trials, Central Region - Early Varieties (RM 2.4-3.3)

Entry			Physical Characteristics				Central Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	C1	C2	'21 Mean	'20-'21 Mean
E3151 E3	Ebberts Field Seeds, Inc.	EN	3.1	3068	34.3	19.7	78.9*	59.7**	69.3	62.9
E3350 E3	Ebberts Field Seeds, Inc.	EN	3.3	3290	33.4	20.1	83.2**	54.9*	69.1	64.5
HS 32E00	Growmark, Inc.	EN	3.2	3153	34.1	20.4	80.0*	57.6*	68.8	64.4
SC7322E™	Seed Consultants, Inc.	EN	3.2	3068	35.1	19.6	81.3*	55.3*	68.3	
G3360XF	AgriGold	XF	3.3	3243	33.9	19.6	78.4	56.9*	67.7	
GH3192XF	Golden Harvest	XF	3.1	3110	32.7	20.8	81.1*	53.7	67.4	
S32EN01	Dyna-Gro Seed	EN	3.2	3110	34.1	20.2	80.8*	53.6	67.2	65.5
XO 3341E	Xitavo	EN	3.3	3153	34.6	19.9	80.0*	52.7	66.4	63.5
O.3118N	Albert Lea Seed/Viking Corn & Soybeans	CV	3.1	2702	33.6	20.3	74.3	58.3*	66.3	
SC7302E™	Seed Consultants, Inc.	EN	3.0	3197	34.4	20.1	81.4*	50.9	66.2	
NK31-M7E3	NK Seeds	EN	3.1	3197	34.2	20.1	79.6*	52.2	65.9	
E2960 E3	Ebberts Field Seeds, Inc.	EN	2.9	3068	34.8	19.8	74.4	57.3*	65.9	
Virtue V2922	GDM Seeds	CV	2.9	3110	33.6	21.1	74.2	57.5*	65.9	
G3001E3	AgriGold	EN	3.0	2873	34.9	19.9	77.3	53.8*	65.6	
S31EN91	Dyna-Gro Seed	EN	3.1	2910	34.8	19.6	76.8	54.2*	65.5	63.2
SC7311E™	Seed Consultants, Inc.	EN	3.1	2987	34.5	19.8	80.3*	50.6	65.5	62.2
W 5932X	Wellman Seeds, Inc.	X	3.2	2802	35.3	19.2	72.5	58.4*	65.5	

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

TABLE 5: The 2021 Ohio Soybean Performance Trials, Central Region - Early Varieties (RM 2.4-3.3)

