MICHIGAN STATE UNIVERSITY | Extension

2016 Michigan Soybean Performance Report

Galecka Farms, Clinton County

Putting Your Checkoff To Work

Michigan Soybean Promotion Committee
The Soybean Checkoff
michigansoybean.org

The ***2016 Michigan Soybean Performance Report*** is a result of a cooperative effort of Michigan State University, Michigan State University Extension and the Michigan Soybean Promotion Committee. This information will help you to make informed critical choices for your 2017 soybean crop. Publication and distribution of this report is provided by checkoff funds through the Michigan Soybean Promotion Committee. This data can be accessed electronically at www.varietytrials.msu.edu/soybean and in a searchable database at www.soybeanyielddata.msu.edu.

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2016 MICHIGAN SOYBEAN PERFORMANCE REPORT

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This report provides information on the performance of Conventional, Liberty Link, and Roundup Ready soybean varieties in Michigan in 2016.

The presentation of data for the entries tested does not suggest approval or endorsement of varieties by Michigan State University.

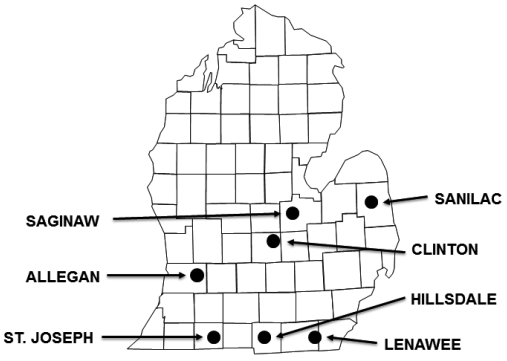
TESTING PROCEDURES

Eight trials are reported here. The Central locations for the Conventional, Roundup Ready and Liberty Link trials include test sites in Allegan, Clinton, Saginaw and Sanilac Counties. The Southern locations for the Conventional, Liberty Link and Roundup Ready trials include test sites in Clinton, Hillsdale, Lenawee, and St. Joseph (irrigated) Counties.

Twenty-eight seed companies entered a total of 253 commercial varieties. The cooperators, planting dates, harvest dates, and other site details for the locations are listed below.

Seed was planted in 6-row plots, 20 feet long with 15-inch row spacing, at a depth of 1.5-inches. The planting rate was 160,000 seeds/acre. At each location, varieties were replicated four times in a lattice design. The plots were trimmed to a length of 14 feet and the center four rows were harvested. Experimental design, data management, and data analysis were conducted with AGROBASE Generation II, (Agronomix Software, Inc., Winnipeg, Canada).

2016 TEST SITE COUNTY LOCATIONS



TEST SITE INFORMATION

Lenawee County
Nearest city: Britton
Cooperator: David & Jason Woods
Planting date: 5-24-16
Harvest date: Roundup and Liberty 11-7-16
Conventional 11-9-16
Previous crop: Seed Corn
Soil type: Brookston Clay Loam
Fertilizer: 250# /A 0-0-60
Herbicides: Conventional & Liberty Link Trials –
Preemerge 12 oz. Authority MTZ, 1.33 pt/A Dual II Magnum
Roundup Ready Trials – 32 oz./A Roundup Powermax

Hillsdale County
Nearest city: Reading
Cooperator: Robert Lennard
Planting date: 5-22-16
Harvest date: 10-7-16
Previous crop: Corn
Soil type: Matherton Loam – Sand Loam
Fertilizer: 150# 0-0-60
Herbicides: Conventional & Liberty Link Trials –
Preemerge 12 oz. Authority MTZ, 1.33 pt/A Dual II Magnum
Roundup Ready Trials – 32 oz./A Roundup Powermax

St. Joseph County - Irrigated
Nearest city: Mendon
Cooperator: Roger and Anne Gentz and Family
Planting date: 5-25-16
Harvest date: 10-25-16
Previous crop: Seed Corn
Soil type: Elston Sandy Loam
Fertilizer: 175#/A 0-0-60
Herbicides: Conventional and Liberty Link Trials –
Preemerge 12 oz. Authority MTZ, 1.33 pt/A Dual II Magnum
Roundup Ready Trials – 32 oz./A Roundup Powermax

Clinton County
Nearest city:
Cooperator: Tom Galecka
Planting date: 5-19-16
Harvest date: 10-19-16
Previous crop: Corn
Soil type: Corunna Sandy Loam
Fertilizer: none
Herbicides: All trials-Preemerge 12 oz. Authority MTZ, 1.33 pt/A Dual II Magnum
Roundup Ready Trials – 32 oz./A Roundup Powermax
Liberty Link Trials – 36oz/A Liberty

Allegan County
Nearest city: Hamilton
Cooperator: Harvey Jipping
Planting date: 5-20-16
Harvest date: 10-21-156
Previous crop: Corn
Soil type: Clay Loam
Fertilizer: Lime pelletized 200#/A, Potash Ammonia Sulfate 250#/A
Herbicides: Conventional & Liberty Link Trials –
Preemerge 12 oz. Authority MTZ, 1.33 pt/A Dual II Magnum
Roundup Ready Trials – 32 oz./A Roundup Powermax

Saginaw County
Nearest city: Saginaw
Cooperator: Tom Hoff
Planting date: 5-23-16
Harvest date: 10-16-16

Previous crop: Wheat
Soil type: Clay Loam
Fertilizer: None
Herbicides: Conventional & Liberty Link Trials –
Preemerge 12 oz. Authority MTZ, 1.33 pt/A Dual II Magnum
Roundup Ready Trials – 32 oz./A Roundup Powermax

Sanilac County
Nearest city: Sandusky
Cooperator: Gerstenberger Farms, Inc.
Planting date: 5-21-6
Harvest date: 10-24-16
Previous crop: Corn
Soil type: Parkhill Clay Loam
Fertilizer: none
Herbicides: Conventional and Liberty Link Trials –
Preemerge 1.5#/A Lorox 50% D.F. 1.33 pt/A Dual II Magnum
Roundup Ready Trials – 32 oz./A Roundup Powermax

LIBERTY LINK TRIAL

The Central Liberty Link soybean varieties were tested in Allegan, Clinton, Saginaw and Sanilac Counties.
The South Liberty Link soybean varieties were tested in Hillsdale, Lenawee, Clinton and St. Joseph Counties.
Both trials were treated with conventional herbicides as noted in test site information.

GROWING CONDITIONS / COMMENTS

Most of Michigan was dry during the early growing season and White mold as well as most diseases were not a factor. Excessive rain in August caused plants to grow tall and caused more lodging in many areas. Overall yields were good to excellent.

USING THE DATA

Results are presented in Tables 1 through 8.

Yield: Yield is expressed as bushels per acre at 13% moisture and is reported as single and across site means for 2016. Two and three year means are also presented when applicable.

Height: Plant height, reported in inches, was measured at maturity from the soil surface to the tip of the main stem. The reported values are means of 4 reps at all sites.

Lodging: Lodging scores reflect the erectness of the plants before harvest. The reported values are means of 4 reps at all sites. Ratings are based on the following scale:
1= Almost all plants are erect.
2= All plants leaning slightly, or fewer than 25% of the plants are down.
3= All plants leaning moderately (45%), or 25% to 50% of the plants are down.
4= All plants leaning considerably, or 50% to 80% of the plants are down.
5= Almost all plants are down.

Phytophthora Resistance: Information on the presence of phytophthora resistance genes was provided by the organizations entering varieties. Varieties denoted with:

- 1a are resistant to phytophthora Races 1, 2, 10, 11, 13-20, 24, 26 & 27.
- 1b are resistant to Races 1, 3-9, 13, 15, 18, 21, & 22.
- 1c are resistant to Races 1-3, 6-11, 13-15, 17, 21, 23, 24 & 26.
- 1k are resistant to Races 1-11, 13-15, 17, 18, 20-24 & 26.
- 3 are resistant to Races 1-5, 8 and 9.
- 6 are resistant to Races 1-4, 10, 12, 14-16, 18-21 & 25.
- 7 are resistant to Races 12, 16, 18 & 19.

Soybean Cyst Nematode Resistance (SCN): Seed Companies that screen varieties for SCN resistance have indicated if the variety has known susceptibility or resistance

- R – Resistant
- MR – Moderately Resistant
- S – Susceptible
- MS – Moderately Susceptible

These notations followed by a number indicate the identified cyst nematode race.

SELECTING A VARIETY

LSD (least significant difference, found at the bottom of each data column) values are useful when comparing two varieties in the same table. If the difference between two varieties is less than the LSD value, this difference is probably due to chance or minor environmental differences. However, if the difference between two varieties is greater than the LSD, there is a 95% or greater probability that the difference in performance is due to the greater yield potential of one variety. Valid comparisons can only be made between averages in the same column. The C.V. (coefficient of variation, found at the bottom of each data column) is indicative of the trial precision. Lower C.V. values indicate more precise trials.

The primary consideration in selecting a variety is yield. When evaluating a variety, consider yield performance over locations and across several years, if available. Considerations other than yield are also important in selecting a variety. It is especially important to select a variety that will mature before the first frost in the fall.

The degree of lodging varies among varieties. Lodging ratings should be used to evaluate potential harvest losses. Growers who have experienced lodging in the past and have had harvest problems may want to select a more lodging-resistant variety. Alternatively, a variety susceptible to lodging may be planted at a slightly lower population to increase standability.

Growers should note seed size when selecting planting rates. Planting rates should be based on number of seeds per acre and not on pounds per acre.

It often benefits growers to select a few good varieties for planting each year. Yield determination and careful field evaluation during the growing season will add to the grower's knowledge of variety performance and allow for better selection.

SEED TREATMENT

Treated soybean seed submitted for Michigan State University's Soybean Performance Trials are noted by abbreviation in the 'TMT' column. Questions concerning treatments should be directed to the seed company. Contact information can be found in the 'Directory of Companies'

Comparing Soybean Varieties Has Never Been Easier!

Soybeanyielddata.msu.edu

- ✓ Sort by location
- ✓ Compare specific brands
- ✓ Select by resistance traits
- ✓ Limit the range of maturities
- ✓ View only the top varieties
- ✓ Use the statistical data for validity

TREATMENT CODE

Code	Treatment
ACL	Acceleron
Agr F/I	Agrishield Fungicide/Insecticide
ALL	Allegiance
AM	Apron Maxx (Maxim)
AM-C	Apron Maxx & Cruiser
Clar	Clariva
CM	Cruiser Maxx
Ecl-US-Q	EclipseUS quad IM
EG	EverGolEnergy
ENC	Encase
ESC	Escalate
G	Gaucho
I	ILeVO (BayerCropScience)
N	NForce
N-H	Inhibit
O	Optimize
P	Poncho
PA	PA2030
SmartCote S	SmartCote Supreme
SS	SureStand
Vib	Vibrance
V	Votivo

2017 Pest and Crop Management Update for Field Crop Producers and Agronomists

What: Five integrated pest and crop management (IPM) update meetings for field crop producers and agronomists will be conducted this winter. The programs are sponsored by Michigan State University Extension, Michigan Soybean Promotion Committee, Corn Marketing Program of Michigan and Michigan Wheat Program.

When/Where: All programs will begin at 8:30 a.m. and end at 3:30 p.m. except for the Dundee location which will start at 9:00 a.m. and end at 4:00 p.m. The dates and locations for the meetings are:

- **January 12**, Comfort Inn & Suites Hotel and Conference Center, Mt. Pleasant, contact Isabella County MSUE at 989.317.4079
- **January 13**, Saginaw Valley Research & Extension Center, Frankenmuth, contact Lapeer County MSUE at 810.667.0341
- **February 21**, Cabela's, Dundee, contact Van Buren County MSUE at 269.657.8213
- **February 22**, Dowagiac Conservation Club, Dowagiac, contact Van Buren County MSUE at 269.657.8213
- **February 23**, Sanilac Career Center, Peck, contact Sanilac County MSUE at 810.648.2515

Registration: The registration fee for this program is **$25.00** per person. Pre-registration is required to ensure an accurate count for meals and materials. Please register one week before the event you plan to attend.

To register online (preferred method): Please go to http://events.anr.msu.edu/IPMcropsmgmt2017/.

To register by phone: Please call the MSU Extension office that is hosting the meeting you plan to attend.

