

MICHIGAN STATE

UNIVERSITY



2014

**Michigan Soybean
Performance Report**

www.varietytrials.msu.edu/soybean

2014 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 2014.

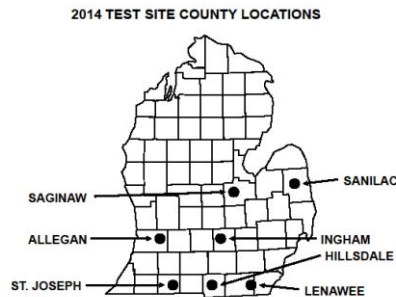
The presentation of data for the entries tested does not suggest approval or endorsement of varieties by Michigan State University.

TESTING PROCEDURES

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

Twenty-three seed companies entered a total of 235 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).



TEST SITE INFORMATION

Lenawee County

Nearest city: Britton
Cooperator: David & Jason Woods
Planting date: 6-9-14
Harvest date: 11-5-14
Previous crop: Seed Corn
Soil type: Brookston Clay Loam
Fertilizer: 300# /A 0-0-60
Herbicides: Conventional & Liberty Link Trials –
Preemerge 6 oz. Sencor; 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: 5-23-14
Harvest date: 10-26-14
Previous crop: Corn
Soil type: Matheron Loam
Fertilizer: 150# 0-0-60
Herbicides: Conventional & Liberty Link Trials –
Preemerge 6 oz. Sencor; 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: 5-12-14
Harvest date: 10-27-14
Previous crop: Seed Corn
Soil type: Oshtemo Sandy Loam
Fertilizer: 1 ton /A chicken litter
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

Ingham County

Nearest city: East Lansing
Cooperator: Michigan State University
Planting date: 6-7-14
Harvest date: 11-9-14
Previous crop: Corn
Soil type: Capac Loam
Fertilizer: 75#/A 0-0-60
Herbicides: Conventional & Liberty Link Trials –
Preemerge 6 oz. Sencor; 1.33 pt/A Dual II Magnum
Roundup Ready Trials – 32 oz./A Roundup Powermax

Allegan County

Nearest city: Hamilton
Cooperator: Harvey Jipping
Planting date: 6-6-14
Harvest date: 11-3-14
Previous crop: Corn & part Wheat
Soil type: Clay Loam
Fertilizer: Fall 150# /A 0-0-60
Herbicides: Conventional & Liberty Link Trials –
Preemerge 6 oz. Sencor; 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: 5-29-14
Harvest date: 10-23-14
Previous crop: Wheat
Soil type: Clay Loam

Fertilizer: None
Herbicides: Conventional & Liberty Link Trials –
Preemerge 6 oz. Sencor; 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: 5-31-14
Harvest date: 10-30-14
Previous crop: Corn
Soil type: Parkhill Clay Loam
Fertilizer: 100 # 0-0-60
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, Ingham, Saginaw and Sanilac Counties.

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

GROWING CONDITIONS / COMMENTS

Sanilac County: The Sanilac County site was severely infected by white mold and was not included in the Central Zone trial averages. The Sanilac County site results, including disease severity rating scores, can be found in Tables 9 – 12.

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 2013. 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 two reps at all sites.

Lodging: Lodging scores reflect the erectness of the plants before harvest. The reported values are means of two 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'

Treatment Code

- A = Apron
- ACL = Acceleron
- ALL = Allegiance
- AM = Apron Maxx (Maxim)
- AM-C = Apron Maxx & Cruiser
- Clar = Clariva
- CM = Cruiser Maxx
- EG = EverGolEnergy
- EN = Encase
- F = FaSTart
- G = Gaucho
- O = Optimize
- P = Poncho
- SC-X = SmartCote Extra
- SG = Soy Guard
- SS = SureStand
- SuG = SureGro
- Vib = Vibrance
- V = Votivo

TABLE 1. 2014 MICHIGAN CENTRAL CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	YIELD (BU/AC)							
						2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE				
						Allegan	Ingham	Saginaw	Height	Lodging			
Citizens	CT1402	1.9	CM,Vib			60.6			53.9	64.6	63.2	32	1.8
Citizens	CT1403	2.2	CM,Vib		R	51.8			44.8	55.3	55.3	32	1.4
Citizens	CT1404	2.5	CM,Vib		R	58.4			50.2	60.9	64.0	39	2.8
D.F.Seeds	DF273N	2.7	ACL PV	1k	R	60.1			54.0	58.6	67.7	41	2.7
D.F.Seeds	DF Jackson F	2.5	ACL PV	1k	S	59.8			46.7	65.1	67.7	34	2.1
D.F.Seeds	DF Lily	2.5	ACL PV	1k	S	59.7	58.8	62.6	48.5	63.9	66.7	33	2.2
D.F.Seeds	DF155F	2.6	ACL PV	1k	S	61.7	59.7	63.1	55.7	62.1	67.4	35	2.3
D.F.Seeds	DF161N/STS	1.6	ACL PV		R	63.3	59.5	60.5	54.4	65.7	69.7	32	1.9
D.F.Seeds	DF191 F	1.9	ACL PV		S	62.9			53.7	65.5	69.5	33	2.1
D.F.Seeds	DF241 N F	2.4	ACL PV		R	60.9			50.1	61.9	70.6	32	2.7
D.F.Seeds	DF242N/S	2.4	ACL PV	1k	R	63.0	60.1	62.2	55.5	63.6	70.0	33	2.2
D.F.Seeds	DF252N/S	2.5	ACL PV	1k	R	59.2			52.7	60.4	64.4	37	2.3
D.F.Seeds	DF272 N/S	2.8	ACL PV	1k	R	61.4	58.6	62.9	49.4	66.4	68.5	42	3.4
D.F.Seeds	DF321F	3.1	ACL PV	1k	S	52.6			43.5	54.2	60.1	40	2.3
Dairyland	DSR-2400	2.4	CM	1k		55.5	55.6		48.6	53.5	64.3	34	2.6
eMerge	e1993	1.9	CM,VIB	1k	R3	64.0	62.2		58.8	63.1	70.1	33	1.8
eMerge	e2062	2.0	CM,VIB	1c	R3	56.1	55.8		49.0	52.5	66.9	33	1.2
eMerge	e2162	2.1	CM,VIB	1c	R3	58.1	56.9		52.6	57.9	63.7	33	1.9
Hensall District Coop	Blake	1.9	AM-C,Vib,O		S	63.7			60.4	64.3	66.5	35	1.6
Hensall District Coop	Goshen	1.6	AM-C,Vib,O		R	61.8			57.9	61.5	66.1	36	1.4
Hyland	HX 21CS43	2.1	CMV	1c	R	57.8			46.1	58.0	69.4	32	1.3
MSU	E05181-T**	2.0	ACL PV			55.2	54.2	55.5	41.6	59.6	64.5	30	1.5
MSU	E07051**	2.2	ACL PV	1k	R	58.5	54.8	57.9	48.3	61.4	65.8	31	1.9
MSU	E09090**	2.6	ACL PV			63.0	59.7	62.7	56.3	62.6	70.1	33	1.5
MSU	E09222LL**	2.4	ACL PV			61.0	54.4	56.6	54.9	61.5	66.7	31	2.8
MSU	E10151**	2.2	ACL PV			64.8	60.4	62.4	60.9	63.9	69.6	35	1.5
MSU	E11095**	2.5	ACL PV			61.0	58.4		54.5	63.6	64.8	31	1.3
MSU	E11128T**	2.6	ACL PV			58.3	55.2		49.5	59.1	66.4	35	2.7
MSU	E11401**	2.1	ACL PV			63.0	59.4		60.5	58.6	69.9	35	1.5
MSU	E11431**	2.2	ACL PV			65.9	60.8		60.6	66.4	70.8	35	1.5
MSU	E12007**	2.8	ACL PV			61.5			46.9	69.2	68.3	38	2.5
MSU	E12020**	2.8	ACL PV			56.6			46.3	59.4	64.0	41	2.8
MSU	E12023**	2.6	ACL PV			61.0			54.6	64.0	64.5	36	1.8
MSU	E12034**	2.9	ACL PV			57.5			49.0	59.9	63.7	37	2.3
MSU	E12042**	2.7	ACL PV			63.3			55.5	70.6	63.7	43	3.5
MSU	E12061**	2.6	ACL PV			58.2			45.5	63.7	65.4	30	1.2