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Entry			Physical Characteristics				Central Region Yield (bu/acre)			
Variety	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	C1	C2	'21 Mean	'20-'21 Mean
W 6133E	Wellman Seeds, Inc.	EN	3.3	3290	33.9	19.8	79.0*	51.3	65.2	64.5
W 6230E	Wellman Seeds, Inc.	EN	3.0	3290	34.0	20.7	75.2	54.9*	65.1	
XO 3131E	Xitavo	EN	3.1	2948	35.5	19.1	73.6	56.1*	64.9	61.4
NK33-R4E3S	NK Seeds	EN	3.3	3110	34.3	20.6	74.6	55.0*	64.8	
W 6131E	Wellman Seeds, Inc.	EN	3.1	2910	34.7	19.9	76.3	52.2	64.3	62.1
SG-3352E	Shur Grow	EN	3.3	3110	34.6	19.8	74.9	53.5	64.2	
GH3132E3	Golden Harvest	EN	3.1	3388	34.6	19.8	77.7	50.2	64.0	
3303RX	Advanced Genetics, Inc.	X	3.3	3243	34.2	19.3	75.1	52.6	63.9	61.2
HS 28E10	Growmark, Inc.	EN	2.8	2910	34.3	20.3	74.3	52.7	63.5	
GH2922E3	Golden Harvest	EN	2.9	3439	35.1	19.6	75.8	50.8	63.3	
W 5928X	Wellman Seeds, Inc.	X	2.8	2873	34.9	20.5	71.4	55.0*	63.2	60.8
NK31-J9XF	NK Seeds	XF	3.1	3068	33.5	20.7	74.8	51.5	63.2	
GH2722XF	Golden Harvest	XF	2.7	3027	35.3	20.1	72.3	53.8*	63.1	
SG-3152E	Shur Grow	EN	3.1	3027	34.3	20.0	69.2	56.9*	63.1	
S33ES42	Dyna-Gro Seed	EN	3.3	3110	34.2	20.9	72.1	53.9*	63.0	
XO 2921E	Xitavo	EN	2.9	3197	34.0	20.5	74.6	51.4	63.0	59.9
AG27XF1	Asgrow	XF	2.7	2802	35.2	19.6	73.2	51.4	62.3	
G3030XF	AgriGold	XF	3.0	2987	36.5	18.5	73.3	51.2	62.3	
HS 25E00	Growmark, Inc.	EN	2.5	3027	34.1	21.2	75.8	48.1	62.0	57.6
3101RX	Advanced Genetics, Inc.	X	3.1	2910	35.2	19.1	69.7	53.3	61.5	60.5
W 6227E	Wellman Seeds, Inc.	EN	2.7	2910	34.0	20.6	71.9	50.2	61.1	
AG25XF1	Asgrow	XF	2.5	2735	36.1	19.3	73.0	49.0	61.0	
CZ 3309GTLL	Credenz	LLGT27	3.3	2838	35.5	19.7	75.2	46.8	61.0	60.0
W 7230XF	Wellman Seeds, Inc.	XF	3.0	3068	34.9	19.3	71.5	50.5	61.0	
W 7233XF	Wellman Seeds, Inc.	XF	3.3	3068	34.6	19.1	67.9	54.1*	61.0	
Virtue V3122	GDM Seeds	CV	3.1	3243	37.1	19.1	69.1	52.8	61.0	
DONMARIO DM32C52	GDM Seeds	CV	3.2	3290	36.8	19.1	70.1	51.7	60.9	
282XF	Ebberts Field Seeds, Inc.	XF	2.8	3153	34.5	20.1	68.7	53.0	60.9	
SG-3162XF	Shur Grow	XF	3.1	2948	35.3	18.8	69.3	52.3	60.8	
HS 31F10	Growmark, Inc.	XF	3.1	2735	35.6	19.1	73.5	47.7	60.6	
312XF	Ebberts Field Seeds, Inc.	XF	3.1	2735	35.2	19.1	68.8	51.6	60.2	
HS 27F10	Growmark, Inc.	XF	2.7	2838	35.2	19.6	68.7	51.6	60.2	
XO 2832E	Xitavo	EN	2.8	2948	35.3	19.7	73.8	46.5	60.2	
HS 33F10	Growmark, Inc.	XF	3.3	2987	34.8	19.5	72.2	48.0	60.1	
AG24XF1	Asgrow	XF	2.4	2948	35.4	18.9	68.4	51.5	60.0	
S31XF82	Dyna-Gro Seed	XF	3.1	2873	36.1	19.2	68.5	51.1	59.8	
9-732AE	Advanced Genetics, Inc.	EN	3.2	3153	35.2	19.7	66.6	52.2	59.4	56.5
S28XF92S	Dyna-Gro Seed	XF	2.8	2873	34.5	19.3	63.0	47.9	55.5	
		Min	2.4	2702	32.7	18.5	63.0	46.5	55.5	
		Max	3.3	3439	37.1	21.1	83.2	59.7	69.3	
		Mean	3.0	3037	34.7	19.8	74.1	52.8	63.5	
		LSD (0.1)					4.5	5.9		
		CV					5.2	9.5		

TABLE 6: The 2021 Ohio Soybean Performance Trials, Central Region - Late Varieties (RM 3.4-4.1)

