



**THE OHIO STATE
UNIVERSITY**

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

THE 2020 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 except C1 where a cover crop was planted into a 2019 prevent plant field. All locations were no-till except the C1 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 2020 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), Liberty Link (Liberty), Xtend, Enlist, and Liberty Link/glyphosate tolerant (LLGT27) 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, maturity, and type.

2020 Tables by Type, Region, Maturity Grouping

Conventional, Liberty Link, Roundup Ready, Xtend, Enlist, and Liberty Link/glyphosate tolerant	North	Early (1.9-3.1)	Table 3
		Late (3.2-3.9)	Table 4
Conventional, Liberty Link, Roundup Ready, Xtend, Enlist, and Liberty Link/glyphosate tolerant	Central	Early (2.2-3.3)	Table 5
		Late (3.4-4.2)	Table 6
Conventional, Liberty Link, Roundup Ready, Xtend, Enlist, and Liberty Link/glyphosate tolerant	South	Early (2.5-3.6)	Table 7
		Late (3.7-4.4)	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 2020.

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 2020 Ohio Soybean Performance Trials, Site Descriptions

	N1	N2	C1	C2	S1	S2
	Henry Co.	Sandusky Co.	Mercer Co.	Morrow Co.	Preble Co.	Clinton Co.
Soil texture	Clay	Sandy loam	Clay	Clay loam	Clay	Silty clay loam
Soil pH	6.8	5.7	7.2	6.6	6.3	5.6
Soil Test P-Mehlich (ppm)	34	20	62	23	85	38
Soil Test K (ppm)	170	87	151	110	161	125
Plant date	June 6	June 1	June 2	May 27	May 12	May 13
Harvest date	Oct. 13	Nov. 5	Nov. 6	Nov. 4	Oct. 14	Oct. 18

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	Seed Trt	RM	Type	Table #	Variety	Seed Trt	RM	Type	Table #	Variety	Seed Trt	RM	Type	Table #
Advanced Genetics, Inc.					Blue River Organic Seed					Dyna-Gro Seed				
11491 Foundation Rd. 740-893-2501					2326 230th St. 800-370-7979					615 Hilliard Rome Rd. 614-620-5008				
Croton, OH 43013 advancedgeneticsinc.com					Ames, IA 50014 blueriverorgseed.com					Columbus, OH 43228 dynagroseed.com				
9-726AE	Ceresus	2.6	Enlist	3	22DC6	None	2.2	CV	3	S28XT58	EQ+SA	2.8	Xtend	3
0-727AE	Ceresus	2.7	Enlist	3	24DC3	None	2.4	CV	3	S31GL41	EQ+SA	3.1	LLGT27	3, 5
2801RX	Ceresus	2.8	Xtend	3, 5	29DC5	None	2.7	CV	3, 5	S31EN91	EQ+SA	3.1	Enlist	3, 5
2801GL	Ceresus	2.8	LLGT27	3	32DC8	None	3.2	CV	5, 7	S32XS71	EQ+SA	3.2	Xtend	4, 5, 7
9-730AE	Ceresus	3.0	Enlist	3	34A7	None	3.4	CV	6, 7	S32EN01	EQ+SA	3.2	Enlist	4, 5
3101GL	Ceresus	3.1	LLGT27	3	35DC2	None	3.5	CV	7	S3305N	EQ+SA	3.3	CV	4
3101RX	Ceresus	3.1	Xtend	3, 5	Burtch Seed Company, Inc.					S33EN09	EQ+SA	3.3	Enlist	4, 5
32CN07	Ceresus	3.2	CV	5	4742 Tama Road 419-363-3713					S34GL79	EQ+SA	3.4	LLGT27	4, 6, 7
32CN08	Ceresus	3.2	CV	4	Celina, OH 45822 burtchseed.com					S35EN99	EQ+SA	3.5	Enlist	4, 6
9-732AE	Ceresus	3.2	Enlist	5	Strike 2900C	AM	2.9	CV	3, 5	S3681STS	EQ+SA	3.6	CV	4, 6, 7
3303RX	Ceresus	3.3	Xtend	4, 5	Strike 3100C	AM	3.1	CV	4, 5	S36ES70	EQ+SA	3.6	Enlist	6, 7
3503RX	Ceresus	3.5	Xtend	4, 6	Strike 3500C	AM	3.5	CV	4, 6	S37XS89	EQ+SA	3.7	Xtend	8
3501RX	Ceresus	3.5	Xtend	6	Strike 3600C	AM	3.6	CV	4, 6	S37EN39	EQ+SA	3.7	Enlist	8
3601RX	Ceresus	3.6	Xtend	4, 6	Strike 3800C	AM	3.8	CV	4, 6	S39GL11	EQ+SA	3.9	LLGT27	8
9-737AE	Ceresus	3.7	Enlist	6	Credenz- BASF					S39EN19	EQ+SA	3.9	Enlist	8
3801RX	Ceresus	3.8	Xtend	6	2 TW Alexander Dr. 419-561-7008					S3961STS	EQ+SA	3.9	CV	8
AgriGold Hybrids					Research Triangle Park, NC 27709 agriculture.basf.com					S41ES80 EQ+SA 4.1 Enlist 8				
5381 Akin Rd. 800-262-7333					CZ 2040GTLL	Ob+PV+IL	2.0	LLGT27	3	Ebberts Field Seeds Inc.				
St. Francisville, IL 62460 agrigold.com					CZ 2230GTLL	Ob+PV+IL	2.2	LLGT27	5	6840 N State Route 48 937-473-2521				
G2624RX	AS+SA	2.6	Xtend	3	CZ 2360GTLL	Ob+PV+IL	2.3	LLGT27	3, 5	Covington, OH 45318 ebbertsseeds.com				
G2900RX	AS+SA	2.9	Xtend	3, 5	CZ 2550GTLL	Ob+PV+IL	2.5	LLGT27	3, 5	E3040 E3	IS	2.9	Enlist	3, 5
G3000RX	AS+SA	3.0	Xtend	3, 5	CZ 2760GTLL	Ob+PV+IL	2.7	LLGT27	3, 5, 7	301R2X	IS	3.0	Xtend	3, 5
G3285RX	AS+SA	3.2	Xtend	4, 5, 7	CZ 2830GTLL	Ob+PV+IL	2.8	LLGT27	3, 5	E3151 E3	IS	3.1	Enlist	3, 5
G3520RX	AS+SA	3.5	Xtend	6, 7	CZ 2910GTLL	Ob+PV+IL	2.9	LLGT27	3, 5	E3240 E3	IS	3.2	Enlist	4, 5
G3620RX	AS+SA	3.6	Xtend	4, 6, 7	CZ 3099GTLL	Ob+PV+IL	3.0	LLGT27	3, 5, 7	E3350 E3	IS	3.3	Enlist	4, 5
G3722RX	AS+SA	3.7	Xtend	6, 8	CZ 3309GTLL	Ob+PV+IL	3.3	LLGT27	4, 5, 7	330R2X	IS	3.3	Xtend	4, 5, 7
G3850RX	AS+SA	3.8	Xtend	6, 8	CZ 3480GTLL	Ob+PV+IL	3.4	LLGT27	4, 6, 7	E3540 E3	IS	3.5	Enlist	4, 6, 7
Asgrow/Bayer Crop Science					CZ 3519GTLL	Ob+PV+IL	3.5	LLGT27	4, 6, 7	351R2X	IS	3.5	Xtend	4, 6, 7
800 North Lindbergh Blvd. 800-768-6387					CZ 3660GTLL	Ob+PV+IL	3.6	LLGT27	4, 6, 7	368R2X	IS	3.6	Xtend	4, 6, 7
St. Louis, MO 63167 dekalbasgrowdeltapine.com					CZ 3750GTLL	Ob+PV+IL	3.7	LLGT27	6, 8	E3741 E3	IS	3.7	Enlist	4, 6, 8
AG25X9	AC+IL	2.5	Xtend	3, 5	CZ 3840GTLL	Ob+PV+IL	3.8	LLGT27	6, 8	388R2X	IS	3.8	Xtend	4, 6, 8
AG27X0	AC+IL	2.7	Xtend	3, 5	CZ 3930GTLL	Ob+PV+IL	3.9	LLGT27	6, 8	E3851 E3	IS	3.8	Enlist	4, 6, 8
AG30X8	AC+IL	3.0	Xtend	3, 5	CZ 4241GTLL	Ob+PV+IL	4.2	LLGT27	8	Golden Harvest				
AG33X0	AC+IL	3.3	Xtend	4, 5, 7	CZ 4240GTLL	Ob+PV+IL	4.2	LLGT27	8	2001 Butterfield Rd, STE 1600 800-445-0956				
AG33X8	AC+IL	3.3	Xtend	4, 5, 7						Downer's Grove, IL 60515 goldenharvestseeds.com				
AG36X6	AC+IL	3.6	Xtend	4, 6, 7						GH2788X	CM+V+SA	2.7	Xtend	3, 5
AG37X0	AC+IL	3.7	Xtend	4, 6, 8						GH2818E3	CM+V+SA	2.8	Enlist	3, 5
AG37X9	AC+IL	3.7	Xtend	4, 6, 8						GH3088X	CM+V+SA	3.0	Xtend	4, 6
AG38X8	AC+IL	3.8	Xtend	4, 6, 8						GH3546X	CM+V+SA	3.5	Xtend	4, 6, 7
AG41X8	AC+IL	4.1	Xtend	6, 8						GH3582E3	CM+V+SA	3.5	Enlist	4, 6, 7
AG42X9	AC+IL	4.2	Xtend	6, 8						GH3728X	CM+V+SA	3.7	Xtend	8
AG43X0	AC+IL	4.3	Xtend	8										

