



THE OHIO STATE
UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

THE 2017 OHIO SOYBEAN PERFORMANCE TRIALS

Wayde Looker, Matthew Hankinson, John McCormick, and Laura Lindsey

Department of Horticulture and Crop Science
Ohio State University Extension and OARDC

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. All sites had corn as the previous crop and received no tillage prior to soybean planting. Farmer cooperators sprayed preemergence herbicides (varied by location). Postemergence herbicides included: Basagran, Flex Star, First Rate, and Select Max. The C1 location was too wet for POST herbicide application and was hand-weeded.

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 2017 entries were submitted voluntarily by seed companies. Entry fee charges were paid per entry and region. Trial data were not published for the N1 (Henry County) location due to extremely variable yield from wet field conditions in the spring followed by dry weather.

Test by Maturity and Type. Varieties are grouped, tested and analyzed by maturity (early and late). Conventional, Liberty Link, Roundup Ready, and Xtend varieties were tested in the same block to allow for head-to-head comparisons. Conventional herbicides were sprayed on all entries. Conventional, Liberty Link, Roundup Ready, and Xtend entries are statistically comparable within a maturity grouping (early or late). Use the table below to find varieties by region, maturity, and type.

2017 Tables by Type, Region, Maturity Grouping			
Conventional, Liberty Link, Roundup Ready, and Xtend	North	Early (2.3-3.0)	Table 3
		Late (3.1-3.9)	Table 4
Conventional, Liberty Link, Roundup Ready, and Xtend	Central	Early (2.5-3.3)	Table 5
		Late (3.4-3.9)	Table 6
Conventional, Liberty Link, Roundup Ready, and Xtend	South	Early (3.2-3.6)	Table 7
		Late (3.7-4.3)	Table 8

MEASUREMENTS AND RECORDS

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

Lodging Score. There was limited lodging at all trial locations except S2 (Clinton County). Lodging was rated at the S2 location at harvest using the scale: 1 = nearly all plants erect, 2 = most plants leaning slightly, 3 = most plants leaning moderately (45° angle), 4 = most plants horizontal, 5 = 80% or more of the plants down on the soil surface.

Seed Size is reported as number of seeds per pound.

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. Grain was not collected for two varieties and listed as “not tested.”

Protein, Oil %. Analysis was determined by near infrared transmittance technology. The test was performed using a Tecator Infratec whole grain analyzer calibrated with the Composition Systems Calibration developed at Iowa State University and is reported at 13 percent moisture. Grain was not collected for two varieties and listed as “not tested.”

LSD. A Least Significant Difference (LSD) for yield was computed for each maturity group. LSD's are reported in bushels per acre at 13 percent moisture. Yields of two varieties within a maturity group 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.



Table 1: The 2017 Ohio Soybean Performance Trials, Site Descriptions

	N2 Sandusky Co.	C1 Mercer Co.	C2 Marion Co.	S1 Preble Co.	S2 Clinton Co.
Soil texture	Clay	Silty clay loam	Clay loam	Silty clay	Silt loam
Soil pH	6.5	6.8	6.3	6.0	6.6
Soil Test P-Mehlich (ppm)	17	89	28	92	116
Soil Test K (ppm)	118	150	168	188	203
Plant date	19-May	7-Jun	17-May	30-May	16-May
Harvest date	19-Oct	21-Oct	2-Oct (early); 4-Oct (late)	17-Oct	16-Oct

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.

