



**THE OHIO STATE
UNIVERSITY**

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

THE 2016 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. (Note: Emergence was poor at the S2 location due to soil crusting after planting.) All sites had corn as the previous crop and received no tillage prior to soybean planting. Famer cooperators sprayed preemergence herbicides (varied by location). Postemergence herbicides included: Select Max, Flexstar, Basagran, and First Rate.

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 2016 entries were submitted voluntarily by seed companies and the Ohio Seed Improvement Association. Entry fee charges were paid per entry and region.

Test by Maturity and Type. Varieties are grouped, tested and analyzed by maturity (early and late). Conventional, Liberty Link, and Roundup Ready varieties were tested in the same block to allow for head-to-head comparisons. Xtend soybeans were planted in a separate block due to lack of EU approval at time of planting. Conventional herbicides were sprayed on all entries. Conventional, Liberty Link, and Roundup Ready entries are statistically comparable within a maturity range (early or late). Use the table below to find varieties by region, maturity, and type. Xtend varieties are comparable.

2016 Tables by Type, Region, Maturity Grouping			
Conventional, Liberty Link, and Roundup Ready	North	Early (2.0-3.0)	Table 3
		Late (3.1-3.9)	Table 4
Conventional, Liberty Link, and Roundup Ready	Central	Early (2.6-3.4)	Table 5
		Late (3.5-4.1)	Table 6
Conventional, Liberty Link, and Roundup Ready	South	Early (3.1-3.7)	Table 7
		Late (3.8-4.3)	Table 8
Xtend	All	Early + Late (2.1-4.2)	Table 9

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.

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.

Plant height was measured as a group at physiological maturity.

Seed size is reported as number of seeds per pound. Due to harvest error, there is no seed size information for the Xtend varieties.

Yield. Each soybean variety was harvested when the moisture content was between 8 and 12 percent and yields reported in bushels per acre at 13 percent moisture.

Lodging score. There was no lodging in 2016.

Protein, Oil, Fiber %. 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. Due to harvest error, there is no protein, oil, and fiber information for the Xtend soybean varieties.

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 2015 Ohio Soybean Performance Trials, Site Descriptions

	N1	N2	C1	C2	S1	S2
	Henry Co.	Sandusky Co.	Mercer Co.	Marion Co.	Preble Co.	Clinton Co.
Soil texture	Clay	Sandy loam	Clay	Clay	Clay loam	Silt loam
Soil pH	6.0	5.8	7.1	6.4	6.0	6.6
Soil Test P-Mehlich (ppm)	25	62	59	35	121	53
Soil Test K (ppm)	171	72	183	140	287	144
Plant date	23-May	25-May	23-May	20-May	16-May	19-May
Harvest date	12-Oct	18-Oct	14-Oct	17-Oct	19-Oct	25-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