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.					Luckey Farmers, Inc.					University of Missouri					
1701 Towanda Ave. 309-557-6399					1200 W Main St, PO Box 217 419-849-2711					PO Box 160, 147 St Hwy T 513-379-5431					
Bloomington, IL 61701 fsseed.com					Woodville, OH 43469 luckeyfarmers.com					Portageville, MO 63873					
HS 24X80	AC+SA	2.4	Xtend	3	GM 27E49	Caveo	2.7	Enlist	3	S13-2743C	War	4.1	CV	8	
HS 25E00	AC+SA	2.5	Enlist	3, 5	GM 34E90	Caveo	3.4	Enlist	4	Virtue Seeds					
HS 28B00	AC+SA	2.8	LLGT27	3, 5	GM 34B11	Caveo	3.4	LLGT27	4	454E 300N Rd 217-680-6044					
HS 28E90	AC+SA	2.8	Enlist	3, 5	NK Seeds					Gibson City, IL 60936 virtueseeds.com					
HS 28X70	AC+SA	2.8	Xtend	3, 5	2001 Butterfield Rd STE 1600 614-907-0698					V3720S 3.7 CV 4, 6, 8					
HS 30X00	AC+SA	3.0	Xtend	3, 5	Downer's Grove, IL 60515 syngenta.com					Wellman Seeds, Inc.					
HS 31B00	AC+SA	3.1	LLGT27	3, 5	S31-E3S	CM+V+SA	3.1	Enlist	5	23778 Jennings Delphos Rd 800-717-7333					
HS 32E00	AC+SA	3.2	Enlist	4, 5	S33-D7X	CM+V+SA	3.3	Xtend	5	Delphos, OH 45833 wellmanseeds.com					
HS 32X90	AC+SA	3.2	Xtend	4, 5	S35-K9X	CM+V+SA	3.5	Xtend	6	W 5926X	Encase	2.6	Xtend	3, 5	
HS 34E80	AC+SA	3.4	Enlist	4, 6	S35-E3	CM+V+SA	3.5	Enlist	6	W 5928X	Encase	2.8	Xtend	3, 5, 7	
HS 35X00	AC+SA	3.5	Xtend	4, 6	S36-E3	CM+V+SA	3.6	Enlist	7	W 6928E	Encase	2.8	Enlist	3, 5, 7	
HS 35B00	AC+SA	3.5	LLGT27	4, 6	S39-E3	CM+V+SA	3.9	Enlist	8	W 295	Encase	2.9	CV	3, 5	
HS 38X70	AC+SA	3.8	Xtend	4, 6	Seed Consultants, Inc.					W 6130E	Encase	3.0	Enlist	3, 5, 7	
HS 38E90	AC+SA	3.8	Enlist	4, 6	648 Miami Trace Rd. 800-708-2676					W 6131E	Encase	3.1	Enlist	3, 5, 7	
LG Seeds					Washington Court House, OH 43160 seedconsultants.com					W 5932X	Encase	3.2	Xtend	4, 5, 7	
1122 E 169th St 800-757-2820					SC 8279X TM	L+EG+G	2.7	Xtend	3	W 6032E	Encase	3.2	Enlist	4, 5, 7	
Westfield, IN 46074 lgseeds.com					SC 7311E TM	L+EG+G	3.1	Enlist	3, 5	W 6133E	Encase	3.3	Enlist	4, 5, 7	
LGS2444RX	AS+SA	2.4	Xtend	3	SC 3330L TM	L+EG+G	3.3	Liberty	4, 5, 7	W 6033E	Encase	3.3	Enlist	4, 5, 7	
LGS2927RX	AS+SA	2.6	Xtend	3	SC 7341E TM	L+EG+G	3.4	Enlist	4, 6, 7	W 5836X	Encase	3.6	Xtend	4, 6, 7	
C2888RX	AS+SA	2.8	Xtend	3, 5	SC 3361L TM	L+EG+G	3.6	Liberty	6, 7	W 6037E	Encase	3.7	Enlist	4, 6, 8	
LGS3060RX	AS+SA	3.0	Xtend	3, 5	SC 7361E TM	L+EG+G	3.6	Enlist	6, 7	W 6138E	Encase	3.8	Enlist	4, 6, 8	
LGS3202RX	AS+SA	3.2	Xtend	5	SC 7381E TM	L+EG+G	3.8	Enlist	6, 8	Xitavo					
LGS3600RX	AS+SA	3.6	Xtend	6	SC 7390E TM	L+EG+G	3.9	Enlist	6, 8	103 Avenue D 419-561-7008					
LGS3777RX	AS+SA	3.7	Xtend	6	SC 8399X TM	L+EG+G	3.9	Xtend	6, 8	West Point, IA 52656 xitavosoybeanseed.com					
Local Seed Company					SC 3399L TM	L+EG+G	3.9	Liberty	8	XO 2391E	Ob+PV+IL	2.3	Enlist	5	
802 Rozelle St. 901-260-6000					Stewart Seeds					XO 2501E	Ob+PV+IL	2.5	Enlist	3, 5, 7	
Memphis, TN 38104 localseed.com					2230 CR E 300 N 800-365-SEED					XO 2711E	Ob+PV+IL	2.7	Enlist	3, 5	
ZS1999GL	RP	1.9	LLGT27	3	Greensburg, IN 47240 stewartseeds.com					XO 2921E	Ob+PV+IL	2.9	Enlist	3, 5, 7	
ZS2898GL	RP	2.8	LLGT27	3, 5, 7	3340R2X	AC	3.3	Xtend	4, 5	XO 3131E	Ob+PV+IL	3.1	Enlist	3, 5, 7	
LS3005E3	RP	3.0	Enlist	3, 5, 7	3628R2X	AC	3.6	Xtend	4, 6, 7	XO 3341E	Ob+PV+IL	3.3	Enlist	4, 5, 7	
LS3205GL	RP	3.2	LLGT27	4, 5, 7	3830R2X	AC	3.8	Xtend	4, 6, 8	XO 3651E	Ob+PV+IL	3.6	Enlist	6, 7	
LS3207XS	RP	3.2	Xtend	4, 5, 7	4029R2X	AC	3.8	Xtend	6, 8	XO 3861E	Ob+PV+IL	3.8	Enlist	6, 8	
ZS3496GL	RP	3.4	LLGT27	4, 6, 7	4228R2X	AC	4.2	Xtend	8	XO 4371E	Ob+PV+IL	4.3	Enlist	8	
LS3606GL	RP	3.6	LLGT27	4, 6, 7	Stine Seed Company					Seed Treatment Abbreviations					
ZS3898E3S	RP	3.8	Enlist	4, 6, 8	22555 Laredo Trail 419-603-5176					AC=Acceleron IS=Intego Suite +					
LS3976X	RP	3.9	Xtend	4, 6, 8	Adel, IA 50003 stineseed.com					AS=AgriShield Max Rizolex Fungicide					
LS3906GL	RP	3.9	LLGT27	4, 6, 8	28EA02		2.8	Enlist	5	AM=Apron Maxx L=Lumisena					
LS4299XS	RP	4.2	Xtend	6	29EA23		2.9	Enlist	3	CM=CruiserMaxx Ob=ObviusPlus					
ZS4295GLS	RP	4.2	LLGT27	6, 8	34EA12		3.4	Enlist	4	EG=EverGol PV=Poncho/Votivo					
LS4407X	RP	4.4	Xtend	8	36EA02		3.6	Enlist	5	EQ=EquityVIP RP=Radius Premium					
					39EA02		3.9	Enlist	8	G=Gaucho SA=Salto					
					40EB22		4.0	Enlist	8	IL=Ilevo V=Vibrance					
										War=Warden RTA					

TABLE 3: The 2020 Ohio Soybean Performance Trials, North Region - Early Varieties (RM 1.9-3.1)