Online webinar option: If you are unable to attend these meetings, you can learn about and register for the 2017 Field Crops Webinar Series at http://events.anr.msu.edu/FieldCropsWebinarSeries2017/.

2016 DIRECTORY OF COMPANIES

BRAND	COMPANY NAME AND ADDRESS
ASGROW	Monsanto Company 800 N. Lindbergh Blvd., St.Louis, MO 63167 www.asgrowanddekalb.com
BECK'S	Beck's Hybrids 6767 E. 276th Street, Atlanta, IN 46031 www.beckshybrids.com
BLUE RIVER	Blue River Hybrids 2326 230th Street, Ames, IA 50014 www.blueriverorgseed.com
CHANNEL	Monsanto (Channel) 800 N. Lindbergh Blvd., St.Louis, MO 63167 www.channel.com
CREDENZ	Bayer CropScience 2 T.W. Alexander Drive Research Triangle Park, NC 27709 www.cropscience.bayer.com
D.F. SEEDS	D.F. Seeds, Inc. PO Box 159, Dansville, MI 48819 www.dfseeds.com
DAIRYLAND	Dairyland Seed Co., Inc. P.O. Box 958, West Bend, WI 53095 www.dairylandseed.com
DYNA-GRO	Crop Production Services 4648 S. Garfield Rd., Auburn, MI 48611 www.dynagroseed.com
eMERGE	Schillinger Genetics 4401 Westown Parkway, Suite 225 West Des Moines, IA 50266 www.GrowNonGmo.com
GREAT LAKES	Great Lakes Hybrids 9915 W. M-21 Hwy, Ovid, MI 48866 www.greatlakeshybrids.com
HDC	Hensall District Cooperative 1 Davidson Dr., Hensall, ON N0M1X0 www.hdc.on.ca
HOEGEMEYER	Hoegemeyer Hybrids 1755 Hoegemeyer Rd., Hooper, NE 68031 www.therightseed.com
KEY	AGRA SolutionsLLC 23778 Delphos Jennings Rd. Delphos, OH 45833 www.agrasolutions.com
LEGACY	Legacy Seeds, Inc. PO Box 68-290 Depot St., Scandinavia, WI 54977 www.legacyseeds.com
M&W	M&W Seeds Inc. 8443 Wilcox Rd., Eaton Rapids, MI 48827 www.mwseeds.com
MCIA	Michigan Crop Improvement Assn. 2905 Jolly Rd., Okemos, MI 48864 www.michcrop.com
MYCOGEN	Mycogen Seeds 9330 Zionsville Rd., Indianapolis, IN 46268 www.mycogen.com
NATURE'S GENETICS	Citizens LLC 421 N Cochran Ave., Charlotte, MI 48813 www.citizenselevator.com
NK BRAND	Syngenta Seeds Inc. 11055 Wayzata Blvd., Minnetonka, MN 55440 www.syngenta.com
NUTECH	NuTech Seed, LLC 2321 N Loop Dr., Suite 230, Ames, IA 50010 www.yieldleader.com
RENK	Renk Seed 6809 Wilburn Rd., Sun Prairie, WI 53590 www.renkseed.com
RUPP	Rupp Seeds, Inc. 17919 Co. Rd. B, Wauseon, OH 43567 www.ruppseeds.com
SEED CONSULTANTS	Seed Consultants Inc. 648 Miami Trace Rd. SW Washington Court House, OH 43160 www.seedconsultants.com
SPECIALTY	Specialty Hybrids 306 N Main St., Monticello, IN 47960 www.specialtyhybrids.com
STEYER	Steyer Seeds PO Box 209, Old Fort, OH 44861 www.steyerseeds.com
STRIKE	Burtch Seed Company, Inc. 4742 Tama Rd., Celina, OH 45822 www.burtchseed.com
WELLMAN	Wellman Seeds, Inc. 23778 Delphos Jennings Rd. Delphos, OH 45833 www.wellmanseeds.com
ZFSELECT	Zeeland Farm Services, Inc. 2525 84th Avenue, Zeeland, MI 49464 www.zfsinc.com

TABLE 1. 2016 MICHIGAN CENTRAL CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

							YIELD (BU/AC)			2016 AVERAGE							
BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	Aphid Res	2016 AVG	15-16 AVG	14-16 AVG	Allegan	Clinton	Saginaw	Sanilac	Height	Lodging	Protein	Oil
Blue River	22DC6	2.2			R		76.0			55.2	80.2	80.2	81.5	39	2.4	38.0	16.8
Blue River	20FC6	2.0			R		61.5			44.5	70.5	71.5	57.2	34	1.4	36.5	18.3
Blue River	18C7	1.8					69.4			55.7	78.2	74.0	67.5	37	1.8	37.1	18.7
Blue River	21C6	2.1			R		68.5			41.5	73.0	75.5	79.1	38	2.5	36.4	18.9
Dairyland	DSR-2400	2.4	CM+O	1k			67.3	68.3	65.2	61.6	68.8	68.1	70.9	39	3.3	39.7	17.6
DF Seeds	DF 155 F	2.5	ACL,P,V,I,N	1k	S		71.5	70.2	68.5	62.0	75.5	70.6	79.5	38	2.8	39.5	17.7
DF Seeds	DF 192 N	1.9	ACL,P,V,I,N		R		67.7	66.7		61.7	69.3	65.9	71.7	35	1.7	37.5	18.3
DF Seeds	DF 227 N	2.2	ACL,P,V,I,N	1a	R		76.1			61.1	78.3	79.2	84.2	40	2.3	38.2	17.0
DF Seeds	DF 242 N	2.4	ACL,P,V,I,N	1k	R		69.6	69.9	67.6	48.0	78.5	78.1	76.9	39	2.2	37.9	17.7
DF Seeds	DF 272 N	2.7	ACL,P,V,I,N	1k	R		74.9	73.1	69.2	57.4	74.6	78.4	83.8	42	2.9	37.1	17.5
DF Seeds	JACKSON F	2.5	ACL,P,V,I,N	1k	S		69.4	68.2	65.4	62.4	67.0	68.5	74.4	35	2.6	40.0	17.5
DF Seeds	LILY	2.5	ACL,P,V,I,N	1k	S		68.2	68.8	65.7	63.3	65.7	65.9	81.2	35	2.3	39.9	17.7
Dyna-Gro	S2207N	2.2	CM,Vib,Clar	1a	MR		70.5			57.5	82.3	79.4	70.5	41	2.5	37.9	17.0
eMerge	e1665	1.6	CM, V	1k	R3		64.7	65.7		53.8	69.8	66.7	70.1	34	2.1	38.7	17.6
eMerge	e1993	1.9	CM, V	1k	R3		66.1	66.5	66.8	45.9	73.0	71.5	72.2	35	1.2	37.3	17.8
eMerge	e2162	2.1	CM, V	1c	R3		62.7	64.4	61.4	49.9	67.6	68.6	65.0	35	1.9	38.7	17.5
Great Lakes	GL2254N	2.2	Agr F/I,Clar	1a	R		74.7			58.1	81.6	77.9	77.3	39	2.4	38.3	17.0
Great Lakes	GL2765N	2.7	Agr F/I,Clar		R		80.8			65.1	84.1	87.3	83.1	38	3.0	37.6	17.9
HDC	Blake	1.8	CM		S		61.4	62.8	63.3	58.8	58.6	59.2	70.0	38	1.8	37.5	18.0
HDC	Adare	1.7			S		58.7			49.3	59.2	54.7	69.3	33	1.4	38.6	17.6
HDC	1600T	1.6	CM		S		59.9			48.7	65.5	52.2	67.5	32	1.4	38.5	18.6
Hoegemeyer	HS1841 N	1.8	ALL,EG,G,PA		MR		67.9			48.8	74.9	72.9	69.8	38	1.7	37.0	18.5
Hoegemeyer	HS2236 N	2.2	ALL,EG,G,PA	1a	MR		71.0			58.8	81.2	72.9	71.8	40	2.2	38.6	16.8
MSU	E10151	2.2	ACL,P,V				62.9	66.6	66.5	49.7	64.4	63.9	73.9	41	1.8	36.4	18.0
MSU	E12076T	2.9	ACL,P,V		R		72.4	72.3	69.5	60.7	76.9	76.7	76.1	38	2.7	37.5	17.7
MSU	E13100	2.5	ACL,P,V				71.2	71.0		64.0	77.0	68.1	80.0	40	2.1	37.5	18.1
MSU	E13212	2.4	ACL,P,V	1c	R		68.2			54.6	75.6	75.6	70.2	34	2.4	38.7	17.9
MSU	E13268	1.7	ACL,P,V	1c			69.2	69.4		55.7	79.5	68.0	76.9	36	2.3	37.5	17.9
MSU	E13367	2.2	ACL,P,V			R	71.0	69.9		61.7	70.8	68.3	83.7	35	2.4	37.2	17.7
MSU	E13369	1.6	ACL,P,V	1c		R	67.8	64.8		56.9	72.2	65.3	80.4	38	2.2	37.2	17.9
MSU	E13902	2.5	ACL,P,V	1k	R	R	68.2			52.0	71.9	72.6	77.5	34	1.2	37.7	17.8
MSU	E14044T	2.3	ACL,P,V			R	62.2			53.4	63.0	61.3	68.3	35	2.3	40.1	16.9
MSU	E14077	2.4	ACL,P,V	1k	R		75.1			60.5	78.8	81.7	77.5	38	2.2	37.2	17.9
MSU	E14314	2.3	ACL,P,V			MR	70.1			60.4	74.4	73.5	75.6	37	2.7	37.0	18.7
MSU	E14915	2.4	ACL,P,V		R	R	66.7			54.1	69.1	73.4	68.7	38	2.4	38.3	17.4
Natures Genetics	Nat. Gen. 2.0	2.0	CM, Vib		S		63	64.2		58.3	59.2	61.5	73.1	37	1.6	39.3	17.6
Natures Genetics	Nat. Gen. 2.4	2.4	CM, Vib		S		60	63.5	64.5	58.0	61.8	62.5	66.2	38	2.6	40.6	16.4
Zeeland	ZFS 1414	1.4	Ecl-US-Q,N-H		S		54.5	57.1		43.0	62.8	59.6	55.9	36	2.3	39.7	17.3
Zeeland	ZFS 1420LS	2.2	Ecl-US-Q,N-H		S		65.3	65.1		48.5	74.2	74.8	70.2	39	2.1	37.7	17.4
Zeeland	ZFS 1326	2.6	Ecl-US-Q,N-H		R		69.3	69.3	70.0	58.2	76.3	75.2	70.1	39	3.1	38.5	17.4
Zeeland	ZFS 1527NA	2.7	Ecl-US-Q,N-H		R		70.5			55.3	72.8	80.8	73.6	38	3.5	38.8	17.3
Zeeland	ZFS 1528LS	2.8	Ecl-US-Q,N-H		S		70.4			58.6	74.2	70.5	75.8	38	2.2	38.7	16.9
Zeeland	ZFS 1530LS	3.0	Ecl-US-Q,N-H		S		63.7			42.5	72.8	70.9	64.3	36	1.6	38.8	16.2
GRAND MEAN							**67.9**			**55.2**	**72.2**	**70.8**	**73.3**	**37**	**2.2**	**38.1**	**17.6**
Max.							**80.8**			**65.1**	**84.1**	**87.3**	**84.2**	**42**	**3.5**	**40.6**	**18.9**
Min.							**54.5**			**41.5**	**58.6**	**52.2**	**55.9**	**32**	**1.2**	**36.4**	**16.2**
LSD (0.05)							**5.3**			**10.5**	**7.9**	**8.0**	**10.7**				
CV (%)							**9.4**			**11.6**	**6.6**	**6.8**	**8.8**				

***Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code**

All Michigan State University varieties are experimental

TABLE 2. 2016 MICHIGAN SOUTH CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