Key traits, characteristics and yield data for a variety can be located using its table number (#) associated with each entry in this directory.																				
Company/Variety/ Brand	Seed Treatment	Maturity Rating	Type r/n/l	Table #	Company/Variety/ Brand	Seed Treatment	Maturity Rating	Type r/n/l	Table #	Company/Variety/ Brand	Seed Treatment	Maturity Rating	Type r/n/l	Table #	Company/Variety/ Brand	Seed Treatment	Maturity Rating	Type r/n/l	Table #	
Advanced Genetics, Inc. 11491 Foundation Rd. Box 6 Croton, OH 43013-0145 www.advancedgeneticsinc.com	740-893-2501				Dairyland Seed PO Box 958 West Bend, WI 53095 www.dairylandseed.com	800-236-0163				MONSANTO 800 North Lindbergh Blvd. St. Louis, MO 63167 www.agantime.com	800-768-6387				Shur Grow 11177 Twp. Rd. 133 West Mansfield, OH 43358 www.heritagecooperative.com	800-321-7333				
AGI 26RY2	AB + TT	2.6	RR2Y	3, 5	DSR-2909/R2Y	CM + OP	2.9	RR2Y	3	AG26X8	AC	2.6	Xtend	3	ShurGrow SG-2714R2	None	2.7	RR2Y	3	
AGI 2601RX	IS + MK	2.6	Xtend	3	DSR-3028/R2Y	CM + OP	3.0	RR2Y	3	AG27X7	AC	2.7	Xtend	3, 5	ShurGrow SG-2728R2	None	2.7	Xtend	3	
AGI 27M05	None	2.7	GT	3	DSR-3250/R2Y	CM + OP	3.2	RR2Y	4	AG30X6	AC	3.0	Xtend	3, 5	ShurGrow SG-2815R2	None	2.8	RR2Y	3	
AGI 28RY3	None	2.8	RR2Y	3	DSR-3555/R2Y	CM + OP	3.5	RR2Y	4, 6	AG30X8	AC	3.0	Xtend	3, 5	ShurGrow SG-2928R2	None	2.9	Xtend	3	
AGI 28LL01	None	2.8	LL	3						AG32X6	AC	3.2	Xtend	4, 5, 7	ShurGrow SG-3026R2	None	3.0	Xtend	3, 5	
AGI 2801RX	IS + MK	2.8	Xtend	3	Dyna-Gro Seed 615 Hilliard Rome Rd. Columbus, OH 43228	614-620-5008				AG32X8	AC	3.2	Xtend	4, 5, 7	ShurGrow SG-3111R2	None	3.1	RR2Y	4, 5	
AGI 29RY3	IS + MK	2.9	RR2Y	3, 5						AG33X8	AC	3.3	Xtend	4, 5, 7	ShurGrow SG-3116R2	None	3.1	RR2Y	4, 5	
AGI 30RY3	None	3.0	RR2Y	3, 5						AG34X6	AC	3.4	Xtend	4, 6, 7	ShurGrow SG-3213R2	None	3.2	RR2Y	4, 5	
AGI 3002RX	IS + MK	3.0	Xtend	3						AG35X7	AC	3.5	Xtend	4, 6, 7	ShurGrow SG-3328R2	None	3.3	Xtend	4, 5	
AGI 30M08	EC	3.0	GT	3, 5	Dyna-Gro S26XT88	EQ + C	2.6	Xtend	3	AG36X6	AC	3.6	Xtend	4, 6, 7	ShurGrow SG-3428R2	None	3.4	Xtend	6	
AGI 31RY6	None	3.1	RR2Y	4, 5	Dyna-Gro S26RY37	EQ + C	2.6	RR2Y	3	AG38X6	AC	3.8	Xtend	4, 6, 8	ShurGrow SG-3415R2	None	3.4	RR2Y	6	
AGI 31R2Y2	AB + TT	3.1	RR2Y	4, 5	Dyna-Gro S28XT58	EQ + C	2.8	Xtend	3, 5	AG38X8	AC	3.8	Xtend	4, 6, 8	ShurGrow SG-3515R2	None	3.5	RR2Y	6	
AGI 31L01	None	3.1	LL	4	Dyna-Gro S2908N	EQ + C	2.9	CV	3	AG39X7	AC	3.9	Xtend	8	ShurGrow SG-3628R2	None	3.6	Xtend	7	
AGI 31CN07	None	3.1	CV	4	Dyna-Gro S29LL18	EQ + C	2.9	LL	3	AG40X6	AC	4.0	Xtend	8	ShurGrow SG-3817R2	None	3.8	RR2Y	8	
AGI 32R2Y4	AB + TT	3.2	RR2Y	4, 5	Dyna-Gro S30XT96	EQ + C	3.0	Xtend	3, 5	AG41X8	AC	4.1	Xtend	8						
AGI 3302RX	IS + MK	3.3	Xtend	5	Dyna-Gro S33RY76	EQ + C	3.3	RR2Y	4, 5											
AGI 35RY4	AB + TT	3.5	RR2Y	6	Dyna-Gro S305N	EQ + C	3.3	CV	4, 5	NK										
AGI 36RY2	IS + MK	3.6	RR2Y	6	Dyna-Gro S33XT07	EQ + C	3.3	Xtend	4, 5	11055 Wayzata Blvd Minnetonka, MN 55305	800-445-0956									
AGI 36LL01	IS + MK	3.6	LL	6	Dyna-Gro S34XT78	EQ + C	3.4	Xtend	4, 6											
AGI 3601RX	IS + MK	3.6	Xtend	6	Dyna-Gro S35XT97	EQ + C	3.5	Xtend	6, 7											
AGI 37RY3	IS + MK	3.7	RR2Y	6	Dyna-Gro S36LL77	EQ + C	3.6	LL	6, 7	NK S27-M8X	CC	2.7	Xtend	3	Stewart 2827R2X	AS	2.8	Xtend	3, 5	
AGI 38RY3	IS + MK	3.8	RR2Y	6	Dyna-Gro S38LL54	EQ + C	3.8	LL	8	NK S29-K3X	CC	2.9	Xtend	3	Stewart 2838R2X	AS	2.8	Xtend	3, 5	
AGI 37RY2	IS + MK	3.7	RR2Y	6	Dyna-Gro S3805N	EQ + C	3.8	CV	8	NK S31-Y2X	CC	3.1	Xtend	5	Stewart 3337R2X	AS	3.3	Xtend	4, 5	
AGI 3701RX	IS + MK	3.7	Xtend	6	Dyna-Gro S39XT08	EQ + C	3.9	Xtend	6, 8	NK S33-T8X	CC	3.3	Xtend	4, 5	Stewart 3527R2X	AS	3.5	Xtend	4, 6, 7	
					Dyna-Gro S39XT68	EQ + C	3.9	Xtend	8	NK S35-K9X	CC	3.5	Xtend	4, 6, 7	Stewart 3628R2X	AS	3.6	Xtend	4, 6, 7	
					Dyna-Gro S39RY65	EQ + C	3.9	RR2Y	6, 8	NK S37-H5X	CC	3.7	Xtend	6	Stewart 3827R2X	AS	3.8	Xtend	4, 6, 8	
					Dyna-Gro S41XS98	EQ + C	4.1	Xtend/STS	8	NK S39-P5X	CC	3.9	Xtend	8	Stewart 4116R2X	AS	4.1	Xtend	8	
AGRA Solutions LLC 23778 Delphos Jennings Rd Delphos, OH 45833-8932	888-695-5503																			
	http://www.agrasolutions.com/																			
Key 1829L	EN	2.9	LL	3, 5	Ebberts Field Seeds Inc. 6840 N State Route 48 Covington, OH 45318	937-473-2521				NuTech Seed, LLC 2321 North Loop Dr., Suite 120 Ames, IA 50010	800-942-6748				Wellman Seeds, Inc. 23778 Delphos Jennings Rd Delphos, OH 45833	800-717-7333				
Key 1732L	EN	3.2	LL	4, 5, 7																
Key 1735L	EN	3.5	LL	4, 6, 7																
AgriGold Hybrids 5381 Akin Rd St. Francisville, IL 62460	800-262-7333				Ebberts 28R2X	IS	2.8	Xtend	3, 5	NuTech 3252L	SC	2.5	LL	3	W 5826	EN	2.6	Xtend	3, 5	
					Ebberts 306R2X	IS	3.0	Xtend	3, 5	NuTech 7279	SC	2.7	GT	3, 5	W 295	EN	2.6	CV	3, 5	
					Ebberts 4327LL	IS	3.2	LL	4, 5	NuTech 3273L	SC	2.7	LL	3, 5	W 5828	EN	2.6	Xtend	3, 5	
					Ebberts 338R2X	IS	3.3	Xtend	4, 5, 7	NuTech 3309L	SC	3.0	LL	3, 5	W 5829	EN	2.9	Xtend	3, 5	
G2801RX	AGN	2.8	Xtend	3, 5	Ebberts 358R2X	IS	3.4	Xtend	4, 6, 7	NuTech 7317	SC	3.1	GT	4, 5	W 4732	EN	3.2	RR2Y	4, 5, 7	
G2900RX	AGN	2.9	Xtend	3, 5	Ebberts 4357LL	IS	3.5	LL	6, 7	NuTech 3343L	SC	3.4	LL	6, 7	W 4339	EN	3.3	RR2Y	4, 5, 7	
G3324RX	AGN	3.3	Xtend	4, 5	Ebberts 368R2X	IS	3.6	Xtend	4, 6, 7	NuTech 7352X	SC	3.5	Xtend	4, 6, 7	W 4339	EN	3.6	Xtend	4, 6, 7	
G3410RX	AGN	3.4	Xtend	4, 6, 7	Ebberts 388R2X	IS	3.7	Xtend	6, 8	NuTech 7365	SC	3.6	GT	4, 6, 7						
G3520RX	AGN	3.5	Xtend	4, 6, 7	Ebberts 4398LL	IS	3.9	LL	6, 8	NuTech 7387X	SC	3.8	Xtend	6, 8						
G3690RX	AGN	3.6	Xtend	4, 6, 7						NuTech 3386L	SC	3.8	LL	6, 8						
G3712RX	AGN	3.7	Xtend	8	Golden Harvest 11055 Wayzata Blvd Minnetonka, MN 55305	800-445-0956				NuTech 7406	SC	4.0	GT	8						
G3830RX	AGN	3.8	Xtend	8						NuTech 7410X	SC	4.1	Xtend	8						
G3980RX	AGN	3.9	Xtend	8																
Beck's Hybrids 6767 East 276th Street Atlanta, IN 46031-9616 www.beckshybrids.com	317-984-3508				GH2788	CC	2.7	Xtend	3	Ohio Foundation Seeds, Inc. (Public Certified) 11491 Foundation Rd Crotont, OH 43013	740-893-2501									
Beck's 2899X2	ES	2.8	Xtend	3	GH2981X	CC	2.9	Xtend	3, 5											
Beck's 296L4	ES	2.9	LL	3, 5	GH3195X	CC	3.1	Xtend	4	Summit	IS + MK	2.6	CV	3, 5						
Beck's 3091X2	ES	3.0	Xtend	5	GH3324X	CC	3.3	Xtend	5	Wyandot14	IS + MK	2.9	CV	3, 5						
Beck's 338L4	ES	3.3	LL	5	GH3546X	CC	3.5	Xtend	4, 6	Illiini 2904N	IS + MK	2.9	CV	3						
Beck's 3559X2	ES	3.5	Xtend	4, 6	GH3761X	CC	3.7	Xtend	8	Illiini 3025	IS + MK	3.0	CV	3, 5						
Beck's 366L4	ES	3.6	LL	6	GH3982X	CC	3.9	Xtend	6, 8	Streeter	IS + MK	3.0	CV	3, 5						
Beck's 382L4	ES	3.8	LL	6	Great Lakes Hybrids 9915 West M-21 Ovid, MI 48866 www.greatlakeshybrids.com	800-257-7333				Lorain	IS + MK	3.4	CV	4, 6, 7						
Burts Seed Company 4742 Tama Rd. Celina, OH 45822 www.burtsseed.com	419-337-1841				GL2870NRX	AG + IL	2.8	Xtend	3	Rupp Seeds, Inc. 17919 Co. Rd. B Wauseon, OH 43567	419-337-1841									
Burts 3112-E	CM + V	3.1	CV	4, 6, 7	GL3055NRX	AG + IL	3.0	Xtend	3, 5											
Burts 3516 GTS	CM + V	3.5	GT	4, 6	GL3460NRX	AG + IL	3.4	Xtend	4, 6, 7	Rupp RS24XT53	CM	2.4	Xtend	3						
Burts 3615-E	CM + V	3.6	CV	4, 6, 7	GL3571NRX	AG + IL	3.5	Xtend	4, 6, 7	Rupp RS26XT00	CM	2.6	Xtend	3						
Burts 3715 GTS	CM + V	3.7	GT	4, 6, 8	1701 Towanda Ave. Bloomington, IL 61701	309-557-6399				Rupp RS7283	CM	2.8	RR2Y	3						
Burts 3916-E	CM + V	3.9	CV	6, 8</td																

TABLE 3: The 2017 Ohio Soybean Performance Trials, North Region - Early Varieties (RM 2.3-3.0)