Variety	Entry		Physical Characteristics				North Region Yield (bu/acre)			
	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	N1	N2	'20 Mean	'19-'20 Mean
29DC5	Blue River Organic Seed	CV	2.7	2948	32.3	19.7	53.3*	62.5**	57.9	--
AG30X8	Asgrow	Xtend	3.0	2838	33.1	19.0	55.1*	59.1*	57.1	61.1
W 5928X	Wellman Seeds, Inc.	Xtend	2.8	2768	33.5	20.0	54.8*	59.2*	57.0	61.1
HS 30X00	Growmark, Inc.	Xtend	3.0	2838	35.3	18.0	53.6*	60.0*	56.8	--
22DC6	Blue River Organic Seed	CV	2.2	2609	33.9	18.9	56.5**	56.9*	56.7	--
XO 3131E	Xitavo	Enlist	3.1	2609	34.9	18.2	56.1*	57.0*	56.6	--
W 6131E	Wellman Seeds, Inc.	Enlist	3.1	2640	34.2	18.5	55.1*	57.9*	56.5	--
W 5926X	Wellman Seeds, Inc.	Xtend	2.6	2910	31.2	20.6	56.4*	56.0*	56.2	55.8
CZ 3099GTLL	Credenz	LLGT27	3.0	2183	34.5	19.2	55.0*	56.9*	56.0	57.7
HS 28B00	Growmark, Inc.	LLGT27	2.8	2948	32.0	19.3	55.0*	56.4*	55.7	--
W 6130E	Wellman Seeds, Inc.	Enlist	3.0	2768	31.8	20.1	49.6	61.7*	55.7	--
2801GL	Advanced Genetics, Inc.	LLGT27	2.8	2671	33.8	19.9	52.6	58.6*	55.6	--
S28XT58	Dyna-Gro Seed	Xtend	2.8	2640	33.9	18.8	52.9*	57.3*	55.1	57.8
HS 31B00	Growmark, Inc.	LLGT27	3.1	2948	32.2	19.9	51.7	58.4*	55.1	--
SC 7311E™	Seed Consultants, Inc.	Enlist	3.1	2580	34.5	18.4	52.9*	57.1*	55.0	--
E3151 E3	Ebberts Field Seeds	Enlist	3.1	2609	34.5	18.3	51.5	58.4*	55.0	--
SC 8279X™	Seed Consultants, Inc.	Xtend	2.7	2551	33.1	19.1	52.1	57.8*	55.0	61.5
CZ 2830GTLL	Credenz	LLGT27	2.8	2838	32.5	19.2	54.5*	55.2	54.9	--
LGS3060RX	LG Seeds	Xtend	3.0	2609	34.0	18.4	54.7*	54.5	54.6	57.1
AG25X9	Asgrow	Xtend	2.5	2987	32.4	20.1	52.6	56.4	54.5	53.8
3101GL	Advanced Genetics, Inc.	LLGT27	3.1	2270	34.6	19.0	52.5	56.2*	54.4	--
HS 28E90	Growmark, Inc.	Enlist	2.8	2987	32.6	20.5	51.0	57.4*	54.2	--
9-730AE	Advanced Genetics, Inc.	Enlist	3.0	2987	30.9	20.3	48.8	59.4*	54.1	54.3
G3000RX	AgriGold	Xtend	3.0	2838	35.4	17.6	52.2	55.8*	54.0	--
GH2818E3	Golden Harvest	Enlist	2.8	2987	30.4	21.2	50.7	56.9*	53.8	--
ZS2898GL	Local Seed Company	LLGT27	2.8	2910	33.6	20.0	51.2	56.4*	53.8	55.9
S31GL41	Dyna-Gro Seed	LLGT27	3.1	3068	29.9	20.7	52.7*	54.7	53.7	--
XO 2921E	Xitavo	Enlist	2.9	2838	32.3	19.9	48.3	58.9*	53.6	--
G2624RX	AgriGold	Xtend	2.6	2768	35.0	18.3	52.8*	54.3	53.6	--
GM 27E49	Luckey Farmers, Inc.	Enlist	2.7	2873	31.6	20.8	50.5	56.1*	53.3	--
GH2788X	Golden Harvest	Xtend	2.7	2735	33.8	19.1	50.9	55.3	53.1	--
2801RX	Advanced Genetics, Inc.	Xtend	2.8	2838	34.3	18.4	51.2	54.7	53.0	57.5
CZ 2910GTLL	Credenz	LLGT27	2.9	2838	29.7	20.2	52.3	53.6	53.0	--
S31EN91	Dyna-Gro Seed	Enlist	3.1	2551	35.0	18.1	51.9	54.0	53.0	--
Strike 2900C	Burtch Seed Company, Inc.	CV	2.9	2702	34.5	19.0	50.6	55.2	52.9	--
301R2X	Ebberts Field Seeds	Xtend	3.0	2873	35.4	17.7	49.5	56.3*	52.9	--
G2900RX	AgriGold	Xtend	2.9	2640	33.8	18.8	50.2	55.5	52.9	56.1
C2888RX	LG Seeds	Xtend	2.8	2702	34.1	18.4	50.9	54.6	52.8	57.0
HS 28X70	Growmark, Inc.	Xtend	2.8	2609	34.7	18.3	52.8*	52.2	52.5	59.2
0-727AE	Advanced Genetics, Inc.	Enlist	2.7	2838	32.7	20.6	49.6	55.3	52.5	--
CZ 2550GTLL	Credenz	LLGT27	2.5	2948	32.7	20.0	51.5	53.1	52.3	55.4
AG27X0	Asgrow	Xtend	2.7	2735	33.6	18.5	53.7*	50.2	52.0	--
CZ 2760GTLL	Credenz	LLGT27	2.7	2735	34.8	19.4	51.6	52.3	52.0	58.0
W 295	Wellman Seeds, Inc.	CV	2.9	2735	35.7	18.1	49.0	54.8	51.9	--
E3040 E3	Ebberts Field Seeds	Enlist	2.9	3110	29.7	21.0	47.1	56.2*	51.7	--
24DC3	Blue River Organic Seed	CV	2.4	2838	32.1	19.5	48.6	54.5	51.6	--
LGS2627RX	LG Seeds	Xtend	2.6	2987	34.0	18.6	51.0	51.9	51.5	--
3101RX	Advanced Genetics, Inc.	Xtend	3.1	2580	34.7	17.6	47.5	55.3	51.4	60.8
HS 25E00	Growmark, Inc.	Enlist	2.5	2640	35.0	17.8	48.9	53.9	51.4	--
9-726AE	Advanced Genetics, Inc.	Enlist	2.6	3338	31.6	20.7	49.5	51.7	50.6	--
XO 2501E	Xitavo	Enlist	2.5	2702	32.6	20.9	48.5	52.0	50.3	--
HS 24X80	Growmark, Inc.	Xtend	2.4	2838	34.3	18.7	50.4	49.2	49.8	51.3
XO 2711E	Xitavo	Enlist	2.7	2551	33.1	20.6	48.4	51.1	49.8	--
LS3005E3	Local Seed Company	Enlist	3.0	2640	33.0	20.0	48.6	50.8	49.7	--

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

TABLE 3: The 2020 Ohio Soybean Performance Trials, North Region - Early Varieties (RM 1.9-3.1)
CONTINUED FROM PREVIOUS PAGE

Variety	Entry Brand/Company Name	Type	Physical Characteristics				North Region Yield (bu/acre)			
			RM	Seeds/lb.	% Protein	% Oil	N1	N2	'20 Mean	'19-'20 Mean
LGS2444RX	LG Seeds	Xtend	2.4	3243	34.1	19.2	51.6	47.0	49.3	54.1
W 6928E	Wellman Seeds, Inc.	Enlist	2.8	2735	31.5	20.9	50.3	46.9	48.6	53.9
CZ 2360GTLL	Credenz	LLGT27	2.3	2987	32.9	20.5	47.8	48.5	48.2	--
29EA23	Stine Seed Company	Enlist	2.9	3068	30.9	21.2	48.5	46.9	47.7	--
CZ 2040GTLL	Credenz	LLGT27	2.0	2768	34.4	19.7	48.4	41.3	44.9	--
ZS1999GL	Local Seed Company	LLGT27	1.9	2609	34.2	19.8	46.4	42.5	44.5	--
		Min	1.9	2183	29.7	17.6	46.4	34.4	44.5	
		Max	3.1	3338	35.7	21.2	56.5	62.5	57.9	
		Mean	2.8	2786	33.3	19.4	51.4	54.3	53.0	
		LSD (0.1)					3.8	6.7		
		CV					6.4	10.5		

Note: Min, max, mean, LSD, and CV values include experimental cultivars that were not printed in this publication.