							YIELD (BU/AC)										
										2016 AVERAGE							
BRAND	VARIETY	Maturity Group	TMT*	PHYTO RES	SCN	Aphid Res	2016 AVG	15-16 AVG	14-16 AVG	Hillsdale	Clinton	Lenawee	St.Joseph	Height	Lodging	Protein	Oil
Blue River	22DC6	2.2			R		80.1			89.0	79.1	65.8	86.6	41	2.5	37.9	17.2
Blue River	18C7	1.8					72.4			69.3	76.0	66.9	77.5	38	2.3	37.3	18.5
Blue River	21C6	2.1			R		75.3			78.4	78.3	67.3	77.1	40	2.4	36.8	18.8
Blue River	27C5	2.7			R		76.3			79.6	75.4	64.6	85.9	41	3.2	38.6	17.2
Blue River	17C2	1.9					68.9			69.2	76.4	58.5	71.5	39	3.0	37.9	17.6
Dairyland	DSR-2400	2.4	CM+O	1k			75.7	75.1	71.6	71.7	70.4	68.4	92.3	42	3.4	39.8	17.5
DF Seeds	DF 155 F	2.5	ACL,P,V,I,N	1k	S		74.5	75.6	72.2	81.9	67.4	67.2	81.6	41	3.2	40.5	16.8
DF Seeds	DF 242 N	2.4	ACL,P,V,I,N	1k	R		76.8	75.3	73.1	77.1	73.3	72.8	84.0	40	2.6	38.2	17.7
DF Seeds	DF 272 N	2.7	ACL,P,V,I,N	1k	R		79.5	76.0	73.6	81.7	77.2	77.1	82.1	45	2.6	36.9	17.5
DF Seeds	DF 317 N	3.1	ACL,P,V,I,N	1k	R		84.6			84.2	78.9	79.7	95.6	43	3.0	37.7	17.9
DF Seeds	LILY	2.5	ACL,P,V,I,N	1k	S		75.9	75.3	72.4	80.7	72.2	67.8	82.8	38	3.6	40.3	17.1
Dyna-Gro	S2207N	2.2	CM,Vib,Clar	1a	MR		75.8			77.8	71.3	71.9	82.3	43	2.4	38.0	17.2
eMerge	e2866	2.8	CM, V		R3		77.4			84.2	75.5	67.0	83.2	41	3.9	39.0	17.4
eMerge	e3066	3.0	CM, V				72.5			73.8	65.5	71.3	79.5	40	2.2	41.5	16.3
eMerge	e3196	3.1	CM, V	1c	R3		81.2			86.3	76.8	72.2	89.4	43	2.3	38.4	17.2
Great Lakes	GL2254N	2.2	Agr F/I,Clar	1a	R		82.9			88.5	79.7	73.2	90.2	43	2.6	38.5	16.9
Great Lakes	GL2765N	2.7	Agr F/I,Clar		R		82.0			76.8	84.9	74.3	92.2	40	2.5	37.7	17.9
Hoegemeyer	HS1841 N	1.8	ALL,EG,G,PA		MR		71.6			68.3	78.0	64.8	75.4	40	2.3	37.3	18.5
Hoegemeyer	HS2236 N	2.2	ALL,EG,G,PA	1a	MR		77.9			83.4	77.3	71.4	79.8	42	2.4	37.8	17.1
Hoegemeyer	HS2942 N	2.9	ALL,EG,G,PA	1c	MR		79.9			83.4	74.1	75.7	86.4	43	1.9	39.7	16.4
MSU	E10151	2.2	ACLPV				70.4	70.2	67.9	69.9	65.9	64.6	81.2	43	2.3	36.3	18.2
MSU	E12076T	2.9	ACLPV		R		73.2	72.8		75.2	77.8	65.3	74.4	39	3.1	37.3	17.7
MSU	E13100	2.5	ACLPV				71.3	72.5		70.4	75.7	65.0	74.1	44	2.9	37.7	17.9
MSU	E13212	2.4	ACLPV	1c	R		74.4	71.8		79.0	71.7	68.1	78.7	39	3.2	38.9	17.8
MSU	E13268	1.7	ACLPV	1c			74.7	73.4		77.1	72.5	66.9	82.5	38	2.8	37.6	17.9
MSU	E13345	2.5	ACLPV	1c			73.3	72.7		74.5	69.8	68.1	80.9	42	2.9	37.2	18.5
MSU	E13367	2.2	ACLPV			R	75.1	72.1		76.3	70.3	69.3	84.5	38	2.7	37.2	17.7
MSU	E13369	1.6	ACLPV	1c		R	69.7	69.6		66.2	72.6	66.0	74.0	40	3.1	37.7	17.8
MSU	E13370	2.2	ACLPV	1c			77.0	75.6		75.0	76.7	73.2	83.2	38	3.1	38.2	17.5
MSU	E13902	2.5	ACLPV	1k	R	R	70.7			65.1	73.3	67.4	77.1	37	1.4	38.0	17.9
MSU	E14044T	2.3	ACLPV			R	65.5			57.8	60.6	65.1	78.5	38	2.8	40.1	17.0
MSU	E14077	2.4	ACLPV	1k	R		77.7			75.4	78.5	72.8	84.2	41	2.3	37.3	17.9
Natures Genetics	Nat. Gen. 2.0	2.0	CM, Vib		S		69.8	67.6	23.3	65.0	70.8	66.1	77.2	42	2.4	39.7	17.3
Natures Genetics	Nat. Gen. 2.4	2.4	CM, Vib		S		66.1	66.6	66.6	64.9	62.1	61.7	75.8	42	3.2	40.5	16.4
Wellman	W 264	2.9	ENC	1k			70.7	73.1	69.5	66.7	70.4	67.2	78.5	41	3.5	39.6	17.5
Wellman	W 274	2.7	ENC				71.1			68.6	67.3	69.3	79.1	41	2.8	41.2	16.4
Wellman	W 295	2.9	ENC	1c	R		81.0	75.5		83.3	81.8	74.0	84.8	43	2.2	39.6	16.4
Wellman	W 315	3.1	ENC	1k,3			80.0			84.8	73.9	75.4	85.8	42	3.0	38.7	17.5
Zeeland	ZFS 1420LS	2.2	Ecl-US-Q,N-H		S		74.6	69.8		73.3	79.5	67.3	78.2	42	2.5	38.0	17.2
Zeeland	ZFS 1326	2.6	Ecl-US-Q,N-H		R		78.3	73.8	73.0	81.1	78.0	68.9	85.1	42	3.1	38.6	17.6
Zeeland	ZFS 1527NA	2.7	Ecl-US-Q,N-H		R		74.3			77.8	77.0	61.3	81.0	41	3.6	39.3	16.9
Zeeland	ZFS 1528LS	2.8	Ecl-US-Q,N-H		S		77.7			80.4	71.8	74.0	84.5	41	2.3	39.3	16.5
Zeeland	ZFS 1530LS	3.0	Ecl-US-Q,N-H		S		67.3			63.2	71.2	60.9	73.9	39	1.6	38.8	16.7
GRAND MEAN							**75.0**			**75.7**	**73.9**	**68.7**	**81.7**	**41**	**2.7**	**38.5**	**17.4**
Max.							**84.6**			**89.0**	**84.9**	**79.7**	**95.6**	**45**	**3.9**	**41.5**	**18.8**
Min.							**65.5**			**57.8**	**60.6**	**58.5**	**71.5**	**37**	**1.4**	**36.3**	**16.3**
LSD (0.05)							**4.3**			**10.1**	**9.3**	**7.1**	**7.9**				
CV (%)							**7.0**			**8.0**	**7.6**	**6.2**	**5.8**				

***Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code**

****Michigan State University experimental variety**

TABLE 3. 2016 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.0 - 2.2),SOYBEAN VARIETY TRIAL REPORT

						YIELD (BU/AC)										
									2016 AVERAGE							
BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	2016 AVG	15-16 AVG	14-16 AVG	Allegan	Clinton	Saginaw	Sanilac	Height	Lodging	Protein	Oil
Asgrow	AG1435GENRR2Y	1.4	ACL	1c	R	64.6			60.6	67.6	66.2	64.5	34	1.3	37.5	18.6
Asgrow	AG1636GENRR2Y	1.6	ACL	1c	R	72.1			67.0	73.0	71.6	77.4	33	1.4	37.6	18.3
Asgrow	AG2035GENRR2Y	2.0	ACL	1c	R3	71.5	72.5	72.8	60.9	72.7	76.8	75.6	38	1.5	38.9	18.1
Beck's	185R2	1.8	ESC	1c	R3,M14	70.9			73.3	69.6	71.4	69.3	34	1.1	36.8	18.1
Beck's	215R2	2.1	ESC	1c	R3,M14	71.1			65.4	74.0	73.1	71.9	38	1.3	36.3	18.7
Burtch	Strike 2116GTS	2.1	AM		MR	72.0			70.0	71.7	66.9	79.6	37	1.5	37.2	18.5
Channel	2108R2	2.1	ACL FI	1c	R3	73.1	74.1	74.0	66.9	76.0	73.7	76.0	41	2.1	37.5	18.5
D.F.Seeds	DF 5101 R2Y	1.0	ACL,P,V,I,N	1k	R	61.1			62.1	63.8	56.5	62.0	36	1.7	37.9	18.4
D.F.Seeds	DF 5141 R2Y	1.4	ACL,P,V,I,N	1k	S	64.7	67.75		58.7	69.4	57.8	72.9	35	1.5	37.2	17.9
D.F.Seeds	DF 5173 N R2Y	1.7	ACL,P,V,I,N	1k	R	74.2	73.15	74.7	66.3	77.7	74.4	78.4	37	1.7	37.6	18.5
D.F.Seeds	DF 5193 N R2Y	1.9	ACL,P,V,I,N	1c	R	69.8	71.2	71.4	68.0	74.0	72.6	64.7	39	1.9	38.0	18.3
D.F.Seeds	DF 5227 N R2Y	2.2	ACL,P,V,I,N	1c	R	76.1			65.1	78.8	78.4	82.2	39	1.4	35.7	18.1
D.F.Seeds	DF 7217 NX R2Y	2.1	ACL,P,V,I,N	1c	R	76.0			67.9	77.9	77.5	80.7	38	1.7	37.9	18.2
Dairyland Seed	DSR-1313/R2Y	1.3	CM+O	1c	R	66.8			68.5	72.1	65.3	61.2	35	1.5	37.3	18.5
Dairyland Seed	DSR-1526/R2Y	1.5	CM+O	1c	R	67.3			62.3	70.9	64.9	71.2	35	1.2	38.0	18.5
Dairyland Seed	DSR-1721/R2Y	1.7	CM+O	1k	R	68.6	70.25		63.9	73.6	69.8	67.1	37	1.4	38.0	18.5
Dairyland Seed	DSR-1870/R2Y	1.8	CM+O	1c	R	72.3			64.1	80.3	72.9	71.9	38	1.7	37.6	18.4
Dairyland Seed	DSR-2017/R2Y	2.0	CM+O	1c	R	74.7			69.7	76.3	76.6	76.1	37	1.7	37.9	17.8
Dairyland Seed	DSR-2110/R2Y	2.1	CM+O	1c	R	74.3	74.9		65.0	81.6	77.2	73.3	35	1.2	37.7	17.5
Dyna-Gro	S17RY06	1.7	CM,Vib,Clar	S	R	64.1	68.25		58.6	74.7	64.6	58.3	35	1.9	38.3	18.1
Dyna-Gro	S17RY67	1.7	CM,Vib,Clar	1c	R	68.9			65.0	71.8	75.0	63.9	36	1.4	37.5	18.6
Dyna-Gro	S18RY25	1.8	CM,Vib,Clar	1k	R	72.6	72.2	72.7	65.3	72.8	74.0	78.4	38	1.6	37.5	18.6
Dyna-Gro	S19RY65	1.9	CM,Vib,Clar	1c	R	73.4	73.25		69.9	75.1	74.2	74.4	36	1.3	37.1	18.1
Dyna-Gro	S20RY45	2.0	CM,Vib,Clar	1c	R	71.7	72.6	71.8	67.2	74.1	75.1	70.3	38	1.8	37.9	18.3
Dyna-Gro	S21XT77	2.1	CM,Vib,Clar	1c	R	74.3			66.6	75.2	78.0	77.4	38	1.7	37.9	18.2
Great Lakes	GL1760NRX	1.7	Agr F/I,Clar	1c	R	67.0			59.4	68.1	70.4	70.2	36	1.3	37.3	18.2
Great Lakes	GL1865NR2	1.8	Agr F/I,Clar	1c	R	73.0			65.7	76.6	77.3	72.4	38	1.6	37.5	18.0
Great Lakes	GL1953NR2	1.9	Agr F/I,Clar	1c	R	75.0	75.1		72.6	72.1	75.9	79.4	36	1.1	37.0	18.3
Great Lakes	GL2063NRX	2.0	Agr F/I,Clar	1c	R	73.6			62.5	79.2	77.6	75.4	38	1.9	37.8	18.2
Great Lakes	GL2269NR2	2.2	Agr F/I,Clar	1c	R	71.5			64.1	74.2	75.6	72.2	39	1.4	36.5	18.6
Legacy Seeds	LS-1737N RR2	1.7	L-Coat Total	1c	R3,MR14	71.1			67.4	72.4	77.2	67.4	36	1.4	36.8	18.7
Legacy Seeds	LS-1934N RR2	1.9	L-Coat Total	1c	R3,MR14	72.5	73		64.5	74.2	72.4	78.8	36	1.1	36.9	18.2
Legacy Seeds	LS-2137N RR2	2.1	L-Coat Total	1c	R3,MR14	69.9			67.4	73.6	73.2	65.4	38	1.3	36.3	18.7
M&W Seeds	18L18 NRR2Y	1.8	CM,N-H	1k	R3,MR14	71.5			68.2	73.9	71.6	72.3	38	1.7	37.4	18.5
M&W Seeds	22L88 NRR2Y	2.2	CM,N-H	1c	R3,MR14	72.3			69.8	71.9	78.0	69.5	39	1.6	35.8	18.3
Mycogen Seeds	5N182R2	1.8	CM+Clar	1k	R	70.4	67.6		66.8	73.0	76.7	65.1	36	1.5	36.7	18.6
Mycogen Seeds	5N206R2	2.0	CM+Clar	1c	R3,MR14	71.9	73.9	74.1	71.7	70.0	73.8	72.3	37	1.6	37.9	18.3
NKBrand	S19-B2	1.9	Clar Complete		R	67.7	68.85		58.0	70.4	76.7	65.9	36	1.6	37.3	18.8
NKBrand	S20-T6	2.0	Clar Complete	1c	R	70.4	72.3	71.9	63.4	65.7	70.3	82.0	35	1.3	37.6	18.4