Brand/Variety	Company Name	Type	Physical Characteristics				N2	'16-'17 Mean
			Rel. Mat.	Seeds/lb.	% Protein	% Oil		
NK S29-K3X	NK	Xtend	2.9	2910	34.4	17.3	58.5**	
AGI 26RY2	Advanced Genetics Inc	RR2Y	2.6	3426	35.0	18.0	58.2*	
SC 9238R	Seed Consultants Inc	GT	2.3	3328	32.9	19.9	57.5*	
HS 25X70	Growmark	Xtend	2.5	3148	32.8	19.2	56.5*	
W 5826	Wellman Seeds	Xtend	2.6	3328	35.7	17.0	55.9*	
Illini 2904N	Ohio Foundation Seeds	Conv.	2.9	2994	33.2	19.1	54.8*	
AGI 27M05	Advanced Genetics Inc	GT	2.7	3508	34.7	17.8	54.7*	
Shur Grow SG-2714R2R	Shur Grow	RR2Y	2.7	2951	36.7	16.8	54.0*	
G2801RX	Agrigold	Xtend	2.8	3022	34.1	18.2	53.4*	
CZ 2878 EXP	Bayer/Credenz	EXP	2.8	2947	30.9	20.1	53.4*	
Dyna-Gro S30XT96	Dyna-Gro Seed	Xtend	3.0	3018	35.9	17.5	53.3*	
W 5828	Wellman Seeds	Xtend	2.8	3022	35.7	17.0	53.2*	
W 295	Wellman Seeds	Conv.	2.6	2884	36.9	16.9	53.1*	56.4
Shur Grow SG-3026R2X	Shur Grow	Xtend	3.0	3082	35.5	17.7	53.0*	56.0
Stewart 2827R2X	Stewart Seeds	Xtend	2.8	3311	36.8	17.5	52.7*	
GH2981X	Golden Harvest	Xtend	2.9	2802	34.7	17.4	52.7*	
Dyna-Gro S29LL18	Dyna-Gro Seed	Liberty	2.9	3016	34.6	18.5	52.5*	
AG30X8	Asgrow	Xtend	3.0	3124	35.4	17.6	52.5*	
Dyna-Gro S26XT88	Dyna-Gro Seed	Xtend	2.6	3429	35.9	17.9	52.0*	
AG27X7	Asgrow	Xtend	2.7	3390	34.9	18.2	52.0*	
Shur Grow SG-2815R2R	Shur Grow	RR2Y	2.8	3313	35.9	17.2	52.0*	53.2
Key 1829L	AGRA Solutions LLC	Liberty	2.9	3185	33.2	18.7	51.9*	
AGI 2601RX	Advanced Genetics Inc	Xtend	2.6	3449	36.6	16.5	51.4	53.9
Summit	Ohio Foundation Seeds	Conv.	2.6	2833	35.2	17.8	50.4	51.2
G2900RX	Agrigold	Xtend	2.9	3040	34.6	17.4	50.0	
AGI 28RY3	Advanced Genetics Inc	RR2Y	2.8	3256	35.9	17.3	49.9	54.7
AGI 30M08	Advanced Genetics Inc	GT	3.0	3197	34.4	19.0	49.9	56.1
CZ 2810 LL	Bayer/Credenz	Liberty	2.8	3014	34.7	18.1	49.8	55.8
Stewart 2838R2X	Stewart Seeds	Xtend	2.8	3098	35.1	17.9	49.5	
Shur Grow SG-2728R2X	Shur Grow	Xtend	2.7	3103	34.3	17.5	48.8	
Ebberts 288R2X	Ebberts Field Seeds	Xtend	2.8	3059	35.1	17.6	48.8	
HS 28C70	Growmark	Conv.	2.8	2992	34.3	18.1	48.8	
CZ 2558 EXP	Bayer/Credenz	EXP	2.5	3130	34.0	19.2	48.6	
Ebberts 306R2X	Ebberts Field Seeds	Xtend	3.0	2976	35.8	17.7	48.6	53.0
GL 2870NRX	Great Lakes Hybrids	Xtend	2.8	3012	33.8	17.8	48.5	
Rupp RS7283	Rupp Seeds	RR2Y	2.8	Not tested	Not tested	Not tested	48.4	51.4
Rupp RS26XT00	Rupp Seeds	Xtend	2.6	3519	35.2	17.1	48.2	
Rupp RS28XT22	Rupp Seeds	Xtend	2.8	3385	34.9	16.9	48.0	
NuTech 3252L	NuTech Seed, LLC	Liberty	2.5	2762	32.8	19.5	47.9	51.0
CZ 2601 LL	Bayer/Credenz	Liberty	2.6	2802	33.1	19.0	47.8	
HS 30X70	Growmark	Xtend	3.0	3090	36.2	16.5	47.8	
AGI 2801RX	Advanced Genetics Inc	Xtend	2.8	3181	33.6	17.9	47.7	
DSR-3028/R2Y	Dairyland Seed	RR2Y	3.0	2790	34.6	17.9	47.7	
Rupp RS24XT53	Rupp Seeds	Xtend	2.4	2891	33.4	18.7	47.5	
Dyna-Gro S28XT58	Dyna-Gro Seed	Xtend	2.8	3000	35.6	17.3	47.5	
Beck's 2899X2	Beck's Hybrids	Xtend	2.8	3133	34.3	17.5	47.0	
NuTech 3309L	NuTech Seed, LLC	Liberty	3.0	3118	34.3	18.0	46.9	
NuTech 3273L	NuTech Seed, LLC	Liberty	2.7	2751	35.4	17.8	46.6	
AGI 28LL01	Advanced Genetics Inc	Liberty	2.8	3148	34.5	18.1	46.6	
Dyna-Gro S2908N	Dyna-Gro Seed	Conv.	2.9	2967	33.9	18.4	46.6	
Illini 3025	Ohio Foundation Seeds	Conv.	3.0	3326	31.0	20.2	46.5	
AG30X6	Asgrow	Xtend	3.0	3088	34.5	17.7	46.1	
SC 9295RR	Seed Consultants Inc	RR2Y	2.9	2875	35.3	18.3	46.0	51.6
GL 3055NRX	Great Lakes Hybrids	Xtend	3.0	2944	36.4	17.5	45.2	
Rupp RS7242	Rupp Seeds	RR2Y	2.4	3292	32.9	19.7	44.8	48.0
DSR-2909/R2Y	Dairyland Seed	RR2Y	2.9	3004	34.1	18.5	44.7	50.4
AGI 3002RX	Advanced Genetics Inc	Xtend	3.0	3050	33.9	17.2	44.7	
AGI 29RY3	Advanced Genetics Inc	RR2Y	2.9	3372	35.3	17.6	43.7	
LG C2888RX	LG Seeds	Xtend	2.8	2919	35.1	17.1	43.5	
Wyandot14	Ohio Foundation Seeds	Conv.	2.9	2553	34.2	18.4	43.5	
W 5829	Wellman Seeds	Xtend	2.9	3285	33.6	17.5	43.0	

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

TABLE 3: The 2017 Ohio Soybean Performance Trials, North Region - Early Varieties (RM 2.3-3.0)
CONTINUED FROM PREVIOUS PAGE

Brand/Variety	Entry Company Name	Type	Physical Characteristics				N2	'16-'17 Mean
			Rel. Mat.	Seeds/lb.	% Protein	% Oil		
HS 28X70	Growmark	Xtend	2.8	3118	35.4	17.0	42.8	
Streeter	Ohio Foundation Seeds	Conv.	3.0	2990	33.4	19.4	42.4	49.5
Shur Grow SG-2928R2X	Shur Grow	Xtend	2.9	3174	34.3	17.0	42.2	
NuTech 7279	NuTech Seed, LLC	GT	2.7	2942	31.9	19.5	42.1	45.6
SC 9277R	Seed Consultants Inc	RR1	2.7	3096	32.9	19.3	41.9	47.5
Dyna-Gro S26RY37	Dyna-Gro Seed	RR2Y	2.6	3460	33.7	18.6	41.6	50.3
AGI 30RY3	Advanced Genetics Inc	RR2Y	3	2768	34.0	18.2	41.0	50.7
AG26X8	Asgrow	Xtend	2.6	3188	33.9	18.5	39.3	
GH2788X	Golden Harvest	Xtend	2.7	3398	34.1	18.2	37.9	
Beck's 296L4	Beck's Hybrids	Liberty	2.9	3092	34.2	18.2	36.8	
NK S27-M8X	NK	Xtend	2.7	3270	34.4	18.3	34.3	
Min			2.3	2552	30.9	16.5	34.3	
Max			3.0	3518	36.9	20.2	58.5	
Mean			2.8	3098	34.5	18.0	48.3	
LSD (0.1)							6.7	
CV							11.8	

TABLE 4: The 2017 Ohio Soybean Performance Trials, North Region - Late Varieties (RM 3.1-3.9)