TABLE 1. 2014 MICHIGAN CENTRAL CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	YIELD (BU/AC)							
						2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE				
									Allegan	Ingham	Saginaw	Height	Lodging
MSU	E12076**	2.9	ACLPV			62.8			53.0	67.8	67.5	40	3.8
MSU	E12084**	2.7	ACLPV			56.8			44.8	58.8	66.9	43	3.2
MSU	E12140LL**	2.5	ACLPV			56.6			50.3	60.6	58.9	39	2.4
MSU	E12145LL**	2.7	ACLPV			57.9			50.2	60.3	63.1	34	2.1
MSU	E12153LL**	2.7	ACLPV			54.5			48.1	59.0	56.3	38	3.5
MSU	E12155LL**	2.8	ACLPV			56.0			45.1	62.0	61.0	42	3.1
MSU	E12247**	2.7	ACLPV			61.7			56.8	62.8	65.6	48	3.5
MSU	E12377**	2.5	ACLPV			55.7			49.3	60.2	57.6	40	3.2
MSU	E12397**	2.2	ACLPV			61.7			46.5	67.6	70.9	35	2.0
Nature's Genetics	Nat. Gen. 2.4	2.4	CM,Vib			56.3	54.9	56.4	54.2	59.4	55.4	38	2.7
Zeeland	ZFSelect1125LL	3.0	PVO			58.9	58.4	60.3	53.8	59.8	63.2	35	2.0
Zeeland	ZFSelect1326	2.6	PVO		R	64.9	63.3	66.1	53.6	68.6	72.6	36	2.3
Zeeland	ZFSelect1420LS	2.0	CM			65.2			57.4	66.5	71.8	35	2.0
Zeeland	ZFSelect251LS	2.5	PVO			60.3			51.4	63.2	66.4	30	1.0
Zeeland	ZFSelect291LS	2.9	PVO			57.4			53.1	60.3	58.9	37	1.5
Zeeland	ZFSelect728LL	2.7	PVO			56.6			40.6	64.2	64.9	33	1.5
Zeeland	ZFSelect830LL	3.0	PVO			62.5	60.2	61.7	55.2	65.2	67.1	42	2.8
GRAND MEAN						59.8			51.6	62.0	65.6	36	2.2
Max.						65.9			60.9	70.6	72.6	48	3.8
Min.						51.8			40.6	52.5	55.3	30	1.0
LSD (0.05)						5.6			13.7	7.8	6.7		
CV (%)						9.9			13.7	7.6	6.1		

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

**Michigan State University experimental varieties

TABLE 2. 2014 MICHIGAN SOUTH CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	YIELD (BU/AC)								
						2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE					
						Hillsdale	Ingham	Lenawee	St. Joseph	Height	Lodging			
Citizens	CT1401	2.8	CM,Vib			51.4			45.5	45.2	55.1	60.0	46	3.3
Citizens	CT1405	2.8	CM,Vib		R	59.7			57.8	49.9	58.8	72.2	35	3.0
D.F.Seeds	DF273N	2.7	ACLPV	1k	R	65.5			57.0	56.3	67.4	81.2	40	2.0
D.F.Seeds	DF Lily	2.5	ACLPV	1k	S	66.5			60.4	55.8	71.9	78.0	30	1.8
D.F.Seeds	DF155F	2.6	ACLPV	1k	S	65.3	68.3	64.7	61.6	50.6	71.4	77.7	33	2.0
D.F.Seeds	DF241 N F	2.4	ACLPV		R	58.8			53.3	55.0	62.9	64.1	30	2.6
D.F.Seeds	DF242N/S	2.4	ACLPV	1k	R	68.8	70.3	69.6	58.3	58.5	73.1	85.3	35	2.3
D.F.Seeds	DF252N/S	2.5	ACLPV	1k	R	68.0			62.2	57.4	72.5	80.1	34	2.1
D.F.Seeds	DF272 N/S	2.8	ACLPV	1k	R	68.8	69.7	68.2	61.5	62.0	71.9	79.9	38	2.8
D.F.Seeds	DF321F	3.1	ACLPV	1k	S	62.5			57.5	53.0	65.9	73.8	38	2.0
Dairyland	DSR-2400	2.4	CM	1k		64.6	67.0	64.2	62.3	50.7	70.5	74.9	34	1.9
eMerge	e2782	2.7	CM,Vib	S	R3	62.7	62.8		54.6	51.5	65.9	NA	30	1.0
eMerge	e2854	2.8	CM,Vib	1c	R3	60.9			56.0	48.5	58.6	NA	33	1.2
eMerge	e2993	2.9	CM,Vib	1k	R3	63.8	65.1		47.3	58.3	69.5	NA	27	1.5
MSU	E05181-T**	2.0	ACLPV			56.5	59.0	57.4	43.3	53.3	58.9	70.4	31	2.0
MSU	E07051**	2.2	ACLPV	1k	R	61.6	63.5	60.8	48.3	51.8	71.2	75.3	31	2.1
MSU	E09090**	2.6	ACLPV			62.3	63.7	63.6	51.0	49.8	70.3	78.3	32	1.4
MSU	E09222LL**	2.4	ACLPV			60.7	64.1	62.2	51.8	49.1	69.0	73.1	31	2.3
MSU	E10151**	2.2	ACLPV			63.1	63.4	62.1	56.2	46.9	71.5	77.9	34	1.8
MSU	E11095**	2.5	ACLPV			59.6	61.3		56.8	57.2	62.3	62.2	32	2.1
MSU	E12007**	2.8	ACLPV			70.0			63.5	61.0	71.4	84.3	39	2.0
MSU	E12020**	2.8	ACLPV			64.3			58.5	56.4	67.8	74.4	39	2.4
MSU	E12023**	2.6	ACLPV			65.3			55.9	57.5	68.6	79.2	35	2.1
MSU	E12034**	2.9	ACLPV			66.8			58.7	59.5	68.4	80.8	35	2.3
MSU	E12042**	2.7	ACLPV			67.6			60.8	54.6	76.1	79.1	40	3.0
MSU	E12061**	2.6	ACLPV			64.2			53.4	53.9	70.5	78.8	30	1.5
MSU	E12084**	2.7	ACLPV			62.7			56.2	50.3	65.6	78.8	39	2.1
MSU	E12140LL**	2.5	ACLPV			63.0			55.1	58.6	64.3	73.9	36	2.3
MSU	E12145LL**	2.7	ACLPV			63.8			54.6	54.7	66.4	79.7	37	2.4
MSU	E12153LL**	2.7	ACLPV			65.5			57.7	59.5	64.2	80.6	39	2.9
MSU	E12155LL**	2.8	ACLPV			65.6			57.1	60.7	66.1	78.5	41	2.8
MSU	E12247**	2.7	ACLPV			68.4			64.6	55.7	73.0	80.3	47	3.6
MSU	E12397**	2.2	ACLPV			66.6			60.6	52.5	73.3	80.2	34	2.0
Nature's Genetics	Nat. Gen. 2.4	2.4	CM,Vib			60.3	62.3	60.0	52.7	52.4	62.1	73.9	38	1.9
Rupp	RS2316	3.1	AM-C	1c	R	66.1			64.0	56.7	67.8	75.8	37	3.1
Rupp	RS2280	2.8	AM-C			64.6			56.8	54.9	69.7	77.0	38	2.4