Company/Variety/ Brand	Seed Treatment	Maturity Rating	Type	Table #	Company/Variety/ Brand	Seed Treatment	Maturity Rating	Type	Table #	Company/Variety/ Brand	Seed Treatment	Maturity Rating	Type	Table #	Company/Variety/ Brand	Seed Treatment	Maturity Rating	Type	Table #
Advanced Genetics, Inc. 11491 Foundation Rd. Box 6 Croton, OH 43013-0145 www.advancedgeneticsinc.com		740-893-2501			Beck's Hybrids 6767 East 276th Street Atlanta, IN 46031-9616 www.beckshybrids.com		900-937-2325			Ebberts Field Seeds, Inc. 6840 N State Route 48 Covington, OH 45318 www.ebbertsseeds.com		937-473-2521			Seed Consultants, Inc. 648 Miami Trace Rd. SW Washington Court House, OH 43160-0370 www.seedconsultants.com		800-708-2676		
AGI 26RY2	AC	2.6	RR2Y	3, 5	Beck's 264L4	ES + IL	2.6	LL	3	Ebberts 2276RR2	IS	2.7	RR2	3, 5	SCS 9256R™	EV + AL + G	2.5	RR1	3
AGI 2701RX	AC	2.7	Xtend	9	Beck's 273R4™*brand	ES + IL	2.7	RR1	3	Ebberts 306R2X	IS	3.0	Xtend	9	SC 9277R™	EV + AL + G	2.7	RR1	3
AGI 28RY5	EC + NH	2.8	RR2Y	3	Beck's 298L4	ES + IL	2.9	LL	3	Ebberts 2316RR2	IS	3.1	RR2	4, 5	SCS 9295RR™	EV + AL + G	2.9	RR1	3
AGI 28RY3	EC	2.8	RR2Y	3	Beck's 297R4™*brand	ES + IL	2.9	RR1	3	Ebberts 2324RR2	IS	3.3	RR2	4, 5, 7	SCS 9314RR™	EV + AL + G	3.1	RR1	4, 5
AGI 28LL01	AC	2.8	LL	3	Beck's 3091X2	ES + IL	3.0	Xtend	9	Ebberts 337R2X	IS	3.3	Xtend	9	SCS 9335RR™	EV + AL + G	3.3	RR1	4, 5
AGI 3001RX	AC	3.0	Xtend	9	Beck's 333R4™*brand	ES + IL	3.3	RR1	4, 5	Ebberts 357R2X	IS	3.5	Xtend	9	SCS 9356R2™	EV + AL + G	3.5	RR2	4, 6
AGI 30M08	EC	3.0	RR1	3	Beck's 3353X2	ES + IL	3.3	Xtend	9	Ebberts 2366RR2	IS	3.6	RR2	4, 6, 7	SC 9367R™	EV + AL + G	3.6	RR1	4, 6, 7
AGI 30RY3	AC	3.1	RR2Y	4, 5	Beck's 338L4	ES + IL	3.3	LL	4	Ebberts 377R2X	IS	3.7	Xtend	9	SCS 9385RR™	EV + AL + G	3.8	RR1	6, 8
AGI 31M04	EC + NH	3.1	RR1	4	Beck's 345R4™*brand	ES + IL	3.4	RR1	6	Ebberts 2387RR2	IS	3.8	RR2	6, 8	SCS 9393RR™	EV + AL + G	3.9	RR1	8
AGI 31RY6	EC + NH	3.1	RR2Y	4	Beck's 366L4	ES + IL	3.6	LL	6						SCS 9412RR™	EV + AL + G	4.1	RR1	8
AGI 31CN07	EC	3.1	CV	4	Beck's 3753X2	ES + IL	3.7	Xtend	9	Great Lakes Hybrids 9915 West M-21 Ovid, MI 48866 www.greatlakeshybrids.com		800-257-7333			Shur Grow 11177 Twp. Rd. 133 West Manchester, OH 43358 www.heritagecooperative.com		800-321-7333		
AGI 32R2Y4	AC	3.2	RR2Y	4, 5	Beck's 382L4	ES + IL	3.8	LL	6, 8	GL 2789R2	AG + CC	2.7	RR2	3	ShurGrow SG-2726R2X	None	2.7	Xtend	9
AGI 3301RX	AC	3.3	Xtend	9	Beck's 387R4™*brand	ES + IL	3.8	RR1	6, 8	GL 3267NRX	AG + CC	3.2	Xtend	9	ShurGrow SG-2815R2R	WC	2.8	RR2Y	3, 5
AGI 33R2Y4	EC	3.3	RR2Y	5	Beck's 394L4	ES + IL	3.9	LL	6, 8	GL 3460NRX	AG + CC	3.4	Xtend	9	ShurGrow SG-3026R2X	AC + G	3.0	Xtend	9
AGI 35LL01	IS	3.5	LL	6, 7	Beck's 3953X2	ES + IL	3.9	Xtend	9	GL 3659R2	AG + CC	3.6	RR2	4, 6, 7	ShurGrow SG-3116R2R	WC	3.1	RR2Y	4, 5
AGI 35RY4	AC	3.5	RR2Y	4, 6	Beck's 4291X2	ES + IL	4.2	Xtend	9	GL 3729R2	AG + CC	3.7	RR2	6, 7	ShurGrow SG-3213R2R	WC	3.2	RR2Y	4, 5
AGI 3501RX	AC	3.5	Xtend	9						GL 3852NR2	AG + CC	3.8	RR2	8	ShurGrow SG-3327R2X	None	3.3	Xtend	9
AGI 36LL01	IS	3.6	LL	6	Dairyland Seed Co., Inc. PO Box 958 West Bend, WI 53095 www.dairylandseed.com		800-236-0163			LG Seeds 22877 Shissler Rd. Elmwood, IL 61529 www.lgseeds.com		800-752-6847			ShurGrow SG-3415R2R	WC	3.4	RR2Y	4, 6
AGI 37RY3	EC	3.7	RR2Y	6	DSR-2909/R2Y	CM + OP	2.9	RR2	3	LG C3070R2	AG	3.0	RR2	3	ShurGrow SG-3515R2R	WC	3.5	RR2Y	4, 6
AGI 3701RX	EC	3.7	Xtend	9	DSR-3250/R2Y	CM + OP	3.2	RR2	4	LG C3026RX	AG	3.0	Xtend	9	ShurGrow SG-3527R2X	None	3.5	Xtend	9
AGI 38RY3	EC	3.8	RR2Y	6	DSR-3434/R2Y	CM + OP	3.4	RR2	4	LG C3171R2	AG	3.1	RR2	4, 5	Stewart Seeds 2230 E CR 300N Greensburg, IN 47240 www.stewartseeds.com		800-365-SEED		
AGI 3901RX	IS	3.9	Xtend	9	DSR-3630/R2Y	CM + OP	3.6	RR2	6	LG C3321R2	AG	3.3	RR2	4, 5	Stewart 2626R2	AC + F/I	2.6	RR2	3
AGI 39LL01	IS	3.9	LL	6, 8	DSR-3745/R2Y	CM + OP	3.7	RR2	6	LG C3550RX	AG	3.5	Xtend	9	Stewart 2815R2	AC + F/I	2.8	RR2	3
					DSR-3838/R2Y	CM + OP	3.8	RR2	6	LG C3647R2	AG	3.6	RR2	6, 7	Stewart 3016R2	AC + F/I	3.0	RR2	3
AGRA Solutions 23778 Delphos Jennings Rd Delphos, OH 45833-8932 www.wellmanseeds.com		888-695-5503			Doeblers PA Hybrids, Inc. 1000 Commerce Park Dr., Suite 106 Williamsport, PA 17701 www.doeblers.com		800-853-2676			LG C3989R2	AG	3.9	RR2	8	Stewart 3213R2	AC + F/I	3.2	RR2	4, 5
Key 1726L	EN	2.6	LL	3	RPM DB2616R	G + AL + EVE + P2	2.6	GT	3, 5	LG C3501RX	AG	3.5	Xtend	9	Stewart 3337R2X	AC + F/I	3.3	Xtend	9
Key 1732L	EN	3.2	LL	4, 5	RPM DB2817R	G + AL + EVE + P2	2.8	GT	3, 5	LG C3911RX	AG	3.9	Xtend	9	Stewart 3437R2X	AC + F/I	3.4	Xtend	9
Key 1735L	EN	3.6	LL	4, 6, 7	RPM DB3517R	G + AL + EVE + P2	3.5	GT	4, 6, 7	NuTech Seed, LLC 2321 North Loop Dr., Suite 230 Ames, IA 50010 www.yieldleader.com		402-661-4700			Stewart 3527R2X	AC + F/I	3.5	Xtend	9
Asgrow 800 N Lindbergh Blvd St. Louis, MO 63167 www.asgrowanddekalb.com		800-768-6387			RPM DB3817R	G + AL + EVE + P2	3.8	GT	4, 6, 8	NuTech 3252L	SC	2.5	LL	3	Stewart 3516R2	AC + F/I	3.5	RR2	6, 7
AG2336	AC	2.3	RR2Y	3	RPM DB4013RR	G + AL + EVE + P2	4.0	GT	8	NuTech 7279	SC	2.7	RR1	3, 5	Stewart 3827R2X	AC + F/I	3.8	Xtend	9
AG2535	AC	2.5	RR2Y	3	DuPont Pioneer 59 Grief Parkway Suite 200 Delaware, OH 43015 www.pioneer.com		740-657-6120			NuTech 3273L	SC	2.7	LL	5	Stewart 3816R2X	AC + F/I	3.8	Xtend	9
AG2836	AC	2.8	RR2Y	3, 5	P28T62R	PPST	2.8	RR1	3	NuTech 7307	SC	3.0	RR1	3, 5	Stewart 4116R2X	AC + F/I	4.1	Xtend	9
AG2935	AC	2.9	RR2Y	3, 5	P31T11R	PPST	3.1	RR1	4	NuTech 3309L	SC	3.0	LL	5	Steyer Seeds PO Box 209 Old Fort, OH 44861 www.steyerseeds.com		800-231-4274		
AG3034	AC	3.0	RR2Y	3, 5	P33T172R	PPST	3.3	RR1	4, 5	NuTech 3341L	SC	3.4	LL	6, 7	Steyer 2704XR	SS	2.7	Xtend	9
AG3231	AC	3.2	RR2Y	4, 5, 7	P33T19X	PPST	3.3	Xtend	9	NuTech 3361L	SC	3.6	LL	7	Steyer 2805R2	SS	2.8	RR2	3, 5
AG3334	AC	3.3	RR2Y	4, 5, 7	P34T07R2	PPST	3.4	RR2	6	NuTech 3386L	SC	3.8	LL	8	Steyer 3003XR	SS	3	Xtend	9
AG3533	AC	3.5	RR2Y	4, 6, 7	P35T175X	PPST	3.5	Xtend	9	Public Certified 11491 Foundation Rd Croton, OH 43013		740-893-2501			Steyer 3206XR	SS	3.2	Xtend	9
AG3536	AC	3.5	RR2Y	4, 6, 7	P35T197R2	PPST	3.5	RR2	6	Summit	EC	2.6	CV	3, 5	Steyer 3205R2	SS	3.2	RR2Y	4, 7
AG3832	AC	3.8	RR2Y	6, 8	P36T14R2	PPST	3.6	RR2	7	Streeter	EC	3.0	CV	3, 5	Steyer 3408XR	SS	3.4	Xtend	9
AG3936	AC	3.9	RR2Y	8	P36T36X	PPST	3.6	Xtend	9	Lorain	EC	3.4	CV	4, 6	Steyer 3806XR	SS	3.8	Xtend	9
AG4135	AC	4.1	RR2Y	8	P38T42R	PPST	3.8	RR1	8	Highpro1	EC	3.7	CV	4, 6, 7	Syngenta 11055 Wayzata Blvd Minnetonka, MN 55305 www.syngenta.com		800-445-0956		
Bayer Crop Science / Credenz 2 T.W. Alexander Dr. Research Triangle Park, NC 27709 www.cropscience.bayer.com		309-212-5454			P39T28X	PPST	3.9	Xtend	9	HS6-3967B	EC	3.9	CV	6, 8	Syngenta S28-N6	CC + MT	2.8	RR2	3, 5
CZ 2601 LL	∅V + PV + II	2.6	LL	3	Dyna-Gro Seed 40 Executive Drive, Suite E Carmel, IN 46032 www.dynagroseed.com		317-844-5967			Clermont	EC	3.9	CV	8	Syngenta S30-V6	CC + MT	3.0	RR2	3, 5
CZ 2788 RY	∅V + PV + II	2.7	RR2	3	Dyna-Gro S26RY37	CM + V	2.6	RR2	3	Rupp Seeds, Inc. 17919 Co. Rd. B Wauseon, OH 43567 www.ruppseeds.com		419-337-1841			Syngenta S36-Y6	CC + MT	3.6	RR2	4, 6
CZ 2810 LL	∅V + PV + II	2.8	LL	3, 5	Dyna-Gro S27LL55	CM + V	2.7	LL	3	Rupp rs7205	A + MX + EX + C	2.0	RR2	3	Syngenta S37-Z8	CC + MT	3.7	RR2	4, 6, 7
CZ 2915 LL	∅V + PV + II	2.9	LL	3, 5	Dyna-Gro S29RY05	CM + V	2.9	RR2	3	Rupp rs21XT10	A + MX + EX + C	2.1	Xtend	9	Syngenta S39-C4	CC + MT	3.9	RR2	6, 8
CZ 3060 RY	∅V + PV + II	3	RR2	3	Dyna-Gro S30XT96	CM + V	3.0	Xtend	9	Rupp rs7239	A + MX + EX + C	2.3	RR2	3	Wellman Seeds, Inc. 23778 Delphos Jennings Rd Delphos, OH 45833 www.wellmanseeds.com		800-717-7333		
CZ 3234 LL	∅V + PV + II	3.2	LL	4, 5, 7	Dyna-Gro S31RY86	CM + V	3.1	RR2	4, 5	Rupp rs7242	A + MX + EX + C	2.4	RR2	3	W 5627	EN	2.7	Xtend	
CZ 3233 LL	∅V + PV + II	3.2	LL	4, 5	Dyna-Gro S33RY76	CM + V	3.3	RR2	4, 5, 7	Rupp rs27XT161	A + MX + EX + C	2.7	Xtend	9	W 295	EN	2.9	CV	3, 5
CZ 3443 LL	∅V + PV + II	3.4	LL	6, 7	Dyna-Gro S3305N	CM + V	3.3	CV	4, 5	Rupp rs7302	A + MX + EX + C	3.0	RR2	3, 5	W 4529	EN	2.9	RR2	3, 5
CZ 3560 RY	∅V + PV + II	3.5	RR2	4, 6, 7	Dyna-Gro S33XT07	CM + V	3.3	Xtend	9	Rupp rs7377	A + MX + EX + C	3.7	RR2	6	W 5630	EN	3.0	Xtend	9
CZ 3601 LL	∅V + PV + II	3.6	LL	4, 6, 7	Dyna-Gro S35XT197	CM + V	3.5	Xtend	9					W 315	EN	3.1	CV	4, 5	
CZ 3737 LL	∅V + PV + II	3.7	LL	6, 7	Dyna-Gro S36LL77	CM + V	3.6	LL	6, 7					W 4732	EN	3.2	RR2	4, 5, 7	
CZ 3841 LL	∅V + PV + II	3.8	LL	6, 8	Dyna-Gro S37RS96	CM + V	3.7	RR2/STS	4, 6, 7					W 4333	EN	3.3	RR2	4, 5, 7	
CZ 4181 RY	∅V + PV + II	3.9	RR2	8	Dyna-Gro S37XT47	CM + V	3.7	Xtend	9					W 5733	EN	3.3	Xtend	9	
CZ 3945 LL	∅V + PV + II	3.9	LL	8	Dyna-Gro S38LL54														