Brand/Variety	Entry Company Name	Type	Physical Characteristics				N2	'16-'17 Mean
			Rel. Mat.	Seeds/lb.	% Protein	% Oil		
W 4339	Wellman Seeds	RR2Y	3.9	2785	31.9	19.3	57.3**	62.8
HS 38X70	Growmark	Xtend	3.8	3038	34.2	18.1	55.4*	
Burtch 3112-E	Burtch Seeds	Conv.	3.1	2842	36.6	17.1	54.6*	
GL 3777NRX	Great Lakes Hybrids	Xtend	3.7	2932	34.2	18.1	52.7*	
Dyna-Gro S33RY76	Dyna-Gro Seed	RR2Y	3.3	2996	33.5	17.6	51.6*	59.1
CZ 3548 LL	Bayer/Credenz	Liberty	3.5	3527	32.0	19.1	51.5	
Ebberts 4327LL	Ebberts Field Seeds Inc	Liberty	3.2	3122	32.2	19.3	51.0	
NK S35-K9X	NK	Xtend	3.5	2887	32.8	18.1	50.4	
HS 32L60	Growmark	Liberty	3.2	3098	32.2	19.3	50.2	
W 5836	Wellman Seeds	Xtend	3.6	2768	33.7	17.8	49.9	
AGI 31CN07	Advanced Genetics Inc	Conv.	3.1	2756	36.4	17.2	49.7	
HighPro1	Ohio Foundation Seeds	Conv.	3.7	2736	38.3	16.9	49.5	53.1
LG C3550RX	LG Seeds	Xtend	3.5	2926	33.8	18.8	49.1	
Shur Grow SG-3328R2X	Shur Grow	Xtend	3.3	2821	33.9	18.1	48.9	
AG36X6	Asgrow	Xtend	3.6	2867	33.5	18.4	48.6	
HS 34C62	Growmark	Conv.	3.4	3044	34.6	17.6	48.5	
AGI 32R2Y4	Advanced Genetics Inc	RR2Y	3.2	2819	33.8	18.6	48.4	58.6
GL 3571NRX	Great Lakes Hybrids	Xtend	3.5	2980	34.5	18.3	48.4	
Burtch 3715 GTS	Burtch Seeds	GT	3.7	3192	32.9	18.6	48.4	
NK S33-T8X	NK	Xtend	3.3	3272	32.8	18.3	48.3	
DSR-3250/R2Y	Dairyland Seed	RR2Y	3.2	2990	32.5	19.0	47.8	
HS 33X70	Growmark	Xtend	3.3	2851	34.6	18.0	47.8	
CZ 3458 EXP	Bayer/Credenz	EXP	3.4	2898	33.6	19.0	47.8	
DSR-3555/R2Y	Dairyland Seed	RR2Y	3.5	2869	35.1	17.0	47.7	
GH3546X	Golden Harvest	Xtend	3.5	2893	33.1	18.0	47.7	
Key 1735L	AGRA Solutions LLC	Liberty	3.5	3050	34.2	18.3	47.5	54.6
W 5833	Wellman Seeds	Xtend	3.3	3057	35.1	17.8	47.4	
LG C3321R2	LG Seeds	RR2Y	3.3	2971	34.2	17.4	47.2	
Stewart 3827R2X	Stewart Seeds	Xtend	3.8	3224	33.1	18.1	47.2	59.0
CZ 3298 EXP	Bayer/Credenz	EXP	3.2	3159	32.0	19.5	46.8	
G3690RX	Agrigold	Xtend	3.6	3465	33.9	18.7	46.7	
Dyna-Gro S33XT07	Dyna-Gro Seed	Xtend	3.3	2855	37.6	16.4	46.6	54.5
W 4333	Wellman Seeds	RR2Y	3.3	3181	31.4	19.4	46.5	58.0
GH3195X	Golden Harvest	Xtend	3.1	2851	33.2	19.3	46.3	
AG34X6	Asgrow	Xtend	3.4	3268	33.0	18.5	46.3	
Channel 3417R2Xtend	Channel Seed	Xtend	3.4	3148	34.5	17.2	46.3	55.3
GL 3460NRX	Great Lakes Hybrids	Xtend	3.4	2992	34.2	18.3	46.3	54.8
Lorain	Ohio Foundation Seeds	Conv.	3.4	2754	36.2	17.3	46.3	53.2
Stewart 3527R2X	Stewart Seeds	Xtend	3.5	3010	33.3	18.5	46.3	53.6
CZ 3234 LL	Bayer/Credenz	Liberty	3.2	2942	31.6	19.5	46.2	55.5

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

TABLE 4: The 2017 Ohio Soybean Performance Trials, North Region - Late Varieties (RM 3.1-3.9)
CONTINUED FROM PREVIOUS PAGE

Brand/Variety	Entry Company Name	Type	Physical Characteristics					
			Rel. Mat.	Seeds/lb.	% Protein	% Oil	N2	'16-'17 Mean
Shur Grow SG-3213R2R	Shur Grow	RR2Y	3.2	3030	33.9	18.4	46.2	56.1
HS 38L32	Growmark	Liberty	3.8	2723	33.7	18.5	45.9	
NuTech 3343L	NuTech Seed, LLC	Liberty	3.4	3100	32.5	18.4	45.6	
NuTech 7352X	NuTech Seed, LLC	Xtend	3.5	3487	32.9	18.0	45.6	
Stewart 3337R2X	Stewart Seeds	Xtend	3.3	2817	37.1	16.6	45.5	53.7
G3410RX	Agrigold	Xtend	3.4	2837	34.6	18.3	45.5	
HS 35L42	Growmark	Liberty	3.5	3201	33.2	18.5	45.2	
Channel 3617R2Xtend	Channel Seed	Xtend	3.6	2797	34.5	17.7	45.2	55.5
Stewart 3628R2X	Stewart Seeds	Xtend	3.6	2798	34.7	18.1	45.1	53.0
Channel 3207R2	Channel Seed	RR2Y	3.2	2906	35.6	17.1	45.0	
W 4732	Wellman Seeds	RR2Y	3.2	3240	35.1	17.5	44.9	55.9
Dyna-Gro S3305N	Dyna-Gro Seed	Conv.	3.3	3355	35.1	18.3	44.9	56.0
AGI 31LL01	Advanced Genetics Inc	Liberty	3.1	2733	35.5	18.0	44.8	
AG32X8	Asgrow	Xtend	3.2	2809	34.4	17.3	44.8	
HS 34X60	Growmark	Xtend	3.4	2932	34.7	18.0	44.8	
SC 9335RR	Seed Consultants Inc	RR1	3.3	3055	33.6	18.3	44.5	54.8
CZ 3118 LL	Bayer/Credenz	Liberty	3.1	2807	35.2	18.1	44.3	
Rupp RS33XT63	Rupp Seeds	Xtend	3.3	3139	35.2	17.7	44.3	52.6
NuTech 7365	NuTech Seed, LLC	GT	3.6	2705	33.9	17.6	44.2	
AG38X8	Asgrow	Xtend	3.8	3012	33.3	18.2	44.2	
AG33X8	Asgrow	Xtend	3.3	Not tested	Not tested	Not tested	44.1	
Rupp RS7332	Rupp Seeds	RR2Y	3.3	2814	34.8	18.2	43.8	54.7
HS 35X70	Growmark	Xtend	3.5	2942	34.3	18.3	43.8	
Burtsch 3516 GTS	Burtsch Seeds	GT	3.5	3008	33.7	18.7	43.7	
Ebberts 368R2X	Ebberts Field Seeds Inc	Xtend	3.6	2739	34.7	17.7	43.6	
AG38X6	Asgrow	Xtend	3.8	2998	33.7	18.7	43.4	
Key 1732L	AGRA Solutions LLC	Liberty	3.2	2878	34.5	18.2	43.3	53.9
Channel 3116 R2Xtend	Channel Seed	Xtend	3.1	3075	35.6	17.1	43.1	
Beck's 3559X2	Beck's Hybrids	Xtend	3.5	2969	32.9	18.7	43.0	
G3520RX	Agrigold	Xtend	3.5	2882	34.7	18.2	42.9	
CZ 3601 LL	Bayer/Credenz	Liberty	3.6	2700	32.8	19.2	42.6	55.6
NuTech 7317	NuTech Seed, LLC	GT	3.1	2919	34.5	18.3	42.4	
Ebberts 338R2X	Ebberts Field Seeds Inc	Xtend	3.3	2949	34.6	17.9	42.3	
Shur Grow SG-3116R2R	Shur Grow	RR2Y	3.1	2846	33.0	18.8	42.2	50.8
Burtsch 3615-E	Burtsch Seeds	Conv.	3.6	2911	35.3	17.8	42.1	
Ebberts 4357LL	Ebberts Field Seeds Inc	Liberty	3.5	2651	32.4	19.1	41.8	
G3324RX	Agrigold	Xtend	3.3	2783	35.4	16.8	41.5	
AGI 31R2Y2	Advanced Genetics Inc	RR2Y	3.1	3014	34.9	17.3	40.8	
Shur Grow SG-3111R2R	Shur Grow	RR2Y	3.1	3022	33.3	19.0	40.7	
LG C3489RX	LG Seeds	Xtend	3.4	2980	34.0	18.1	40.6	
AGI 31RY6	Advanced Genetics Inc	RR2Y	3.1	3128	33.4	17.8	40.4	49.5
AG35X7	Asgrow	Xtend	3.5	2862	35.3	17.8	40.3	
Ebberts 358R2X	Ebberts Field Seeds Inc	Xtend	3.4	2849	34.7	18.2	40.2	
SC 9318R	Seed Consultants Inc	GT	3.1	3163	33.9	18.8	40.0	
AG32X6	Asgrow	Xtend	3.2	3203	34.8	18.1	39.9	
Channel 3509R2	Channel Seed	RR2Y	3.5	2840	35.4	16.9	39.5	54.1
Dyna-Gro S34XT78	Dyna-Gro Seed	Xtend	3.4	3038	34.6	18.2	37.8	
			Min	3.1	2651	31.4	16.4	37.8
			Max	3.9	3527	38.3	19.5	57.3
			Mean	3.4	2970	34.2	18.1	45.8
			LSD (0.1)				5.7	
			CV				10.6	

TABLE 5: The 2017 Ohio Soybean Performance Trials, Central Region - Early Varieties (RM 2.5-3.3)

