



**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 region 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.

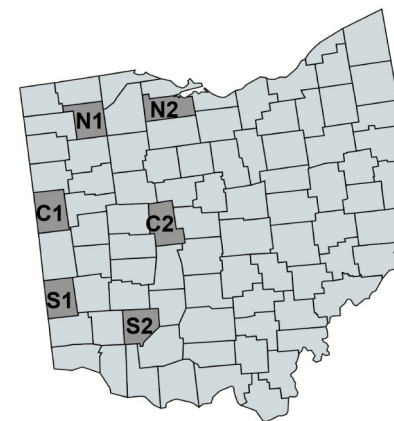


Table 1: The 2021 Ohio Soybean Performance Trials, Site Descriptions

	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		Oct. 20, 2021		Oct. 19, 2021	Oct. 13, 2021	

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
SC7311E™	Seed Consultants, Inc.	EN	3.1					76.2**		
O.3118N	Albert Lea Seed/Viking Corn & Soybeans	CV	3.1					73.0*		
SG-3152E	Shur Grow	EN	3.1					72.9*		
E3151 E3	Ebberts Field Seeds, Inc.	EN	3.1					72.8*		
S31EN91	Dyna-Gro Seed	EN	3.1					72.5*		
W 6230E	Wellman Seeds, Inc.	EN	3.0					71.7*		
G3001E3	AgriGold	EN	3.0					71.2*		
S29EN62	Dyna-Gro Seed	EN	2.9					71.1*		
E2960 E3	Ebberts Field Seeds, Inc.	EN	2.9					69.9		
W 6131E	Wellman Seeds, Inc.	EN	3.1					69.7		
XO 3131E	Xitavo	EN	3.1					69.6		
26CN06	Advanced Genetics, Inc.	CV	2.6					69.2		
GH2722XF	Golden Harvest	XF	2.7					69.2		
W 7230XF	Wellman Seeds, Inc.	XF	3.0					69.2		
3101RX	Advanced Genetics, Inc.	X	3.1					69.0		
XO 2832E	Xitavo	EN	2.8					68.5		
XO 2472E	Xitavo	EN	2.4					68.3		
HS 28E10	Growmark, Inc.	EN	2.8					68.2		
XO 2921E	Xitavo	EN	2.9					67.7		
O.2418N	Albert Lea Seed/Viking Corn & Soybeans	CV	2.4					67.6		
Virtue V3122	GDM Seeds	CV	3.1					67.6		
O.2702	Albert Lea Seed/Viking Corn & Soybeans	CV	2.7					67.2		
S2872N	Dyna-Gro Seed	CV	2.8					67.0		
AG25XF1	Asgrow	XF	2.5					66.9		
3101GL	Advanced Genetics, Inc.	LLGT27	3.1					66.8		
HS 25E00	Growmark, Inc.	EN	2.5					66.4		
3132XF	Stewart Seeds	XF	3.1					65.9		
SG-2952E	Shur Grow	EN	2.9					65.7		
S28XF92S	Dyna-Gro Seed	XF	2.8					65.6		
Virtue V2922	GDM Seeds	CV	2.9					65.6		
W 6227E	Wellman Seeds, Inc.	EN	2.7					65.5		
G2750XF	AgriGold	XF	2.7					65.1		
2801GL	Advanced Genetics, Inc.	LLGT27	2.8					64.9		
GH2922E3	Golden Harvest	EN	2.9					64.1		
HS 31F10	Growmark, Inc.	XF	3.1					63.8		
GH3132E3	Golden Harvest	EN	3.1					63.5		
GH3192XF	Golden Harvest	XF	3.1					63.5		
AG21XF0	Asgrow	XF	2.1					63.3		
SC7302E™	Seed Consultants, Inc.	EN	3.0					63.0		
W 5928X	Wellman Seeds, Inc.	X	2.8					62.0		
SG-2962XF	Shur Grow	XF	2.9					61.7		
282XF	Ebberts Field Seeds, Inc.	XF	2.8					61.6		
HS 27F10	Growmark, Inc.	XF	2.7					61.5		
S28EN22	Dyna-Gro Seed	EN	2.8					61.4		
KEY 1226GL	AGRA Solutions, LLC	LLGT27	2.6					60.6		
312XF	Ebberts Field Seeds, Inc.	XF	3.1					60.4		
HS 24F00	Growmark, Inc.	XF	2.4					60.3		
S31XF82	Dyna-Gro Seed	XF	3.1					58.8		