TABLE 3: The 2016 Ohio Soybean Performance Trials, North Region - Early Varieties (RM 2.0-3.0)

Entry		Physical Characteristics					North Region Yield (bu/ac)					
Brand/Variety	Company Name	Type	Rel. Mat.	Ht. (in)	Seeds/lb.	% Protein	% Oil	% Fiber	N1	N2	'16 Mean	'15-'16 Mean
Rupp rs7205	Rupp Seeds, Inc.	RR2	2.0						46.6	50.0	48.3	50.2
AG2336	Asgrow	RR2	2.3						50.6	59.6	55.1	54.6
Rupp rs7239	Rupp Seeds, Inc.	RR2	2.3						51.7	52.1	51.9	54.7
RS7242	Rupp Seeds, Inc.	RR2	2.4						49.5	52.9	51.2	
AG2535	Asgrow	RR2	2.5						47.4	52.7	50.1	53.2
NuTech 3252L	NuTech Seed, LLC	LL	2.5						51.3	56.9	54.1	56.8
SCS 9256R™	Seed Consultants, Inc.	RR1	2.5						51.6	47.8	49.7	
AGI 26RY2	Advanced Genetics, Inc.	RR2	2.6						54.9	57.6	56.3	57.0
Key 1726L	AGRA Solutions	LL	2.6						49.5	55.2	52.4	
CZ 2601 LL	Bayer Crop Science	LL	2.6						54.6	55.1	54.9	
Beck's 264L4	Beck's Hybrids	LL	2.6						47.0	54.2	50.6	
RPM DB2616R	Doebler's PA Hybrids, Inc.	GT	2.6						50.0	54.6	52.3	
Dyna-Gro S26RY37	Dyna-Gro Seed	RR2	2.6						56.7*	61.2*	59.0	
Summit	Public	CV	2.6						50.8	53.2	52.0	58.9
Stewart 2626R2	Stewart Seeds	RR2	2.6						48.3	52.8	50.6	
CZ 2788 RY	Bayer Crop Science	RR2	2.7						53.9	55.1	54.5	61.6
Beck's 273R4™*brand	Beck's Hybrids	RR1	2.7						46.7	51.0	48.9	
Dyna-Gro S27LL55	Dyna-Gro Seed	LL	2.7						50.8	52.8	51.8	58.1
Ebberts 2276RR2	Ebberts Field Seeds, Inc.	RR2	2.7						53.1	54.4	53.8	57.5
GL 2789R2	Great Lakes Hybrids	RR2	2.7						52.4	60.8	56.6	
NuTech 7279	NuTech Seed, LLC	RR1	2.7						47.6	50.5	49.1	
SC 9277R™	Seed Consultants, Inc.	RR1	2.7						51.0	54.9	53.0	
AGI 28LL01	Advanced Genetics, Inc.	LL	2.8						53.9	60.1	57.0	
AGI 28RY3	Advanced Genetics, Inc.	RR2	2.8						58.2*	60.6	59.4	
AGI 28RY5	Advanced Genetics, Inc.	RR2	2.8						54.9	53.5	54.2	60.5
AG2836	Asgrow	RR2	2.8						59.2*	63.0*	61.1	59.0
CZ 2810 LL	Bayer Crop Science	LL	2.8						59.3*	64.0*	61.7	63.9
RPM DB2817R	Doebler's PA Hybrids, Inc.	GT	2.8						51.7	54.1	52.9	
P28T62R	DuPont Pioneer	RR1	2.8						49.8	60.0	54.9	
Rupp rs7283	Rupp Seeds, Inc.	RR2	2.8						50.6	58.0	54.3	57.1
ShurGrow SG-2815R2R	Shur Grow	RR2	2.8						55.4*	53.4	54.4	56.3
Stewart 2815R2	Stewart Seeds	RR2	2.8						50.9	67.3*	59.1	60.7
Steyer 2805R2	Steyer Seeds	RR2	2.8						54.4	54.7	54.6	57.3
Syngenta S28-N6	Syngenta - NK Brand	RR2	2.8						57.2*	61.7*	59.5	
AG2935	Asgrow	RR2	2.9						55.3*	65.4*	60.4	61.8
CZ 2915 LL	Bayer Crop Science	LL	2.9						49.5	64.9*	57.2	61.3
Beck's 297R4™*brand	Beck's Hybrids	RR1	2.9						47.2	51.6	49.4	58.1
Beck's 298L4	Beck's Hybrids	LL	2.9						46.8	61.0	53.9	59.3
DSR-2909/R2Y	Dairyland Seed	RR2	2.9						52.5	59.7	56.1	59.0
Dyna-Gro S29RY05	Dyna-Gro Seed	RR2	2.9						54.3	67.8*	61.1	63.5
SCS 9295RR™	Seed Consultants, Inc.	RR1	2.9						53.4	60.8	57.1	60.0
W 295	Wellman Seeds, Inc.	CV	2.9						57.6*	61.5*	59.6	62.3
W 4529	Wellman Seeds, Inc.	RR2	2.9						52.2	55.1	53.7	57.0
AGI 30M08	Advanced Genetics, Inc.	RR1	3.0						57.6*	66.8*	62.2	
AG3034	Asgrow	RR2	3.0						56.0*	58.4	57.2	61.3
CZ 3060 RY	Bayer Crop Science	RR2	3.0						60.9**	54.6	57.8	65.0
Channel 3009RR2	Channel Seed	RR2	3.0						52.0	64.4*	58.2	63.5
LG C3070R2	LG Seeds	RR2	3.0						50.7	63.7*	57.2	60.3
NuTech 7307	NuTech Seed, LLC	RR1	3.0						55.7*	62.8*	59.3	59.9
Streeter	Public	CV	3.0						55.5*	57.8	56.7	59.0
Rupp rs7302	Rupp Seeds, Inc.	RR2	3.0						52.2	64.6*	58.4	
Stewart 3016R2	Stewart Seeds	RR2	3.0						53.6	60.5	57.1	62.2
Syngenta S30-V6	Syngenta - NK Brand	RR2	3.0						60.4*	68.4**	64.4	64.9
	Min		2.0						46.6	47.8	48.3	50.2
	Max		3.0						60.9	68.4	64.4	65.0
	Mean		2.8						52.7	58.0	55.4	59.3
	LSD (0.1)								5.7	7.3		
	CV								9.3	10.8		