TABLE 2. 2014 MICHIGAN SOUTH CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	YIELD (BU/AC)								
						2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE					Height
						Hillsdale	Ingham	Lenawee	St. Joseph					
Wellman	W 264	2.6	EN	1k	R	62.3	64.8	63.5	61.7	50.5	68.0	69.1	33	1.9
Wellman	W 305	3.0	EN	1c	R	57.2	60.9		58.1	46.8	59.1	64.8	39	2.8
Wellman	W 313	3.1	EN	1k/3a		69.9	70.0		67.2	56.8	70.3	85.4	37	2.4
Wellman	W 325	3.2	EN	1k	R	59.4	62.9		57.8	44.7	64.6	70.8	39	2.3
Zeeland	ZFSelect1125LL	3.0	PVO			67.2	69.8	68.2	64.9	55.0	69.0	79.9	34	1.9
Zeeland	ZFSelect1326	2.6	PVO		R	70.5	68.5	68.0	68.6	59.1	77.6	76.9	35	2.8
Zeeland	ZFSelect291LS	2.9	PVO			61.5			57.2	49.9	66.9	71.9	35	1.9
Zeeland	ZFSelect728LL	2.7	PVO			65.1			57.2	61.9	66.7	74.5	33	1.5
Zeeland	ZFSelect830LL	3.0	PVO			69.3	69.9	66.3	61.8	60.0	73.0	82.4	36	1.9
GRAND MEAN						64.0			57.5	54.3	67.7	76.1	35	2.2
Max.						70.5			68.6	62.0	77.6	85.4	47	3.6
Min.						51.4			43.3	44.7	55.1	60.0	27	1.0
LSD (0.05)						4.9			10.4	8.2	4.8	8.5		
CV (%)						9.3			10.9	9.0	4.2	6.7		

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

**Michigan State University experimental variety

TABLE 3. 2014 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.4 - 2.2),SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	YIELD (BU/AC)							
						2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE				
						Allegan	Ingham	Saginaw	Height	Lodging			
Asgrow	AG1832GENRR2Y	1.8	ACL	1k	MR3	68.3	68.6	67.1	67.5	68.8	75.5	34	1.5
Asgrow	AG1835GENRR2Y	1.8	ACL	1k	R3	71.1			74.7	70.3	76.9	36	1.3
Asgrow	AG1935GENRR2Y	1.9	ACL	1c	R3	70.7			68.5	72.7	76.0	36	1.5
Asgrow	AG2031GENRR2Y	2.0	ACL	1c	R3	71.7	68.6	67.1	72.6	71.2	77.3	39	1.7
Asgrow	AG2035GENRR2Y	2.0	ACL	1c	R3	73.3			69.4	70.8	82.2	37	2.2
Asgrow	AG2232GENRR2Y	2.2	ACL	1c	R3	68.9	67.8	67.5	67.0	67.5	73.9	40	2.5
Channel	2105R2	2.1	ACL	1c	MR3	73.0			71.3	72.6	76.5	39	2.2
Channel	2108R2	2.1	ACL	1c	R3	73.9			70.0	72.9	80.8	40	2.7
D.F.Seeds	DF5173NR2Y	1.7	ACLPV	1k	R	77.6			78.3	78.6	83.4	38	1.8
D.F.Seeds	DF5193NR2Y	1.9	ACLPV	1c	R	71.7	70.6		74.0	75.3	78.4	39	2.0
D.F.Seeds	DF5211NR2Y	2.1	ACLPV	1k	R	70.0	69.8	67.8	66.8	73.2	78.2	35	1.0
D.F.Seeds	DF5213NR2Y	2.1	ACLPV	1a	R	68.8			67.3	70.3	74.5	38	1.5
D.F.Seeds	DF5215BR2Y	2.1	ACLPV	1a/c	R	68.7			70.0	71.5	72.1	38	1.5
Dairyland	DSR-1515/R2Y	1.5	CM	1k	R	68.6	67.4		62.6	69.8	82.4	30	1.5
Dairyland	DSR-1990/R2Y	1.9	CM	1k	R	67.0			68.1	68.1	70.2	38	2.2
Dairyland	DSR-2105/R2Y	2.1	CM	1c	R	68.7	67.6	65.1	65.7	70.0	78.6	34	1.3
Dairyland	DSR-2250/R2Y	2.2	CM	1k	R	65.0	64.1		68.0	63.7	73.5	37	1.8
Dyna-Gro/CPS	36RY19	1.9	CM,Vib	1c	R	63.3	65.0	64.5	55.7	67.9	71.9	36	1.8
Dyna-Gro/CPS	S18RY25	1.8	CM,Vib	1k	R	73.5			74.2	72.0	80.3	38	2.0
Dyna-Gro/CPS	S19RY84	1.9	CM,Vib	1c	MR	69.5	66.4		72.1	71.7	72.1	36	1.5
Dyna-Gro/CPS	S20RY45	2.0	CM,Vib	1c	R	70.3			67.4	71.7	76.9	40	2.0
Dyna-Gro/CPS	S20RY94	2.0	CM,Vib	1c	R	70.8	67.4		70.7	73.1	74.3	36	1.7
Dyna-Gro/CPS	S22RY64	2.2	CM,Vib	1k	MR	67.3	67.3		69.8	68.3	72.8	32	1.3
Great Lakes	GL1689R2	1.6	PV	1c	R	74.4	70.1		73.7	74.1	82.6	34	1.3
Great Lakes	GL1829R2	1.8	PV	1k	R	75.3			72.3	79.0	79.5	36	1.7
Great Lakes	GL2039R2	2.0	PV	1c	R	69.5			66.6	68.5	75.5	37	1.5
Great Lakes	GL2289R2	2.2	PV	1c	R	71.4	72.6	69.8	67.2	72.1	77.9	37	1.5
Hyland	HS 14RYS44	1.4	CMV		R	68.8			60.8	71.4	75.5	32	1.0
Hyland	HS 15RYS45	1.5	CMV	1k	R	66.0			57.8	71.0	72.1	30	1.8
Hyland	HS 18RY09	1.8	CMV	S	S	66.7	65.7	62.7	60.6	69.9	71.3	34	1.3
Hyland	HS 18RYS13	1.8	CMV	1c	R	63.4	64.3	60.8	53.5	66.2	74.5	31	1.0
Hyland	HS 22RYS03	2.2	CMV	1c	R	69.1	67.9	66.9	63.9	74.0	75.8	34	1.0
Hyland	HX 21RYS50	2.1	CMV	1a	R	62.3			61.5	63.4	68.2	36	2.3
M&W Seeds	21R71 NRR2Y	2.1	CM		R3,14	67.2			67.4	66.4	69.3	40	2.5
Mycogen	5N206R2	2.0	AM-C,Vib,Clar	1c	R	74.4	71.3		73.1	74.4	82.0	38	1.8
Mycogen	5N223R2	2.2	AM-C,Vib,Clar	1a	R	68.6			65.1	69.6	76.5	37	1.5

TABLE 3. 2014 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.4 - 2.2),SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	YIELD (BU/AC)							
						2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE				
						Allegan	Ingham	Saginaw	Height	Lodging			
NKBrand	S17-B3	1.7	CM,AM,Vib		R	71.3			70.7	72.1	76.4	34	1.5
NKBrand	S19-Z9	1.9	CM,AM,Vib		R	66.1			66.4	63.1	72.0	40	2.2
NKBrand	S20-T6	2.0	CM,AM,Vib	1c	R	70.9	68.4		72.1	70.9	74.0	36	1.7
NKBrand	S22-S1	2.2	CM,AM,Vib	1c	R	72.1	70.1		70.2	74.3	74.0	29	1.2
NT/G2 Gen.	NT/G2 7157	1.5	SC-X	1c/6	R	66.8			55.3	69.7	72.7	32	1.0
NT/G2 Gen.	NT/G2 7204R2	2.0	SC-X	1c	R	68.5			64.9	67.7	74.0	38	1.7
NT/G2 Gen.	NT/G2 7216	2.1	SC-X	1k	R	70.2			64.4	72.2	73.8	41	1.3
Pioneer	P22T69R	2.2	A,EG,G	1k	R	69.4	67.9		64.4	67.9	75.3	36	1.3
Renk	RS175NR2	1.7	none	1k	R	71.2			62.0	73.9	77.4	36	1.8
Renk	RS183NR2	1.8	none	1c	R	64.4			54.9	66.1	71.3	32	1.2
Renk	RS195NR2	1.9	none	1c	R	71.2			65.7	74.0	75.6	35	1.3
Renk	RS213NR2	2.1	CM,O	1c	R	72.7			73.2	70.6	75.8	39	1.7
Renk	RS224NR2	2.2	none	1k	R	65.5			55.2	66.5	72.5	37	1.5
Rupp	RS7184	1.8	AM-C	1k	R	69.7	67.7		62.1	72.0	78.8	33	1.0
Rupp	RS7212	2.1	AM-C	1c	R	65.5	65.6		64.2	63.0	70.1	38	1.7
Rupp	RS7222	2.2	AM-C	1c	R	67.4			64.4	68.4	73.2	36	1.8
Rupp	RS7205	2.0	AM-C	1a	R	72.7			69.4	74.2	76.1	37	2.0
Rupp	RS7198	1.8	AM-C	1k	R	71.9			61.6	72.2	83.2	35	2.0
Specialty	2033CR2	2.0	ACL,P	1c	R	72.2			69.0	68.9	78.8	35	2.0
Specialty	2164CR2	2.1	ACL,P	1c	R	76.8			72.9	74.9	81.6	41	2.2
Steyer	2001R2	2.0	AM-C,Vib	1c	R	71.9			70.8	73.7	72.2	38	2.0
GRAND MEAN						69.8			66.8	70.7	75.7	36	1.7
Max.						77.6			78.3	79.0	83.4	41	2.7
Min.						62.3			53.5	63.0	68.2	29	1.0
LSD (0.05)						5.0			8.0	6.6	7.0		
CV (%)						7.6			6.2	5.6	5.6		