TABLE 4: The 2020 Ohio Soybean Performance Trials, North Region - Late Varieties (RM 3.2-3.9)

Variety	Entry Brand/Company Name	Type	Physical Characteristics				North Region Yield (bu/acre)			
			RM	Seeds/lb.	% Protein	% Oil	N1	N2	'20 Mean	'19-'20 Mean
W 5836X	Wellman Seeds, Inc.	Xtend	3.6	2551	33.0	19.4	55.0*	58.1**	56.6	56.2
388R2X	Ebberts Field Seeds	Xtend	3.8	2580	35.4	18.1	54.3*	54.7*	54.5	57.3
Strike 3500C	Burtch Seed Company, Inc.	CV	3.5	2522	34.7	18.1	53.5	55.5*	54.5	--
V3720S	Virtue Seeds	CV	3.7	2910	34.7	18.8	53.5	55.4*	54.5	--
368R2X	Ebberts Field Seeds	Xtend	3.6	2495	34.5	18.1	51.0	57.2*	54.1	55.3
HS 32E00	Growmark, Inc.	Enlist	3.2	2838	33.7	19.0	52.0	56.2*	54.1	--
Strike 3100C	Burtch Seed Company, Inc.	CV	3.2	2873	34.8	18.7	57.4**	50.4	53.9	--
3628R2X	Stewart Seeds	Xtend	3.6	2671	32.3	20.2	55.0*	52.3	53.7	--
HS 38X70	Growmark, Inc.	Xtend	3.8	2580	35.2	18.0	52.7	54.5*	53.6	53.5
AG36X6	Asgrow	Xtend	3.6	2551	34.5	18.8	53.9*	53.*	53.5	52.3
CZ 3750GTLL	Credenz	LLGT27	3.7	2702	32.6	19.7	51.8	54.9*	53.4	--
W 6138E	Wellman Seeds, Inc.	Enlist	3.8	3338	34.3	17.9	51.5	54.7*	53.1	--
3601RX	Advanced Genetics, Inc.	Xtend	3.6	2580	35.1	18.1	52.2	53.7*	53.0	54.3
GM 34E90	Luckey Farmers, Inc.	Enlist	3.4	2873	31.9	19.4	50.6	55.3*	53.0	--
HS 32X90	Growmark, Inc.	Xtend	3.2	3068	34.6	17.6	52.8	53.1*	53.0	58.5
SC 3330L™	Seed Consultants, Inc.	Liberty	3.3	2495	33.7	19.6	51.2	53.8*	52.5	58.9
W 6133E	Wellman Seeds, Inc.	Enlist	3.3	2873	31.9	19.8	51.6	53.4*	52.5	--
E3851 E3	Ebberts Field Seeds	Enlist	3.8	2838	34.9	17.9	55.3*	49.6	52.5	--
LS3207XS	Local Seed Company	Xtend	3.2	2768	34.0	18.1	53.7*	51.1	52.4	--
S32XS71	Dyna-Gro Seed	Xtend	3.2	2467	33.1	19.3	51.3	52.8*	52.1	--
Strike 3800C	Burtch Seed Company, Inc.	CV	3.8	2735	34.4	18.6	52.3	51.7	52.0	--
GH3546X	Golden Harvest	Xtend	3.5	2467	33.7	18.3	49.5	53.9*	51.7	54.2
S32EN01	Dyna-Gro Seed	Enlist	3.2	2873	32.1	19.7	53.2	50.2	51.7	--
CZ 3519GTLL	Credenz	LLGT27	3.5	2340	35.6	18.8	50.1	53.2*	51.7	53.8
AG38X8	Asgrow	Xtend	3.8	3338	31.9	19.9	53.3	50.0	51.7	54.3
AG37X0	Asgrow	Xtend	3.7	2735	35.0	18.3	52.0	51.2	51.6	--
CZ 3660GTLL	Credenz	LLGT27	3.6	3110	33.5	19.0	50.2	53.0*	51.6	55.1
AG33X0	Asgrow	Xtend	3.3	2802	35.0	17.9	49.2	53.7*	51.5	--
LS3906GL	Local Seed Company	LLGT27	3.9	2987	32.1	19.1	49.2	53.7*	51.5	--

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

TABLE 4: The 2020 Ohio Soybean Performance Trials, North Region - Late Varieties (RM 3.2-3.9)
CONTINUED FROM PREVIOUS PAGE

Variety	Entry Brand/Company Name	Type	Physical Characteristics				North Region Yield (bu/acre)			
			RM	Seeds/lb.	% Protein	% Oil	N1	N2	'20 Mean	'19-'20 Mean
HS 35X00	Growmark, Inc.	Xtend	3.5	2768	32.8	19.4	50.8	52.0	51.4	--
W 5932X	Wellman Seeds, Inc.	Xtend	3.2	2580	34.3	18.0	50.6	52.0	51.3	--
LS3976X	Local Seed Company	Xtend	3.9	3197	33.5	18.2	51.1	51.1	51.1	--
GM 34B11	Luckey Farmers, Inc.	LLGT27	3.4	2873	31.9	19.4	48.1	53.5*	50.8	--
3830R2X	Stewart Seeds	Xtend	3.8	3338	33.1	18.2	50.1	51.3	50.7	53.3
E3350 E3	Ebberts Field Seeds	Enlist	3.3	2640	34.4	18.5	48.1	53.3*	50.7	--
3303RX	Advanced Genetics, Inc.	Xtend	3.3	2873	34.2	18.5	51.7	49.4	50.6	55.7
LS3205GL	Local Seed Company	LLGT27	3.2	2702	32.4	19.8	51.1	50.0	50.6	--
Strike 3600C	Burtch Seed Company, Inc.	CV	3.6	2522	35.1	18.6	51.2	49.9	50.6	--
32CN08	Advanced Genetics, Inc.	CV	3.2	2640	32.0	19.8	48.5	52.5*	50.5	--
G3620RX	AgriGold	Xtend	3.6	2802	34.5	17.9	50.5	50.5	50.5	52.1
S3305N	Dyna-Gro Seed	CV	3.3	2910	34.8	19.0	48.5	52.3	50.4	58.2
HS 35B00	Growmark, Inc.	LLGT27	3.5	2609	32.7	18.6	51.8	48.8	50.3	--
3340R2X	Stewart Seeds	Xtend	3.3	2735	33.8	18.8	49.6	50.7	50.2	57.2
LS3606GL	Local Seed Company	LLGT27	3.6	2838	32.3	18.8	48.3	52.0	50.2	--
AG37X9	Asgrow	Xtend	3.7	3338	34.2	17.6	47.7	52.5*	50.1	55.2
34EA12	Stine Seed Company	Enlist	3.4	2702	30.8	20.3	46.0	54.1*	50.1	--
ZS3496GL	Local Seed Company	LLGT27	3.4	2671	33.9	18.5	51.8	48.2	50.0	55.9
GH3088X	Golden Harvest	Xtend	3.0	3027	33.3	19.6	51.2	48.7	50.0	--
S34GL79	Dyna-Gro Seed	LLGT27	3.4	2671	34.6	19.2	45.1	54.1*	49.6	55.4
E3741 E3	Ebberts Field Seeds	Enlist	3.7	3243	31.9	19.5	47.8	51.3	49.6	--
HS 34E80	Growmark, Inc.	Enlist	3.4	2551	33.1	19.7	47.8	51.2	49.5	--
330R2X	Ebberts Field Seeds	Xtend	3.3	2838	34.7	17.5	49.5	49.4	49.5	55.9
XO 3341E	Xitavo	Enlist	3.3	2910	32.7	19.5	50.5	48.2	49.4	--
351R2X	Ebberts Field Seeds	Xtend	3.5	2609	34.5	18.3	49.4	49.1	49.3	--
E3240 E3	Ebberts Field Seeds	Enlist	3.2	2987	33.9	19.0	44.9	53.6*	49.3	--
S3681STS	Dyna-Gro Seed	CV	3.6	2522	35.3	17.8	47.7	50.6	49.2	--
SC 7341E™	Seed Consultants, Inc.	Enlist	3.4	2873	33.1	19.3	49.7	48.6	49.2	--
G3285RX	AgriGold	Xtend	3.2	2495	35.6	17.7	49.9	48.4	49.2	51.3
AG33X8	Asgrow	Xtend	3.3	2640	36.1	18.0	46.6	51.5	49.1	53.6
GH3582E3	Golden Harvest	Enlist	3.5	2609	32.6	19.7	48.2	49.8	49.0	--
W 6032E	Wellman Seeds, Inc.	Enlist	3.2	2702	33.6	19.2	44.5	52.9*	48.7	52.3
3503RX	Advanced Genetics, Inc.	Xtend	3.5	2415	35.8	17.6	46.0	51.3	48.7	--
E3540 E3	Ebberts Field Seeds	Enlist	3.5	2735	32.5	19.3	47.0	50.3	48.7	--
S33EN09	Dyna-Gro Seed	Enlist	3.3	2671	32.1	19.8	46.0	51.1	48.6	55.3
HS 38E90	Growmark, Inc.	Enlist	3.8	2910	32.7	19.4	45.3	51.4	48.4	--
CZ 3309GTLL	Credenz	LLGT27	3.3	2580	33.1	19.8	46.2	50.2	48.2	50.4
CZ 3480GTLL	Credenz	LLGT27	3.4	2873	33.6	18.5	47.1	49.3	48.2	--
S35EN99	Dyna-Gro Seed	Enlist	3.5	2671	32.1	19.8	47.0	48.1	47.6	--
ZS3898E3S	Local Seed Company	Enlist	3.8	2910	32.8	19.5	47.6	47.1	47.4	--
W 6033E	Wellman Seeds, Inc.	Enlist	3.3	3027	29.9	20.1	44.7	49.4	47.1	--
W 6037E	Wellman Seeds, Inc.	Enlist	3.7	3110	31.8	20.2	45.3	41.9	43.6	51.1
		Min	3.2	2340	29.9	17.5	44.5	41.9	43.6	
		Max	3.9	3338	36.1	20.3	57.4	58.1	56.6	
		Mean	3.5	2779	33.6	18.9	50.0	51.7	50.9	
		LSD (0.1)					3.8	5.6		
		CV					6.4	9.3		

Note: Min, max, mean, LSD, and CV values include experimental cultivars that were not printed in this publication.