Brand/Variety	Entry Company Name	Type	Physical Characteristics				Central Region Yield (bu/ac)			
			Rel. Mat.	Seeds/lb.	% Protein	% Oil	C1	C2	'17 Mean	'16-'17 Mean
Dyna-Gro S33RY76	Dyna-Gro Seed	RR2Y	3.3	2996	33.5	17.6	57.5*	62.0**	59.8	67.9
W 5833	Wellman Seeds	Xtend	3.3	3057	35.1	17.8	60.9**	57.2	59.1	
Dyna-Gro S3305N	Dyna-Gro Seed	Conv.	3.3	3355	35.1	18.3	56.6*	59.8*	58.2	68.2
LG C3321R2	LG Seeds	RR2Y	3.3	2971	34.2	17.4	55.4*	60.9*	58.2	
Rupp RS33XT63	Rupp Seeds	Xtend	3.3	3139	35.2	17.7	57.7*	58.5*	58.1	63.3
G3324RX	Agrigold	Xtend	3.3	2783	35.4	16.8	57.1*	57.8	57.5	
Shur Grow SG-3328R2X	Shur Grow	Xtend	3.3	2821	33.9	18.1	55.8*	59.1*	57.5	
Stewart 3337R2X	Stewart Seeds	Xtend	3.3	2817	37.1	16.6	55.4*	58.5*	57.0	63.2
Ebberts 338R2X	Ebberts Field Seeds Inc	Xtend	3.3	2949	34.6	17.9	56.8*	56.9	56.9	
AGI 32R2Y4	Advanced Genetics Inc	RR2Y	3.2	2819	33.8	18.6	52.5	61.0*	56.8	64.3
Dyna-Gro S28XT58	Dyna-Gro Seed	Xtend	2.8	3000	35.6	17.3	56.7*	56.6	56.7	
AGI 3302RX	Advanced Genetics Inc	Xtend	3.3	2969	34.9	17.8	55.5*	57.9	56.7	
W 295	Wellman Seeds	Conv.	2.6	2884	36.9	19.6	56.1*	57.0	56.6	64.8
Burtsch 3112-E	Burtsch Seeds	Conv.	3.1	2842	36.6	17.1	56.7*	56.5	56.6	
CZ 2810 LL	Bayer/Credenz	Liberty	2.8	3014	34.7	18.1	58.3*	54.0	56.2	64.8
HS 33X70	Growmark	Xtend	3.3	2851	34.6	18.0	53.7	58.6*	56.2	
Key 1732L	AGRA Solutions LLC	Liberty	3.2	2878	34.5	18.2	54.9*	57.0	56.0	63.4
CZ 3118 LL	Bayer/Credenz	Liberty	3.1	2807	35.2	18.1	59.5*	52.2	55.9	
AGI 30M08	Advanced Genetics Inc	GT	3.0	3197	34.4	19.0	54.2	57.5	55.9	
AGI 26RY2	Advanced Genetics Inc	RR2Y	2.6	3426	35.0	18.0	56.9*	54.6	55.8	58.4
Summit	Ohio Foundation Seeds	Conv.	2.6	2833	35.2	17.8	56.7*	54.8	55.8	58.1
Shur Grow SG-3111R2R	Shur Grow	RR2Y	3.1	3022	33.3	19.0	54.6*	56.9	55.8	
HS 28X70	Growmark	Xtend	2.8	3118	35.4	17.0	54.6*	56.7	55.7	
AG27X7	Asgrow	Xtend	2.7	3390	34.9	18.2	54.9*	56.3	55.6	
AG32X6	Asgrow	Xtend	3.2	2809	34.8	18.1	52.7	58.2*	55.5	
CZ 3234 LL	Bayer/Credenz	Liberty	3.2	2942	31.6	19.5	56.6*	54.3	55.5	63.3
NK S31-Y2X	NK	Xtend	3.1	3006	33.7	18.9	53.3	57.3	55.3	
NuTech 7317	NuTech Seed, LLC	GT	3.1	2919	34.5	18.3	55.8*	54.5	55.2	
W 4333	Wellman Seeds	RR2Y	3.3	3181	31.4	19.4	51.9	58.4*	55.2	65.2
AGI 30RY3	Advanced Genetics Inc	RR2Y	3.0	2768	34.0	18.2	55.2*	55.0	55.1	64.0
AG32X8	Asgrow	Xtend	3.2	2809	34.4	17.3	50.3	59.9*	55.1	
Shur Grow SG-3213R2R	Shur Grow	RR2Y	3.2	3030	33.9	18.4	48.9	61.0*	55.0	63.7
Shur Grow SG-3116R2R	Shur Grow	RR2Y	3.1	2846	33.0	18.8	52.0	57.6	54.8	62.5
Channel 3207R2	Channel Seed	RR2Y	3.2	2906	35.6	17.1	54.5*	54.6	54.6	
Stewart 2827R2X	Stewart Seeds	Xtend	2.8	3311	36.8	17.5	50.3	58.7*	54.5	
AG33X8	Asgrow	Xtend	3.3	Not tested	Not tested	Not tested	53.2	55.8	54.5	
Illini 3025	Ohio Foundation Seeds	Conv.	3.0	3326	31.0	20.2	52.1	56.7	54.4	
Shur Grow SG-3026R2X	Shur Grow	Xtend	3.0	3082	35.5	17.7	50.2	58.6*	54.4	61.4
SC 9318R	Seed Consultants Inc.	GT	3.1	3163	33.9	18.8	52.8	56.0	54.4	
Ebberts 306R2X	Ebberts Field Seeds Inc	Xtend	3.0	2976	35.8	17.7	50.9	57.8	54.4	62.2
HS 25X70	Growmark	Xtend	2.5	3148	32.8	19.2	55.5*	53.0	54.3	
Dyna-Gro S30XT96	Dyna-Gro Seed	Xtend	3.0	3018	35.9	17.5	55.7*	52.9	54.3	
Ebberts 4327LL	Ebberts Field Seeds Inc	Liberty	3.2	3122	32.2	19.3	55.7*	52.8	54.3	
Ebberts 288R2X	Ebberts Field Seeds Inc	Xtend	2.8	3059	35.1	17.6	51.4	56.9	54.15	
NK S33-T8X	NK	Xtend	3.3	3273	32.8	18.3	53.3	54.9	54.1	
HS 32L60	Growmark	Xtend	3.2	3098	32.2	19.3	55.2*	52.8	54.0	
Key 1829L	AGRA Solutions LLC	Liberty	2.9	3185	33.2	18.7	50.2	57.3	53.75	
GH2981X	Golden Harvest	Xtend	2.9	2802	34.7	17.4	55.1*	52.2	53.7	
NuTech 3273L	NuTech Seed, LLC	Liberty	2.7	2751	35.4	17.8	50.3	56.9	53.6	62.9
GH3324X	Golden Harvest	Xtend	3.3	3408	32.7	18.4	53.6	53.4	53.5	
G2900RX	Agrigold	Xtend	2.9	3040	34.6	17.4	54.0	52.8	53.4	
W 4732	Wellman Seeds	RR2Y	3.2	3240	35.1	17.5	49.9	56.9	53.4	64.9
SC 9295RR	Seed Consultants Inc.	RR2Y	2.9	2875	35.3	18.3	55.4*	51.2	53.3	
CZ 3298 EXP	Bayer/Credenz	EXP	3.2	3159	32.0	19.5	49.0	57.2	53.1	
Channel 3116 R2Xtend	Channel Seed	Xtend	3.1	3075	35.6	17.1	51.2	54.9	53.1	
AGI 29RY3	Advanced Genetics Inc	RR2Y	2.9	3372	35.3	17.6	50.1	55.9	53	
Beck's 338L4	Beck's Hybrids	Liberty	3.3	3004	33.1	18.8	54.9*	51.1	53.0	
AGI 31R2Y2	Advanced Genetics Inc	RR2Y	3.1	3014	34.9	17.3	49.3	56.3	52.8	
SC 9335RR	Seed Consultants Inc.	RR1	3.3	3055	33.6	18.3	54.3	51.3	52.8	61.3
Beck's 3091X2	Beck's Hybrids	Xtend	3.0	2919	36.3	17.3	49.8	55.5	52.7	
AG30X8	Asgrow	Xtend	3.0	3124	35.4	17.6	49.5	55.5	52.5	

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

TABLE 5: The 2017 Ohio Soybean Performance Trials, Central Region - Early Varieties (RM 2.5-3.3)
CONTINUED FROM PREVIOUS PAGE

Brand/Variety	Entry Company Name	Type	Physical Characteristics				Central Region Yield (bu/ac)			
			Rel. Mat.	Seeds/lb.	% Protein	% Oil	C1	C2	'17 Mean	'16-'17 Mean
NuTech 3309L	NuTech Seed, LLC	Liberty	3.0	3118	34.3	18.0	48.6	55.8	52.2	62.2
AGI 31RY6	Advanced Genetics Inc	RR2Y	3.1	3128	33.4	17.8	48.1	56	52.1	
Dyna-Gro S33XT07	Dyna-Gro Seed	Xtend	3.3	2855	37.6	16.4	45.6	58	51.8	60.7
HS 30X70	Growmark	Xtend	3.0	3090	36.2	16.5	48.3	55.1	51.7	
CZ 2878 EXP	Bayer/Credenz	EXP	2.8	2947	30.9	20.1	50.2	53.1	51.7	
Beck's 296L4	Beck's Hybrids	Liberty	2.9	3082	34.2	18.2	50.3	53.0	51.7	
Wyandot14	Ohio Foundation Seeds	Conv.	2.9	2553	34.2	18.4	51.9	51.4	51.7	
W 5826	Wellman Seeds	Xtend	2.6	3328	35.7	17.0	48.6	54.4	51.5	
GL 3055NRX	Great Lakes Hybrids	Xtend	3.0	2944	36.4	17.5	50.2	52.6	51.4	
AG30X6	Asgrow	Xtend	3.0	3088	34.5	17.7	48.4	54.2	51.3	
Streeter	Ohio Foundation Seeds	Conv.	3.0	2990	33.4	19.4	50.1	51.5	50.8	60
G2801RX	Agrigold	Xtend	2.8	3022	34.1	18.2	47.9	53.5	50.7	
W 5828	Wellman Seeds	Xtend	2.8	3022	35.7	17.0	47.5	53.4	50.5	
Stewart 2838R2X	Stewart Seeds	Xtend	2.8	3098	35.1	17.9	46.3	53.7	50.0	
W 5829	Wellman Seeds	Xtend	2.9	3285	33.6	17.5	48.9	51.1	50.0	
NuTech 7279	NuTech Seed, LLC	GT	2.7	2942	31.9	19.5	45.6	54.1	49.9	58.1
			Min	2.5	2553	30.9	16.4	45.6	51.1	
			Max	3.3	3426	37.6	20.2	60.9	62.0	
			Mean	3.0	3034	34.5	18.0	52.7	55.7	
			LSD (0.1)					6.4	4.0	
			CV					9.0	6.1	