TABLE 4: The 2016 Ohio Soybean Performance Trials, North Region - Late Varieties (RM 3.1-3.9)

Entry			Physical Characteristics				North Region Yield (bu/ac)					
Brand/Variety	Company Name	Type	Rel. Mat.	Ht. (in)	Seeds/lb.	% Protein	% Oil	% Fiber	N1	N2	'16 Mean	'15-'16 Mean
AGI 30RY3	Advanced Genetics, Inc.	RR2	3.1						51.7	68.8	60.3	
AGI 31CN07	Advanced Genetics, Inc.	CV	3.1						67.1*	66.8	67.0	
AGI 31M04	Advanced Genetics, Inc.	RR1	3.1						56.4	64.2	60.3	
AGI 31RY6	Advanced Genetics, Inc.	RR2	3.1						58.5	58.0	58.3	58.5
P31T11R	DuPont Pioneer	RR1	3.1						57.4	67.7	62.6	61.6
Dyna-Gro S31RY86	Dyna-Gro Seed	RR2	3.1						60.1	59.8	60.0	60.9
Ebberts 2316RR2	Ebberts Field Seeds, Inc.	RR2	3.1						59.0	69.3	64.2	63.4
LG C3171R2	LG Seeds	RR2	3.1						44.9	66.6	55.8	
SCS 9314RR™	Seed Consultants, Inc.	RR1	3.1						57.4	67.9	62.7	62.2
ShurGrow SG-3116R2R	Shur Grow	RR2	3.1						52.5	66.2	59.4	60.1
W 315	Wellman Seeds, Inc.	CV	3.1						55.1	63.1	59.1	
AGI 32R2Y4	Advanced Genetics, Inc.	RR2	3.2						65.1*	72.2*	68.7	67.1
Key 1732L	AGRA Solutions	LL	3.2						62.9	66.1	64.5	
AG3231	Asgrow	RR2	3.2						58.3	63.4	60.9	60.0
CZ 3233 LL	Bayer Crop Science	LL	3.2						65.4*	61.3	63.4	60.1
CZ 3234 LL	Bayer Crop Science	LL	3.2						62.4	66.9	64.7	
DSR-3250/R2Y	Dairyland Seed	RR2	3.2						62.6	72.4*	67.5	67.7
ShurGrow SG-3213R2R	Shur Grow	RR2	3.2						57.0	74.9*	66.0	65.2
Stewart 3213R2	Stewart Seeds	RR2	3.2						60.4	67.7	64.1	65.7
Steyer 3205R2	Steyer Seeds	RR2	3.2						62.8	76.0*	69.4	
W 4732	Wellman Seeds, Inc.	RR2	3.2						67.2*	66.4	66.8	
AG3334	Asgrow	RR2	3.3						61.2	67.9	64.6	65.5
Beck's 333R4™*brand	Beck's Hybrids	RR1	3.3						66.2*	69.9	68.1	
Beck's 338L4	Beck's Hybrids	LL	3.3						62.7	67.1	64.9	
P33T72R	DuPont Pioneer	RR1	3.3						58.9	71.4	65.2	
Dyna-Gro S3305N	Dyna-Gro Seed	CV	3.3						62.9	71.1	67.0	68.4
Dyna-Gro S33RY76	Dyna-Gro Seed	RR2	3.3						66.3*	66.9	66.6	66.1
Ebberts 2324RR2	Ebberts Field Seeds, Inc.	RR2	3.3						62.7	75.6*	69.2	69.0
LG C3321R2	LG Seeds	RR2	3.3						62.9	72.6*	67.8	64.4
Rupp rs7332	Rupp Seeds, Inc.	RR2	3.3						57.2	73.7*	65.5	64.5
SCS 9335RR™	Seed Consultants, Inc.	RR1	3.3						63.1	66.9	65.0	64.8
W 4333	Wellman Seeds, Inc.	RR2	3.3						61.6	77.4**	69.5	66.8
DSR-3434/R2Y	Dairyland Seed	RR2	3.4						60.0	74.0*	67.0	
Lorain	Public	CV	3.4						57.7	62.5	60.1	
ShurGrow SG-3415R2R	Shur Grow	RR2	3.4						65.4*	68.5	67.0	65.4
W 4534	Wellman Seeds, Inc.	RR2	3.4						60.8	67.3	64.1	
AGI 35RY4	Advanced Genetics, Inc.	RR2	3.5						63.5	68.2	65.9	67.7
AG3533	Asgrow	RR2	3.5						67.0*	69.9	68.5	66.7
AG3536	Asgrow	RR2	3.5						63.4	68.0	65.7	64.3
CZ3560 RY	Bayer Crop Science	RR2	3.5						60.8	67.1	64.0	65.7
Channel 3509RR2	Channel Seed	RR2	3.5						67.0*	70.1	68.6	68.1
RPM DB3517R	Doebler's PA Hybrids, Inc.	GT	3.5						63.9*	69.7	66.8	
SCS 9356R2™	Seed Consultants, Inc.	RR2	3.5						67.6*	72.6*	70.1	68.6
ShurGrow SG-3515R2R	Shur Grow	RR2	3.5						63.8*	74.1*	69.0	
Key 1735L	AGRA Solutions	LL	3.6						57.0	66.1	61.6	
CZ 3601 LL	Bayer Crop Science	LL	3.6						67.3*	69.6	68.5	
Ebberts 2366RR2	Ebberts Field Seeds, Inc.	RR2	3.6						70.0**	68.5	69.3	69.7
GL 3659R2	Great Lakes Hybrids	RR2	3.6						63.9*	60.9	62.4	65.5
SC 9367R™	Seed Consultants, Inc.	RR1	3.6						62.6	68.8	65.7	
Syngenta S36-Y6	Syngenta - NK Brand	RR2	3.6						61.3	71.0	66.2	
W 4636	Wellman Seeds, Inc.	RR2	3.6						67.6*	67.6	67.6	68.8
Dyna-Gro S37RS96	Dyna-Gro Seed	RR2/STS	3.7						66.1*	69.8	68.0	68.9
Highpro1	Public	CV	3.7						50.8	62.4	56.6	
Syngenta S37-Z8	Syngenta - NK Brand	RR2	3.7						60.6	70.0	65.3	68.0
RPM DB3817R	Doebler's PA Hybrids, Inc.	GT	3.8						64.0*	69.3	66.7	
W 4339	Wellman Seeds, Inc.	RR2	3.9						65.0*	71.5	68.3	70.9
	Min		3.1						44.9	54.1	55.8	58.5
	Max		3.9						70.0	77.4	70.1	70.9
	Mean		3.4						61.2	68.2	65.0	65.5
	LSD (0.1)								6.3	5.7		
	CV								8.7	7.1		