TABLE 5: The 2020 Ohio Soybean Performance Trials, Central Region - Early Varieties (RM 2.-3.3)

Variety	Entry		Physical Characteristics				Central Region Yield (bu/acre)			
	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	C1	C2	'20 Mean	'19-'20 Mean
S32EN01	Dyna-Gro Seed	Enlist	3.2	2873	32.1	19.7	64.0**	63.4*	63.7	—
W 6133E	Wellman Seeds, Inc.	Enlist	3.3	2873	31.9	19.8	62.1*	65.2*	63.7	—
36EA02	Stine Seed Company	Enlist	3.6	2838	33.1	18.7	58.9*	66.2*	62.6	—
AG30X8	Asgrow	Xtend	3.0	2838	33.1	19.0	58.6	66.4*	62.5	60.2
SC 3330L™	Seed Consultants, Inc.	Liberty	3.3	2495	33.7	19.6	59.1*	64.1*	61.6	64.3
AG33X0	Asgrow	Xtend	3.3	2802	35.0	17.9	60.2*	62.5	61.4	—
LS3207XS	Local Seed Company	Xtend	3.2	2768	34.0	18.1	60.8*	61.9	61.4	—
G3285RX	AgriGold	Xtend	3.2	2495	35.6	17.7	58.8	63.7*	61.3	57.0
G3000RX	AgriGold	Xtend	3.0	2838	35.4	17.6	58.9*	63.5*	61.2	—
LGS3202RX	LG Seeds	Xtend	3.2	2495	34.2	18.4	55.7	66.4*	61.1	—
CZ 3099GTLL	Credenz	LLGT27	3.0	2183	34.5	19.2	56.5	65.0*	60.8	55.9
S31EN91	Dyna-Gro Seed	Enlist	3.1	2551	35.0	18.1	53.8	67.7*	60.8	—
HS 32X90	Growmark, Inc.	Xtend	3.2	3068	34.6	17.6	60.4*	60.8	60.6	59.4
XO 3341E	Xitavo	Enlist	3.3	2910	32.7	19.5	52.7	68.4**	60.6	—
W 295	Wellman Seeds, Inc.	CV	2.9	2735	35.7	18.1	59.5*	61.2	60.4	—
W 5932X	Wellman Seeds, Inc.	Xtend	3.2	2580	34.3	18.0	57.0	62.9	60.0	59.7
HS 32E00	Growmark, Inc.	Enlist	3.2	2838	33.7	19.0	55.3	64.6*	60.0	—
E3350 E3	Ebberts Field Seeds	Enlist	3.3	2640	34.4	18.5	57.5	62.1	59.8	—
W 6131E	Wellman Seeds, Inc.	Enlist	3.1	2640	34.2	18.5	56.4	63.1*	59.8	—
S32XS71	Dyna-Gro Seed	Xtend	3.2	2467	33.1	19.3	57.8	61.6	59.7	—
C2888RX	LG Seeds	Xtend	2.8	2702	34.1	18.4	58.6	60.7	59.7	57.5
330R2X	Ebberts Field Seeds	Xtend	3.3	2838	34.7	17.5	54.9	64.2	59.6	60.1
3101RX	Advanced Genetics, Inc.	Xtend	3.1	2580	34.7	17.6	56.6	62.3	59.5	60.4
AG33X8	Asgrow	Xtend	3.3	2640	36.1	18.0	58.1	60.8	59.5	57.9
S33-D7X	NK Seeds	Xtend	3.3	2671	33.2	18.9	56.4	62.5	59.5	—
29DC5	Blue River Organic Seed	CV	2.7	2948	32.3	19.7	57.3	61.0	59.2	—
W 6033E	Wellman Seeds, Inc.	Enlist	3.3	3027	29.9	20.1	56.0	62.2	59.1	—
CZ 3309GTLL	Credenz	LLGT27	3.3	2580	33.1	19.8	51.4	66.4*	58.9	57.3
SC 7311E™	Seed Consultants, Inc.	Enlist	3.1	2580	34.5	18.4	50.2	67.5*	58.9	—
3340R2X	Stewart Seeds	Xtend	3.3	2735	33.8	18.8	57.6	59.7	58.7	60.2
3303RX	Advanced Genetics, Inc.	Xtend	3.3	2873	34.2	18.5	57.0	60.0	58.5	58.7
W 5928X	Wellman Seeds, Inc.	Xtend	2.8	2768	33.5	20.0	52.2	64.3*	58.3	59.7
HS 30X00	Growmark, Inc.	Xtend	3.0	2838	35.3	18.0	54.7	61.6	58.2	—
HS 28E90	Growmark, Inc.	Xtend	2.8	2987	32.6	20.5	52.9	62.9	57.9	—
XO 3131E	Xitavo	Enlist	3.1	2609	34.9	18.2	50.4	65.2*	57.8	—
E3040 E3	Ebberts Field Seeds	Enlist	2.9	3110	29.7	21.0	52.7	62.0	57.4	—
HS 28B00	Growmark, Inc.	LLGT27	2.8	2948	32.0	19.3	54.2	60.0	57.1	—
28EA02	Stine Seed Company	Enlist	2.8	3110	32.3	19.6	52.4	61.7	57.1	—
HS 28X70	Growmark, Inc.	Xtend	2.8	2609	34.7	18.3	55.1	58.8	57.0	58.4
XO 2921E	Xitavo	Enlist	2.9	2838	32.3	19.9	50.2	63.3*	56.8	—
32DC8	Blue River Organic Seed	CV	3.2	2248	34.3	18.8	51.8	61.7	56.8	—
S31GL41	Dyna-Gro Seed	LLGT27	3.1	3068	29.9	20.7	55.0	58.4	56.7	—
301R2X	Ebberts Field Seeds	Xtend	3.0	2873	35.4	17.7	54.0	59.3	56.7	—
W 6130E	Wellman Seeds, Inc.	Enlist	3.0	2768	31.8	20.1	51.3	61.8	56.6	—
E3151 E3	Ebberts Field Seeds	Enlist	3.1	2735	33.8	18.7	47.9	65.1*	56.5	—
32CN07	Advanced Genetics, Inc.	CV	3.2	2365	34.3	19.1	51.6	61.0	56.3	—
S31-E3S	NK Seeds	Enlist	3.1	2609	34.2	18.2	50.2	62.2	56.2	—
G2900RX	AgriGold	Xtend	2.9	2640	33.8	18.8	54.6	57.4	56.0	57.3
Strike 2900C	Burtch Seed Company, Inc.	CV	2.9	2702	34.5	19.0	51.5	60.5	56.0	—
GH2818E3	Golden Harvest	Enlist	2.8	2987	30.4	21.2	55.0	56.8	55.9	—
LGS3060RX	LG Seeds	Xtend	3.0	2609	34.0	18.4	52.4	58.7	55.6	54.2
ZS2898GL	Local Seed Company	LLGT27	2.8	2910	33.6	20.0	51.4	59.5	55.5	55.4
XO 2501E	Xitavo	Enlist	2.5	2702	32.6	20.9	50.2	60.6	55.4	—

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

TABLE 5: The 2020 Ohio Soybean Performance Trials, Central Region - Early Varieties (RM 2.2-3.3)
CONTINUED FROM PREVIOUS PAGE