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

TABLE 4. 2014 MICHIGAN CENTRAL ROUND-UP READY / Late Maturity, (2.3 - 3.0),SOYBEAN VARIETY TRIAL REPORT

		YIELD (BU/AC)											
BRAND	VARIETY	Mat Group	TMT*	Phyto Res	SCN	2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE				
									Allegan	Ingham	Saginaw	Height	Lodging
Asgrow	AG2433GENRR2Y	2.4	ACL	1c	MR3	65.3	64.0	63.9	61.5	62.1	72.5	38	1.5
Asgrow	AG2535GENRR2Y	2.5	ACL	1k	R3	67.3			61.7	61.5	78.7	38	1.5
Asgrow	AG2632GENRR2Y	2.6	ACL	1a	MR3	67.7	65.5	67.3	66.1	66.3	70.8	39	1.8
Asgrow	AG2835GENRR2Y	2.8	ACL	1c	R3	69.2			65.8	68.2	73.5	41	2.2
Asgrow	AG2935GENRR2Y	2.9	ACL	1c	R3	64.5			63.0	62.5	68.0	39	2.2
Asgrow	AG3034GENRR2Y	3.0	ACL	1c	R3	67.0	65.7		65.8	65.9	69.3	40	1.7
Channel	2306R2	2.3	ACL	1k	R3	68.7			65.2	64.3	76.5	37	1.5
D.F.Seeds	DF5242R2Y	2.4	ACL PV	1c	S	71.3	70.3	69.6	70.3	72.0	71.6	36	1.7
D.F.Seeds	DF5244NR2Y	2.4	ACL PV		R	69.6			64.8	67.9	76.2	41	1.5
D.F.Seeds	DF5252NR2Y	2.5	ACL PV	1c/k	R	70.1	68.3	68.4	69.6	66.0	74.8	39	2.5
D.F.Seeds	DF5263R2Y/STS	2.5	ACL PV	1c	S	65.4	64.6	65.8	57.9	69.8	68.5	40	1.3
D.F.Seeds	DF5282NR2Y	2.8	ACL PV	1a	R	68.6	66.1		63.0	67.1	75.8	39	1.5
Dairyland	DSR-2411/R2Y	2.4	CM	1c	S	67.9	67.4	67.0	64.8	70.0	68.9	36	1.3
Dairyland	DSR-2612/R2Y	2.6	CM	1k	R	65.5	62.7		59.0	65.7	71.9	37	1.0
Dairyland	DSR-2909/R2Y	2.9	CM	1a	R	69.7			65.2	68.7	75.3	37	1.2
Dairyland	DST26-005/R2Y	2.6	CM	3a	MR	65.1			62.7	60.6	71.9	38	1.3
Dyna-Gro/CPS	38RY28	2.8	CM,Vib	1c	R	62.2	62.6		60.0	63.6	63.2	40	2.0
Dyna-Gro/CPS	S24RY65	2.4	CM,Vib	S	R	65.9			61.2	64.4	72.2	39	1.2
Dyna-Gro/CPS	S25RY44	2.5	CM,Vib	1k	R	69.4	65.6		63.0	70.6	74.7	36	1.2
Dyna-Gro/CPS	S26RS75	2.6	CM,Vib	1c	R	65.5			61.4	63.4	71.7	35	1.8
Dyna-Gro/CPS	S23RY85	2.3	CM,Vib	1c	R	65.9			61.2	63.8	72.8	36	1.3
Great Lakes	GL2469R2	2.4	PV	1c	R	66.8			62.9	64.1	73.3	38	1.2
Great Lakes	GL2569R2	2.5	PV	1c	R	66.2	63.9	63.6	57.3	65.6	75.7	40	1.5
Great Lakes	GL2789R2	2.7	PV	1c	R	65.7			61.1	68.5	67.5	43	2.2
Great Lakes	GL2869R2	2.8	PV	1k	R	64.9			56.8	66.2	71.9	36	1.2
Great Lakes	GL3059R2	3.0	PV	1k	R	64.9			61.9	59.8	73.0	41	1.8
Hyland	5A255RR2	2.5	CMV		R	71.3			68.3	73.5	72.2	42	2.0
Hyland	HS 24RY05	2.4	CMV	S		69.8	68.5	66.6	64.7	69.6	75.1	37	1.2
Hyland	HS 25RYS47	2.5	CMV		R	64.3			61.0	62.9	69.2	36	1.0
Hyland	HS 26RYS16	2.6	CMV	1c	R	64.3	64.5	66.6	61.6	63.9	67.5	38	1.5
Hyland	HS 27RYS34	2.7	CMV	S	R	62.6	63.7	64.1	57.6	62.7	67.7	36	1.8
Hyland	HS 28RYS48	2.8	CMV	1c	R	61.8			58.6	61.9	65.0	37	2.3
Hyland	HX 25RYS52	2.5	CMV	1k	R	61.8			59.5	60.0	66.0	42	2.7
M&W Seeds	23X34 NRR2Y	2.3	CM	1k	R3,14	69.8	67.0	64.9	61.5	73.9	74.0	36	1.2
M&W Seeds	26Y82 NRR2Y	2.6	CM	1c	R3,14	65.9	65.2		58.4	62.9	76.5	38	1.5
M&W Seeds	26Z41 NRR2Y	2.6	CM	1k	R3,14	70.9	66.9		59.4	72.6	80.7	37	1.5

**TABLE 4. 2014 MICHIGAN CENTRAL ROUND-UP READY / Late Maturity, (2.3 - 3.0),SOYBEAN VARIETY TRIAL REPORT
YIELD (BU/AC)**