TABLE 6: The 2017 Ohio Soybean Performance Trials, Central Region - Late Varieties (RM 3.4-3.9)

Brand/Variety	Entry Company Name	Type	Physical Characteristics				Central Region Yield (bu/ac)			
			Rel. Mat.	Seeds/lb.	% Protein	% Oil	C1	C2	'17 Mean	'16-'17 Mean
HS 38X70	Growmark	Xtend	3.8	3038	34.2	18.1	64.3**	59.3*	61.8	
Stewart 3527R2X	Stewart Seeds	Xtend	3.5	3010	33.3	18.5	60.8*	60.1*	60.5	65.2
Ebberts 4398LL	Ebberts Field Seeds Inc	Liberty	3.9	2355	35.4	17.8	60.1*	60.6*	60.4	
CZ 3841 LL	Bayer/Credenz	Liberty	3.8	2710	33.0	18.7	59.9*	60.8*	60.4	67.2
AG36X6	Asgrow	Xtend	3.6	2867	33.5	18.4	59.5	60.7*	60.1	
NuTech 3386L	NuTech Seed, LLC	Liberty	3.8	2671	33.3	18.6	58.9	60.8*	59.9	
GL 3777NRX	Great Lakes Hybrids	Xtend	3.7	2932	34.2	18.1	57.8	61.1*	59.5	
Ebberts 4357LL	Ebberts Field Seeds Inc	Liberty	3.5	2651	32.4	19.1	57.5	61.3**	59.4	
W 4339	Wellman Seeds	RR2Y	3.9	2785	31.9	19.3	57.4	61.0*	59.2	68.9
Stewart 3628R2X	Stewart Seeds	Xtend	3.6	2798	34.7	18.1	59.0	59.3*	59.2	
Rupp RS34XT43	Rupp Seeds	Xtend	3.4	2880	34.1	18.1	58.2	59.6*	58.9	
Ebberts 388R2X	Ebberts Field Seeds Inc	Xtend	3.7	2733	34.1	18.2	57.5	59.6*	58.6	
Channel 3917 R2Xtend	Channel Seed	Xtend	3.9	3168	33.6	17.6	57.0	60.1*	58.6	
HS 34X60	Growmark	Xtend	3.4	2932	34.7	18.0	57.8	59.2*	58.5	
AG38X8	Asgrow	Xtend	3.8	3012	33.3	18.2	58.2	58.8*	58.5	
GH3546X	Golden Harvest	Xtend	3.5	2893	33.1	18.0	57.2	59.6*	58.4	
GL 3460NRX	Great Lakes Hybrids	Xtend	3.4	2992	34.2	18.3	57.3	59.2*	58.3	66.5
LG C3550RX	LG Seeds	Xtend	3.5	2926	33.8	18.8	57.4	58.8*	58.1	66.6
Ebberts 358R2X	Ebberts Field Seeds Inc	Xtend	3.4	2849	34.7	18.2	57.7	58.4*	58.1	
Burts 3516 GTS	Burts Seeds	GT	3.5	3008	33.7	18.7	56.8	59.0*	57.9	
LG C3985RX	LG Seeds	Xtend	3.9	3473	34.1	17.3	56.8	58.7*	57.8	
Beck's 382L4	Beck's Hybrids	Liberty	3.8	2611	33.4	18.7	55.6	59.8*	57.7	66.0
Dyna-Gro S39RY65	Dyna-Gro Seed	RR2Y	3.9	2706	31.9	19.1	55.5	59.9*	57.7	67.3
CZ 3458 EXP	Bayer/Credenz	EXP	3.4	2898	33.6	19.0	55.5	59.4*	57.5	
DSR-3555/R2Y	Dairyland Seed	RR2Y	3.5	2869	35.1	17.0	55.6	59.3*	57.5	
Dyna-Gro S35XT97	Dyna-Gro Seed	Xtend	3.5	2798	34.4	18.4	58.0	56.8	57.4	66.2
Dyna-Gro S36LL77	Dyna-Gro Seed	Liberty	3.6	2805	33.3	18.9	56.8	57.8*	57.3	65.5
SC 9358R	Seed Consultants Inc	GT	3.5	2875	33.3	18.4	56.2	58.3*	57.3	
Shur Grow SG-3428R2X	Shur Grow	Xtend	3.4	2963	34.8	18.0	59.0	55.4	57.2	
Dyna-Gro S39XT08	Dyna-Gro Seed	Xtend	3.9	3353	35.2	18.3	56.0	58.4*	57.2	
HS 35X70	Growmark	Xtend	3.5	2942	34.3	18.3	55.8	58.1*	57.0	

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

TABLE 6: The 2017 Ohio Soybean Performance Trials, Central Region - Late Varieties (RM 3.4-3.9)
CONTINUED FROM PREVIOUS PAGE