TABLE 5: The 2016 Ohio Soybean Performance Trials, Central Region - Early Varieties (RM 2.8-3.2)

Entry		Physical Characteristics					Central Region Yield (bu/ac)					
Brand/Variety	Company Name	Type	ReL Mat.	Ht. (in)	Seeds/lb.	% Protein	% Oil	% Fiber	C1	C2	'16 Mean	'15-'16 Mean
AGI 26RY2	Advanced Genetics, Inc.	RR2	2.6						54.9	67.3	61.1	60.1
RPM DB2616R	Doebler's PA Hybrids, Inc.	GT	2.6						55.5	66.7	61.1	
Summit	Public	CV	2.6						56.7	64.1	60.4	
Ebberts 2276RR2	Ebberts Field Seeds, Inc.	RR2	2.7						58.3	63.1	60.7	61.3
NuTech 3273L	NuTech Seed, LLC	LL	2.7						71.2*	73.1	72.2	
NuTech 7279	NuTech Seed, LLC	RR1	2.7						60.5	72.0	66.3	
AG2836	Asgrow	RR2	2.8						71.1*	75.1	73.1	65.2
CZ 2810 LL	Bayer Crop Science	LL	2.8						70.0*	76.5*	73.3	70.3
RPM DB2817R	Doebler's PA Hybrids, Inc.	GT	2.8						66.6	71.1	68.9	
Rupp rs7283	Rupp Seeds, Inc.	RR2	2.8						63.7	72.5	68.1	
ShurGrow SG-2815R2R	Shur Grow	RR2	2.8						56.5	64.5	60.5	
Steyer 2805R2	Steyer Seeds	RR2	2.8						68.0*	72.5	70.3	65.1
Syngenta S28-N6	Syngenta - NK Brand	RR2	2.8						65.2	76.3*	70.8	
AG2935	Asgrow	RR2	2.9						66.6	70.9	68.8	64.9
CZ 2915 LL	Bayer Crop Science	LL	2.9						67.4	73.6	70.5	64.9
W 295	Wellman Seeds, Inc.	CV	2.9						70.0*	75.7	72.9	
W 4529	Wellman Seeds, Inc.	RR2	2.9						68.0*	70.6	69.3	65.6
AG3034	Asgrow	RR2	3.0						63.7	66.7	65.2	64.5
Channel 3009RR2	Channel Seed	RR2	3.0						63.1	68.0	65.6	64.4
NuTech 3309L	NuTech Seed, LLC	LL	3.0						70.6*	73.6	72.1	65.8
NuTech 7307	NuTech Seed, LLC	RR1	3.0						68.9*	79.4*	74.2	65.1
Rupp rs7302	Rupp Seeds, Inc.	RR2	3.0						68.7*	82.0**	75.4	
Streeter	Public	CV	3.0						68.2*	70.0	69.1	
Syngenta S30-V6	Syngenta - NK Brand	RR2	3.0						72.9*	75.1	74.0	71.4
AGI 30RY3	Advanced Genetics, Inc.	RR2	3.1						67.7*	77.8*	72.8	67.1
Dyna-Gro S31RY86	Dyna-Gro Seed	RR2	3.1						69.3*	71.4	70.4	67.0
Ebberts 2316RR2	Ebberts Field Seeds, Inc.	RR2	3.1						67.2	77.8*	72.5	66.4
LG C3171R2	LG Seeds	RR2	3.1						61.7	70.6	66.2	
SCS 9314RR™	Seed Consultants, Inc.	RR1	3.1						67.9*	72.1	70.0	67.4
ShurGrow SG-3116R2R	Shur Grow	RR2	3.1						64.8	75.3	70.1	64.3
W 315	Wellman Seeds, Inc.	CV	3.1						57.2	70.1	63.7	
AG3231	Asgrow	RR2	3.2						65.0	77.0*	71.0	69.3
AGI 32R2Y4	Advanced Genetics, Inc.	RR2	3.2						69.5*	73.9	71.7	69.7
CZ 3233 LL	Bayer Crop Science	LL	3.2						73.2*	78.0*	75.6	69.5
CZ 3234 LL	Bayer Crop Science	LL	3.2						69.5*	72.4	71.0	
Key 1732L	AGRA Solutions	LL	3.2						70.4*	70.9	70.7	
ShurGrow SG-3213R2R	Shur Grow	RR2	3.2						72.8*	75.6	74.2	70.2
Stewart 3213R2	Stewart Seeds	RR2	3.2						68.5*	75.4	72.0	70.5
W 4732	Wellman Seeds, Inc.	RR2	3.2						72.4*	80.1*	76.3	
AG3334	Asgrow	RR2	3.3						71.7*	77.4*	74.6	70.8
AGI 33R2Y4	Advanced Genetics, Inc.	RR2	3.3						64.9	70.6	67.8	
Beck's 333R4™*brand	Beck's Hybrids	RR1	3.3						70.0*	72.8	71.4	
Dyna-Gro S3305N	Dyna-Gro Seed	CV	3.3						74.2**	82.0**	78.1	74.9
Dyna-Gro S33RY76	Dyna-Gro Seed	RR2	3.3						73.8*	78.2*	76.0	70.2
Ebberts 2324RR2	Ebberts Field Seeds, Inc.	RR2	3.3						71.7*	81.9*	76.8	73.6
LG C3321R2	LG Seeds	RR2	3.3						68.4*	81.2*	74.8	70.5
P33T72R	DuPont Pioneer	RR1	3.3						67.4	75.2	71.3	70.0
Rupp rs7332	Rupp Seeds, Inc.	RR2	3.3						70.5*	77.9*	74.2	71.5
SCS 9335RR™	Seed Consultants, Inc.	RR1	3.3						66.3	73.2	69.8	69.8
W 4333	Wellman Seeds, Inc.	RR2	3.3						70.8*	79.4*	75.1	72.5
	Min		2.8						54.9	63.1	60.4	60.1
	Max		3.2						74.2	82.0	78.1	74.9
	Mean		3.0						67.0	73.6	70.4	67.9
	LSD (0.1)								6.5	6.2		
	CV								8.2	7.2		

TABLE 6: The 2016 Ohio Soybean Performance Trials, Central Region - Late Varieties (RM 3.4-3.9)