Entry			Physical Characteristics				Central Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	C1	C2	'21 Mean	'20-'21 Mean
GH3762E3S	Golden Harvest	EN	3.7	3153	34.5	20.5	74.3	62.9**	68.6	
XO 3651E	Xitavo	EN	3.6	3197	34.3	20.1	74.6	62.4*	68.5	64.5
SC7341E™	Seed Consultants, Inc.	EN	3.4	3243	32.8	21.4	79.3*	56.9	68.1	64.8
3531XF	Stewart Seeds	XF	3.5	3153	34.6	20.3	76.1	59.7*	67.9	
S37ES52	Dyna-Gro Seed	EN	3.7	2873	34.7	20.7	76.2*	58.7*	67.5	
XO 3752E	Xitavo	EN	3.7	2768	34.5	21.1	74.2	60.1*	67.2	
XO 3861E	Xitavo	EN	3.8	2948	34.8	20.1	74.8	59.3*	67.1	64.2
3801RX	Advanced Genetics, Inc.	X	3.8	2873	35.6	19.4	74.5	59.5*	67.0	66.0
E3960 E3	Ebberts Field Seeds, Inc.	EN	3.9	3110	33.7	19.8	75.8	58.2*	67.0	
HS 38E90	Growmark, Inc.	EN	3.8	3197	33.3	20.7	75.7	58.3*	67.0	62.9
352XF	Ebberts Field Seeds, Inc.	XF	3.5	3243	32.8	20.7	73.2	60.7*	67.0	
W 6138E	Wellman Seeds, Inc.	EN	3.8	3290	33.9	20.1	75.5	58.0*	66.8	65.3
E3760 E3	Ebberts Field Seeds, Inc.	EN	3.7	2910	34.6	20.3	75.4	57.8*	66.6	
XO 3922E	Xitavo	EN	3.9	3110	33.9	19.9	78.7*	54.4	66.6	
AG38XF1	Asgrow	XF	3.8	2768	34.3	19.7	75.1	57.9*	66.5	
XO 4132E	Xitavo	EN	4.1	3439	32.6	19.7	71.9	60.7*	66.3	
HS 37E10	Growmark, Inc.	EN	3.7	2768	34.9	20.6	75.2	57.4*	66.3	
XO 3402E	Xitavo	EN	3.4	3068	34.1	20.9	71.4	61.1*	66.3	
S35XF72	Dyna-Gro Seed	XF	3.5	3197	34.5	20.4	72.7	59.5*	66.1	
S35ES82	Dyna-Gro Seed	EN	3.5	2948	32.8	20.3	73.6	58.4*	66.0	
GH3732XF	Golden Harvest	XF	3.7	2987	32.7	19.8	80.1**	51.6	65.9	
SG-3652E	Shur Grow	EN	3.6	2910	34.6	20.8	73.2	57.9*	65.6	
372XF	Ebberts Field Seeds, Inc.	XF	3.7	3439	35.1	18.9	70.7	60.3*	65.5	
CZ 3930GTLL	Credenz	LLGT27	3.9	2838	33.0	20.4	77.0*	53.7	65.4	63.4
S3681STS	Dyna-Gro Seed	CV, STS	3.6	2802	35.2	19.3	70.8	59.8*	65.3	65.1
AG35XF1	Asgrow	XF	3.5	2948	35.1	20.5	70.4	59.6*	65.0	
G3451E3	AgriGold	EN	3.4	3110	34.3	20.8	71.4	58.5*	65.0	
SC7381E™	Seed Consultants, Inc.	EN	3.8	3388	34.6	19.6	75.9	54.0	65.0	61.8
CZ 3750GTLL	Credenz	LLGT27	3.7	3243	35.6	19.6	73.5	55.9	64.7	63.6
NK35-J6E3S	NK Seeds	EN	3.5	2987	33.2	20.6	73.2	55.8	64.5	
HS 34F00	Growmark, Inc.	XF	3.4	3547	34.2	20.1	71.1	57.7*	64.4	
9-737AE	Advanced Genetics, Inc.	EN	3.7	3290	34.1	20.3	76.7*	51.8	64.3	60.8
DONMARIO DM36F62S	GDM Seeds	XF	3.6	3338	33.1	20.0	68.0	60.3*	64.2	
SG-3462XF	Shur Grow	XF	3.4	3027	35.0	18.4	67.2	60.9*	64.1	
W 6234E	Wellman Seeds, Inc.	EN	3.4	3027	33.4	21.3	70.0	58.1*	64.1	
SG-3452E	Shur Grow	EN	3.4	2987	34.1	20.9	69.3	58.7*	64.0	
Virtue V4122S	GDM Seeds	CV	4.1	2640	35.3	19.4	69.9	57.7*	63.8	
9-734AE	Advanced Genetics, Inc.	EN	3.4	3243	34.8	20.2	72.1	55.2	63.7	
3731XF	Stewart Seeds	XF	3.7	2948	36.1	18.6	71.4	55.6	63.5	
DONMARIO DM40E62	GDM Seeds	EN	4.0	2948	36.3	19.4	69.3	57.6	63.5	
GH3442XF	Golden Harvest	XF	3.4	3153	34.6	19.9	70.2	56.2	63.2	
SC7372E™	Seed Consultants, Inc.	EN	3.7	2910	35.8	19.5	74.7	51.7	63.2	
W 6237E	Wellman Seeds, Inc.	EN	3.7	3153	34.8	19.7	73.1	53.3	63.2	
W 5836X	Wellman Seeds, Inc.	X	3.6	2910	35.5	19.7	70.5	55.5	63.0	61.8
E3460 E3	Ebberts Field Seeds, Inc.	EN	3.4	3027	33.7	21.1	67.3	58.2	62.8	
DONMARIO DM37C62S	GDM Seeds	CV	3.7	2838	33.9	20.0	69.4	55.7	62.6	
E3560 E3	Ebberts Field Seeds, Inc.	EN	3.5	3439	33.6	20.0	74.6	50.5	62.6	

NOTE: Central Region, Late Variety Trial Results are Continued on the Next Page.