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
AG24XF1	Asgrow	XF	2.4				58.4		
AG27XF1	Asgrow	XF	2.7				57.9		
G3030XF	AgriGold	XF	3.0				55.3		
SG-3162XF	Shur Grow	XF	3.1				55.0		
		Min	2.1				55.0		
		Max	3.1				76.2		
		Mean	2.9				65.8		
		LSD (0.1)					5.1		
		CV					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
HS 37E10	Growmark, Inc.	EN	3.7				71.7**		
W 5932X	Wellman Seeds, Inc.	X	3.2				71.4*		
GH3442XF	Golden Harvest	XF	3.4				71.2*		
CZ 3309GTLL	Credenz	LLGT27	3.3				70.8*		
W 6237E	Wellman Seeds, Inc.	EN	3.7				70.6*		
GH3582E3	Golden Harvest	EN	3.5				70.5*		
SC7322E™	Seed Consultants, Inc.	EN	3.2				70.2*		
W 6234E	Wellman Seeds, Inc.	EN	3.4				69.8*		
XO 3402E	Xitavo	EN	3.4				69.6*		
9-732AE	Advanced Genetics, Inc.	EN	3.2				69.3*		
HS 34E80	Growmark, Inc.	EN	3.4				69.3*		
S33ES42	Dyna-Gro Seed	EN	3.3				68.7*		
E3760 E3	Ebberts Field Seeds, Inc.	EN	3.7				68.7*		
XO 3752E	Xitavo	EN	3.7				68.6*		
E3460 E3	Ebberts Field Seeds, Inc.	EN	3.4				67.8*		
372XF	Ebberts Field Seeds, Inc.	XF	3.7				67.7*		
G3360XF	AgriGold	XF	3.3				67.0*		
SC7372E™	Seed Consultants, Inc.	EN	3.7				67.0*		
E3560 E3	Ebberts Field Seeds, Inc.	EN	3.5				66.8		
E3350 E3	Ebberts Field Seeds, Inc.	EN	3.3				66.1		
HS 32E00	Growmark, Inc.	EN	3.2				66.0		
DONMARIO DM32C52	GDM Seeds	CV	3.2				65.9		
XO 3651E	Xitavo	EN	3.6				65.9		
W 5836X	Wellman Seeds, Inc.	X	3.6				65.6		
HS 38E90	Growmark, Inc.	EN	3.8				65.3		
S35ES82	Dyna-Gro Seed	EN	3.5				65.0		
W 6138E	Wellman Seeds, Inc.	EN	3.8				65.0		
XO 3341E	Xitavo	EN	3.3				64.7		
CZ 3750GTLL	Credenz	LLGT27	3.7				64.5		
3531XF	Stewart Seeds	XF	3.5				64.4		
9-737AE	Advanced Genetics, Inc.	EN	3.7				64.0		
S32EN01	Dyna-Gro Seed	EN	3.2				64.0		
W 6133E	Wellman Seeds, Inc.	EN	3.3				64.0		