Entry			Physical Characteristics				Central Region Yield (bu/ac)			
Brand/Variety	Company Name	Type	Rel. Mat.	Seeds/lb.	% Protein	% Oil	C1	C2	'17 Mean	'16-'17 Mean
CZ 3601 LL	Bayer/Credenz	Liberty	3.6	2700	32.8	19.2	55.6	58.3*	57.0	67.3
NuTech 3361L	NuTech Seed, LLC	Liberty	3.6	2762	32.6	18.9	55.1	58.7*	56.9	
Burtsch 3916-E	Burtsch Seeds	Conv.	3.9	3460	33.0	18.2	57.6	56.2	56.9	
W 5836	Wellman Seeds	Xtend	3.6	2768	33.7	17.8	56.5	57.3	56.9	
Channel 3617 R2Xtend	Channel Seed	Xtend	3.6	2797	34.5	17.7	55.7	57.8*	56.8	67.6
Dyna-Gro S34XT78	Dyna-Gro Seed	Xtend	3.4	3038	34.6	18.2	57.1	56.3	56.7	
Rupp RS35XT55	Rupp Seeds	Xtend	3.5	2853	35.0	17.9	56.7	56.7	56.7	
G3520RX	Agrigold	Xtend	3.5	2882	34.7	18.2	58.1	55.1	56.6	
NuTech 7365	NuTech Seed, LLC	GT	3.6	2705	33.9	17.6	53.9	59.0*	56.5	
GL 3571NRX	Great Lakes Hybrids	Xtend	3.5	2980	34.5	18.3	56	56.7	56.4	
NK S35-K9X	NK	Xtend	3.5	2887	32.8	18.1	59	53.7	56.4	
SC 9385RR	Seed Consultants Inc	RR1	3.8	2915	32.5	19.2	56.1	56.6	56.4	68.2
Beck's 3559X2	Beck's Hybrids	Xtend	3.5	2969	32.9	18.7	57.5	55.1	56.3	
AGI 37R2Y2	Advanced Genetics Inc	RR2Y	3.7	2678	34.1	17.6	53.8	58.6*	56.2	
G3410RX	Agrigold	Xtend	3.4	2837	34.6	18.3	55.3	56.7	56.0	
Key 1735L	AGRA Solutions LLC	Liberty	3.5	3050	34.2	18.3	57.4	54.6	56	62.1
Burtsch 3615-E	Burtsch Seeds	Conv.	3.6	2911	35.3	17.8	53.2	58.6*	55.9	
AGI 37RY3	Advanced Genetics Inc	RR2Y	3.7	2662	33.6	18.4	57	54.6	55.8	66.4
AG35X7	Asgrow	Xtend	3.5	2862	35.3	17.8	55.1	56.4	55.8	
Channel 3707R2/SR	Channel Seed	RR2Y	3.7	3032	34.3	17.9	52.2	59.3*	55.8	66.3
AGI 36RY2	Advanced Genetics Inc	RR2Y	3.6	3183	34.5	17.9	53.9	57.4*	55.7	
Stewart 3827R2X	Stewart Seeds	Xtend	3.8	3224	33.1	18.1	52.9	58.4*	55.7	65.7
HS 35L42	Growmark	Liberty	3.5	3201	33.2	18.5	54.3	56.7	55.5	
AGI 3701RX	Advanced Genetics Inc	Xtend	3.7	3113	34.7	17.4	54.1	56.9	55.5	
LG C3989R2	LG Seeds	RR2Y	3.9	3375	32.9	18.8	52.5	58.2*	55.4	
AGI 35RY4	Advanced Genetics Inc	RR2Y	3.5	2853	34.8	17.0	56.6	53.7	55.2	61.0
CZ 3548 LL	Bayer/Credenz	Liberty	3.5	3527	32.0	19.1	56.7	53.5	55.1	
LG C3489RX	LG Seeds	Xtend	3.4	2980	34.0	18.1	54.6	55.5	55.1	
Ebberts 368R2X	Ebberts Field Seeds Inc	Xtend	3.6	2739	34.7	17.7	52.4	57.7*	55.1	
SC 9367R	Seed Consultants Inc	RR1	3.6	2917	34.3	18.2	54.9	55.1	55.0	65.5
AGI 36LL01	Advanced Genetics Inc	Liberty	3.6	2706	32.5	19.1	53.4	56.1	54.8	
Channel 3509R2	Channel Seed	RR2Y	3.5	2840	35.4	16.9	52.1	56.7	54.4	65.6
HS 38L32	Growmark	Liberty	3.8	2723	33.7	18.5	54.2	54.3	54.3	
HS6-3967B	Ohio Foundation Seeds	Conv.	3.9	2695	36.8	17.5	52.9	55.6	54.3	59.9
Beck's 366L4	Beck's Hybrids	Liberty	3.6	2734	32.4	19.2	52.1	56.2	54.2	
NuTech 3343L	NuTech Seed, LLC	Liberty	3.4	3100	32.5	18.4	50.5	57.8*	54.2	
AGI 38RY3	Advanced Genetics Inc	RR2Y	3.8	3061	33.8	17.6	52.4	55.4	53.9	65.5
AG34X6	Asgrow	Xtend	3.4	3268	33.0	18.5	51.4	56.2	53.8	
LG C3775RX	LG Seeds	Xtend	3.7	3530	33.0	19.0	49.8	57.8*	53.8	
NK S37-H5X	NK	Xtend	3.7	3222	31.1	19.0	52.2	55.4	53.8	
AGI 3601RX	Advanced Genetics Inc	Xtend	3.6	2786	34.6	17.4	53.8	53.7	53.8	
AG38X6	Asgrow	Xtend	3.8	2998	33.7	18.7	51.9	55.4	53.7	
G3690RX	Agrigold	Xtend	3.6	3465	33.9	18.7	49.4	57.6*	53.5	
Burtsch 3917 GTS	Burtsch Seeds	GT	3.9	2847	33.4	19.0	53.1	53.8	53.5	
GH3982X	Golden Harvest	Xtend	3.9	3471	31.0	19.9	52.2	54.6	53.4	
Burtsch 3715 GTS	Burtsch Seeds	GT	3.7	3192	32.9	18.6	50.9	54.9	52.9	
Channel 3417 R2Xtend	Channel Seed	Xtend	3.4	3148	34.5	17.2	52.4	53.0	52.7	62.4
Lorain	Ohio Foundation Seeds	Conv.	3.4	2754	36.2	17.3	54.4	50.4	52.4	56.4
CZ 3738 LL	Bayer/Credenz	Liberty	3.7	3259	32.3	18.6	50.8	54.0	52.4	
HighPro1	Ohio Foundation Seeds	Conv.	3.7	2736	38.3	16.9	52.2	51.1	51.7	58.2
Shur Grow SG-3415R2R	Shur Grow	RR2Y	3.4	2976	35.1	17.5	48.5	53.8	51.2	61.1
Shur Grow SG-3515R2R	Shur Grow	RR2Y	3.5	3086	34.2	18.1	51.2	50.8	51.0	64.2
NuTech 7352X	NuTech Seed, LLC	Xtend	3.5	3487	32.9	18.0	52.5	49.2	50.9	
NuTech 7387X	NuTech Seed, LLC	Xtend	3.8	2889	33.4	18.3	46.0	54.4	50.2	
			Min	3.4	2355	31.0	16.9	46.0	48.6	50.2
			Max	3.9	3530	38.3	19.9	64.3	61.3	61.8
			Mean	3.6	2948	33.9	18.3	55.1	56.7	56.1
			LSD (0.1)				4.6	3.9		
			CV				7.1	5.9		

TABLE 7: The 2017 Ohio Soybean Performance Trials, South Region - Early Varieties (RM 3.2-3.6)

Brand/Variety	Company Name	Type	Physical Characteristics				South Region Yield (bu/ac)				
			Rel. Mat.	Lodging Score	Seeds/lb.	% Protein	% Oil	S1	S2	'17 Mean	
SC 9358R	Seed Consultants Inc	GT	3.5	1.0	2875	33.3	18.4	73.4*	61.4*	67.4	
Stewart 3628R2X	Stewart Seeds	Xtend	3.6	1.0	2798	34.7	18.1	70.4	62.5**	66.5	
GL 3460NRX	Great Lakes Hybrids	Xtend	3.4	2.0	2992	34.2	18.3	73.0*	59.6*	66.3	
CZ 3601 LL	Bayer/Credenz	Liberty	3.6	2.0	2700	32.8	19.2	72.1*	59.6*	65.9	
W 5833	Wellman Seeds	Xtend	3.3	1.0	3057	35.1	17.8	70.7	60.2*	65.5	
NK S35-K9X	NK	Xtend	3.5	2.0	2887	32.8	18.1	75.1**	55.4	65.3	
G3690RX	Agrigold	Xtend	3.6	1.0	3465	33.9	18.7	72.0*	57.9*	65.0	
NuTech 3361L	NuTech Seed, LLC	Liberty	3.6	2.0	2762	32.6	18.9	71.8*	57.6*	64.7	
Stewart 3527R2X	Stewart Seeds	Xtend	3.5	1.0	3010	33.3	18.5	69.2	60.0*	64.6	
Dyna-Gro S35XT97	Dyna-Gro Seed	Xtend	3.5	2.0	2798	34.4	18.4	68.7	60.4*	64.6	
W 4333	Wellman Seeds	RR2Y	3.3	2.5	3181	31.4	19.4	71.2*	57.7*	64.5	
Ebberts 368R2X	Ebberts Field Seeds Inc	Xtend	3.6	1.9	2739	34.7	17.7	68.0	60.8*	64.4	
NuTech 7365	NuTech Seed, LLC	GT	3.6	1.0	2705	33.9	17.6	72.9*	55.3	64.1	
G3410RX	Agrigold	Xtend	3.4	1.0	2837	34.6	18.3	70.1	57.9*	64.0	
AG35X7	Asgrow	Xtend	3.5	2.0	2862	35.3	17.8	69.8	58.1*	64.0	
GL 3571NRX	Great Lakes Hybrids	Xtend	3.5	2.8	2980	34.5	18.3	70.4	57.5	64.0	
LG C3550RX	LG Seeds	Xtend	3.5	2.0	2926	33.8	18.8	67.9	59.6*	63.8	
AG36X6	Asgrow	Xtend	3.6	2.0	2867	33.5	18.4	66.9	60.2*	63.6	
G3520RX	Agrigold	Xtend	3.5	1.0	2882	34.7	18.2	67.3	59.6*	63.5	
AG33X8	Asgrow	Xtend	3.3	1.0	Not tested		Not tested	71.5*	55.1	63.3	
AG34X6	Asgrow	Xtend	3.4	1.8	3268	33.0	18.5	65.7	60.8*	63.3	
W 5836	Wellman Seeds	Xtend	3.6	1.0	2768	33.7	17.8	67.0	59.4	63.2	
Ebberts 338R2X	Ebberts Field Seeds Inc	Xtend	3.3	1.0	2949	34.6	17.9	67.3	58.6*	63.0	
SC 9367R	Seed Consultants Inc	RR1	3.6	1.0	2917	34.3	18.2	71.6*	54.1	62.9	
Shur Grow SG-3628R2X	Shur Grow	Xtend	3.6	1.8	2781	34.0	17.8	66.5	58.3*	62.4	
W 4732	Wellman Seeds	RR2Y	3.2	2.2	3239	35.1	17.5	71.8*	52.7	62.3	
AG32X6	Asgrow	Xtend	3.2	2.3	3203	34.8	18.1	67.8	56.5	62.2	
Channel 3617R2Xtend	Channel Seed	Xtend	3.6	1.9	2797	34.5	17.7	71.0*	53.0	62.0	
CZ 3548 LL	Bayer/Credenz	Liberty	3.5	1.0	3527	32.0	19.1	71.7*	51.4	61.6	
Channel 3417R2Xtend	Channel Seed	Xtend	3.4	1.0	3148	34.5	17.2	65.6	57.2	61.4	
Ebberts 358R2X	Ebberts Field Seeds Inc	Xtend	3.4	1.0	2849	34.7	18.2	65.7	56.5	61.1	
AG32X8	Asgrow	Xtend	3.2	1.0	2809	34.4	17.3	63.3	57.7*	60.5	
Channel 3509R2	Channel Seed	RR2Y	3.5	1.9	2840	35.4	16.9	65.1	55.6	60.4	
NuTech 7352X	NuTech Seed, LLC	Xtend	3.5	1.0	3487	32.9	18.0	66.0	54.4	60.2	
CZ 3458 EXP	Bayer/Credenz	EXP	3.4	1.9	2898	33.6	19.0	65.9	54.2	60.1	
Key 1735L	AGRA Solutions LLC	Liberty	3.5	1.9	3050	34.2	18.3	64.7	53.7	59.2	
Ebberts 4357LL	Ebberts Field Seeds Inc	Liberty	3.5	1.9	2651	32.4	19.1	62.1	55.5	58.8	
Dyna-Gro S36LL77	Dyna-Gro Seed	Liberty	3.6	2.0	2805	33.3	18.9	64.5	52.7	58.6	
Burtsch 3615-E	Burtsch Seeds	Conv.	3.6	2.2	2911	35.3	17.8	61.7	54.6	58.2	
Key 1732L	AGRA Solutions LLC	Liberty	3.2	1.0	2878	34.5	18.2	60.3	52.9	56.6	
Lorain	Ohio Foundation Seeds	Conv.	3.4	2.0	2754	36.2	17.3	57.8	50.9	54.4	
NuTech 3343L	NuTech Seed, LLC	Liberty	3.4	2.0	3100	32.5	18.4	67.0	35.9	51.5	
			Min	3.2	1.0	2628	31.4	16.9	49.7	50.2	51.5
			Max	3.6	2.8	3527	36.2	19.4	75.1	67.4	67.4
			Mean	3.5	1.6	2939	34.1	18.2	66.6	61.1	62.3
			LSD (0.1)						4.3	4.9	
			CV						5.5	7.4	