TABLE 6: The 2021 Ohio Soybean Performance Trials, Central Region - Late Varieties (RM 3.4-4.1)
CONTINUED FROM PREVIOUS PAGE

Entry			Physical Characteristics				Central Region Yield (bu/acre)			
Variety	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	C1	C2	'21 Mean	'20-'21 Mean
3501RX	Advanced Genetics, Inc.	X	3.5	2948	35.3	19.9	73.2	51.3	62.3	60.0
SG-3762XF	Shur Grow	XF	3.7	3197	35.5	18.6	72.5	51.6	62.1	
HS 34E80	Growmark, Inc.	EN	3.4	2948	34.1	20.2	71.8	51.7	61.8	60.7
3601RX	Advanced Genetics, Inc.	X	3.6	2873	35.0	20.0	68.9	52.9	60.9	62.2
G3490XF	AgriGold	XF	3.4	3388	34.0	19.7	69.4	52.3	60.9	
3632XF	Stewart Seeds	XF	3.6	3243	34.7	19.6	69.0	52.4	60.7	
S36XF12	Dyna-Gro Seed	XF	3.6	2838	35.7	19.5	70.8	50.4	60.6	
SC7361E™	Seed Consultants, Inc.	EN	3.6	2768	34.9	19.9	72.3	48.6	60.5	61.4
G3506XF	AgriGold	XF	3.5	2987	35.2	19.8	69.3	51.3	60.3	
GH3582E3	Golden Harvest	EN	3.5	2838	33.5	20.7	70.6	47.3	59.0	57.4
DONMARIO DM38F42S	GDM Seeds	XF	3.8	2987	35.4	19.7	60.0	56.1	58.1	
FG6	Ohio Foundation Seeds, Inc.	CV	3.7	2162	38.1	18.3	62.3	41.0	51.7	
		Min	3.4	2162	32.6	18.3	60.0	41.0	51.7	
		Max	4.1	3547	38.1	21.4	80.1	62.9	68.6	
		Mean	3.6	3043	34.5	20.0	72.4	56.1	64.2	
		LSD (0.1)					3.9	5.6		
		CV					4.6	8.4		

TABLE 7: The 2021 Ohio Soybean Performance Trials, South Region - Early Varieties (RM 2.7-3.6)