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
W 7233XF	Wellman Seeds, Inc.	XF	3.3					62.7		
SC7341E™	Seed Consultants, Inc.	EN	3.4					61.9		
S3681STS	Dyna-Gro Seed	CV, STS	3.6					61.5		
DONMARIO DM37C62S	GDM Seeds	CV	3.7					61.5		
3303RX	Advanced Genetics, Inc.	X	3.3					61.4		
3601RX	Advanced Genetics, Inc.	X	3.6					60.4		
S35XF72	Dyna-Gro Seed	XF	3.5					59.1		
3731XF	Stewart Seeds	XF	3.7					58.3		
9-734AE	Advanced Genetics, Inc.	EN	3.4					57.9		
352XF	Ebberts Field Seeds, Inc.	XF	3.5					57.5		
AG38XF1	Asgrow	XF	3.8					57.3		
DONMARIO DM36F62S	GDM Seeds	XF	3.6					57.0		
SC7361E™	Seed Consultants, Inc.	EN	3.6					56.5		
3801RX	Advanced Genetics, Inc.	X	3.8					56.3		
HS 34F00	Growmark, Inc.	XF	3.4					55.3		
3501RX	Advanced Genetics, Inc.	X	3.5					54.9		
AG35XF1	Asgrow	XF	3.5					52.9		
HS 33F10	Growmark, Inc.	XF	3.3					51.7		
DONMARIO DM40E62	GDM Seeds	EN	4.0					49.6		
DONMARIO DM38F42S	GDM Seeds	XF	3.8					47.5		
FG6	Ohio Foundation Seeds, Inc.	CV	3.7					47.0		
		Min	3.2					47.0		
		Max	4.0					71.7		
		Mean	3.5					63.2		
		LSD (0.1)						4.8		
		CV						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						59.7**	
W 5932X	Wellman Seeds, Inc.	X	3.2						58.4*	
O.3118N	Albert Lea Seed/Viking Corn & Soybeans	CV	3.1						58.3*	
HS 32E00	Growmark, Inc.	EN	3.2						57.6*	
Virtue V2922	GDM Seeds	CV	2.9						57.5*	
E2960 E3	Ebberts Field Seeds, Inc.	EN	2.9						57.3*	
G3360XF	AgriGold	XF	3.3						56.9*	
SG-3152E	Shur Grow	EN	3.1						56.9*	
XO 3131E	Xitavo	EN	3.1						56.1*	
SC7322E™	Seed Consultants, Inc.	EN	3.2						55.3*	
NK33-R4E3S	NK Seeds	EN	3.3						55.0*	
W 5928X	Wellman Seeds, Inc.	X	2.8						55.0*	
E3350 E3	Ebberts Field Seeds, Inc.	EN	3.3						54.9*	
W 6230E	Wellman Seeds, Inc.	EN	3.0						54.9*	
S31EN91	Dyna-Gro Seed	EN	3.1						54.2*	
W 7233XF	Wellman Seeds, Inc.	XF	3.3						54.1*	
S33ES42	Dyna-Gro Seed	EN	3.3						53.9*	

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)