BRAND	VARIETY	Mat Group	TMT*	Phyto Res	SCN	2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE				
									Alleghan	Ingham	Saginaw	Height	Lodging
M&W Seeds	28Z10 NRR2Y	2.8	CM		R3,14	65.3			63.4	63.4	69.1	38	1.7
Mycogen	5N244R2	2.4	AM-C,Vib,Clar	1c	R	65.3			63.3	66.7	66.0	40	2.3
NKBrand	S24-K2	2.4	CM,AM,Vib	1c	R	64.5	64.3	65.2	59.5	60.3	73.8	37	1.5
NKBrand	S25-E5	2.5	CM,AM,Vib	1c	R	65.5	64.2		62.3	67.3	67.0	36	1.8
NKBrand	S26-P3	2.7	CM,AM,Vib		R	67.4			62.4	65.6	74.1	36	1.8
NKBrand	S27-J7	2.8	CM,AM,Vib	1k	R	63.0			59.5	62.3	67.4	40	1.7
NuTech/G2 Gen.	NT/G2 7233	2.3	SC-X	1k	R	62.1			59.6	54.8	72.0	36	1.5
NuechT/G2 Gen.	NT/G2 7240	2.4	SC-X	1k	R	62.1	61.4		59.3	53.8	73.3	37	1.0
NuTech/G2 Gen.	NT/G2 7250	2.5	SC-X	1k	R	63.0	63.2	63.7	59.1	60.8	69.1	35	1.2
NuTech/G2 Gen.	NT/G2 7261	2.6	SC-X	1c	R	65.1	63.8		63.4	62.1	69.9	39	1.0
NuTech/G2 Gen.	NT/G2 7273	2.7	SC-X	1k	R	65.2	64.2	65.3	64.4	58.0	73.4	37	1.2
NuTech/G2 Gen.	NT/G2 7290	2.9	SC-X	1k	R	60.4	59.9		57.5	56.3	67.5	39	1.2
NuTech/G2 Gen.	NT/G2 7310	3.1	SC-X	1k	R	58.4	59.8		56.9	53.0	65.2	40	1.3
Pioneer	92Y51	2.5	A,EG,G	1k	R	65.8	63.4	63.3	60.5	65.3	71.5	41	1.2
Pioneer	92Y83	2.8	A,EG,G	1k	R	64.4	64.2	63.8	60.3	62.4	70.5	41	1.5
Pioneer	P24T05R	2.4	A,EG,G	1k	R	66.3			66.0	59.9	73.0	36	1.0
Pioneer	P26T76R	2.6	A,EG,G	1k	R	65.8	64.0		61.2	64.2	71.9	40	1.2
Pioneer	P27T87R2	2.7	A,EG,G	1k	R	59.6			56.1	57.1	65.6	38	2.2
Renk	RS241NR2	2.4	CM,O	1c	S	65.4	63.4	63.0	57.8	66.2	72.0	37	1.0
Rupp	RS7245	2.4	AM-C		R	69.0			63.3	68.9	74.6	40	1.7
Specialty	2480CR2	2.4	ACL,P	1c	R	64.0	63.5		61.0	60.8	70.1	39	2.2
Specialty	2564CR2	2.5	ACL,P	1c	R	69.3			67.5	69.0	71.4	41	2.5
Specialty	2720CR2	2.7	ACL,P	1c	R	63.3			58.2	59.0	72.8	42	1.5
Steyer	2403R2	2.4	AM-C,Vib		R	67.1			61.1	66.5	73.6	39	1.3
Steyer	2604R2	2.6	AM-C,Vib	1a	R	67.1			65.4	62.3	73.7	39	1.5
Steyer	2805R2	2.8	AM-C,Vib	1a	R	66.1	65.3		62.1	62.2	74.0	38	1.2
GRAND MEAN						65.9			61.8	64.2	71.6	38	1.6
Max.						71.3			70.3	73.9	80.7	43	2.7
Min.						58.4			56.1	53.0	63.2	35	1.0
LSD (0.05)						4.6			8.6	8.5	6.5		
CV (%)						7.3			8.4	8.0	5.5		

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

**TABLE 5. 2014 MICHIGAN SOUTHERN ZONE ROUND-UP READY / Early Maturity, (1.9 - 2.7),SOYBEAN VARIETY TRIAL REPORT
YIELD (BU/AC)**

BRAND	VARIETY	Mat Group	TMT*	Phyto Res	SCN	2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE					
									Hillsdale	Ingham	Lenawee	St.Joseph	Height	Lodging
Asgrow	AG2433GENRR2Y	2.4	ACL	1c	MR3	68.3	68.9	66.6	57.2	62.8	75.8	77.4	33	1.0
Asgrow	AG2535GENRR2Y	2.5	ACL	1k	R3	71.2			56.9	67.8	78.2	82.0	34	1.1
Asgrow	AG2632GENRR2Y	2.6	ACL	1a	MR3	70.3	72.4	70.9	61.1	64.1	75.4	80.7	33	1.4
Channel	2402R2	2.4	ACL	1c	S	71.9			57.6	66.8	77.3	86.0	32	1.0
Channel	2408R2	2.4	ACL	1c	R3	69.5			56.3	69.3	74.4	77.8	35	1.3
D.F.Seeds	DF5242R2Y	2.4	ACL	1c	S	72.5	76.1	73.0	56.1	70.1	77.5	86.4	31	1.0
D.F.Seeds	DF5244NR2Y	2.4	ACL	1c	R	67.2			54.2	65.3	70.9	78.6	35	1.1
D.F.Seeds	DF5252NR2Y	2.5	ACL	1c/k	R	70.8	72.0	69.8	60.6	66.6	75.7	80.5	35	1.8
D.F.Seeds	DF5263R2Y/STS	2.5	ACL	1c	S	72.8	74.7	72.4	57.9	68.7	77.2	87.3	33	1.0
Dairyland	DSR-1990/R2Y	1.9	CM	1k	R	67.1			58.5	64.6	69.1	76.3	36	1.4
Dairyland	DSR-2105/R2Y	2.1	CM	1c	R	64.9	66.3	64.5	53.1	66.2	67.5	73.0	33	1.1
Dairyland	DSR-2250/R2Y	2.2	CM	1k	R	66.5	67.3		57.4	65.6	68.5	74.4	33	1.5
Dairyland	DSR-2411/R2Y	2.4	CM	1c	S	73.1	76.3	73.5	63.4	69.8	73.5	85.7	33	1.3
Dairyland	DSR-2612/R2Y	2.6	CM	1k	R	66.7	68.4		59.0	58.5	73.3	76.0	35	1.1
Dairyland	DST26-005/R2Y	2.6	CM	3a	MR	69.5			63.3	62.9	70.3	81.6	34	1.3
Dyna-Gro/CPS	S24RY65	2.4	CM,Vib	S	R	67.4			58.6	64.5	70.0	76.5	35	1.3
Dyna-Gro/CPS	S25RY44	2.5	CM,Vib	1k	R	71.1	73.1		58.1	70.0	77.0	79.3	33	1.5
Dyna-Gro/CPS	S26RS75	2.6	CM,Vib	1c	R	67.6			59.1	64.1	70.7	76.4	35	1.6
Dyna-Gro/CPS	S23RY85	2.3	CM,Vib	1c	R	72.4			65.2	70.0	75.5	78.9	36	1.5
Great Lakes	GL2039R2	2.0	PV	1c	R	71.6			63.1	71.1	74.7	77.6	34	1.3
Great Lakes	GL2289R2	2.2	PV	1c	R	68.4	70.4	67.9	54.1	71.3	73.1	75.0	34	1.4
Great Lakes	GL2469R2	2.4	PV	1c	R	72.9			61.4	72.1	76.2	82.0	38	1.4
Great Lakes	GL2569R2	2.5	PV	1c	R	66.4	67.4	66.8	59.1	68.0	70.7	67.7	38	1.8
Great Lakes	GL2789R2	2.7	PV	1c	R	71.1			62.7	65.4	73.3	82.8	40	2.0
Hyland	5A255RR2	2.5	CMV		R	70.1			53.7	69.0	78.4	79.3	40	2.1
Hyland	HS 22RYS03	2.2	CMV	1c	R	67.6	69.4	67.1	59.2	70.5	69.1	71.6	32	1.1
Hyland	HS 24RY05	2.4	CMV	S	S	72.8	73.3	72.5	58.1	72.1	76.4	84.8	33	1.5
Hyland	HS 25RYS47	2.5	CMV		R	65.6			53.8	61.6	69.0	78.2	34	1.3
Hyland	HS 26RYS16	2.6	CMV	1c	R	65.9	69.2	68.2	61.1	64.9	67.6	69.9	37	1.9
Hyland	HS 27RYS34	2.7	CMV	S	R	64.7	67.2	64.8	57.3	63.6	68.8	69.2	34	1.9
Hyland	HX 25RYS52	2.5	CMV	1k	R	65.9			62.1	63.3	66.2	71.9	36	2.3
M&W Seeds	23X34 NRR2Y	2.3	CM	1k	R3,14	70.0	69.7	67.5	59.2	69.7	71.9	79.2	34	1.1
M&W Seeds	26Y82 NRR2Y	2.6	CM	1c	R3,14	69.4	71.3		61.2	64.4	73.4	78.8	36	1.6
M&W Seeds	26Z41 NRR2Y	2.6	CM	1k	R3,14	71.1	71.4		56.9	68.1	78.2	81.1	36	2.0
NKBrand	S26-P3	2.7	CM,AM,Vib		R	70.5			62.1	63.6	75.1	81.2	38	2.1
NuTech/G2 Gen.	NT/G2 7204R2	2.0	SC-X	1c	R	65.9			55.7	64.2	68.2	75.4	34	1.6
NuTech/G2 Gen.	NT/G2 7216	2.1	SC-X	1k	R	67.2			65.4	61.8	73.4	68.3	40	1.5
NuTech/G2 Gen.	NT/G2 7233	2.3	SC-X	1k	R	63.5			58.0	62.8	66.5	66.9	36	1.8