TABLE 3. 2016 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.0 - 2.2),SOYBEAN VARIETY TRIAL REPORT

						YIELD (BU/AC)										
									2016 AVERAGE							
BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	2016 AVG	15-16 AVG	14-16 AVG	Allegan	Clinton	Saginaw	Sanilac	Height	Lodging	Protein	Oil
NKBrand	S21-M7	2.1	Clar Complete	1k	R	71.6	70.2		65.6	76.3	75.6	68.9	36	1.6	37.0	18.3
NuTech	7172R2	1.7	SmartCote S	S	R	64.0	68.4	21.3	62.6	68.1	70.5	54.9	37	1.7	38.2	18.2
NuTech	7217R2	2.1	SmartCote S	S	R	72.2	71.35	24.1	65.5	75.4	76.7	71.2	38	1.6	36.6	18.4
NuTech	7224	2.2	SmartCote S	1k	R	73.1			70.0	71.8	81.6	69.1	38	1.5	35.5	19.3
Renk	RS175NR2	1.7	AM-C	1k	R	69.1	71.2	71.2	67.7	75.2	70.5	63.0	38	1.6	37.9	18.4
Renk	RS177NX	1.7	AM-C	3a	R	73.8			71.4	69.4	72.5	81.8	35	1.7	37.7	18.0
Renk	RS195NR2	1.9	AM-C	1c	R	70.9	71.1	71.1	66.5	73.2	74.9	68.8	36	1.3	37.1	18.1
Renk	RS207NX	2.0	AM-C	1c	R	74.3			68.0	78.4	76.1	74.9	39	1.9	37.9	18.3
Renk	RS213NR2	2.1	AM-C	1c	R	71.8	73.4	73.2	64.5	76.6	77.3	69.0	38	1.2	38.0	18.3
Rupp	RS7177	1.7	CM	1k	R	72.6			72.6	72.2	77.6	68.3	38	1.6	37.5	18.5
Rupp	RS7205	2.0	CM	1c	R	72.3	71.35	75.17	64.9	76.5	80.4	67.6	37	2.0	37.8	18.4
Rupp	RS21XT10	2.1	CM	1c	R	73.9			71.0	72.7	77.6	74.5	38	1.8	38.3	18.1
Seed Consultants	SCS 9213RR™	2.1	ALL,EG,G	1c	MR	69.9			61.9	73.9	75.4	68.4	41	1.8	37.1	18.6
Specialty	2164CR2	2.1	ACL	1c	R3	75.3	74.3	75.17	68.6	76.5	82.5	73.7	40	2.1	37.9	18.4
Steyer Seeds	1801R2	1.8	SS	1c	MR	72.2			69.4	78.2	78.3	62.8	37	1.5	37.1	18.5
Steyer Seeds	2102R2	2.1	SS	1c	MR	71.8	72.35		66.0	76.0	76.6	68.8	40	2.1	36.7	18.3
Steyer Seeds	2103XR	2.1	SS	1c	MR	73.8			69.6	75.8	77.1	72.6	38	1.7	37.9	18.2
GRAND MEAN						**71.2**			**66.2**	**73.7**	**73.8**	**71.2**	**37**	**1.6**	**37.4**	**18.3**
Max.						**76.1**			**73.3**	**81.6**	**82.5**	**82.2**	**41**	**2.1**	**38.9**	**19.3**
Min.						**61.1**			**58.0**	**63.8**	**56.5**	**54.9**	**33**	**1.1**	**35.5**	**17.5**
LSD (0.05)						**5.4**			**10.9**	**8.7**	**8.0**	**11.7**				
CV (%)						**8.8**			**10.0**	**7.1**	**6.5**	**8.6**				

***Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code**

TABLE 4. 2016 MICHIGAN CENTRAL ROUND-UP READY / Late Maturity, (2.3 - 3.0),SOYBEAN VARIETY TRIAL REPORT

						YIELD (BU/AC)										
									2016 AVERAGE							
BRAND	VARIETY	Mat Group	TMT*	PHYTO RES	SCN	2016 AVG	15-16 AVG	14-16 AVG	Allegan	Clinton	Saginaw	Sanilac	Height	Lodging	Protein	Oil
Asgrow	AG2336GENRR2Y	2.3	ACL	1c	R	71.7			59.7	80.3	76.4	70.5	39	1.7	38.2	17.4
Asgrow	AG2535GENRR2Y	2.5	ACL	1k	MR	72.0	72.3	70.7	60.0	82.2	71.1	74.9	38	1.7	36.8	18.2
Asgrow	AG2636GENRR2Y	2.6	ACL	1k	R	76.1	74.7		68.4	84.2	75.3	76.4	41	1.6	36.9	17.9
Asgrow	AG3034GENRR2Y	3.0	ACL	1c	R	73.2			61.5	82.3	79.7	69.3	40	1.8	39.0	16.8
Beck's	233R4	2.3	ESC	1k	R1,3,5	71.3			58.1	83.1	72.5	71.5	40	1.8	35.6	19.3
Beck's	255R2	2.5	ESC	3a	R3,M14	78.8			77.6	81.6	71.1	84.9	36	1.7	38.1	17.6
Beck's	273R4	2.7	ESC	1c	R3,M14	77.9			68.4	85.7	80.1	77.6	40	1.5	36.9	18.1
Burtch	Strike 245R2	2.4	CM+Vib	1c	MR	72.7			53.6	80.6	81.0	75.7	39	1.8	38.5	17.3
Channel	2306 R2	2.3	ACL FI	1k	R3	75.0			65.8	82.2	76.1	75.9	40	1.9	37.2	18.0
Channel	2908 R2	2.9	ACL FI	1k	R3	77.8			69.9	82.0	81.8	77.6	43	3.1	38.8	17.2
Credenz	CZ 3060 RY	3.0	P,V,EG,ILeVO	1c	R	73.3			56.0	77.4	82.7	77.2	38	1.9	39.2	17.1
Credenz	CZ 2474 RY	2.4	P,V,EG,ILeVO	1c	R	71.9	68.4		60.2	81.1	73.6	72.8	38	1.9	38.5	17.3
DF Seeds	DF 5242 R2Y	2.4	ACL,P,V,I,N	1c	S	71.7	71.1	71.2	66.4	76.9	66.2	77.2	36	1.3	37.6	17.8
DF Seeds	DF 5263 R2Y/STS	2.6	ACL,P,V,I,N	1c	S	71.6	69.5	68.1	65.8	80.5	70.1	70.0	37	1.2	38.4	17.0
DF Seeds	DF 5287 N R2Y	2.8	ACL,P,V,I,N		R	73.3			60.6	82.2	76.6	73.7	41	2.9	38.0	18.3
DF Seeds	DF 7237 X R2Y	2.3	ACL,P,V,I,N	1c	S	72.2			62.9	81.2	71.9	72.7	36	1.1	37.2	18.0
DF Seeds	DF7266 N X R2Y	2.6	ACL,P,V,I,N	1k	R	71.5			64.6	80.9	67.9	72.7	36	1.1	38.5	17.2
Dairyland	DSR-2330/R2Y	2.3	CM+O	1k	R	74.4	73.1		60.8	84.8	77.4	74.5	39	1.6	37.3	18.7
Dairyland	DSR-2616/R2Y	2.6	CM+O	3a	MR	78.2	72.0	69.7	71.2	79.4	75.5	86.6	37	1.7	38.1	17.6
Dairyland	DSR-2707/R2Y	2.7	CM+O		MR	73.6			66.4	83.0	75.4	69.5	42	3.0	36.5	18.6
Dairyland	DSR-2909/R2Y	2.9	CM+O	1a	R	75.8	73.1	72.0	64.0	84.5	80.5	74.3	39	2.6	37.9	17.5
Dyna-Gro	S23RY85	2.3	CM,Vib,Clar	1c	R	73.2	70.9	69.2	67.5	81.1	73.3	71.2	39	1.6	36.9	18.5
Dyna-Gro	S24RY87	2.4	CM,Vib,Clar	1k	R	74.1			63.7	86.4	70.6	76.0	38	1.7	37.5	18.6
Dyna-Gro	S26RS75	2.6	CM,Vib,Clar	1c	R	73.0	72.8	70.3	62.9	81.8	75.5	72.0	39	2.2	37.3	18.4
Dyna-Gro	S26RY37	2.6	CM,Vib,Clar	S	R	74.6			65.2	81.6	76.6	74.9	36	2.2	37.5	18.2
Great Lakes	GL2465NRX	2.4	Agr F/I,Clar	1k	R	71.4			57.8	83.8	72.8	71.1	36	1.3	37.5	18.1
Great Lakes	GL2469R2	2.4	Agr F/I,Clar	1c	R	73.9	70.7	69.4	63.9	84.5	72.7	74.4	39	1.7	36.7	18.6
Great Lakes	GL2551NR2	2.5	Agr F/I,Clar	1k	R	75.4	73.4		68.7	81.2	76.6	75.3	39	1.7	37.2	18.6
Great Lakes	GL2789R2	2.7	Agr F/I,Clar	1c	R	72.6	72.0	69.9	55.9	79.0	82.0	73.5	43	2.8	38.2	17.2
Great Lakes	GL2964NRX	2.9	Agr F/I,Clar	1c	R	74.3			57.5	84.5	81.2	74.1	39	1.6	38.5	17.2
Legacy	LS-2437NRR2	2.4	L-Coat Total	1k	R3,MR14	69.2			55.4	83.4	70.2	67.7	38	1.8	37.2	18.6
Legacy	LS-2834NRR2	2.8	L-Coat Total	1a	R3,MR14	75.9			64.3	83.4	82.1	73.8	38	2.3	37.7	18.0
M&W	25K10 NRR2Y	2.5	CM,N-H	1k	R3,MR14	74.4	72.6		63.2	84.9	77.9	71.5	39	1.8	37.3	18.6
M&W	26M81	2.6	CM,N-H	1c		67.2	68.3		54.7	77.0	68.9	68.4	41	2.2	38.2	18.0
M&W	27K85 NRR2Y	2.7	CM,N-H		R3,MR14	77.6	71.7		67.5	85.5	73.8	83.6	38	2.1	39.2	17.0
M&W	28Z10NRR2Y	2.8	CM,N-H	1a	R3,MR14	75.5			66.0	82.9	74.7	78.3	39	2.1	37.5	18.0
M&W	25L33RR2X	2.5	CM,N-H	1c	R3,MR14	73.4			71.3	81.0	70.7	70.6	36	1.5	37.0	18.5
M&W	28L11RR2X	2.8	CM,N-H	3a,1k	R3,MR14	71.8			62.6	83.8	72.4	68.5	37	1.6	38.5	17.3
Mycogen	5B241R2	2.4	CM, Vib, Clar	1c	S	68.5	70.1		61.0	77.9	58.3	76.9	36	1.6	37.6	17.8
Mycogen	5N245R2	2.4	CM, Vib, Clar	1k	R	71.3			64.2	82.1	70.3	68.6	39	1.8	37.5	18.6
NK Brand	S25-L9	2.4	Clar Complete	1c	R	76.0	72.9		64.1	83.7	79.9	76.3	41	2.2	37.4	18.3
NK Brand	S26-P3	2.7	Clar Complete		R	71.9	71.1	69.8	61.7	81.3	74.8	69.9	39	1.9	37.7	18.2