Entry			Physical Characteristics				South Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	S1	S2	'21 Mean	'20-'21 Mean
S3681STS	Dyna-Gro Seed	CV, STS	3.6	2802	35.2	19.3	75.3**	80.0*	77.7	74.4
G3649E3	AgriGold	EN	3.6	3243	34.7	19.9	73.0*	81.1*	77.1	
AG35XF1	Asgrow	XF	3.5	2948	35.1	20.5	75.1*	78.2	76.7	
SC7341E™	Seed Consultants, Inc.	EN	3.4	3243	32.8	21.4	74.3*	78.5	76.4	77.1
CZ 3309GTLL	Credenz	LLGT27	3.3	2838	35.5	19.7	68.1	84.0**	76.1	76.7
Virtue V2922	GDM Seeds	CV	2.9	3110	33.6	21.1	71.8*	79.4	75.6	
352XF	Ebberts Field Seeds, Inc.	XF	3.5	3243	32.8	20.7	68.4	82.6*	75.5	
SG-3652E	Shur Grow	EN	3.6	2910	34.6	20.8	71.3*	78.8	75.1	
3531XF	Stewart Seeds	XF	3.5	3153	34.6	20.3	74.3*	75.4	74.9	
SC7361E™	Seed Consultants, Inc.	EN	3.6	2768	34.9	19.9	69.4	77.6	73.5	73.1
GH3442XF	Golden Harvest	XF	3.4	3153	34.6	19.9	72.3*	74.5	73.4	
XO 3651E	Xitavo	EN	3.6	3197	34.3	20.1	66.9	79.5	73.2	74.6
SC7322E™	Seed Consultants, Inc.	EN	3.2	3068	35.1	19.6	70.9*	75.4	73.2	
W 5932X	Wellman Seeds, Inc.	X	3.2	2802	35.3	19.2	69.3	76.9	73.1	
XO 3131E	Xitavo	EN	3.1	2948	35.5	19.1	72.5*	73.5	73.0	73.1
DONMARIO DM36F62S	GDM Seeds	XF	3.6	3338	33.1	20.0	68.3	77.0	72.7	
Virtue V3122	GDM Seeds	CV	3.1	3243	37.1	19.1	67.1	77.7	72.4	
W 6131E	Wellman Seeds, Inc.	EN	3.1	2910	34.7	19.9	66.9	77.1	72.0	71.4
G3451E3	AgriGold	EN	3.4	3110	34.3	20.8	70.2*	73.7	72.0	
DONMARIO DM32C52	GDM Seeds	CV	3.2	3290	36.8	19.1	67.8	75.8	71.8	
XO 3402E	Xitavo	EN	3.4	3068	34.1	20.9	68.2	75.1	71.7	
W 7230XF	Wellman Seeds, Inc.	XF	3.0	3068	34.9	19.3	68.6	74.5	71.6	
XO 3341E	Xitavo	EN	3.3	3153	34.6	19.9	67.7	75.3	71.5	72.1
W 6230E	Wellman Seeds, Inc.	EN	3.0	3290	34.0	20.7	63.7	78.9	71.3	
W 5928X	Wellman Seeds, Inc.	X	2.8	2873	34.9	20.5	70.6*	70.6	70.6	72.3
W 6133E	Wellman Seeds, Inc.	EN	3.3	3290	33.9	19.8	70.6*	70.3	70.5	68.6
W 6234E	Wellman Seeds, Inc.	EN	3.4	3027	33.4	21.3	66.2	73.7	70.0	
S33ES42	Dyna-Gro Seed	EN	3.3	3110	34.2	20.9	66.7	73.1	69.9	
E3560 E3	Ebberts Field Seeds, Inc.	EN	3.5	3439	33.6	20.0	63.1	76.2	69.7	
W 7233XF	Wellman Seeds, Inc.	XF	3.3	3068	34.6	19.1	69.1	70.2	69.7	
E3460 E3	Ebberts Field Seeds, Inc.	EN	3.4	3027	33.7	21.1	64.1	75.0	69.6	
W 5836X	Wellman Seeds, Inc.	X	3.6	2910	35.5	19.7	67.9	70.6	69.3	72.0
GH3582E3	Golden Harvest	EN	3.5	2838	33.5	20.7	62.2	76.0	69.1	72.0

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

TABLE 7: The 2021 Ohio Soybean Performance Trials, South Region - Early Varieties (RM 2.7-3.6)
CONTINUED FROM PREVIOUS PAGE

Variety	Entry Brand/Company Name	Type	Physical Characteristics				South Region Yield (bu/ac)			
			RM	Seeds/lb.	% Protein	% Oil	S1	S2	'21 Mean	'20-'21 Mean
W 6227E	Wellman Seeds, Inc.	EN	2.7	2910	34.0	20.6	65.2	71.5	68.4	
S36XF12	Dyna-Gro Seed	XF	3.6	2838	35.7	19.5	68.3	67.0	67.7	
G3506XF	AgriGold	XF	3.5	2987	35.2	19.8	66.4	68.2	67.3	
3632XF	Stewart Seeds	XF	3.6	3243	34.7	19.6	64.0	68.4	66.2	
S35ES82	Dyna-Gro Seed	EN, STS	3.5	2948	32.8	20.3	66.1	63.7	64.9	
		Min	2.7	2768	32.8	19.1	62.2	63.7	64.9	
		Max	3.6	3439	37.7	21.4	75.3	82.6	77.7	
		Mean	3.3	3063	34.5	20.1	68.8	74.9	71.9	
		LSD (0.1)					5.7	4.0		
		CV					7.0	4.5		

TABLE 8: The 2021 Ohio Soybean Performance Trials, South Region - Late Varieties (RM 3.7-4.5)