Variety	Entry Brand/Company Name	Type	Physical Characteristics				Central Region Yield (bu/acre)			
			RM	Seeds/lb.	% Protein	% Oil	C1	C2	'20 Mean	'19-'20 Mean
W 6032E	Wellman Seeds, Inc.	Enlist	3.2	2702	33.6	19.2	48.9	60.2	54.6	54.0
S33EN09	Dyna-Gro Seed	Enlist	3.3	3027	33.1	20.0	51.6	57.4	54.5	53.6
W 5926X	Wellman Seeds, Inc.	Xtend	2.6	2910	31.2	20.6	49.0	59.9	54.5	—
AG27X0	Asgrow	Xtend	2.7	2735	33.6	18.5	51.6	56.6	54.1	—
CZ 2830GTLL	Credenz	LLGT27	2.8	2838	32.5	19.2	46.1	60.9	53.5	—
9-732AE	Advanced Genetics, Inc.	Enlist	3.2	2873	33.6	19.2	52.1	54.9	53.5	55.0
2801RX	Advanced Genetics, Inc.	Xtend	2.8	2838	34.3	18.4	53.3	53.4	53.4	55.0
HS 25E00	Growmark, Inc.	Enlist	2.5	2640	35.0	17.8	47.3	59.1	53.2	—
Strike 3100C	Burtch Seed Company, Inc.	CV	3.2	2873	34.8	18.7	45.8	60.6	53.2	—
LS3205GL	Local Seed Company	LLGT27	3.2	2702	32.4	19.8	55.2	50.5	52.9	—
E3240 E3	Ebberts Field Seeds	Enlist	3.2	2987	33.9	19.0	49.7	55.1	52.4	—
XO 2711E	Xitavo	Enlist	2.7	2551	33.1	20.6	49.0	55.5	52.3	—
LS3005E3	Local Seed Company	Enlist	3.0	2640	33.0	20.0	49.2	55.2	52.2	—
HS 31B00	Growmark, Inc.	LLGT27	3.1	2948	32.2	19.9	51.3	52.4	51.9	—
GH2788X	Golden Harvest	Xtend	2.7	2735	33.8	19.1	51.7	50.8	51.3	—
CZ 2910GTLL	Credenz	LLGT27	2.9	2838	29.7	20.2	48.8	52.9	50.9	—
CZ 2550GTLL	Credenz	LLGT27	2.5	2948	32.7	20.0	42.7	58.3	50.5	55.2
CZ 2760GTLL	Credenz	LLGT27	2.7	2735	34.8	19.4	47.8	52.8	50.3	51.6
AG25X9	Asgrow	Xtend	2.5	2987	32.4	20.1	48.3	51.1	49.7	52.1
XO 2391E	Xitavo	Enlist	2.3	3338	31.0	21.2	46.4	52.9	49.7	—
CZ 2360GTLL	Credenz	LLGT27	2.3	2987	32.9	20.5	42.9	52.5	47.7	—
CZ 2230GTLL	Credenz	LLGT27	2.2	2987	34.7	18.9	41.3	53.6	47.5	—
W 6928E	Wellman Seeds, Inc.	Enlist	2.8	2735	31.5	20.9	41.9	51.4	46.7	51.2
		Min	2.2	2183	29.7	17.5	41.3	50.5	46.7	
		Max	3.3	3338	36.1	21.2	64.0	68.4	63.7	
		Mean	3.0	2772	33.4	19.2	53.3	60.2	56.7	
		LSD (0.1)					5.1	5.3		
		CV					8.1	7.5		

Note: Min, max, mean, LSD, and CV values include experimental cultivars that were not printed in this publication.

TABLE 6: The 2020 Ohio Soybean Performance Trials, Central Region - Late Varieties (RM 3.4-4.2)

Variety	Entry Brand/Company Name	Type	Physical Characteristics				Central Region Yield (bu/acre)			
			RM	Seeds/lb.	% Protein	% Oil	C1	C2	'20 Mean	'19-'20 Mean
GH3546X	Golden Harvest	Xtend	3.5	2467	33.7	18.3	55.2	77.7**	66.5	62.3
3801RX	Advanced Genetics, Inc.	Xtend	3.8	2609	34.9	18.3	59.4*	70.6	65.0	60.7
S3681STS	Dyna-Gro Seed	CV	3.6	2522	35.3	17.8	59.5*	70.2	64.9	—
W 6138E	Wellman Seeds, Inc.	Enlist	3.8	3338	34.3	17.9	60.8*	66.5	63.7	—
LS4299XS	Local Seed Company	Xtend	4.2	2735	34.2	17.6	59.2*	68.1	63.7	—
3601RX	Advanced Genetics, Inc.	Xtend	3.6	2580	35.1	18.1	61.6**	65.3	63.5	59.3
HS 38X70	Growmark, Inc.	Xtend	3.8	2580	35.2	18.0	58.1*	68.7	63.4	57.8
LGS3777RX	LG Seeds	Xtend	3.7	2640	34.5	19.1	58.4*	68.1	63.3	59.0
G3722RX	AgriGold	Xtend	3.7	2580	35.2	18.2	56.6	68.8	62.7	58.1
Strike 3500C	Burtch Seed Company, Inc.	CV	3.5	2522	34.7	18.1	57.6*	67.3	62.5	—
S34GL79	Dyna-Gro Seed	LLGT27	3.4	2671	34.6	19.2	53.6	71.2	62.4	62.0
CZ 3750GTLL	Credenz	LLGT27	3.7	2702	32.6	19.7	56.1	68.7	62.4	—
SC 3361L™	Seed Consultants, Inc.	Liberty	3.6	2467	29.8	21.6	54.8	69.9	62.4	—
LS3606GL	Local Seed Company	LLGT27	3.6	2838	32.3	18.8	56.0	68.4	62.2	—
SC 7361E™	Seed Consultants, Inc.	Enlist	3.6	2671	33.6	18.6	55.1	69.3	62.2	—
HS 35B00	Growmark, Inc.	LLGT27	3.5	2609	32.7	18.6	53.8	70.6	62.2	—
AG36X6	Asgrow	Xtend	3.6	2551	34.5	18.8	57.8*	65.8	61.8	58.5
368R2X	Ebberts Field Seeds	Xtend	3.6	2495	34.5	18.1	55.3	67.7	61.5	59.4

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

TABLE 6: The 2020 Ohio Soybean Performance Trials, Central Region - Late Varieties (RM 3.4-4.2)
CONTINUED FROM PREVIOUS PAGE

Variety	Entry		Physical Characteristics				Central Region Yield (bu/acre)			
	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	C1	C2	'20 Mean	'19-'20 Mean
SC 7341E™	Seed Consultants, Inc.	Enlist	3.4	2873	33.1	19.3	51.3	71.6	61.5	—
HS 35X00	Growmark, Inc.	Xtend	3.5	2768	32.8	19.4	53.7	69.1	61.4	—
E3851 E3	Ebberts Field Seeds	Enlist	3.8	2838	34.9	17.9	52.7	70.1	61.4	—
CZ 3930GTLL	Credenz	LLGT27	3.9	2415	32.7	18.3	55.5	67.1	61.3	60.0
XO 3861E	Xitavo	Enlist	3.8	2948	32.7	19.5	55.8	66.7	61.3	—
S35-K9X	NK Seeds	Xtend	3.5	2551	33.5	18.6	53.9	68.2	61.1	—
AG38X8	Asgrow	Xtend	3.8	3338	31.9	19.9	55.6	66.0	60.8	57.6
388R2X	Ebberts Field Seeds	Xtend	3.8	2580	35.4	18.1	52.8	68.6	60.7	59.6
W 5836X	Wellman Seeds, Inc.	Xtend	3.6	2551	33.0	19.4	56.7	64.5	60.6	57.7
XO 3651E	Xitavo	Enlist	3.6	2987	34.1	18.4	52.4	68.6	60.5	—
CZ 3840GTLL	Credenz	LLGT27	3.8	2768	32.9	18.2	53.8	66.9	60.4	—
ZS3898E3S	Local Seed Company	Enlist	3.8	2910	32.8	19.5	52.8	67.9	60.4	58.1
LS3906GL	Local Seed Company	LLGT27	3.9	2987	32.1	19.1	54.1	66.3	60.2	—
AG42X9	Asgrow	Xtend	4.2	3027	33.5	19.0	54.7	65.7	60.2	54.6
ZS4295GLS	Local Seed Company	LLGT27	4.2	2609	35.5	17.5	54.2	66.2	60.2	—
3830R2X	Stewart Seeds	Xtend	3.8	3338	33.1	18.2	55.6	64.7	60.2	57.2
AG37X0	Asgrow	Xtend	3.7	2735	35.0	18.3	56.8	63.5	60.2	—
351R2X	Ebberts Field Seeds	Xtend	3.5	2609	34.5	18.3	54.1	65.8	60.0	—
G3520RX	AgriGold	Xtend	3.5	2640	35.6	18.3	52.7	67.2	60.0	56.0
S36ES70	Dyna-Gro Seed	Enlist	3.6	3110	31.3	20.1	52.5	67.3	59.9	—
S35-E3	NK Seeds	Enlist	3.5	2580	32.5	19.7	57.1	62.2	59.7	—
CZ 3480GTLL	Credenz	LLGT27	3.4	2873	33.6	18.5	53.0	66.3	59.7	—
Strike 3600C	Burtch Seed Company, Inc.	CV	3.6	2522	35.1	18.6	53.1	66.0	59.6	—
HS 34E80	Growmark, Inc.	Enlist	3.4	2551	33.1	19.7	54.9	64.0	59.5	—
CZ 3660GTLL	Credenz	LLGT27	3.6	3110	33.5	19.0	48.8	70.0	59.4	55.1
G3620RX	AgriGold	Xtend	3.6	2802	34.5	17.9	54.6	64.0	59.3	55.8
S35EN99	Dyna-Gro Seed	Enlist	3.5	2671	32.1	19.8	55.2	62.9	59.1	55.2
3503RX	Advanced Genetics, Inc.	Xtend	3.5	2415	35.8	17.6	53.6	64.3	59.0	—
V3720S	Virtue	CV	3.7	2910	34.7	18.8	48.9	68.9	58.9	—
Strike 3800C	Burtch Seed Company, Inc.	CV	3.8	2735	34.4	18.6	54.8	63.0	58.9	—
4029R2X	Stewart Seeds	Xtend	4.0	2702	35.0	17.5	55.3	62.5	58.9	—
AG37X9	Asgrow	Xtend	3.7	3338	34.2	17.6	51.2	66.2	58.7	56.5
G3850RX	AgriGold	Xtend	3.8	2640	33.7	18.7	52.0	65.4	58.7	52.9
HS 38E90	Growmark, Inc.	Enlist	3.8	2910	32.7	19.4	49.9	67.4	58.7	—
E3540 E3	Ebberts Field Seeds	Enlist	3.5	2735	32.5	19.3	51.9	65.3	58.6	—
SC 7381E™	Seed Consultants, Inc.	Enlist	3.8	2768	34.2	18.4	53.2	63.8	58.5	—
3628R2X	Stewart Seeds	Xtend	3.6	2671	32.3	20.2	53.3	63.6	58.5	—
E3741 E3	Ebberts Field Seeds	Enlist	3.7	3243	31.9	19.5	49.5	67.3	58.4	—
CZ 3519GTLL	Credenz	LLGT27	3.5	2340	35.6	18.8	53.5	63.2	58.4	58.3
34A7	Blue River Organic Seed	CV	3.4	2365	34.2	18.8	50.0	65.9	58.0	—
LGS3600RX	LG Seeds	Xtend	3.6	2768	34.7	17.9	50.2	65.1	57.7	55.0
3501RX	Advanced Genetics, Inc.	Xtend	3.5	2987	35.0	18.5	54.0	61.1	57.6	53.3
SC 8399X™	Seed Consultants, Inc.	Xtend	3.9	2671	32.1	19.5	51.9	62.7	57.3	—
LS3976X	Local Seed Company	Xtend	3.9	3197	33.5	18.2	51.5	63.0	57.3	—
9-737AE	Advanced Genetics, Inc.	Enlist	3.7	3068	32.9	19.4	49.0	65.3	57.2	56.7
W 6037E	Wellman Seeds, Inc.	Enlist	3.7	3110	31.8	20.2	50.1	64.0	57.1	55.2
AG41X8	Asgrow	Xtend	4.1	2551	—	—	51.8	60.6	56.2	57.2
GH3582E3	Golden Harvest	Enlist	3.5	2609	32.6	19.7	50.9	60.7	55.8	—
GH3088X	Golden Harvest	Xtend	3.7	3027	33.3	19.6	48.9	62.5	55.7	—
ZS3496GL	Local Seed Company	LLGT27	3.4	2671	33.9	18.5	54.4	55.5	55.0	55.7
SC 7390E™	Seed Consultants, Inc.	Enlist	3.9	3027	33.2	18.4	47.9	61.5	54.7	—
		Min	3.4	2340	29.8	17.5	45.6	55.5	54.7	
		Max	4.2	3338	35.8	21.6	61.6	77.7	66.5	
		Mean	3.7	2764	33.7	18.8	53.8	66.0	60.1	
		LSD (0.1)					4.3	4.5		
		CV					6.9	5.8		