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
G3001E3	AgriGold	EN	3.0					53.8*		
GH2722XF	Golden Harvest	XF	2.7					53.8*		
GH3192XF	Golden Harvest	XF	3.1					53.7		
S32EN01	Dyna-Gro Seed	EN	3.2					53.6		
SG-3352E	Shur Grow	EN	3.3					53.5		
3101RX	Advanced Genetics, Inc.	X	3.1					53.3		
282XF	Ebberts Field Seeds, Inc.	XF	2.8					53.0		
Virtue V3122	GDM Seeds	CV	3.1					52.8		
HS 28E10	Growmark, Inc.	EN	2.8					52.7		
XO 3341E	Xitavo	EN	3.3					52.7		
3303RX	Advanced Genetics, Inc.	X	3.3					52.6		
SG-3162XF	Shur Grow	XF	3.1					52.3		
9-732AE	Advanced Genetics, Inc.	EN	3.2					52.2		
NK31-M7E3	NK Seeds	EN	3.1					52.2		
W 6131E	Wellman Seeds, Inc.	EN	3.1					52.2		
DONMARIO DM32C52	GDM Seeds	CV	3.2					51.7		
312XF	Ebberts Field Seeds, Inc.	XF	3.1					51.6		
HS 27F10	Growmark, Inc.	XF	2.7					51.6		
AG24XF1	Asgrow	XF	2.4					51.5		
NK31-J9XF	NK Seeds	XF	3.1					51.5		
AG27XF1	Asgrow	XF	2.7					51.4		
XO 2921E	Xitavo	EN	2.9					51.4		
W 6133E	Wellman Seeds, Inc.	EN	3.3					51.3		
G3030XF	AgriGold	XF	3.0					51.2		
S31XF82	Dyna-Gro Seed	XF	3.1					51.1		
SC7302E™	Seed Consultants, Inc.	EN	3.0					50.9		
GH2922E3	Golden Harvest	EN	2.9					50.8		
SC7311E™	Seed Consultants, Inc.	EN	3.1					50.6		
W 7230XF	Wellman Seeds, Inc.	XF	3.0					50.5		
GH3132E3	Golden Harvest	EN	3.1					50.2		
W 6227E	Wellman Seeds, Inc.	EN	2.7					50.2		
AG25XF1	Asgrow	XF	2.5					49.0		
HS 25E00	Growmark, Inc.	EN	2.5					48.1		
HS 33F10	Growmark, Inc.	XF	3.3					48.0		
S28XF92S	Dyna-Gro Seed	XF	2.8					47.9		
HS 31F10	Growmark, Inc.	XF	3.1					47.7		
CZ 3309GTLL	Credenz	LLGT27	3.3					46.8		
XO 2832E	Xitavo	EN	2.8					46.5		
		Min	2.4					46.5		
		Max	3.3					59.7		
		Mean	3.0					52.8		
		LSD (0.1)						5.9		
		CV						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, STS	3.7						62.9**	
XO 3651E	Xitavo	EN	3.6						62.4*	
XO 3402E	Xitavo	EN	3.4						61.1*	
SG-3462XF	Shur Grow	XF	3.4						60.9*	
352XF	Ebberts Field Seeds, Inc.	XF	3.5						60.7*	
XO 4132E	Xitavo	EN	4.1						60.7*	
372XF	Ebberts Field Seeds, Inc.	XF	3.7						60.3*	
DONMARIO DM36F62S	GDM Seeds	XF	3.6						60.3*	
XO 3752E	Xitavo	EN	3.7						60.1*	
S3681STS	Dyna-Gro Seed	CV, STS	3.6						59.8*	
3531XF	Stewart Seeds	XF	3.5						59.7*	
AG35XF1	Asgrow	XF	3.5						59.6*	
3801RX	Advanced Genetics, Inc.	X	3.8						59.5*	
S35XF72	Dyna-Gro Seed	XF	3.5						59.5*	
XO 3861E	Xitavo	EN	3.8						59.3*	
S37ES52	Dyna-Gro Seed	EN	3.7						58.7*	
SG-3452E	Shur Grow	EN	3.4						58.7*	
G3451E3	AgriGold	EN	3.4						58.5*	
S35ES82	Dyna-Gro Seed	EN	3.5						58.4*	
HS 38E90	Growmark, Inc.	EN	3.8						58.3*	
E3460 E3	Ebberts Field Seeds, Inc.	EN	3.4						58.2*	
E3960 E3	Ebberts Field Seeds, Inc.	EN	3.9						58.2*	
W 6234E	Wellman Seeds, Inc.	EN	3.4						58.1*	
W 6138E	Wellman Seeds, Inc.	EN	3.8						58.0*	
AG38XF1	Asgrow	XF	3.8						57.9*	
SG-3652E	Shur Grow	EN	3.6						57.9*	
E3760 E3	Ebberts Field Seeds, Inc.	EN	3.7						57.8*	
Virtue V4122S	GDM Seeds	CV	4.1						57.7*	
HS 34F00	Growmark, Inc.	XF	3.4						57.7*	
DONMARIO DM40E62	GDM Seeds	EN	4.0						57.6*	
HS 37E10	Growmark, Inc.	EN	3.7						57.4*	
SC7341E™	Seed Consultants, Inc.	EN	3.4						56.9	
GH3442XF	Golden Harvest	XF	3.4						56.2	
DONMARIO DM38F42S	GDM Seeds	XF	3.8						56.1	
CZ 3750GTLL	Credenz	LLGT27	3.7						55.9	
NK35-J6E3S	NK Seeds	EN	3.5						55.8	
DONMARIO DM37C62S	GDM Seeds	CV	3.7						55.7	
3731XF	Stewart Seeds	XF	3.7						55.6	
W 5836X	Wellman Seeds, Inc.	X	3.6						55.5	
9-734AE	Advanced Genetics, Inc.	EN	3.4						55.2	
XO 3922E	Xitavo	EN	3.9						54.4	
SC7381E™	Seed Consultants, Inc.	EN	3.8						54.0	
CZ 3930GTLL	Credenz	LLGT27	3.9						53.7	
W 6237E	Wellman Seeds, Inc.	EN	3.7						53.3	
3601RX	Advanced Genetics, Inc.	X	3.6						52.9	
3632XF	Stewart Seeds	XF	3.6						52.4	
G3490XF	AgriGold	XF	3.4						52.3	