**TABLE 5. 2014 MICHIGAN SOUTHERN ZONE ROUND-UP READY / Early Maturity, (1.9 - 2.7),SOYBEAN VARIETY TRIAL REPORT
YIELD (BU/AC)**

BRAND	VARIETY	Mat Group	TMT*	Phyto Res	SCN	2014			2014 AVERAGE					
						AVG	13-14 AVG	12-14 AVG	Hillsdale	Ingham	Lenawee	St.Joseph	Height	Lodging
NuTech/G2 Gen.	NT/G2 7240	2.4	SC-X	1k	R	70.3	72.0		64.6	65.9	68.1	82.7	37	1.5
NuTech/G2 Gen.	NT/G2 7250	2.5	SC-X	1k	R	68.7	70.6	68.9	58.1	64.9	70.1	81.9	36	1.5
NuTech/G2 Gen.	NT/G2 7261	2.6	SC-X	1c	R	66.8	67.3		66.8	60.4	66.8	73.3	39	1.5
NuTech/G2 Gen.	NT/G2 7273	2.7	SC-X	1k	R	68.2	69.5	68.7	55.5	64.9	72.8	79.6	36	1.5
Pioneer	92Y51	2.5	A,EG,G	1k	R	68.1	67.3	64.6	63.2	72.2	67.3	69.6	38	1.5
Pioneer	P26T76R	2.6	A,EG,G	1k	R	66.2	68.8		57.1	60.2	72.3	75.3	38	1.5
Pioneer	P27T87R2	2.7	A,EG,G	1k	R	66.6			61.8	56.5	70.6	77.6	37	1.8
Renk	RS205NR2	2.0	none	1k	R	67.7			61.6	61.1	71.0	77.0	38	2.0
Renk	RS241NR2	2.4	CM,O	1c	S	72.9	73.8	71.6	63.5	68.7	74.7	85.0	35	1.6
Renk	RS263NR2	2.6	CM,O	1k	R	72.8			61.0	72.4	77.4	80.5	37	1.4
Renk	RS265NR2	2.6	none	3a	R	71.2			62.1	63.5	73.9	85.4	36	1.5
Rupp	RS7251	2.5	AM-C	1c	R	68.4			65.2	65.1	69.6	73.7	37	2.3
Rupp	RS7262	2.6	AM-C	1k	R	65.4	67.8	66.0	55.9	63.6	68.2	74.1	35	1.8
Seed Consultants	SCS 9213RR™	2.1	ALL,EG,G	1c	R	66.1	67.4		56.5	64.1	68.5	75.4	39	1.5
Seed Consultants	SCS 9273RR™	2.7	ALL,EG,G	1k	R	69.6	70.9		64.4	62.6	72.8	78.5	35	1.5
Specialty	2033CR2	2.0	ACL,P	1c	R	67.8			63.0	61.2	70.5	76.5	34	1.8
Specialty	2164CR2	2.1	ACL,P	1c	R	75.1			61.3	73.4	80.2	85.6	40	2.0
Specialty	2480CR2	2.4	ACL,P	1c	R	66.8	67.6		61.9	62.4	71.3	71.7	36	2.0
Specialty	2564CR2	2.5	ACL,P	1c	R	70.5			67.6	71.1	73.6	69.6	41	2.3
Specialty	2720CR2	2.7	ACL,P	1c	R	68.9			59.1	63.0	75.3	78.2	38	1.6
Steyer	2604R2	2.6	AM-C,Vib	1a	R	70.2			65.5	60.8	71.5	83.1	37	1.4
Wellman	W 4326	2.6	EN	1k	R	63.3	67.1	66.4	55.5	60.8	66.9	69.9	35	1.9
Wellman	W 4525	2.5	EN	3a		71.9			73.4	58.9	69.0	86.1	36	1.8
GRAND MEAN						68.9			60.0	65.6	72.3	77.8	36	1.5
Max.						75.1			73.4	73.4	80.2	87.3	41	2.3
Min.						63.3			53.1	56.5	66.2	66.9	31	1.0
LSD (0.05)						4.3			13.0	8.4	4.1	6.8		
CV (%)						7.6			13.1	7.7	3.4	5.3		

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

**TABLE 6. 2014 MICHIGAN SOUTHERN ZONE ROUND-UP READY / Late Maturity, (2.8 - 3.4), SOYBEAN VARIETY TRIAL REPORT
YIELD (BU/AC)**

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE					
									Hillsdale	Ingham	Lenawee	St. Joseph	Height	Lodging
Asgrow	AG2835GENRR2Y	2.8	ACL	1c	R3	71.2			59.3	63.8	75.6	86.3	35	1.3
Asgrow	AG2935GENRR2Y	2.9	ACL	1c	R3	68.9			63.7	61.1	72.2	78.8	35	1.4
Asgrow	AG3034GENRR2Y	3.0	ACL	1c	R3	69.5	74.6		56.9	63.3	74.9	83.1	36	1.3
Asgrow	AG3231GENRR2Y	3.2	ACL	1c	R3	66.8	71.4	71.2	58.3	56.7	72.2	80.1	37	1.4
Asgrow	AG3334GENRR2Y	3.3	ACL	1c	MR3	67.4			58.8	57.7	73.2	80.2	37	1.6
Channel	2903R2	2.9	ACL	1c	R3,MR14	66.0	69.0	68.7	61.8	60.2	71.1	71.1	36	1.8
D.F.Seeds	DF5282NR2Y	2.8	ACL PV	1a	R	72.0	75.9		69.1	62.5	73.5	82.9	36	1.9
D.F.Seeds	DF5303NR2Y	3.1	ACL PV	1c	R	69.2	72.0	71.9	64.7	63.5	73.0	75.7	36	2.3
Dairyland	DSR-2909/R2Y	2.9	CM	1a	R	74.2			68.7	67.5	74.6	86.0	36	1.8
Dairyland	DSR-3040/R2Y	3.0	CM	1c	R	70.9			66.6	62.1	74.0	80.8	37	2.4
Dyna-Gro/CPS	37RY33	3.3	CM,Vib	1c	R	66.6	72.0	71.5	63.2	57.5	70.4	75.5	40	1.9
Dyna-Gro/CPS	38RY28	2.8	CM,Vib	1c	R	66.8	70.6	70.9	61.4	62.3	68.8	74.7	39	1.9
Dyna-Gro/CPS	S29RY05	2.9	CM,Vib	1k	R	70.1			62.6	62.4	72.3	83.4	39	2.0
Dyna-Gro/CPS	S32RY95	3.2	CM,Vib	1k	R	68.2			54.9	62.6	73.4	81.8	37	1.8
Great Lakes	GL2869R2	2.8	PV	1k	R	66.0			53.6	61.4	72.2	76.9	33	1.4
Great Lakes	GL3059R2	3.0	PV	1k	R	70.0			60.5	63.0	72.0	84.7	38	2.0
Hyland	HS 28RYS48	2.8	CMV	1c	R	65.7			60.2	57.8	69.5	75.4	35	1.6
Hyland	HX 30RYS53	3.0	CMV	1a	R	65.4			60.2	58.8	69.2	73.4	37	1.5
M&W Seeds	28Z10 NRR2Y	2.8	CM		R3,14	69.2			69.7	63.8	71.8	71.7	36	1.6
M&W Seeds	31V31 NRR2Y	3.1	CM	1c	R3,14	68.2	72.2		63.6	61.0	71.7	76.7	36	1.9
M&W Seeds	33M33 NRR2Y	3.3	CM		R3,14	65.5			63.2	58.6	68.0	72.4	38	2.3
Mycogen	5N284R2	2.8	AM-C,Vib,Clar	1c	R	65.9	70.4	70.3	59.9	61.6	68.1	74.0	39	1.6
Mycogen	5N312R2	3.1	AM-C,Vib,Clar	1c	R	69.7			64.1	62.6	73.1	79.2	37	2.1
NKBrand	S27-J7	2.8	CM,AM,Vib	1k	R	67.7			59.8	62.3	71.4	77.4	39	2.0
NKBrand	S28-A2	2.8	CM,AM,Vib	1c	R	69.9			60.1	64.6	75.2	79.9	37	1.9
NKBrand	S29-G4	2.9	CM,AM,Vib	1c	R	64.6			57.4	59.9	66.5	74.6	38	2.0
NKBrand	S30-C1	3.0	CM,AM,Vib		R	66.2			57.3	58.8	71.2	77.6	33	1.4
NKBrand	S31-R2	3.1	CM,AM,Vib	1c	R	65.1			61.6	55.5	65.0	78.4	38	2.4
NuTech/G2 Gen.	NT/G2 7290	2.9	SC-X	1k	R	63.9	66.8	67.0	57.3	55.6	66.6	76.0	35	1.1
NuchTe/G2 Gen.	NT/G2 7310	3.1	SC-X	1k	R	60.1	67.2	66.7	56.9	44.9	63.4	75.4	39	1.8
NuTech/G2 Gen.	NT/G2 7334	3.3	SC-X	1k	R	63.1			56.0	56.4	65.4	74.9	37	1.5
Pioneer	92Y83	2.8	A,EG,G	1k	R	67.6	68.6	68.1	62.1	58.4	69.3	80.4	36	1.1
Pioneer	P32T25R2	3.2	A,EG,G	1k	R	64.1			52.5	55.8	70.0	78.1	35	1.4
Pioneer	P33T72R	3.3	A,EG,G	1k	R	66.7			59.5	54.8	70.9	81.6	36	1.4
Renk	RS295NR2	2.9	none	1k	R	68.7			65.7	57.8	70.5	80.7	37	1.5
Rupp	RS7283	2.8	AM-C	1c	R	70.1	73.6		69.0	61.0	72.5	78.1	35	1.5
Rupp	RS7326	3.2	AM-C	1c	R	67.0	72.6	71.6	59.5	60.2	71.7	76.8	37	2.3
Rupp	RS7332	3.3	AM-C	1k	R	71.3	74.3		69.5	62.1	72.1	81.5	39	2.0
Rupp	RS7317	3.1	AM-C	1c	R	62.4			56.9	51.8	65.4	75.5	35	1.1
Seed Consultants	SCS 9295RR™	2.9	ALL,EG,G	1k	R	65.3			60.4	54.9	66.3	79.8	36	1.4