TABLE 7: The 2020 Ohio Soybean Performance Trials, South Region - Early Varieties (RM 2.5-3.6)

Variety	Entry Brand/Company Name	Type	Physical Characteristics				South Region Yield (bu/ac)			
			RM	Seeds/lb.	% Protein	% Oil	S1	S2	'20 Mean	'19-'20 Mean
GH3546X	Golden Harvest	Xtend	3.5	2467	33.7	18.3	75.5*	81.9**	78.7	70.0
3628R2X	Stewart Seeds	Xtend	3.6	2671	32.3	20.2	79.2*	78.2*	78.7	—
AG33X0	Asgrow	Xtend	3.3	2802	35.0	17.9	79.4*	77.7*	78.6	—
351R2X	Ebberts Field Seeds	Xtend	3.5	2609	34.5	18.3	80.9**	75.4	78.2	—
SC 7341E™	Seed Consultants, Inc.	Enlist	3.4	2873	33.1	19.3	74.6*	80.8*	77.7	—
CZ 3309GTLL	Credenz	LLGT27	3.3	2580	33.1	19.8	74.4*	80.1*	77.3	67.9
368R2X	Ebberts Field Seeds	Xtend	3.6	2495	34.5	18.1	78.6*	75.1	76.9	67.8
CZ 3519GTLL	Credenz	LLGT27	3.5	2340	35.6	18.8	77.0*	76.6	76.8	69.0
SC 3361L™	Seed Consultants, Inc.	LL	3.6	2467	29.8	21.6	74.5*	78.6*	76.6	—
AG36X6	Asgrow	Xtend	3.6	2551	34.5	18.8	75.7*	77.2	76.5	67.5
CZ 3099GTLL	Credenz	LLGT27	3.0	2183	34.5	19.2	75.3*	76.9	76.1	66.9
XO 3651E	Xitavo	Enlist	3.6	2987	34.1	18.4	71.8	79.9*	75.9	—
330R2X	Ebberts Field Seeds	Xtend	3.3	2838	34.7	17.5	72.7	78.6*	75.7	—
W 5932X	Wellman Seeds, Inc.	Xtend	3.2	2580	34.3	18.0	72.8	78.5*	75.7	66.6
S32XS71	Dyna-Gro Seed	Xtend	3.2	2467	33.1	19.3	75.4*	75.1	75.3	—
CZ 3660GTLL	Credenz	LLGT27	3.6	3110	33.5	19.0	76.4*	73.8	75.1	62.7
SC 3330L™	Seed Consultants, Inc.	LL	3.3	2495	33.7	19.6	70.3	79.5*	74.9	—
GH3582E3	Golden Harvest	Enlist	3.5	2609	32.6	19.7	76.9*	72.8	74.9	—
W 5836X	Wellman Seeds, Inc.	Xtend	3.6	2551	33.0	19.4	69.9	79.4*	74.7	65.8
E3540 E3	Ebberts Field Seeds	Enlist	3.5	2735	32.5	19.3	74.3*	74.0	74.2	—
W 5928X	Wellman Seeds, Inc.	Xtend	2.8	2768	33.5	20.0	75.4*	72.5	74.0	65.7
LS3606GL	Local Seed Company	LLGT27	3.6	2838	32.3	18.8	69.5	77.4	73.5	—
G3285RX	AgriGold	Xtend	3.2	2495	35.6	17.7	73.9*	72.6	73.3	63.9
S36-E3	NK Seeds	Enlist	3.6	3027	34.1	19.0	73.1	73.2	73.2	—
G3620RX	AgriGold	Xtend	3.6	2802	34.5	17.9	74.1*	72.1	73.1	66.0
XO 3131E	Xitavo	Enlist	3.1	2609	34.9	18.2	68.2	77.9*	73.1	—
XO 3341E	Xitavo	Enlist	3.3	2910	32.7	19.5	67.9	77.9*	72.9	—
W 6033E	Wellman Seeds, Inc.	Enlist	3.3	3027	29.9	20.1	74.3*	71.4	72.9	—
G3520RX	AgriGold	Xtend	3.5	2640	35.6	18.3	73.2	72.2	72.7	62.3
SC 7361E™	Seed Consultants, Inc.	Enlist	3.6	2671	33.6	18.6	67.6	77.8*	72.7	—
AG33X8	Asgrow	Xtend	3.3	2640	36.1	18.0	73.5	70.6	72.1	60.2
S36ES70	Dyna-Gro Seed	Enlist	3.6	3110	31.3	20.1	67.0	76.9	72.0	—
35DC2	Blue River Organic Seed	CV	3.5	2838	33.8	18.7	71.7	71.0	71.4	—
LS3207XS	Local Seed Company	Xtend	3.2	2768	34.0	18.1	72.3	70.3	71.3	—
S3681STS	Dyna-Gro Seed	CV	3.6	2522	35.3	17.8	65.3	76.9	71.1	—
34A7	Blue River Organic Seed	CV	3.4	2365	34.2	18.8	63.0	79.0*	71.0	—
W 6131E	Wellman Seeds, Inc.	Enlist	3.1	2640	34.2	18.5	63.2	78.2*	70.7	—
CZ 3480GTLL	Credenz	LLGT27	3.4	2873	33.6	18.5	67.8	73.1	70.5	—
S34GL79	Dyna-Gro Seed	LLGT27	3.4	2671	34.6	19.2	65.0	75.5	70.3	—
LS3205GL	Local Seed Company	LLGT27	3.2	2702	32.4	19.8	67.2	73.1	70.2	—
XO 2921E	Xitavo	Enlist	2.9	2838	32.3	19.9	67.7	70.6	69.2	—
CZ 2760GTLL	Credenz	LLGT27	2.7	2735	34.8	19.4	68.2	65.9	67.1	61.1
ZS3496GL	Local Seed Company	LLGT27	3.4	2671	33.9	18.5	64.3	69.7	67.0	63.1
32DC8	Blue River Organic Seed	CV	3.2	2248	34.3	18.8	63.9	69.9	66.9	—
XO 2501E	Xitavo	Enlist	2.5	2702	32.6	20.9	67.2	66.5	66.9	—
W 6133E	Wellman Seeds, Inc.	Enlist	3.3	2873	31.9	19.8	60.0	73.3	66.7	—
W 6032E	Wellman Seeds, Inc.	Enlist	3.2	2702	33.6	19.2	62.3	68.6	65.5	59.5