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
9-737AE	Advanced Genetics, Inc.	EN	3.7					51.8		
HS 34E80	Growmark, Inc.	EN	3.4					51.7		
SC7372E™	Seed Consultants, Inc.	EN	3.7					51.7		
GH3732XF	Golden Harvest	XF	3.7					51.6		
SG-3762XF	Shur Grow	XF	3.7					51.6		
3501RX	Advanced Genetics, Inc.	X	3.5					51.3		
G3506XF	AgriGold	XF	3.5					51.3		
E3560 E3	Ebberts Field Seeds, Inc.	EN	3.5					50.5		
S36XF12	Dyna-Gro Seed	XF	3.6					50.4		
SC7361E™	Seed Consultants, Inc.	EN	3.6					48.6		
GH3582E3	Golden Harvest	EN	3.5					47.3		
FG6	Ohio Foundation Seeds, Inc.	CV	3.7					41.0		
		Min	3.4					41.0		
		Max	4.1					62.9		
		Mean	3.6					56.1		
		LSD (0.1)						5.6		
		CV						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				75.3**			
AG35XF1	Asgrow	XF	3.5				75.1*			
3531XF	Stewart Seeds	XF	3.5				74.3*			
SC7341E™	Seed Consultants, Inc.	EN	3.4				74.3*			
G3649E3	AgriGold	EN	3.6				73.0*			
XO 3131E	Xitavo	EN	3.1				72.5*			
GH3442XF	Golden Harvest	XF	3.4				72.3*			
Virtue V2922	GDM Seeds	CV	2.9				71.8*			
SG-3652E	Shur Grow	EN	3.6				71.3*			
SC7322E™	Seed Consultants, Inc.	EN	3.2				70.9*			
W 5928X	Wellman Seeds, Inc.	X	2.8				70.6*			
W 6133E	Wellman Seeds, Inc.	EN	3.3				70.6*			
G3451E3	AgriGold	EN	3.4				70.2*			
SC7361E™	Seed Consultants, Inc.	EN	3.6				69.4			
W 5932X	Wellman Seeds, Inc.	X	3.2				69.3			
W 7233XF	Wellman Seeds, Inc.	XF	3.3				69.1			
W 7230XF	Wellman Seeds, Inc.	XF	3.0				68.6			
352XF	Ebberts Field Seeds, Inc.	XF	3.5				68.4			
DONMARIO DM36F62S	GDM Seeds	XF	3.6				68.3			
S36XF12	Dyna-Gro Seed	XF	3.6				68.3			
XO 3402E	Xitavo	EN	3.4				68.2			
CZ 3309GTLL	Credenz	LLGT27	3.3				68.1			
W 5836X	Wellman Seeds, Inc.	X	3.6				67.9			
DONMARIO DM32C52	GDM Seeds	CV	3.2				67.8			
XO 3341E	Xitavo	EN	3.3				67.7			
Virtue V3122	GDM Seeds	CV	3.1				67.1			