TABLE 4. 2016 MICHIGAN CENTRAL ROUND-UP READY / Late Maturity, (2.3 - 3.0),SOYBEAN VARIETY TRIAL REPORT

						YIELD (BU/AC)										
									2016 AVERAGE							
BRAND	VARIETY	Mat Group	TMT*	PHYTO RES	SCN	2016 AVG	15-16 AVG	14-16 AVG	Allegan	Clinton	Saginaw	Sanilac	Height	Lodging	Protein	Oil
NuTech	7279	2.7	SmartCote S	1c	R	71.3			63.4	80.9	76.0	65.1	39	1.6	36.7	18.3
Renk	RS246NR2	2.4	AM-C	1k	R	72.8			67.0	78.8	71.3	74.0	39	1.8	37.0	18.6
Rupp	RS7239	2.3	CM	1c	R	74.7	73.9		70.0	83.0	78.5	67.5	40	1.6	35.4	18.3
Rupp	RS7241	2.4	CM	1k	R	74.2			63.8	81.9	78.6	72.7	39	1.5	37.3	18.6
Seed Consultants	SCS 9256R™	2.5	ALL,EG,G	1k	MR	75.3	74.1		66.1	77.4	82.8	75.1	42	1.3	38.2	18.3
Seed Consultants	SC 9277R™	2.7	ALL,EG,G	1c	MR	73.5			60.9	80.7	82.7	69.8	40	1.7	36.8	18.3
Seed Consultants	SCS 9295RR™	2.9	ALL,EG,G	1k	MR	75.1	75.2		75.7	75.8	75.3	73.6	39	1.5	38.6	18.2
Specialty	2564CR2	2.5	ACL	1c	MR/MS1,R3	67.6	69.0	69.1	48.4	73.1	77.4	71.5	42	3.1	38.1	17.4
Specialty	2685CR2	2.6	ACL	1c	R3	70.9	70.7		58.6	80.0	76.8	68.2	45	2.4	37.3	18.2
Specialty	3005CR2	3.0	ACL	1c,3a	R3	72.8	72.2		65.5	82.0	71.7	72.2	43	1.8	37.2	17.7
GRAND MEAN						**73.4**			**63.5**	**81.5**	**75.2**	**73.5**	**39**	**1.9**	**37.6**	**18.0**
Max.						**78.8**			**77.6**	**86.4**	**82.8**	**86.6**	**45**	**3.1**	**39.2**	**19.3**
Min.						**67.2**			**48.4**	**73.1**	**58.3**	**65.1**	**36**	**1.1**	**35.4**	**16.8**
LSD (0.05)						**5.1**			**12.2**	**7.7**	**10.7**	**10.1**				
CV (%)						**8.4**			**11.5**	**5.7**	**8.5**	**8.3**				

***Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code**

TABLE 5. 2016 MICHIGAN SOUTHERN ZONE ROUND-UP READY / Early Maturity, (1.8 - 2.7),SOYBEAN VARIETY TRIAL REPORT

						YIELD (BU/AC)								
									2016 AVERAGE					
BRAND	VARIETY	Mat Group	TMT*	Phyto Resist.	SCN	2016 AVG	15-16 AVG	14-16 AVG	Hillsdale	Clinton	Lenawee	St.Joseph	Height	Lodging
Asgrow	AG2336GENRR2Y	2.3	ACL	1c	R	76.3			73.7	75.6	70.6	85.3	40	2.0
Asgrow	AG2535GENRR2Y	2.5	ACL	1k	MR	84.6	79.7	76.9	82.7	84.9	77.2	93.6	40	2.1
Asgrow	AG2636GENRR2Y	2.6	ACL	1k	R	81.6	78.9		87.0	81.7	73.6	84.7	42	1.5
Beck's	255R2	2.5	ESC	3a	R3,M14	78.3			88.3	76.5	62.1	86.8	37	1.2
Burtch	Strike 2116GTS	2.1	AM		MR	73.0			79.4	70.7	61.4	80.5	40	1.5
Burtch	Strike 245R2	2.4	CM+Vib	1c	MR	77.1			76.9	80.2	68.8	82.6	40	2.2
Channel	2306 R2	2.3	ACL FI	1k	R3	79.7			81.9	81.7	70.2	85.1	41	1.8
Channel	2609 R2	2.6	ACL FI	1c	R3	76.9			74.0	80.4	72.9	80.6	47	2.3
Credenz	CZ 2474 RY	2.4	P,V,EG,lLeVO	1c	R	79.1	77.7		83.8	80.7	70.0	82.0	41	2.3
Credenz	CZ 2788 RY	2.7	P,V,EG,lLeVO		MR	83.4	82.0		82.9	83.5	76.9	90.1	40	1.8
DF Seeds	DF 5227 N R2Y	2.2	ACL,P,V,I,N	1c	R	81.2			81.4	83.8	74.1	85.5	42	2.0
DF Seeds	DF 5242 R2Y	2.4	ACL,P,V,I,N	1c	S	79.0	78.8	76.7	81.1	74.0	73.3	87.6	37	1.5
DF Seeds	DF 5263 R2Y/STS	2.6	ACL,P,V,I,N	1c	S	83.9	79.6	77.3	88.5	84.1	76.7	86.5	40	1.5
DF Seeds	DF 7266 N XR2Y	2.6	ACL,P,V,I,N	1k	R	83.6			86.4	86.5	73.1	88.2	39	1.3
Dairyland	DSR-1870/R2Y	1.8	CM+O	1c	R	73.3			73.8	77.2	63.2	79.1	39	2.1
Dairyland	DSR-2017/R2Y	2.0	CM+O	1c	R	76.2			75.2	79.8	74.5	75.7	39	2.0
Dairyland	DSR-2110/R2Y	2.1	CM+O	1c	R	81.1	77.9		76.9	79.6	76.3	85.9	39	1.9
Dairyland	DSR-2330/R2Y	2.3	CM+O	1k	R	80.9	78.0		81.7	81.0	73.3	87.5	40	1.8
Dairyland	DSR-2616/R2Y	2.6	CM+O	3a	MR	76.4	74.1	72.5	83.3	75.1	64.8	82.5	38	1.6
Dairyland	DSR-2707/R2Y	2.7	CM+O		MR	79.4			82.9	78.1	72.3	84.3	44	2.9
Dyna-Gro	S23RY85	2.3	CM,Vib,Clar	1c	R	76.2	74.7	73.9	73.7	84.7	68.4	77.8	41	2.2
Dyna-Gro	S24RY87	2.4	CM,Vib,Clar	1k	R	79.8			78.1	81.3	68.9	90.9	41	1.8
Dyna-Gro	S26RS75	2.6	CM,Vib,Clar	1c	R	75.8	74.1	71.9	77.7	80.6	66.8	78.2	40	2.4
Dyna-Gro	S26RY37	2.6	CM,Vib,Clar	S	R	79.4			76.7	78.0	78.0	85.2	40	2.5
Dyna-Gro	S27XT86	2.7	CM,Vib,Clar	1c	R	77.9			76.2	85.8	70.2	79.3	39	2.9
Great Lakes	GL1953NR2	1.9	Agr F/I,Clar	1c	R	78.3	77.1		75.2	82.7	71.5	83.9	38	1.3
Great Lakes	GL2063NRX	2.0	Agr F/I,Clar	1c	R	79.6			82.6	79.2	69.9	86.8	41	2.4
Great Lakes	GL2269NR2	2.2	Agr F/I,Clar	1c	R	77.0			74.8	82.9	67.5	82.9	41	2.1
Great Lakes	GL2465NRX	2.4	Agr F/I,Clar	1k	R	79.1			82.0	79.8	71.7	83.1	39	1.8
Great Lakes	GL2469R2	2.4	Agr F/I,Clar	1c	R	78.2	77.7	76.1	78.7	77.6	74.4	82.0	41	1.9
Great Lakes	GL2551NR2	2.5	Agr F/I,Clar	1k	R	79.5	78.7		78.1	80.9	70.1	88.8	41	2.0
Great Lakes	GL2789R2	2.7	Agr F/I,Clar	1c	R	75.0	76.1	74.4	76.3	78.6	64.5	80.7	44	3.5
Legacy	LS-2137NRR2	2.1	L-Coat Total	1c	R3,MR14	77.7			76.0	80.3	70.3	84.4	41	2.1
Legacy	LS-2437NRR2	2.4	L-Coat Total	1k	R3,MR14	79.4			73.9	82.7	72.9	88.1	41	2.0
M&W	25K10 NRR2Y	2.5	CM,N-H	1k	R3,MR14	79.9	78.0		81.9	78.6	69.7	89.6	40	1.7
M&W	26M81	2.6	CM,N-H	1c		74.4	74.1		77.1	74.1	66.6	79.3	42	2.6
M&W	27K85 NRR2Y	2.7	CM,N-H		R3,MR14	83.0			78.7	85.7	75.3	91.9	42	2.0
M&W	25L33 RR2X	2.5	CM,N-H	1c	R3,MR14	77.6			77.4	76.8	71.9	84.5	37	1.3
NK Brand	S25-L9	2.4	Clar Complete	1c	R	79.7			79.1	81.9	68.2	89.8	42	2.2
NK Brand	S26-P3	2.7	Clar Complete		R	80.9			79.4	84.3	72.8	87.3	41	2.2
NuTech	7217R2	2.1	SmartCote S	S	R	74.4			80.5	77.9	63.6	75.5	40	2.0

TABLE 5. 2016 MICHIGAN SOUTHERN ZONE ROUND-UP READY / Early Maturity, (1.8 - 2.7),SOYBEAN VARIETY TRIAL REPORT

						YIELD (BU/AC)								
									2016 AVERAGE					
BRAND	VARIETY	Mat Group	TMT*	Phyto Resist.	SCN	2016 AVG	15-16 AVG	14-16 AVG	Hillsdale	Clinton	Lenawee	St.Joseph	Height	Lodging
NuTech	7224	2.2	SmartCote S	1k	R	77.8			71.8	82.9	69.3	87.1	40	1.9
NuTech	7279	2.7	SmartCote S	1c	R	83.8			85.0	84.0	75.9	90.5	43	1.5
Renk	RS265NR2	2.6	AM-C	3a	MR	76.1	73.6	72.8	84.4	77.6	55.8	87.0	38	1.5
Rupp	RS27XT61	2.7	CM	1c	R	77.5			73.5	86.8	67.5	82.0	39	2.7
Seed Consultants	SCS 9256R™	2.5	ALL,EG,G	1k	MR	79.2	77.4		80.3	80.2	69.8	86.0	43	1.2
Seed Consultants	SC 9277R™	2.7	ALL,EG,G	1c	MR	86.2			82.6	87.5	78.8	95.7	42	1.8
Seed Consultants	SCS 9213RR™	2.1	ALL,EG,G	1c	MR	76.1			74.5	81.0	67.4	81.4	42	1.9
Specialty	2164CR2	2.1	ACL	1c	R3	78.4	77.7	76.8	86.0	82.0	66.8	79.1	42	2.3
Specialty	2564CR2	2.5	ACL	1c	MR/MS1,R3	68.5	71.1	70.9	71.5	75.1	55.8	71.5	44	3.8
Specialty	2685CR2	2.6	ACL	1c	R3	77.8	74.9		80.5	80.7	70.0	80.1	49	2.5
Steyer	2103XR	2.1	SS	1c	MR	76.1			77.7	80.6	66.8	79.4	40	2.5
Steyer	2704XR	2.7	SS	1c	MR	79			79.8	87.4	69.2	79.9	38	2.1
Wellman	W 4723	2.3	ENC	1k	R	80.1			77.8	80.6	69.7	92.4	40	2.0
Wellman	W 4525	2.5	ENC	3a		77.6	75.6	74.4	84.6	75.7	63.4	86.6	38	1.3
Wellman	W 5627	2.7	ENC	1c	R	78.1			75.5	86.9	67.2	82.6	38	2.5
GRAND MEAN						**78.6**			**79.3**	**80.7**	**69.9**	**84.4**	**41**	**2.0**
Max.						**86.2**			**88.5**	**87.5**	**78.8**	**95.7**	**49**	**3.8**
Min.						**68.5**			**71.5**	**70.7**	**55.8**	**71.5**	**37**	**1.2**
LSD (0.05)						**4.3**			**8.4**	**8.3**	**9.3**	**7.6**		
CV (%)						**6.4**			**6.4**	**6.2**	**6.9**	**5.4**		

***Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code**

TABLE 6. 2016 MICHIGAN SOUTHERN ZONE ROUND-UP READY / Late Maturity, (2.8 - 3.7), SOYBEAN VARIETY TRIAL REPORT

						YIELD (BU/AC)										
									2016 AVERAGE							
BRAND	VARIETY	Mat Group	TMT*	Phyto Resist.	SCN	2016 AVG	15-16 AVG	14-16 AVG	Hillsdale	Clinton	Lenawee	St.Joseph	Height	Lodging	Protein	Oil
Asgrow	AG3034GENRR2Y	3.0	ACL	1c	R	77.4	77.9	75.1	77.1	75.5	71.9	85.1	42	1.6	38.7	16.8
Asgrow	AG3334GENRR2Y	3.3	ACL	1c	MR	80.4	76.3	73.3	82.8	73.9	75.7	89.0	45	1.8	38.4	17.0
Beck's	297R4	2.9	ESC	1a	R3,M14	78.5			74.7	79.1	73.8	86.3	43	2.2	37.8	17.7
Beck's	3091X2	3.0	ESC	1c	R3,M14	79.5			84.6	75.0	74.8	83.7	46	2.2	38.2	17.4
Beck's	3353X2	3.3	ESC	1c	R3,M14	82.5			90.3	75.6	72.3	91.9	41	1.7	38.4	17.1
Channel	3009 R2	3.0	ACL FI	1c	R3	81.4			86.6	77.6	70.0	91.5	45	1.8	37.3	17.7
Credenz	CZ 3060 RY	3.0	P,V,EG,ILeVO	1c	R	78.1	74.3	26.0	83.2	74.6	69.2	85.4	40	1.9	39.0	17.3
Credenz	CZ 3383 RY	3.3	P,V,EG,ILeVO	1c	MR	83.9	81.2	28.0	85.4	79.6	76.5	94.1	44	2.4	36.9	17.3
DF Seeds	DF 5287 N R2Y	2.8	ACL,P,V,I,N		R	77.8			78.3	77.4	71.2	84.4	42	2.6	38.0	18.4
DF Seeds	DF 7296 N X R2Y	2.9	ACL,P,V,I,N	1c	R	81.2			87.2	77.1	76.7	83.8	46	2.1	38.9	17.0
Dairyland	DSR-2909/R2Y	2.9	CM+O	1a	R	78.6	77.7	76.5	83.7	71.5	71.9	87.3	42	2.3	37.5	17.9
Dyna-Gro	S29RY05	2.9	CM,Vib,Clar	1k	R	80.8	78.8	75.9	84.9	75.7	75.2	87.3	42	2.6	38.3	17.3
Dyna-Gro	S30XT96	3.0	CM,Vib,Clar	1c	R	81.8			84.9	80.1	75.4	87.0	47	2.3	38.8	17.3
Dyna-Gro	S31RY86	3.1	CM,Vib,Clar	1c	R	82.3	79.3		83.6	75.6	77.0	92.9	44	2.0	38.0	17.1
Dyna-Gro	S33RY76	3.3	CM,Vib,Clar	1c	R	84.5	82.5		85.1	81.5	76.1	95.3	45	2.1	36.9	17.4
Great Lakes	GL2964NRX	2.9	Agr F/I,Clar	1c	R	78.8			89.8	77.0	66.6	81.8	41	2.2	38.3	17.3
Legacy	LS-2834NRR2	2.8	L-Coat Total	1a	R3,MR14	77.8			74.9	73.1	75.4	87.9	41	2.3	38.0	17.8
M&W	28Z10 NRR2Y	2.8	CM,N-H	1a	R3,MR14	80.6			88.1	77.1	67.3	89.8	41	2.2	38.3	17.7
M&W	28L11 RR2X	2.8	CM,N-H	3a,1k	R3,MR14	81.9			83.6	79.4	75.6	88.9	40	1.5	38.6	17.3
Mycogen	5N286R2	2.8	CM, Vib, Clar	1a	R	79.5	76.8		78.7	78.7	75.1	85.7	42	2.4	37.8	17.9
Mycogen	5N287R2	2.8	CM, Vib, Clar	1c	R	79.0			77.0	78.5	70.7	89.9	46	2.5	38.2	17.7
NK Brand	S28-A2	2.8	Clar Complete	1c	R	74.9	73.9	72.6	74.8	72.1	70.0	82.7	41	2.4	38.3	17.8
NK Brand	S28-N6	2.8	Clar Complete	1c	R	81.7			78.9	81.6	75.5	90.6	41	2.1	38.1	18.2
NK Brand	S30-V6	3.0	Clar Complete		R	76.7	77.4		77.0	69.5	74.3	85.9	43	2.4	37.9	18.0
NuTech	7307	3.0	SmartCote S	1k	R	79.9			84.3	72.5	74.1	88.9	46	1.9	37.5	18.2
Renk	RS276NX	2.8	AM-C	3a,1k	R	83.2			83.2	82.9	75.1	91.5	40	1.5	38.7	17.2
Renk	RS286NR2	2.8	AM-C	1k	R	82.0	77.4		82.4	77.6	74.1	94.1	42	1.9	37.8	17.8
Renk	RS306NX	3.0	AM-C	1c	R	80.9			85.5	76.8	75.7	85.5	46	2.3	38.5	17.4
Renk	RS316NR2	3.1	AM-C	1c	R	84.3	78.5		89.2	74.8	78.6	94.8	44	1.9	38.0	17.1
Rupp	RS7283	2.8	CM	1a	R	77.9	76.9	74.6	78.7	73.5	72.1	87.2	41	1.9	37.9	17.9
Rupp	RS7302	3.0	CM	3a,1c	R	81.7			86.4	79.8	72.7	88.2	47	2.9	37.5	17.7
Rupp	RS7332	3.3	CM	1k	R	82.2	80.9	77.7	88.1	73.7	74.7	92.2	43	2.7	37.8	17.8
Rupp	RS7377	3.7	CM	NG	R	85.0			87.6	79.6	74.0	98.8	44	2.3	37.6	17.2
Rupp	RS30XT29	3.0	CM	1c	R	80.1			86.0	77.5	71.2	85.8	47	2.2	38.7	17.3
Rupp	RS33XT63	3.3	CM	1c	R	83.2			89.1	75.0	77.4	91.2	43	2.3	39.1	16.9
Seed Consultants	SCS 9295RR™	2.9	ALL,EG,G	1k	MR	79.7	79.5	74.8	81.4	73.8	76.6	87.2	41	1.3	38.7	18.2
Seed Consultants	SCS 9314RR™	3.1	ALL,EG,G	1k	R	75.9	76.6	73.5	70.7	74.2	72.3	86.3	45	2.6	37.4	18.2
Seed Consultants	SCS 9335RR™	3.3	ALL,EG,G	1k	MR	79.9	79.8		82.5	76.1	70.8	90.3	45	2.6	37.0	17.9
Specialty	3005CR2	3.0	ACL	1c,3a	R3	82.1	80.0		87.5	79.3	74.1	87.7	46	1.8	37.4	17.6
Steyer	2805R2	2.8	SS	1a	MR	78.1	77.0	74.6	79.9	71.8	73.6	86.9	41	2.1	37.4	18.0
Steyer	3003XR	3.0	SS	1c	MR	81.4			84.1	80.7	76.0	85.0	47	2.3	38.4	17.2
Wellman	W 4529	2.9	ENC		R	80.1	77.4	75.5	81.7	78.0	71.0	89.8	42	2.2	37.5	18.1
Wellman	W 5630	3.0	ENC	1c	R	80.6			86.0	78.1	72.8	85.4	46	2.3	38.5	17.3
Wellman	W 4131	3.1	ENC	1c	R	77.8			81.9	68.8	71.9	88.6	44	3.1	37.7	17.9
GRAND MEAN						**80.3**			**83.0**	**76.4**	**73.6**	**88.5**	**43**	**2.2**	**38.0**	**17.6**
Max.						**85.0**			**90.3**	**82.9**	**78.6**	**98.8**	**47**	**3.1**	**39.1**	**18.4**
Min.						**74.9**			**70.7**	**68.8**	**66.6**	**81.8**	**40**	**1.3**	**36.9**	**16.8**
LSD (0.05)						**3.9**			**8.7**	**8.6**	**6.7**	**7.5**				
CV (%)						**5.9**			**6.3**	**6.8**	**5.4**	**5.1**				

***Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code**

John Boyse has worked in soybean breeding at MSU and conducted the Soybean Performance Trials for the past 29 years. He will be moving to a half time position focusing on soybean pathology.

Thanks for 29 years of service to the soybean industry!