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

TABLE 7: The 2020 Ohio Soybean Performance Trials, South Region - Early Varieties (RM 2.5-3.6)
CONTINUED FROM PREVIOUS PAGE

Variety	Entry Brand/Company Name	Type	Physical Characteristics				South Region Yield (bu/acre)			
			RM	Seeds/lb.	% Protein	% Oil	S1	S2	'20 Mean	'19-'20 Mean
ZS2898GL	Local Seed Company	LLGT27	2.8	2910	33.6	20.0	60.2	69.4	64.8	—
W 6130E	Wellman Seeds, Inc.	Enlist	3.0	2768	31.8	20.1	58.5	67.5	63.0	—
W 6928E	Wellman Seeds, Inc.	Enlist	2.8	2735	31.5	20.9	54.4	69.4	61.9	56.3
LS3005E3	Local Seed Company	Enlist	3.0	2640	33.0	20.0	55.5	65.6	60.6	—
		Min	2.5	2183	29.8	17.5	54.4	59.8	60.6	
		Max	3.6	3110	36.1	21.6	80.9	81.9	78.7	
		Mean	3.3	2689	33.6	19.1	70.2	73.3	72.4	
		LSD (0.1)					7.1	4.4		
		CV					8.5	5.1		

Note: Min, max, mean, LSD, and CV values include experimental cultivars that were not printed in this publication.

TABLE 8: The 2020 Ohio Soybean Performance Trials, South Region - Late Varieties (RM 3.7-4.4)

Variety	Entry Brand/Company Name	Type	Physical Characteristics				South Region Yield (bu/ac)			
			RM	Seeds/lb.	% Protein	% Oil	S1	S2	'20 Mean	'19-'20 Mean
AG42X9	Asgrow	Xtend	4.2	3027	33.5	19.0	86.7**	84.2*	85.5	76.7
4228R2X	Stewart Seeds	Xtend	4.2	2838	34.6	16.9	85.9*	84.2*	85.1	—
G3722RX	AgriGold	Xtend	3.7	2580	35.2	18.2	83.2*	84.6*	83.9	73.4
LS4299XS	Local Seed Company	Xtend	4.2	2735	34.2	17.6	82.7*	81.3	82.0	72.2
GH3728X	Golden Harvest	Xtend	3.7	3110	35.1	18.1	84.9*	77.8	81.4	74.1
XO 3861E	Xitavo	Enlist	3.8	2948	32.7	19.5	78.0	83.4*	80.7	—
G3850RX	AgriGold	Xtend	3.8	2640	33.7	18.7	80.7	80.2	80.5	70.5
S37XS89	Dyna-Gro Seed	Xtend	3.7	2671	34.6	18.4	79.2	81.2	80.2	75.1
3830R2X	Stewart Seeds	Xtend	3.8	3338	33.1	18.2	78.0	81.8	79.9	69.5
388R2X	Ebberts Field Seeds	Xtend	3.8	2580	35.4	18.1	78.2	81.3	79.8	71.8
AG38X8	Asgrow	Xtend	3.8	3338	31.9	19.9	79.9	79.1	79.5	70.3
AG37X0	Asgrow	Xtend	3.7	2735	35.0	18.3	80.5	77.2	78.9	—
LS3976X	Local Seed Company	Xtend	3.9	3197	33.5	18.2	77.1	79.4	78.3	74.0
XO 4371E	Xitavo	Enlist	4.3	2609	34.5	18.7	71.8	84.3*	78.1	—
S39-E3	NK Seeds	Enlist	3.9	2551	33.5	19.1	76.2	79.4	77.8	—
S39GL11	Dyna-Gro Seed	LLGT27	3.9	2671	33.5	18.1	70.3	85.0**	77.7	—
CZ 3930GTLL	Credenz	LLGT27	3.9	2415	32.7	18.3	72.3	81.9*	77.1	73.6
CZ 4241GTLL	Credenz	LLGT27	4.2	2609	34.1	17.9	72.3	81.9*	77.1	—
AG37X9	Asgrow	Xtend	3.7	3338	34.2	17.6	74.4	79.4	76.9	69.4
AG43X0	Asgrow	Xtend	4.3	2948	33.8	17.2	78.6	75.2	76.9	—
AG41X8	Asgrow	Xtend	4.1	2551	—	—	78.5	74.4	76.5	73.1
SC 7381E™	Seed Consultants, Inc.	Enlist	3.8	2768	34.2	18.4	74.3	78.5	76.4	—
E3851 E3	Ebberts Field Seeds	Enlist	3.8	2838	34.9	17.9	74.4	78.1	76.3	—
CZ 3840GTLL	Credenz	LLGT27	3.8	2768	32.9	18.2	69.7	82.2*	76.0	—
40EB22	Stine Seed Company	Enlist	4.0	2768	35.1	17.7	71.6	79.4	75.5	—
SC 3399L™	Seed Consultants, Inc.	LL	3.9	2415	33.4	18.6	70.1	79.8	75.0	72.4
CZ 3750GTLL	Credenz	LLGT27	3.7	2702	32.6	19.7	69.6	79.4	74.5	—
ZS3898E3S	Local Seed Company	Enlist	3.8	2910	32.8	19.5	70.6	77.7	74.2	70.0
4029R2X	Stewart Seeds	Xtend	4.0	2702	35.0	17.5	74.5	73.5	74.0	70.8
S41ES80	Dyna-Gro Seed	Enlist	4.1	3290	33.8	18.6	72.2	75.4	73.8	—
S3961STS	Dyna-Gro Seed	CV	3.9	2270	35.9	17.5	69.2	78.3	73.8	—

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

TABLE 8: The 2020 Ohio Soybean Performance Trials, South Region - Late Varieties (RM 3.7-4.4)
CONTINUED FROM PREVIOUS PAGE

Entry			Physical Characteristics				South Region Yield (bu/ac)			
Variety	Brand/Company Name	Type	RM	Seeds/lb.	% Protein	% Oil	S1	S2	'20 Mean	'19-'20 Mean
39EA02	Stine Seed Company	Enlist	3.9	2671	34.6	18.1	69.8	77.2	73.5	—
LS3906GL	Local Seed Company	LLGT27	3.9	2987	32.1	19.1	68.7	78.2	73.5	—
W 6037E	Wellman Seeds, Inc.	Enlist	3.7	3110	31.8	20.2	67.4	78.3	72.9	67.7
E3741 E3	Ebberts Field Seeds	Enlist	3.7	3243	31.9	19.5	69.1	75.1	72.1	—
S37EN39	Dyna-Gro Seed	Enlist	3.7	2671	33.2	18.9	65.6	78.3	72.0	70.1
W 6138E	Wellman Seeds, Inc.	Enlist	3.8	3338	34.3	17.9	62.1	81.1	71.6	—
CZ 4240GTLL	Credenz	LLGT27	4.2	2522	35.9	17.1	68.3	74.8	71.6	—
V3720S	Virtue	CV	3.7	2910	34.7	18.8	67.7	74.5	71.1	—
ZS4295GLS	Local Seed Company	LLGT27	4.2	2609	35.5	17.5	66.8	74.5	70.7	—
SC 8399X™	Seed Consultants, Inc.	Xtend	3.9	2671	32.1	19.5	66.4	74.6	70.5	68.5
LS4407X	Local Seed Company	Xtend	4.4	2948	33.1	19.0	66.3	72.8	69.6	—
SC 7390E™	Seed Consultants, Inc.	Enlist	3.9	3027	33.2	18.4	66.8	70.6	68.7	—
S39EN19	Dyna-Gro Seed	Enlist	3.9	2838	33.0	19.0	57.9	74.4	66.2	66.3
S13-2743C	University of Missouri	CV	4.1	3492	33.7	17.1	59.3	68.6	64.0	64.2
		Min	3.7	2270	31.8	16.9	53.1	59.3	64.0	
		Max	4.4	3492	35.9	20.2	86.7	85.0	85.5	
		Mean	3.9	2842	33.8	18.4	72.3	77.6	75.8	
		LSD (0.1)					5.6	3.1		
		CV					6.6	3.4		

Note: Min, max, mean, LSD, and CV values include experimental cultivars that were not printed in this publication.