**TABLE 6. 2014 MICHIGAN SOUTHERN ZONE ROUND-UP READY / Late Maturity, (2.8 - 3.4), SOYBEAN VARIETY TRIAL REPORT
YIELD (BU/AC)**

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	2014 AVERAGE								
						2014 AVG	13-14 AVG	12-14 AVG	Hillsdale	Ingham	Lenawee	St.Joseph	Height	Lodging
Seed Consult.	SCS 9314RR™	3.1	ALL,EG,G	1k	R	67.4	72.2		62.2	57.3	69.7	80.5	42	1.9
Specialty	3200CR2	3.2	ACL,P	1k/3a	R	69.6	74.7	72.7	63.6	59.5	73.3	81.9	40	2.3
Specialty	3284CR2	3.2	ACL,P	1c	R	70.0			66.4	62.4	73.2	77.9	39	1.6
Specialty	3364CR2	3.3	ACL,P	1c	R	66.2			63.6	60.3	66.8	74.3	41	1.8
Steyer	2805R2	2.8	AM-C,Vib	1a	R	69.8	74.0		62.2	64.3	71.8	81.1	35	1.6
Steyer	3205R2	3.2	AM-C,Vib	1k	R	72.1	76.6	74.6	69.6	63.3	72.4	82.9	39	2.0
Steyer	3403R2	3.4	AM-C,Vib	1c	R	67.0	73.8		65.6	54.7	68.3	79.6	41	2.0
Wellman	W 4332	3.2	EN	1c	R	66.6	71.1	71.4	66.9	54.0	70.1	75.3	37	2.1
Wellman	W 4528	2.8	EN	1c	R	69.1			66.4	61.8	68.0	80.3	34	1.3
Wellman	W 4529	2.9	EN	1a	R	71.7			66.8	65.1	73.0	82.1	34	1.9
GRAND MEAN						67.7			62.0	59.8	70.7	78.5	37	1.7
Max.						74.2			69.7	67.5	75.6	86.3	42	2.4
Min.						60.1			52.5	44.9	63.4	71.1	33	1.1
LSD (0.05)						3.6			10.7	5.7	3.9	6.9		
CV (%)						6.4			10.4	5.7	3.3	5.3		

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

TABLE 7. 2014 MICHIGAN LIBERTY LINK CENTRAL SOYBEAN TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	YIELD (BU/AC)							
						2014	13-14	11-14	2014 AVERAGE			Height	Lodging
						AVG	AVG	AVG	Allegan	Ingham	Saginaw		
D.F.Seeds	DF EX 2.3 NLL	2.3	ACLPV	1k	R	66.8			59.0	63.0	78.5	36	2.3
D.F.Seeds	DF9182NLL	1.8	ACLPV		R	59.3	59.0		60.5	44.7	75.3	31	1.3
D.F.Seeds	DF9221NLL	2.2	ACLPV	1k	R	67.3	63.7	62.9	67.7	55.8	79.1	32	2.0
D.F.Seeds	DF9251NLL	2.5	ACLPV	1k	R	63.0	62.1	63.7	60.7	53.1	75.5	35	1.7
D.F.Seeds	DF9261LL	2.7	ACLPV	1k	S	63.8	62.1	64.0	55.6	59.7	77.9	37	2.7
D.F.Seeds	DF9291NLL	2.9	ACLPV	1c	R	58.9			50.5	57.0	71.0	38	2.5
Dyna-Gro/CPS	S19LL05	1.9	CM,Vib	S	MR	61.7			60.7	56.2	70.2	34	1.7
Dyna-Gro/CPS	S22LL65	2.2	CM,Vib	1k	MR	66.5			63.7	58.3	77.0	36	1.7
Dyna-Gro/CPS	S25LL85	2.5	CM,Vib	1k	MR	65.2			60.0	61.1	73.5	34	2.0
Great Lakes	GL2239LL	2.2	PV	1k	R	67.0			66.5	59.0	75.5	33	2.0
Great Lakes	GL2579LL	2.5	PV	1k	R	62.9			57.3	56.5	75.5	34	1.5
MCIA	1814NLL	1.8	Vib			59.8			57.7	51.8	74.2	30	1.3
MCIA	2212LL	2.2	Vib	1k		66.3	62.6	62.7	63.4	61.5	76.5	34	1.7
MCIA	2314NLL	2.3	Vib			62.4			61.9	56.6	78.0	34	1.8
MCIA	2409LL	2.4	Vib			57.6	57.5	59.2	55.0	49.8	69.9	34	2.2
MCIA	2512LL	2.5	Vib	1k		65.1	62.8		60.2	61.2	76.3	34	1.7
NuTech/G2 Gen.	NT/G2 3153L	1.5	SC-X	1c	R	52.2			55.0	37.1	71.7	30	1.0
NuTech/G2 Gen.	NT/G2 3181L	1.8	SC-X		R	52.6	51.5		51.0	36.5	73.1	30	1.5
NuTech/G2 Gen.	NT/G2 3223L	2.2	SC-X	1k	R	66.0	61.5	62.2	62.5	57.8	78.2	34	2.0
NuTech/G2 Gen.	NT/G2 3243L	2.4	SC-X	1k	R	60.2	58.7	60.9	57.0	52.6	74.6	34	1.5
NuTech/G2 Gen.	NT/G2 3248L	2.6	SC-X	1k	R	60.1	58.1	61.1	56.4	54.1	70.5	37	1.8
NuTech/G2 Gen.	NT/G2 3273L	2.7	SC-X	1k	R	54.6	54.9	58.0	55.4	43.6	65.1	35	1.7
Steyer	2402L	2.4	AM-C,Vib	1k	R	66.4			65.8	55.9	79.5	34	1.8
Steyer	2804L	2.8	AM-C,Vib	1k	R	56.5			49.9	46.7	73.6	36	2.0
GRAND MEAN						61.8			58.9	53.7	74.6	34	1.8
Max.						67.3			67.7	63.0	79.5	38	2.7
Min.						52.2			49.9	36.5	65.1	30	1.0
LSD (0.05)						5.6			10.9	12.1	4.8		
CV (%)						9.5			9.4	13.3	3.8		