TABLE 7. 2016 MICHIGAN LIBERTY LINK CENTRAL SOYBEAN TRIAL REPORT

						YIELD (BU/AC)										
									2016 AVERAGE							
BRAND	VARIETY	Maturity Group	TMT*	PHYTO RES	SCN	2016 AVG	15-16 AVG	14-16 AVG	Allegan	Clinton	Saginaw	Sanilac	Height	Lodging	Protein	Oil
Beck's	234L4	2.3	ESC	1k	R3,M14	71.2			64.4	71.8	74.2	73.2	38	2.1	38.3	17.5
Beck's	264L4	2.6	ESC	1c	R3,M14	74.1			66.6	75.6	75.3	76.6	40	2.3	37.6	18.1
Credenz	CZ 1623 LL	1.6	P,V,EG,ILeVO		R	67.3			51.7	71.8	76.4	67.8	39	1.9	38.9	17.5
Credenz	CZ 1845 LL	1.8	P,V,EG,ILeVO	1k	MS	69.0			55.7	75.8	70.2	73.3	37	2.8	37.7	18.1
Credenz	CZ 2101 LL	2.1	P,V,EG,ILeVO	1c	MR	70.3			61.7	75.1	70.7	72.6	36	1.6	37.5	18.4
Credenz	CZ 2312 LL	2.3	P,V,EG,ILeVO	1k	R	75.7	74.2		68.8	73.8	76.0	84.3	39	1.9	38.8	17.4
Credenz	CZ 2510 LL	2.5	P,V,EG,ILeVO	1k	R	74.7	70.6		68.8	77.5	74.9	77.5	39	2.2	38.9	17.3
Credenz	CZ 2601 LL	2.6	P,V,EG,ILeVO	1c	MR	75.1			65.5	75.8	79.5	78.8	38	1.9	37.5	18.1
Credenz	CZ 2810 LL	2.8	P,V,EG,ILeVO	1k	R	76.9			66.8	80.2	81.6	78.9	43	2.6	37.2	18.1
DF Seeds	DF 9127 N LL	1.2	ACL,P,V,I,N	1c	R	61.9			43.7	68.9	63.1	69.6	35	2.4	39.9	17.5
DF Seeds	DF 9171 N LL	1.7	ACL,P,V,I,N		R	66.4	66.4		58.1	69.0	70.3	68.4	35	2.1	38.9	17.5
DF Seeds	DF 9221 N LL	2.2	ACL,P,V,I,N	1k	R	71.4	68.6	68.2	61.2	71.0	75.8	77.8	41	2.4	37.6	18.3
DF Seeds	DF 9232 N LL	2.3	ACL,P,V,I,N	1k	R	75.8	72.0	70.3	70.8	70.9	76.4	86.0	38	2.1	38.9	17.3
DF Seeds	DF 9251 N LL	2.5	ACL,P,V,I,N	1k	R	73.8	70.8	68.2	66.7	72.1	75.0	81.6	39	2.0	38.8	17.4
DF Seeds	DF 9261 LL	2.7	ACL,P,V,I,N	1k	S	74.3	70.0	68.0	69.6	70.0	74.6	82.3	37	2.3	38.7	17.6
DF Seeds	DF 9263 N LL	2.6	ACL,P,V,I,N	1c	R	73.3	71.2		61.0	83.2	78.0	71.2	38	1.5	38.1	17.9
Dyna-Gro	S20LL47	2.0	CM,Vib,Clar	1c	R	68.6			56.3	66.0	74.6	78.2	36	1.4	38.0	18.2
Dyna-Gro	S22LL65	2.2	CM,Vib,Clar	1k	MR	71.0	71.3	69.7	66.3	72.8	67.7	77.2	38	1.8	38.7	17.2
Dyna-Gro	S25LL96	2.5	CM,Vib,Clar	1c	R	72.9	69.7		68.0	75.4	76.1	72.2	41	2.5	37.9	18.0
Great Lakes	GL1769NLL	1.7	Agr F/I,Clar		R	63.8			50.4	72.1	65.3	68.6	36	2.4	39.1	17.6
Great Lakes	GL2264NLL	2.2	Agr F/I,Clar		R	73.8			60.2	78.0	74.8	81.5	39	2.1	38.9	17.4
Great Lakes	GL2557NLL	2.5	Agr F/I,Clar	1k	R	72.5	70.2		61.5	77.0	77.0	72.1	40	2.0	37.3	18.1
MCIA	2116LL	2.1	CM			69.6			59.0	74.2	71.4	73.8	36	1.5	37.8	18.3
MCIA	2212LL	2.2	CM		1k	72.5	69.1	68.2	72.3	66.7	73.8	76.0	38	2.3	39.0	17.7
MCIA	2314LL	2.3	CM			69.2	67.7	65.9	60.5	73.2	70.1	73.7	39	2.1	38.9	17.3
MCIA	2512LL	2.5	CM		1k	73.4	69.8	68.2	66.9	73.2	72.8	80.2	39	2.2	38.6	17.5
NuTech	3174L	1.7	SmartCote S	S	R	65.7			52.0	68.8	72.0	70.0	36	2.3	38.6	17.8
NuTech	3205L	2.0	SmartCote S	1c	R	68.9	66.2		60.7	72.2	75.2	67.6	37	1.4	37.7	18.3
NuTech	3252L	2.5	SmartCote S	1c	R	72.5	69.8		65.1	73.3	78.6	73.0	41	2.1	37.6	18.3
Rupp	RS6230	2.3	CM	1c	R	70.6			55.7	69.6	75.4	81.0	38	2.0	38.3	17.5
Rupp	RS6267	2.6	CM	1k	R	75.3			68.0	77.0	78.9	76.5	39	1.9	37.6	18.0
GRAND MEAN						**71.3**			**62.1**	**73.3**	**74.0**	**75.5**	**38**	**2.1**	**38.3**	**17.8**
Max.						**76.9**			**72.3**	**83.2**	**81.6**	**86.0**	**43**	**2.8**	**39.9**	**18.4**
Min.						**61.9**			**43.7**	**66.0**	**63.1**	**67.6**	**35**	**1.4**	**37.2**	**17.2**
LSD (0.05)						**5.9**			**12.2**	**9.7**	**8.0**	**12.8**				
CV (%)						**9.3**			**11.7**	**7.8**	**6.5**	**8.7**				

***Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code**

TABLE 8. 2016 MICHIGAN LIBERTY LINK SOUTH SOYBEAN TRIAL REPORT

						YIELD (BU/AC)										
									2016 AVERAGE							
BRAND	VARIETY	Maturity Group	TMT*	PHYTO RES	SCN	2016 AVG	15-16 AVG	14-16 AVG	Hillsdale	Clinton	Lenawee	St.Joseph	Height	Lodging	Protein	Oil
Agra	Key 1726L	2.6	EN	1c		76.6			73.7	83.6	67.5	81.5	39	1.8	38.2	17.3
Agra	Key 1732L	3.2	EN	1c		78.3			77.6	79.4	71.9	84.4	37	1.9	36.5	18.2
Beck's	234L4	2.3	ESC	1k	R3,M14	75.9			82.4	66.0	69.5	85.7	40	2.1	38.5	17.3
Beck's	264L4	2.6	ESC	1c	R3,M14	75.5			80.8	80.6	64.6	76.2	41	2.1	37.5	18.0
Beck's	274L4	2.7	ESC		R3,M14	75.9			76.5	82.4	67.3	77.6	39	1.6	37.0	18.1
Beck's	338L4	3.3	ESC	1c	R3,M14	78.4			76.0	85.6	66.7	85.3	38	1.9	37.1	18.2
Credenz	CZ 2312 LL	2.3	P,V,EG,ILeVO	1k		76.4	75.3		76.2	73.8	69.5	86.3	40	1.9	39.2	17.2
Credenz	CZ 2510 LL	2.5	P,V,EG,ILeVO	1k		80.5	74.2		80.4	78.5	73.5	89.7	40	1.9	38.9	17.2
Credenz	CZ 2601 LL	2.6	P,V,EG,ILeVO	1c		78.5			77.3	83.5	70.9	82.4	39	1.4	37.2	18.0
Credenz	CZ 2810 LL	2.8	P,V,EG,ILeVO	1k		78.8	74.2		77.9	83.2	69.1	85.0	44	2.4	37.2	18.0
Credenz	CZ 2915 LL	2.9	P,V,EG,ILeVO	1c		81.1	75.8		78.6	84.8	73.0	88.1	43	2.3	38.6	17.2
Credenz	CZ 3234 LL	3.2	P,V,EG,ILeVO	1c		76.0			71.8	83.7	70.9	77.9	38	1.9	37.2	18.1
Credenz	CZ 3233 LL	3.2	P,V,EG,ILeVO	1k		78.6	71.1		70.5	85.8	74.2	83.9	44	2.3	36.5	18.2
DF Seeds	DF 9232 N LL	2.3	ACL,P,V,I,N	1k	R	75.2	73.8	73.1	78.7	70.7	64.6	87.0	40	1.9	39.1	17.2
DF Seeds	DF 9251 N LL	2.5	ACL,P,V,I,N	1k	R	76.5	74.9	73.9	77.0	71.3	69.3	88.5	39	1.9	39.2	17.0
DF Seeds	DF 9261 LL	2.7	ACL,P,V,I,N	1k	S	75.2	73.5	74.5	74.5	75.6	66.8	83.8	38	2.6	39.2	17.4
DF Seeds	DF 9263 N LL	2.6	ACL,P,V,I,N	1c	R	77.8	74.8		80.1	78.5	68.3	84.6	40	1.4	37.7	17.8
DF Seeds	DF 9311 N LL	3.1	ACL,P,V,I,N	1k	R	79.3	76.3	74.1	78.9	79.3	70.7	88.5	39	2.4	37.7	17.8
Dyna-Gro	S20LL47	2.0	CM,Vib,Clar	1c	R	71.3			70.7	76.4	66.8	71.4	40	1.9	38.2	18.0
Dyna-Gro	S22LL65	2.2	CM,Vib,Clar	1k	MR	78.2	74.7		89.4	70.3	65.1	87.9	40	2.0	38.8	17.4
Dyna-Gro	S25LL96	2.5	CM,Vib,Clar	1c	R	74.5	72		74.3	77.8	68.6	77.2	43	2.2	37.1	18.3
Great Lakes	GL2264NLL	2.2	Agr F/I,Clar		R	77.6			74.1	75.3	72.7	88.4	40	2.2	39.3	17.1
Great Lakes	GL2557NLL	2.5	Agr F/I,Clar	1k	R	75.7	74.6		75.6	84.4	67.0	75.8	42	2.4	37.5	18.2
Great Lakes	GL2860NLL	2.8	Agr F/I,Clar		R	74.6			73.8	70.2	66.9	87.5	43	2.6	37.4	17.9
MCIA	2314LL	2.3	CM			80.0			84.5	78.2	70.8	86.8	40	1.9	39.1	17.2
MCIA	2512LL	2.5	CM		1k	74.9	73.9	73.0	75.4	73.5	64.1	86.6	40.0	1.9	39.1	17.3
MCIA	3116LL	3.1	CM			75.0			70.7	81.7	67.8	80.0	37.0	1.9	37.6	18.2
NuTech	3252L	2.5	SmartCote S	1c	R	76.0	73.1		75.8	81.2	68.5	78.7	42.0	2.4	37.6	18.0
NuTech	3273L	2.7	SmartCote S	1k	R	79.0			77.4	81.1	70.0	87.3	44.0	2.4	38.0	17.2
NuTech	3309L	3.0	SmartCote S	1c	R	84.4	78.9		88.5	87.1	74.4	87.5	44.0	2.5	38.6	17.3
NuTech	3321L	3.2	SmartCote S	1k	R	77.0	69.9		68.2	84.2	71.3	84.5	43.0	2.5	35.9	18.4
Rupp	RS6267	2.6	CM	1k	R	77.3			77.9	79.3	69.5	82.6	40.0	1.6	37.2	18.1
Rupp	RS6288	2.8	CM	1k	R	75.9			73.2	77.2	66.4	86.7	44.0	2.7	37.6	17.9
Rupp	RS6324	3.2	CM	1k	MR	75.5			64.1	80.1	72.9	84.8	43.0	2.5	36.4	18.1
GRAND MEAN						**77.1**			**76.5**	**78.9**	**69.1**	**83.8**	**41**	**2.1**	**37.9**	**17.7**
Max.						**84.4**			**89.4**	**87.1**	**74.4**	**89.7**	**44**	**2.7**	**39.3**	**18.4**
Min.						**71.3**			**64.1**	**66.0**	**64.1**	**71.4**	**37**	**1.4**	**35.9**	**17.0**
LSD (0.05)						**4.5**			**12.0**	**9.7**	**7.3**	**5.4**				
CV (%)						**7.0**			**9.4**	**7.3**	**6.3**	**3.9**				

***Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code**

INDEX FOR 2016 SOYBEAN VARIETY PERFORMANCE TRIALS

There were **241** varieties from **27** private seed companies entered in 7 county test sites in the 2016 Soybean Variety Performance Trials. Numbers within parentheses refer to the Table in which the variety appears. Company names used in association with variety numbers refer to the brand, and the numbers are the variety designation.