Variety	Entry Brand/Company Name	Type	Physical Characteristics				South Region Yield (bu/ac)			
			RM	Seeds/lb.	% Protein	% Oil	S1	S2	'21 Mean	'20-'21 Mean
CZ 3930GTLL	Credenz	LLGT27	3.9	2838	33.0	20.4	78.1**	87.3*	82.7	79.9
S37ES52	Dyna-Gro Seed	EN, STS	3.7	2873	34.7	20.7	76.7*	87.2*	82.0	
XO 4132E	Xitavo	EN	4.1	3439	32.6	19.7	73.1	88.2**	80.7	
XO 3752E	Xitavo	EN	3.7	2768	34.5	21.1	76.9*	83.5*	80.2	
S41EN72	Dyna-Gro Seed	EN	4.1	3290	33.1	19.8	72.9	85.5*	79.2	
S39XF41	Dyna-Gro Seed	XF	3.9	2735	36.0	18.5	74.0*	84.1*	79.1	
GH3732XF	Golden Harvest	XF	3.7	2987	32.7	19.8	72.7	83.8*	78.3	
GH3762E3S	Golden Harvest	EN, STS	3.7	3153	34.5	20.5	74.6*	81.7	78.2	
Virtue V4122S	GDM Seeds	CV	4.1	2640	35.3	19.4	75.1*	80.5	77.8	
AG38XF1	Asgrow	XF	3.8	2768	34.3	19.7	72.9	82.1	77.5	
G3957E3	AgriGold	EN	3.9	3290	32.1	20.6	73.6	81.1	77.4	
NK37-V4E3S	NK Seeds	EN	3.7	2987	34.4	19.9	73.0	81.6	77.3	
S39EN19	Dyna-Gro Seed	EN	3.9	2768	35.1	19.1	70.6	83.6*	77.1	71.7
E3760 E3	Ebberts Field Seeds, Inc.	EN	3.7	2910	34.6	20.3	72.6	81.6	77.1	
S17-2243C	Univ of Missouri	CV	4.5	3492	34.0	19.1	70.9	83.0	77.0	
XO 4371E	Xitavo	EN	4.3	3110	34.9	20.0	72.5	80.4	76.5	77.3
NK40-U7E3	NK Seeds	EN	4.0	3847	35.1	18.9	73.1	79.6	76.4	
W 6138E	Wellman Seeds, Inc.	EN	3.8	3290	33.9	20.1	72.3	80.2	76.3	74.0
XO 3861E	Xitavo	EN	3.8	2948	34.8	20.1	73.8	77.5	75.7	78.2
SC7372E™	Seed Consultants, Inc.	EN	3.7	2910	35.8	19.5	68.6	81.9	75.3	
4231XF	Stewart Seeds	XF	4.2	2948	36.1	18.6	72.3	78.1	75.2	
E3960 E3	Ebberts Field Seeds, Inc.	EN	3.9	3110	33.7	19.8	69.2	81.1	75.2	
DONMARIO DM37C62S	GDM Seeds	CV	3.7	2838	33.9	20.0	69.8	80.2	75.0	
XO 3922E	Xitavo	EN	3.9	3110	33.9	19.9	70.9	79.1	75.0	
W 6237E	Wellman Seeds, Inc.	EN	3.7	3153	34.8	19.7	65.9	82.6	74.3	
SC7381E™	Seed Consultants, Inc.	EN	3.8	3388	34.6	19.6	71.7	75.0	73.4	74.9
SG-3762XF	Shur Grow	XF	3.7	3197	35.5	18.6	68.0	77.7	72.9	
DONMARIO DM40E62	GDM Seeds	EN	4.0	2948	36.3	19.4	70.8	74.8	72.8	
CZ 3750GTLL	Credenz	LLGT27	3.7	3243	35.6	19.6	66.6	78.6	72.6	73.6
AG40XF0	Asgrow	XF	4.0	3338	35.9	18.8	70.5	72.7	71.6	
G3990XF	AgriGold	XF	3.9	2838	35.1	19.4	72.3	70.8	71.6	
FG6	Ohio Foundation Seeds, Inc.	CV	3.7	2162	38.1	18.3	65.2	77.2	71.2	
372XF	Ebberts Field Seeds, Inc.	XF	3.7	3439	35.1	18.9	65.0	75.5	70.3	
3731XF	Stewart Seeds	XF	3.7	2948	36.1	18.6	69.2	71.1	70.2	
DONMARIO DM38F42S	GDM Seeds	XF	3.8	2987	35.4	19.7	67.4	68.7	68.1	
		Min	3.7	2162	32.1	18.3	65.0	68.7	68.1	
		Max	4.5	3847	38.1	21.1	78.1	88.2	82.7	
		Mean	3.9	3048	34.7	19.6	71.5	79.9	75.7	
		LSD (0.1)					4.7	4.7		
		CV					5.6	5.0		