Entry		Type	Physical Characteristics				Central Region Yield (bu/ac)					
Brand/Variety	Company Name		Rel. Mat.	Ht. (in)	Seeds/lb.	% Protein	% Oil	% Fiber	C1	C2	'16 Mean	'15-'16 Mean
CZ 3443 LL	Bayer Crop Science	LL	3.4						73.7	67.6	70.7	67.9
Beck's 345R4™*brand	Beck's Hybrids	RR1	3.4						76.1	70.1	73.1	71.4
P34T07R2	DuPont Pioneer	RR2	3.4						76.0	69.3	72.7	70.4
NuTech 3341L	NuTech Seed, LLC	LL	3.4						76.4	70.3	73.4	
Lorain	Public	CV	3.4						63.5	57.3	60.4	
ShurGrow SG-3415R2R	Shur Grow	RR2	3.4						74.1	67.6	70.9	67.0
W 4534	Wellman Seeds, Inc.	RR2	3.4						78.1	74.4*	76.3	
AGI 35LL01	Advanced Genetics, Inc.	LL	3.5						81.9*	72.6	77.3	
AGI 35RY4	Advanced Genetics, Inc.	RR2	3.5						75.0	64.4	69.7	69.6
AG3533	Asgrow	RR2	3.5						75.4	70.6	73.0	69.0
AG3536	Asgrow	RR2	3.5						72.6	74.4*	73.5	69.9
CZ3560 RY	Bayer Crop Science	RR2	3.5						75.8	72.6	74.2	74.0
Channel 3509RR2	Channel Seed	RR2	3.5						81.7*	71.8	76.8	75.2
RPM DB3517R	Doebler's PA Hybrids, Inc.	GT	3.5						76.0	72.6	74.3	
P35T97R2	DuPont Pioneer	RR2	3.5						77.3	72.7	75.0	70.8
SCS 9356R2™	Seed Consultants, Inc.	RR2	3.5						77.7	74.0*	75.9	70.9
ShurGrow SG-3515R2R	Shur Grow	RR2	3.5						79.0*	75.8*	77.4	72.2
Stewart 3516R2	Stewart Seeds	RR2	3.5						72.6	67.9	70.3	70.4
AGI 36LL01	Advanced Genetics, Inc.	LL	3.6						79.5*	72.6	76.1	
Key 1735L	AGRA Solutions	LL	3.6						66.0	70.2	68.1	
CZ 3601 LL	Bayer Crop Science	LL	3.6						75.8	79.1*	77.5	
Beck's 366L4	Beck's Hybrids	LL	3.6						76.2	76.0*	76.1	76.1
DSR-3630/R2Y	Dairyland Seed	RR2	3.6						77.9	81.0*	79.5	
Dyna-Gro S36LL77	Dyna-Gro Seed	LL	3.6						81.1*	66.3	73.7	
Ebberts 2366RR2	Ebberts Field Seeds, Inc.	RR2	3.6						77.8	77.0*	77.4	73.8
GL 3659R2	Great Lakes Hybrids	RR2	3.6						81.0*	73.2	77.1	71.0
LG C3647R2	LG Seeds	RR2	3.6						76.9	79.2*	78.1	72.6
SC 9367R™	Seed Consultants, Inc.	RR1	3.6						75.8	76.1*	76.0	
Syngenta S36-Y6	Syngenta - NK Brand	RR2	3.6						82.6*	76.2*	79.4	
W 4636	Wellman Seeds, Inc.	RR2	3.6						76.9	80.1*	78.5	72.0
AGI 37RY3	Advanced Genetics, Inc.	RR2	3.7						78.8*	75.2*	77.0	72.2
CZ 3737 LL	Bayer Crop Science	LL	3.7						80.9*	80.3*	80.6	71.9
Channel 3707RR2/SR	Channel Seed	RR2/SR	3.7						79.1*	74.5*	76.8	
DSR-3745/R2Y	Dairyland Seed	RR2	3.7						77.5	74.8*	76.2	
Dyna-Gro S37RS96	Dyna-Gro Seed	RR2/STS	3.7						78.4	74.3*	76.4	70.3
GL 3729R2	Great Lakes Hybrids	RR2	3.7						85.0*	81.2**	83.1	76.6
Highpro 1	Public	CV	3.7						70.1	59.2	64.7	
Rupp rs7377	Rupp Seeds, Inc.	RR2	3.7						81.1*	78.8*	80.0	75.3
Syngenta S37-Z8	Syngenta - NK Brand	RR2	3.7						80.5*	70.4	75.5	72.8
AGI 38RY3	Advanced Genetics, Inc.	RR2	3.8						79.5*	74.4*	77.0	73.6
AG3832	Asgrow	RR2	3.8						77.4	70.8	74.1	71.9
CZ 3841 LL	Bayer Crop Science	LL	3.8						81.6*	73.1	77.4	73.9
Beck's 382L4	Beck's Hybrids	LL	3.8						75.1	73.3	74.2	
Beck's 387R4™*brand	Beck's Hybrids	RR1	3.8						74.7	78.6*	76.7	75.5
DSR-3838/R2Y	Dairyland Seed	RR2	3.8						69.1	74.1*	71.6	
RPM DB3817R	Doebler's PA Hybrids, Inc.	GT	3.8						74.4	71.2	72.8	
Dyna-Gro S38LL54	Dyna-Gro Seed	LL	3.8						76.3	61.7	69.0	70.2
Ebberts 2387RR2	Ebberts Field Seeds, Inc.	RR2	3.8						79.4*	78.0*	78.7	
SCS 9385RR™	Seed Consultants, Inc.	RR1	3.8						82.1*	77.9*	80.0	75.7
AGI 39LL01	Advanced Genetics, Inc.	LL	3.9						76.6	75.4*	76.0	
Beck's 394L4	Beck's Hybrids	LL	3.9						77.4	73.3	75.4	
Dyna-Gro S39RY65	Dyna-Gro Seed	RR2	3.9						79.1*	74.5*	76.8	72.3
HS6-3967B	Public	CV	3.9						66.5	64.4	65.5	
Syngenta S39-C4	Syngenta - NK Brand	RR2	3.9						85.8**	77.2*	81.5	79.0
W 4339	Wellman Seeds, Inc.	RR2	3.9						82.8*	74.4*	78.6	75.7
	Min		3.4						63.5	55.9	60.4	67.0
	Max		3.9						85.8	81.2	83.1	79.0
	Mean		3.6						76.1	71.5	75.0	72.4
	LSD (0.1)								7.2	7.3		
	CV								8.0	8.7		

TABLE 7: The 2016 Ohio Soybean Performance Trials, South Region - Early Varieties (RM 3.2-3.7)