TABLE 1 Central Conventional	TABLE 2 Southern Conventional	TABLE 3 Central Early Roundup Ready	TABLE 4 Central Late Roundup Ready	TABLE 5 Southern Early Roundup Ready	TABLE 6 Southern Late Roundup Ready
Allegan	Hillsdale	Allegan	Allegan	Hillsdale	Hillsdale
Clinton	Clinton	Clinton	Clinton	Clinton	Clinton
Saginaw	Lenawee	Saginaw	Saginaw	Lenawee	Lenawee
Sanilac	St. Joseph	Sanilac	Sanilac	St. Joseph	St. Joseph

TABLE 7 Central Liberty Link	TABLE 8 Southern Liberty Link
Allegan	Hillsdale
Clinton	Clinton
Saginaw	Lenawee
Sanilac	St. Joseph

Monsanto Company
Asgrow AG1435GENRR2Y (3)
Asgrow AG1636GENRR2Y (3)
Asgrow AG2035GENRR2Y (3)
Asgrow AG2336GENRR2Y (4,5)
Asgrow AG2535GENRR2Y (4,5)
Asgrow AG2636GENRR2Y (4,5)
Asgrow AG3034GENRR2Y (4,6)
Asgrow AG3334GENRR2Y (6)

Beck's Hybrids
BECK'S 185R2 (1)
BECK'S 215R2 (1)
BECK'S 233R4 (2)
BECK'S 234L4 (7,8)
BECK'S 255R2 (4,5)
BECK'S 264L4 (7,8)
BECK'S 273R4 (4)
BECK'S 274L4 (8)
BECK'S 297R4 (6)
BECK'S 3091X2 (6)
BECK'S 3353X2 (6)
BECK'S 338L4 (8)

Blue River Hybrids
BLUE RIVER 20FC6 (1)
BLUE RIVER 21C6 (1,2)
BLUE RIVER 22DC6 (1,2)
BLUE RIVER 27C5 (2)
BLUE RIVER Exp193e (2)
BLUE RIVER ExpM88 (1,2)

Monsanto (Channel)
CHANNEL 2108 R2 (3)
CHANNEL 2306 R2 (4,5)
CHANNEL 2609 R2 (5)
CHANNEL 2908 R2 (4)
CHANNEL 3009 R2 (6)

Bayer CropScience
CREDENZ CZ 1623 LL (7)

Bayer CropScience (con't)
CREDENZ CZ 1845 LL (7)
CREDENZ CZ 2101 LL (7)
CREDENZ CZ 2312 LL (7,8)
CREDENZ CZ 2474 RY (4,5)
CREDENZ CZ 2510 LL (7,8)
CREDENZ CZ 2601 LL (7,8)
CREDENZ CZ 2788 RY (5)
CREDENZ CZ 2810 LL (7,8)
CREDENZ CZ 2915 LL (8)
CREDENZ CZ 3060 RY (5,6)
CREDENZ CZ 3233 LL (7)
CREDENZ CZ 3234 LL (7)
CREDENZ CZ 3383 RY (6)

D.F. Seeds, Inc.
D.F. SEEDS DF 155 F (1,2)
D.F. SEEDS DF 192 N (1)
D.F. SEEDS DF 227 N (1)
D.F. SEEDS DF 242 N (1,2)
D.F. SEEDS DF 272 N (1,2)
D.F. SEEDS DF 317 N (2)
D.F. SEEDS DF 5101 R2Y (3)
D.F. SEEDS DF 5141 R2Y (3)
D.F. SEEDS DF 5173 N R2Y (3)
D.F. SEEDS DF 5193 N R2Y (3)
D.F. SEEDS DF 5227 N R2Y (3,5)
D.F. SEEDS DF 5242 R2Y (4,5)
D.F. SEEDS DF 5263 R2Y/STS (4,5)
D.F. SEEDS DF 5287 N R2Y (4,6)
D.F. SEEDS DF 7217 N X R2Y (3)
D.F. SEEDS DF 7237 X R2Y (4)
D.F. SEEDS DF 7266 N X R2Y (4,5)
D.F. SEEDS DF 7296 N X R2Y (6)
D.F. SEEDS DF 9127 N LL (7)
D.F. SEEDS DF 9171 N LL (7)
D.F. SEEDS DF 9221 N LL (7)
D.F. SEEDS DF 9232 N LL (7,8)
D.F. SEEDS DF 9251 N LL (7,8)
D.F. SEEDS DF 9261 LL (7,8)
D.F. SEEDS DF 9263 N LL (7,8)

D.F. Seeds, Inc.(con't)
D.F. SEEDS DF 9311 N LL (8)
D.F. SEEDS JACKSON F (1)
D.F. SEEDS LILY (1,2)

Dairyland Seed
DAIRYLAND DSR-1313/R2Y (3)
DAIRYLAND DSR-1526/R2Y (3)
DAIRYLAND DSR-1721/R2Y (3)
DAIRYLAND DSR-1870/R2Y (3,5)
DAIRYLAND DSR-2017/R2Y (3,5)
DAIRYLAND DSR-2110/R2Y (3,5)
DAIRYLAND DSR-2330/R2Y (4,5)
DAIRYLAND DSR-2400 (1,2)
DAIRYLAND DSR-2616/R2Y (4,5)
DAIRYLAND DSR-2707/R2Y (4,5)
DAIRYLAND DSR-2909/R2Y (4,6)

Crop Production Services
DYNA-GRO S17RY06 (3)
DYNA-GRO S17RY67 (3)
DYNA-GRO S18RY25 (3)
DYNA-GRO S19RY65 (3)
DYNA-GRO S20LL47 (7,8)
DYNA-GRO S20RY45 (3)
DYNA-GRO S21XT77 (3)
DYNA-GRO S2207N (1,2)
DYNA-GRO S22LL65 (7,8)
DYNA-GRO S23RY85 (4,5)
DYNA-GRO S24RY87 (4,5)
DYNA-GRO S25LL96 (7,8)
DYNA-GRO S26RS37 (4,5)
DYNA-GRO S26RY75 (4,5)
DYNA-GRO S27TX86 (5)
DYNA-GRO S29RY05 (6)
DYNA-GRO S30XT96 (6)
DYNA-GRO S31RY86 (6)
DYNA-GRO S33RY76 (6)

Schillinger Genetics
eMERGE e1665 (1)

Schillinger Genetics, con't
eMERGE e1993 (1)
eMERGE e2162 (1)
eMERGE e2866 (2)
eMERGE e3066 (2)
eMERGE e3196 (2)

Great Lakes Hybrids
GREAT LAKES GL1760NRX (3)
GREAT LAKES GL1769NLL (7)
GREAT LAKES GL1865NR2 (3)
GREAT LAKES GL1953NR2 (3,5)
GREAT LAKES GL2063NRX (3,5)
GREAT LAKES GL2254N (1,2)
GREAT LAKES GL2264NLL (7,8)
GREAT LAKES GL2269NR2 (3,5)
GREAT LAKES GL2465NRX (4,5)
GREAT LAKES GL2469R2 (4,5)
GREAT LAKES GL2551NR2 (4,5)
GREAT LAKES GL2557NLL (7,8)
GREAT LAKES GL2765N (1,2)
GREAT LAKES GL2789R2 (4,5)
GREAT LAKES GL2860NLL (8)
GREAT LAKES GL2964NRX (4,6)

Hensall District Cooperative
HDC 1600T (1)
HDC ADARE (1)
HDC BLAKE (1)

Hoegemeyer Hybrids
HOEGEMEYER HS1841 N (1,2)
HOEGEMEYER HS2236 N (1,2)
HOEGEMEYER HS2942 N (2)

Agra SoutionsLLC
KEY 1726L (8)
KEY 1732L (8)

Legacy Seeds, Inc.
LEGACY LS1737NRR2 (3)
LEGACY LS1934NRR2 (3)
LEGACY LS-2137NRR2 (3,5)
LEGACY LS-2437NRR2 (4,5)
LEGACY LS-2834NRR2 (4,6)

M&W Seeds
M&W 18L18NRR2Y (3)
M&W 22L88NRR2Y (3)
M&W 25K10NRR2Y (4,5)
M&W 25L33RR2X (4,5)
M&W 26M81 (4,5)
M&W 27K85NRR2Y (4,5)
M&W 28L11RR2X (4,6)
M&W 28Z10NRR2Y (4,6)

MI Crop Improvement Assoc.
MCIA 2116LL (7)
MCIA 2212LL (7)
MCIA 2314LL (7,8)
MCIA 2512LL (7,8)

MI Crop Improvement Assoc., con't
MCIA 3116LL (8)

Mycogen Seeds
MYCOGEN 5B241R2 (4)
MYCOGEN 5N182R2 (3)
MYCOGEN 5N206R2 (3)
MYCOGEN 5N245R2 (4)
MYCOGEN 5N286R2 (6)
MYCOGEN 5N287R2 (6)

Citizens LLC
NATURE'S GENETICS 2.0 (1,2)
NATURE'S GENETICS 2.4 (1,2)

Syngenta Seeds
NK BRAND S19-B2 (3)
NK BRAND S20-T6 (3)
NK BRAND S21-M7 (3)
NK BRAND S25-L9 (4,5)
NK BRAND S26-P3 (4,5)
NK BRAND S28-A2 (6)
NK BRAND S28-N6 (6)
NK BRAND S30-V6 (6)

NuTech Seed, LLC
NUTECH 3174L (7)
NUTECH 3205L (7)
NUTECH 3252L (7,8)
NUTECH 3273L (8)
NUTECH 3309L (8)
NUTECH 3321L (8)
NUTECH 7172R2 (3)
NUTECH 7217R2 (3,5)
NUTECH 7224 (3,5)
NUTECH 7279 (4,5)
NUTECH 7307 (6)

Renk Seed
RENK RS175NR2 (3)
RENK RS177NX (3)
RENK RS195NR2 (3)
RENK RS207NX (3)
RENK RS213NR2 (3)
RENK RS246NR2 (4)
RENK RS265NR2 (5)
RENK RS276NX (6)
RENK RS286NR2 (6)
RENK RS306NX (6)
RENK RS316NR2 (6)

Rupp Seeds, Inc.
RUPP RS 7177 (3)
RUPP RS 7242 (4)
RUPP RS 27XT61 (5)
RUPP RS 30XT29 (6)
RUPP RS 6230 (7)
RUPP RS 6267 (7,8)
RUPP RS 6288 (8)
RUPP RS 6324 (8)
RUPP RS 7205 (3)

Rupp Seeds, Inc., con't
RUPP RS 7239 (4)
RUPP RS 7283 (6)
RUPP RS 7302 (6)
RUPP RS 7332 (6)
RUPP RS 7377 (6)
RUPP RS 21XT10 (3)
RUPP RS 33XT63 (6)

Seed Consultants, Inc.
Seed Consultants SCS 9213RR™ (3,5)
Seed Consultants SCS 9256R™ (4,5)
Seed Consultants SCS 9277R™ (4,5)
Seed Consultants SCS 9295RR™ (4,6)
Seed Consultants SCS 9314RR™ (6)
Seed Consultants SCS 9335RR™ (6)

Specialty Hybrids
SPECIALTY 2164CR2 (3,5)
SPECIALTY 2564CR2 (4,5)
SPECIALTY 2685CR2 (4,5)
SPECIALTY 3005CR2 (4,6)

Steyer Seeds
STEYER 1801R2 (3)
STEYER 2102R2 (3)
STEYER 2103XR (3,5)
STEYER 2704XR (5)
STEYER 2805R2 (6)
STEYER 3003XR (6)

Burtch Seed Company, Inc.
STRIKE 2116GTS (3,5)
STRIKE 245R2 (4,5)

Wellman Seeds, Inc.
WELLMAN W 264 (2)
WELLMAN W 274 (2)
WELLMAN W 295 (2)
WELLMAN W 315 (2)
WELLMAN W 4131 (6)
WELLMAN W 4525 (5)
WELLMAN W 4529 (6)
WELLMAN W 4723 (5)
WELLMAN W 5627 (5)
WELLMAN W 5630 (6)

Zeeland Farm Services, Inc.
ZEELAND ZFS 1326 (1,2)
ZEELAND ZFS 1414 (1)
ZEELAND ZFS 1420LS (1,2)
ZEELAND ZFS 1527NA (1,2)
ZEELAND ZFS 1528LS (1,2)
ZEELAND ZFS 1530LS (1,2)

Michigan Soybean Promotion Committee
PO Box 287
Frankenmuth, Michigan 48734

Michigan Soybean Promotion Committee
The Soybean Checkoff
michigansoybean.org

Fellow Soybean Producers,

Many experts claim that soybean genetics contribute as much as two thirds of the yield potential of your crop. This makes the task of selecting varieties that fit your farm critical to your soybean yield. This report contains the most complete source of unbiased yield comparisons from across the state.

This year marks the end of a very productive and successful career of an MSU Soybean Research Technician, John Boyse. John has conducted the soybean performance trials across the state for 29 years with accuracy, professionalism and dedication. Thanks, John, for your significant contributions to the success of the Michigan soybean industry.

The investment of checkoff funds in this publication is an example of our mission to "Manage checkoff resources to increase return on investment for Michigan soybean farmers while enhancing sustainable soybean production". We feel confident in the value of this resource and hope that it proves as a valuable resource for your farm.

We wish you a safe and profitable 2017 season.

Sincerely,

Michigan Soybean Promotion Committee Directors

District #1 Sarah Peterson, Niles
District #2 Pete Crawford, Dansville
District #3 Laurie Isley, Palmyra
District #4 Dennis Gardner, Croswell
District #5 Mike Sahr, Saginaw
District #6 Alan Moore, Bannister
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