TABLE 7: The 2021 Ohio Soybean Performance Trials, South Region - Early Varieties (RM 2.7-3.6)
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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 6131E	Wellman Seeds, Inc.	EN	3.1				66.9			
S33ES42	Dyna-Gro Seed	EN	3.3				66.7			
G3506XF	AgriGold	XF	3.5				66.4			
W 6234E	Wellman Seeds, Inc.	EN	3.4				66.2			
S35ES82	Dyna-Gro Seed	EN, STS	3.5				66.1			
W 6227E	Wellman Seeds, Inc.	EN	2.7				65.2			
E3460 E3	Ebberts Field Seeds, Inc.	EN	3.4				64.1			
3632XF	Stewart Seeds	XF	3.6				64.0			
W 6230E	Wellman Seeds, Inc.	EN	3.0				63.7			
E3560 E3	Ebberts Field Seeds, Inc.	EN	3.5				63.1			
GH3582E3	Golden Harvest	EN	3.5				62.2			
		Min	2.7				62.2			
		Max	3.6				75.3			
		Mean	3.3				68.8			
		LSD (0.1)					5.7			
		CV					7.0			

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				78.1**			
CZ 3250GTLL	Credenz	LLGT27	3.7				76.9*			
S37ES52	Dyna-Gro Seed	EN, STS	3.7				76.7*			
Virtue V4122S	GDM Seeds	CV	4.1				75.1*			
GH3762E3S	Golden Harvest	EN, STS	3.7				74.6*			
S39XF41	Dyna-Gro Seed	XF	3.9				74.0*			
XO 3861E	Xitavo	EN	3.8				73.8			
G3957E3	AgriGold	EN	3.9				73.6			
NK40-U7E3	NK Seeds	EN	4.0				73.1			
XO 4132E	Xitavo	EN	4.1				73.1			
NK37-V4E3S	NK Seeds	EN	3.7				73.0			
AG38XF1	Asgrow	XF	3.8				72.9			
S41EN72	Dyna-Gro Seed	EN	4.1				72.9			
GH3732XF	Golden Harvest	XF	3.7				72.7			
E3760 E3	Ebberts Field Seeds, Inc.	EN	3.7				72.6			
XO 4371E	Xitavo	EN	4.3				72.5			
G3990XF	AgriGold	XF	3.9				72.3			
4231XF	Stewart Seeds	XF	4.2				72.3			
W 6138E	Wellman Seeds, Inc.	EN	3.8				72.3			
SC7381E™	Seed Consultants, Inc.	EN	3.8				71.7			
EXP 9			4.5				70.9			
XO 3922E	Xitavo	EN	3.9				70.9			
DONMARIO DM40E62	GDM Seeds	EN	4.0				70.8			
S39EN19	Dyna-Gro Seed	EN	3.9				70.6			
AG40XF0	Asgrow	XF	4.0				70.5			
DONMARIO DM37C62S	GDM Seeds	CV	3.7				69.8			
E3960 E3	Ebberts Field Seeds, Inc.	EN	3.9				69.2			
3731XF	Stewart Seeds	XF	3.7				69.2			
SC7372E™	Seed Consultants, Inc.	EN	3.7				68.6			
SG-3762XF	Shur Grow	XF	3.7				68.0			
DONMARIO DM38F42S	GDM Seeds	XF	3.8				67.4			
CZ 3750GTLL	Credenz	LLGT27	3.7				66.6			
W 6237E	Wellman Seeds, Inc.	EN	3.7				65.9			
FG6	Ohio Foundation Seeds, Inc.	CV	3.7				65.2			
372XF	Ebberts Field Seeds, Inc.	XF	3.7				65.0			
		Min	3.7				65.0			
		Max	4.5				78.1			
		Mean	3.9				71.5			
		LSD (0.1)					4.7			
		CV					5.6			