Entry			Physical Characteristics				South Region Yield (bu/ac)				
Brand/Variety	Company Name	Type	Rel. Mat. Ht. (in)	Seeds/lb.	% Protein	% Oil	% Fiber	S1	S2	'16 Mean	'15-'16 Mean
AG3231	Asgrow	RR2	3.2					73.5	49.0	61.3	
CZ 3234 LL	Bayer Crop Science	LL	3.2					69.1	59.7	64.4	
Steyer 3205R2	Steyer Seeds	RR2	3.2					75.9*	59.9	67.9	
W 4732	Wellman Seeds, Inc.	RR2	3.2					74.3*	61.0	67.7	
AG3334	Asgrow	RR2	3.3					76.2*	46.9	61.6	62.2
Dyna-Gro S33RY76	Dyna-Gro Seed	RR2	3.3					74.6*	46.7	60.7	62.8
Ebberts 2324RR2	Ebberts Field Seeds, Inc.	RR2	3.3					72.3	61.3	66.8	69.8
W 4333	Wellman Seeds, Inc.	RR2	3.3					73.4	56.2	64.8	
CZ 3443 LL	Bayer Crop Science	LL	3.4					69.9	57.3	63.6	
NuTech 3341L	NuTech Seed, LLC	LL	3.4					62.9	66.7*	64.8	
W 4534	Wellman Seeds, Inc.	RR2	3.4					74.0*	51.0	62.5	
AGI 35LL01	Advanced Genetics, Inc.	LL	3.5					65.5	61.5*	63.5	
AG3533	Asgrow	RR2	3.5					76.4*	59.0	67.7	67.0
AG3536	Asgrow	RR2	3.5					73.9	65.8*	69.9	70.2
CZ3560 RY	Bayer Crop Science	RR2	3.5					72.8	61.4*	67.1	
Channel 3509RR2	Channel Seed	RR2	3.5					72.1	40.6	56.4	62.9
RPMDB3517R	Doebler's PA Hybrids, Inc.	GT	3.5					70.3	61.0	65.7	
Stewart 3516R2	Stewart Seeds	RR2	3.5					71.8	42.9	57.4	
Key 1735L	AGRA Solutions	LL	3.6					70.3	58.2	64.3	
CZ 3601 LL	Bayer Crop Science	LL	3.6					77.9**	66.8*	72.4	72.4
P36T14R2	DuPont Pioneer	RR2	3.6					74.4*	61.6*	68.0	70.4
Dyna-Gro S36LL77	Dyna-Gro Seed	LL	3.6					75.8*	59.6	67.7	
Ebberts 2366RR2	Ebberts Field Seeds, Inc.	RR2	3.6					69.9	55.2	62.6	64.5
GL 3659R2	Great Lakes Hybrids	RR2	3.6					67.2	53.3	60.3	62.5
LG C3647R2	LG Seeds	RR2	3.6					64.5	47.2	55.9	63.0
NuTech 3361L	NuTech Seed, LLC	LL	3.6					74.5*	67.3**	70.9	70.8
SC 9367R™	Seed Consultants, Inc.	RR1	3.6					74.5*	59.7	67.1	
W 4636	Wellman Seeds, Inc.	RR2	3.6					63.6	54.6	59.1	61.1
CZ 3737 LL	Bayer Crop Science	LL	3.7					74.1*	61.6*	67.9	66.2
Channel 3707RR2/SR	Channel Seed	RR2/SR	3.7					71.1	62.6*	66.9	
Dyna-Gro S37RS96	Dyna-Gro Seed	RR2/STS	3.7					65.1	47.4	56.3	62.5
GL 3729R2	Great Lakes Hybrids	RR2	3.7					72.5	59.4	66.0	66.8
Highpro1	Public	CV	3.7					67.5	59.5	63.5	
Syngenta S37-Z8	Syngenta - NK Brand	RR2	3.7					72.3	60.0	66.2	70.9
W 4339	Wellman Seeds, Inc.	RR2	3.9					76.7*	58.8	67.8	69.7
	Min		3.2					62.9	40.6	55.9	61.1
	Max		3.7					77.9	67.3	72.4	72.4
	Mean		3.5					71.7	57.3	64.5	66.4
	LSD (0.1)							3.9	5.9		
	CV							4.6	8.7		

TABLE 8: The 2016 Ohio Soybean Performance Trials, South Region - Late Varieties (RM 3.8-4.5)

Entry			Physical Characteristics				South Region Yield (bu/ac)				
Brand/Variety	Company Name	Type	Rel. Mat. Ht. (in)	Seeds/lb.	% Protein	% Oil	% Fiber	S1	S2	'16 Mean	'15-'16 Mean
AG3832	Asgrow	RR2	3.8					75.7*	52.8	64.3	66.8
CZ 3841 LL	Bayer Crop Science	LL	3.8					71.6	66.0	68.8	71.2
Beck's 382L4	Beck's Hybrids	LL	3.8					72.8*	64.3	68.6	
Beck's 387R4™*brand	Beck's Hybrids	RR1	3.8					76.2*	65.4	70.8	72.1
RPM DB3817R	Doebler's PA Hybrids, Inc.	GT	3.8					69.8	66.3	68.1	
P38T42R	DuPont Pioneer	RR1	3.8					68.7	67.6*	68.2	
Dyna-Gro S3805N	Dyna-Gro Seed	CV	3.8					69.1	60.7	64.9	67.8
Dyna-Gro S38LL54	Dyna-Gro Seed	LL	3.8					70.1	52.8	61.5	65.7
Dyna-Gro S38RY87	Dyna-Gro Seed	RR2	3.8					72.6*	53.5	63.1	
Ebberts 2387RR2	Ebberts Field Seeds, Inc.	RR2	3.8					69.6	58.6	64.1	
GL 3852NR2	Great Lakes Hybrids	RR2	3.8					74.5*	60.5	67.5	
NuTech 3386L	NuTech Seed, LLC	LL	3.8					73.8*	72.0**	72.9	73.1
SCS 9385RR™	Seed Consultants, Inc.	RR1	3.8					73.6*	61.5	67.6	71.2
AGI 39LL01	Advanced Genetics, Inc.	LL	3.9					74.2*	64.0	69.1	
AG3936	Asgrow	RR2	3.9					72.9*	67.3*	70.1	71.5
CZ 3945 LL	Bayer Crop Science	LL	3.9					67.4	58.8	63.1	65.0
Beck's 394L4	Beck's Hybrids	LL	3.9					74.5*	65.0	69.8	67.8
Dyna-Gro S39RY65	Dyna-Gro Seed	RR2	3.9					73.2*	60.1	66.7	69.5
LG C3989R2	LG Seeds	RR2	3.9					64.6	61.3	63.0	66.8
Clermont	Public	CV	3.9					61.1	53.6	57.4	
HS6-3967B	Public	CV	3.9					69.3	56.6	63.0	
SCS 9393RR™	Seed Consultants, Inc.	RR1	3.9					62.3	43.5	52.9	61.7
Syngenta S39-C4	Syngenta - NK Brand	RR2	3.9					71.8	62.3	67.1	69.5
CZ 4044 LL	Bayer Crop Science	LL	4.0					68.9	62.0	65.5	66.2
RPM DB4013RR	Doebler's PA Hybrids, Inc.	GT	4.0					67.8	60.1	64.0	
AG4135	Asgrow	RR2	4.1					70.2	62.5	66.4	71.1
CZ 4105 LL	Bayer Crop Science	LL	4.1					77.2**	60.9	69.1	71.5
CZ 4181 RY	Bayer Crop Science	RR2	4.1					70.0	65.6	67.8	71.0
SCS 9412RR™	Seed Consultants, Inc.	RR1	4.1					68.6	55.1	61.9	68.4
Dyna-Gro S42RY77	Dyna-Gro Seed	RR2	4.2					69.2	66.7*	68.0	
SCS 9456SR™	Seed Consultants, Inc.	RR1	4.5					75.5*	63.5	69.5	
	Min							61.1	43.5	52.9	61.7
	Max							77.2	72.0	72.9	73.1
	Mean							70.4	60.8	65.9	68.8
	LSD (0.1)							5.1	5.6		
	CV							6.2	7.8		

TABLE 9: The 2016 Ohio Soybean Performance Trials, All Regions - Xtend (RM 2.1-4.2)