TABLE 8: The 2017 Ohio Soybean Performance Trials, South Region - Late Varieties (RM 3.7-4.3)

Entry			Physical Characteristics					South Region Yield (bu/ac)			
Brand/Variety	Company Name	Type	Rel. Mat.	Lodging Score	Seeds/lb.	% Protein	% Oil	S1	S2	'17 Mean	'16-'17 Mean
GL 3777NRX	Great Lakes Hybrids	Xtend	3.7	1.8	2932	34.2	18.1	71.4*	68.7**	70.1	
G3830RX	Agrigold	Xtend	3.8	1.0	3203	33.8	17.6	68.2*	67.1*	67.7	
G3980RX	Agrigold	Xtend	3.9	1.0	3667	31.9	18.9	70.7*	64.3*	67.5	
NuTech 3386L	NuTech Seed, LLC	Liberty	3.8	1.0	2671	33.3	18.6	69.7*	64.5*	67.1	70.0
Dyna-Gro S41XS98	Dyna-Gro Seed	Xtend/STS	4.1	1.0	2864	34.1	17.0	67.7	65.7*	66.7	
CZ 3841 LL	Bayer/Credenz	Liberty	3.8	1.9	2710	33.0	18.7	69.5*	63.4*	66.5	67.7
CZ 4105 LL	Bayer/Credenz	Liberty	4.1	1.9	2495	35.0	17.9	72.3**	59.8	66.1	67.6
Ebberts 4398LL	Ebberts Field Seeds Inc	Liberty	3.9	1.0	2355	35.4	17.8	68.6*	62.5	65.6	
Ebberts 388R2X	Ebberts Field Seeds Inc	Xtend	3.7	1.9	2733	34.1	18.2	66.9	62.2	64.6	
LG C3985RX	LG Seeds	Xtend	3.9	1.0	3473	34.1	17.3	68.6*	60.3	64.5	
AG38X8	Asgrow	Xtend	3.8	1.0	3012	33.3	18.2	64.1	64.4*	64.3	
AG39X7	Asgrow	Xtend	3.9	1.0	2835	34.2	17.1	65.6	62.0	63.8	
Stewart 4116R2X	Stewart Seeds	Xtend	4.1	1.0	3159	33.1	18.2	66.5	61.1	63.8	67.7
Channel 3917R2Xtend	Channel Seed	Xtend	3.9	1.8	3168	33.6	17.6	63.9	63.6*	63.8	67.1
W 4339	Wellman Seeds	RR2Y	3.9	1.0	2785	31.9	19.3	64.2	63.2*	63.7	68.4
SC 9385RR	Seed Consultants Inc	RR1	3.8	2.3	2915	32.5	19.2	66.0	61.3	63.7	65.7
Channel 4116R2Xtend	Channel Seed	Xtend	4.1	1.0	3055	34.3	17.6	65.3	61.8	63.6	66.6
Dyna-Gro S42RY77	Dyna-Gro Seed	RR2Y	4.2	1.9	2639	35.4	18.1	62.5	64.2*	63.4	65.7
NuTech 7406	NuTech Seed, LLC	GT	4.0	1.0	3323	31.6	19.6	65.2	60.7	63.0	
Dyna-Gro S38LL54	Dyna-Gro Seed	Liberty	3.8	1.9	2695	33.5	18.6	65.7	59.5	62.6	62.1
AG40X6	Asgrow	Xtend	4.0	1.9	2982	33.3	18.7	64.7	60.5	62.6	
GH3761X	Golden Harvest	Xtend	3.7	1.9	3139	32.6	18.4	64.4	60.6	62.5	
LG C3775RX	LG Seeds	Xtend	3.7	1.0	3530	33.0	19.0	66.9	58.1	62.5	
AG41X8	Asgrow	Xtend	4.1	1.0	2728	33.7	18.0	63.6	61.4	62.5	
LG C3989R2	LG Seeds	RR2Y	3.9	1.9	3375	32.9	18.8	62.4	62.2	62.3	62.7
Dyna-Gro S3805N	Dyna-Gro Seed	Conv.	3.8	1.8	2959	32.7	18.3	64.0	60.4	62.2	63.6
CZ 3738 LL	Bayer/Credenz	Liberty	3.7	1.0	3259	32.3	18.6	67.0	57.1	62.1	
Channel 4317R2Xtend	Channel Seed	Xtend	4.3	1.0	3228	32.4	18.5	65.5	58.5	62.0	
NuTech 7387X	NuTech Seed, LLC	Xtend	3.8	1.0	2889	33.4	18.3	62.9	61.0	62.0	
Stewart 3827R2X	Stewart Seeds	Xtend	3.8	1.0	3224	33.1	18.1	64.7	58.9	61.8	66.6
Dyna-Gro S39XT08	Dyna-Gro Seed	Xtend	3.9	1.9	3353	35.2	18.3	62.6	60.9	61.8	
AG38X6	Asgrow	Xtend	3.8	1.0	2998	33.7	18.7	65.6	57.8	61.7	
Dyna-Gro S39XT68	Dyna-Gro Seed	Xtend	3.9	1.0	3547	33.5	17.8	67.9	55.3	61.6	
Burtsch 3916-E	Burtsch Seeds	Conv.	3.9	1.9	3460	33.0	18.2	64.0	58.9	61.5	
NuTech 7410X	NuTech Seed, LLC	Xtend	4.1	1.9	3457	33.9	18.0	62.9	59.7	61.3	
Channel 3707R2/SR	Channel Seed	RR2Y	3.7	1.0	3032	34.3	17.9	65.5	56.9	61.2	64.1
SC 9428R	Seed Consultants Inc	GT	4.2	1.0	2988	32.6	19.2	66.4	55.9	61.2	
GH3982X	Golden Harvest	Xtend	3.9	2.0	3471	31.0	19.9	60.5	61.6	61.1	
Shur Grow SG-3817R2R	Shur Grow	RR2Y	3.8	2.2	2876	32.2	19.1	59.5	61.5	60.5	
SC 9393RR	Seed Consultants Inc	RR1	3.9	1.0	3176	32.7	19.1	64.2	56.5	60.4	56.7
Dyna-Gro S39RY65	Dyna-Gro Seed	RR2Y	3.9	1.0	2706	31.9	19.1	63.4	56.4	59.9	63.3
G3712RX	Agrigold	Xtend	3.7	1.0	3212	33.9	18.1	63.2	55.6	59.4	
NK S39-P5X	NK	Xtend	3.9	2.1	3511	32.3	18.9	58.2	59.4	58.8	
Burtsch 3917 GTS	Burtsch Seeds	GT	3.9	2.0	2847	33.4	19.0	60.0	57.0	58.5	
HS6-3967B	Ohio Foundation Seeds	Conv.	3.9	1.9	2695	36.8	17.5	63.7	53.1	58.4	60.7
Burtsch 3715 GTS	Burtsch Seeds	GT	3.7	2.0	3192	32.9	18.6	59.7	56.5	58.1	
Clermont	Ohio Foundation Seeds	Conv.	3.9	3.0	3098	34.9	17.3	54.1	59.8	57.0	57.2
HighPro1	Ohio Foundation Seeds	Conv.	3.7	2.5	2864	38.3	19.4	55.7	54.5	55.1	59.3
		Min	3.7	1.0	2319	38.3	16.9	49.0	51.4		
		Max	4.3	3.0	3667	31.0	19.9	72.3	68.7		
		Mean	3.9	1.5	3031	33.7	18.3	63.1	59.4		
		LSD (0.1)						4.2	6.2		
		CV						5.7	8.9		