Entry		Physical Characteristics		Yield At Each Location (bu/acre)						'16 Mean
Brand/Variety	Company Name	Rel. Mat.	Ht. (in)	N1	N2	C1	C2	S1	S2	
RS21XT10	Rupp Seeds, Inc.	2.1		52.3	47.6	NT*	NT	NT	NT	50.0
AGI 2701RX	Advanced Genetics, Inc.	2.7		53.6	54.6	61.2	66.9	NT	NT	59.1
Rupp rs27XT61	Rupp Seeds, Inc.	2.7		58.4	55.7	NT	NT	NT	NT	57.1
ShurGrow SG-2726R2X	Shur Grow	2.7		55.5	53.4	59.5	69.3	NT	NT	59.4
Steyer 2704XR	Steyer Seeds	2.7		54.7	58.6	60.4	64.1	NT	NT	59.5
W 5627	Wellman Seeds, Inc.	2.7		58.0	54.0	59.7	61.7	NT	NT	58.4
Channel 2817RR2Xtend	Channel Seed	2.8		60.8	60.7	59.9	70.4	NT	NT	63.0
AGI 3001RX	Advanced Genetics, Inc.	3.0		61.5*	59.8	64.0	73.9	NT	NT	64.8
Beck's 3091X2	Beck's Hybrids	3.0		55.8	57.2	NT	NT	NT	NT	56.5
Channel 3017RR2Xtend	Channel Seed	3.0		55.2	63.2	60.9	68.2	NT	NT	61.9
Dyna-Gro S30XT96	Dyna-Gro Seed	3.0		61.0	61.9	64.1	74.7	NT	NT	65.4
Ebberts 306R2X	Ebberts Field Seeds, Inc.	3.0		58.8	55.8	66.5	73.4	NT	NT	63.6
LG C3026RX	LG Seeds	3.0		59.4	57.9	NT	NT	NT	NT	58.7
Rupp rs30XT29	Rupp Seeds, Inc.	3.0		53.3	58.4	66.0	71.9	NT	NT	62.4
ShurGrow SG-3026R2X	Shur Grow	3.0		54.4	63.7	60.6	76.3	NT	NT	63.8
Steyer 3003XR	Steyer Seeds	3.0		54.1	57.8	61.3	75.3	NT	NT	62.1
W 5630	Wellman Seeds, Inc.	3.0		59.0	57.8	62.5	70.9	38.1	56.4	57.5
GL 3267NRX	Great Lakes Hybrids	3.2		60.1	60.8	62.8	72.1	NT	NT	64.0
Steyer 3206XR	Steyer Seeds	3.2		59.4	61.9	66.8	77.4	72.8*	66.3*	67.4
AGI 3301RX	Advanced Genetics, Inc.	3.3		59.3	61.4	64.4	74.1	NT	NT	64.8
Beck's 3353X2	Beck's Hybrids	3.3		55.3	54.7	NT	NT	NT	NT	55.0
P33T19X	DuPont Pioneer	3.3		58.5	55.3	NT	NT	NT	NT	56.9
Dyna-Gro S33XT07	Dyna-Gro Seed	3.3		63.9*	60.9	66.1	73.1	NT	NT	66.0
Ebberts 337R2X	Ebberts Field Seeds, Inc.	3.3		60.6	58.0	66.1	72.2	72.0	60.2	64.9
RS33XT63	Rupp Seeds, Inc.	3.3		62.6*	59.0	65.2	71.9	NT	NT	64.7
ShurGrow SG-3327R2X	Shur Grow	3.3		60.8	61.3	61.0	72.5	NT	NT	63.9
Stewart 3337R2X	Stewart Seeds	3.3		60.7	63.2	64.7	74.1	NT	NT	65.7
W 5733	Wellman Seeds, Inc.	3.3		61.4*	56.4	68.4	74.2	71.7	62.7	65.8
Channel 3417RR2Xtend	Channel Seed	3.4		64.2*	64.3	66.5	77.5	72.7*	59.2	67.4
GL 3460NRX	Great Lakes Hybrids	3.4		63.5*	63.2	70.1*	79.3*	76.9*	62.9	69.3
Steyer 3408XR	Steyer Seeds	3.4		63.2*	60.3	64.1	72.7	73.2*	56.0	64.9
AGI 3501RX	Advanced Genetics, Inc.	3.5		63.2*	62.1	72.5*	76.1	NT	NT	68.5
P35T75X	DuPont Pioneer	3.5		NT	NT	68.1	71.7	NT	NT	69.9
Dyna-Gro S35XT97	Dyna-Gro Seed	3.5		NT	NT	68.8*	81.2*	72.8*	63.7	71.6
Ebberts 357R2X	Ebberts Field Seeds, Inc.	3.5		66.7**	61.1	67.4	75.0	67.5	56.0	65.6
LG C3550RX	LG Seeds	3.5		NT	NT	73.0*	77.3	NT	NT	75.2
SG 3527R2X	Shur Grow	3.5		NT	NT	66.2	74.7	70.4	59.2	67.6
Stewart 3527R2X	Stewart Seeds	3.5		62.9*	58.8	65.9	74.0	73.0*	63.2	66.3
Channel 3617RR2Xtend	Channel Seed	3.6		65.3*	66.2	74.1**	82.5*	73.8*	61.5	70.6
P36T36X	DuPont Pioneer	3.6		NT	NT	NT	NT	69.9	69.2*	69.6
W 5736	Wellman Seeds, Inc.	3.6		60.8	60.7	65.8	73.2	NT	NT	65.1
AGI 3701RX	Advanced Genetics, Inc.	3.7		NT	NT	70.7*	80.5*	NT	NT	75.6
Beck's 3753X2	Beck's Hybrids	3.7		NT	NT	65.8	77.6*	NT	NT	71.7
Dyna-Gro S37XT47	Dyna-Gro Seed	3.7		NT	NT	62.3	75.8	74.7*	59.0	68.0
Ebberts 377R2X	Ebberts Field Seeds, Inc.	3.7		63.4*	65.1	65.5	77.2	72.6*	57.3	66.9
Dyna-Gro S38X46	Dyna-Gro Seed	3.8		NT	NT	NT	NT	67.0	61.1	64.1
Stewart 3816R2X	Stewart Seeds	3.8		NT	NT	69.1*	79.0*	67.0	57.4	68.1
Stewart 3827R2X	Stewart Seeds	3.8		66.7**	74.9**	68.6	82.9**	76.3*	66.4*	72.6
Steyer 3806XR	Steyer Seeds	3.8		NT	NT	63.2	80.9*	72.3*	57.5	68.5
AGI 3901RX	Advanced Genetics, Inc.	3.9		NT	NT	71.8*	81.9*	62.8	58.5	68.8
Beck's 3953X2	Beck's Hybrids	3.9		NT	NT	NT	NT	67.9	67.4	67.7
Channel 3917RR2Xtend	Channel Seed	3.9		NT	NT	NT	NT	72.1	68.6*	70.4
P39T28X	DuPont Pioneer	3.9		NT	NT	NT	NT	71.6	65.5*	68.6
LG C3911RX	LG Seeds	3.9		NT	NT	NT	NT	77.3**	66.4*	71.9
W 5736	Wellman Seeds, Inc.	3.9		NT	NT	NT	NT	70.8	56.9	63.9
Channel 4116RR2Xtend	Channel Seed	4.1		NT	NT	NT	NT	73.5*	65.7*	69.6
Stewart 4116R2X	Stewart Seeds	4.1		NT	NT	NT	NT	72.2	70.9**	71.6
Beck's 4291X2	Beck's Hybrids	4.2		NT	NT	NT	NT	75.4*	68.9*	72.2
	Min	2.1		52.3	47.6	59.5	61.7	38.1	56.0	50.0
	Max	4.2		66.7	74.9	74.1	82.9	77.3	70.9	75.6
	Mean	3.4		59.7	59.7	65.5	74.5	71.7	62.3	65.4
	LSD (0.1)			5.4	6.2	5.3	5.3	5.0	6.5	
	CV			7.7	8.9	6.9	6.1	5.9	8.8	

*NT = Not tested; Variety was not tested in that location.

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