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

TABLE 8. 2014 MICHIGAN LIBERTY LINK SOUTH SOYBEAN TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	YIELD (BU/AC)								
						2014 AVG	13-14 AVG	12-14 AVG	2014 AVERAGE					
									Hillsdale	Ingham	Lenawee	St.Joseph	Height	Lodging
D.F.Seeds	DF EX 2.3 NLL	2.3	ACLPV	1k	R	71.7			68.3	52.7	80.1	86.0	35	1.4
D.F.Seeds	DF9221NLL	2.2	ACLPV	1k	R	72.9			66.3	59.6	77.8	88.0	33	1.6
D.F.Seeds	DF9251NLL	2.5	ACLPV	1k	R	71.9	71.4	71.8	64.1	56.7	77.1	89.9	35	1.6
D.F.Seeds	DF9261LL	2.7	ACLPV	1k	S	76.7	74.2	75.7	66.4	66.6	81.1	92.8	39	2.3
D.F.Seeds	DF9291NLL	2.9	ACLPV	1c	R	72.0			65.5	56.3	76.8	89.5	40	2.5
D.F.Seeds	DF9311NLL	3.1	ACLPV	1k	R	69.8	71.6	74.3	62.6	59.7	74.1	82.8	34	1.5
Dyna-Gro/CPS	S25LL85	2.5	CM,Vib	1k	MR	71.8			66.9	55.3	76.4	88.7	35	1.8
Dyna-Gro/CPS	S27LL55	2.7	CM,Vib	1k	R	65.6			59.0	45.4	70.7	87.4	38	1.9
Great Lakes	GL2239LL	2.2	PV	1k	R	73.4			65.4	61.6	78.7	88.1	35	1.9
Great Lakes	GL2579LL	2.5	PV	1k	R	71.8			65.2	59.9	76.6	85.6	36	1.8
Great Lakes	GL2879LL	2.8	PV	1k	R	63.8			57.1	43.2	71.7	83.3	39	2.0
MCIA	2212LL	2.2	Vib	1k		72.5	72.2	71.5	65.8	61.4	78.2	84.7	35	1.8
MCIA	2314NLL	2.3	Vib			70.1			64.9	46.7	79.1	89.8	36	1.4
MCIA	2409LL	2.4	Vib			67.9	67.3	67.4	64.0	53.6	71.5	82.6	36	1.8
MCIA	2512LL	2.5	Vib	1k		71.2	71.4	71.6	67.4	52.5	76.9	88.1	36	1.5
MCIA	3011LL	3.0	Vib			71.8	71.3	73.5	66.9	54.1	74.9	91.5	39	2.1
MCIA	3113LL	3.1	Vib	1k		70.0			62.6	56.1	73.8	87.7	36	1.8
NuTech/G2 Gen.	NT/G2 3223L	2.2	SC-X	1k	R	71.2			64.3	57.9	77.9	84.6	36	1.8
NuTech/G2 Gen.	NT/G2 3243L	2.4	SC-X	1k	R	69.6			66.3	49.1	75.8	87.1	36	1.8
NuTech/G2 Gen.	NT/G2 3248L	2.6	SC-X	1k	R	68.6			64.8	53.7	70.4	85.4	41	1.8
NuTech/G2 Gen.	NT/G2 3273L	2.7	SC-X	1k	R	66.0	67.9	71.1	58.7	50.9	72.7	81.8	39	2.0
NuTech/G2 Gen.	NT/G2 3323L	3.2	SC-X	1k	R	65.9	67.0	71.5	60.5	51.3	69.5	82.2	37	1.5
Steyer	2402L	2.4	AM-C,Vib	1k	R	72.7			65.7	55.2	77.5	92.5	38	1.5
Steyer	2804L	2.8	AM-C,Vib	1k	R	65.3			58.8	45.5	73.3	83.6	38	2.0
GRAND MEAN						70.2			64.1	54.4	75.5	86.8	37	1.8
Max.						76.7			68.3	66.6	81.1	92.8	41	2.5
Min.						63.8			57.1	43.2	69.5	81.8	33	1.4
LSD (0.05)						3.6			7.5	9.0	4.2	8.1		
CV (%)						6.2			6.9	9.8	3.3	5.5		

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

2014 MICHIGAN WHITE MOLD SOYBEAN PERFORMANCE REPORT

Sanilac County Location: Central Conventional, Central RR Early, Central RR Late & Central Liberty Link
D. WANG, J. F. BOYSE and R.G.LAURENZ, DEPT. OF PLANT SOIL & MICROBIAL SCIENCES

This report provides information on the performance of soybean varieties when challenged with white mold, which is also known as Sclerotinia stem rot.

TESTING PROCEDURES

The Sanilac County site had a high level of white mold infestation and was rated for disease severity. This site was not averaged into the central zone. 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).

TEST SITE INFORMATION

Sanilac County

Nearest city: Sandusky
Cooperator: Gerstenberger Farms, Inc.
Planting date: 5-31-14
Harvest date: 10-30-14
Previous crop: Wheat
Soil type: Parkhill Clay Loam
Fertilizer: Fall Potash
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

USING THE DATA

Results are presented in Table 9, Table 10, Table 11 and Table 12. These evaluations were done to provide information on the relative susceptibility of varieties to white mold. Although no varieties have been identified that have complete resistance to the disease, there are varieties that have lower infection rates than others when the disease is present. The selection of varieties that have low infection rates and high yields can help growers profitably in fields where white mold infections occur.

The following traits were rated using the procedures outlined in the Michigan Central and Southern Conventional Soybean Variety Trial Report: yield, height, and lodging. White mold levels were determined by rating 30 random plants in the center rows of each plot. Each plant was rated on a

scale of 0 to 3 with 0 = no infection, 1 = infection only on branches, 2 = infection on the main stem but pod fill was normal, and 3 = infection on the main stem resulted in plant death and poor pod fill. The scores of the 30 plants rated for each plot were totaled. The total was divided by 90 (the total if all 30 scored plants were given a rating of 3) and multiplied by 100 to give a disease severity index (DSI). A DSI of 100 would be given to a plot where all evaluated plants had a rating of 3 and a DSI of 0 would be given to a plot where all evaluated plants had a rating of 0.

DSI and yield values are given as averages of the replications. Plant height, and lodging values are given as averages over the replications for 2014. LSD (least significant difference, found at the bottom of each data column) values are given for each test. The LSD values are useful for comparing two varieties in the same test and are explained in detail in the Michigan Central and Southern Conventional Soybean Variety Trial Report. The C.V. (coefficient of variation, found at the bottom of each data column) is indicative of the trial precision. Lower C.V. value indicates more precise trials.

Table. 9 2014 MICHIGAN CENTRAL CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT - SANILAC

BRAND	VARIETY	Maturity		Phyto			Height	Lodging	avg DSI
		Group	TMT*	Res	SCN	Bu/Ac			
Citizens	CT1402	1.9	CM,Vib			63.0	40	2.5	9.10
Citizens	CT1403	2.2	CM,Vib		R	53.6	37	2.5	10.18
Citizens	CT1404	2.5	CM,Vib		R	49.9	39	3.0	4.25
D.F.Seeds	DF273N	2.7	ACLPV	1k	R	43.2	44	3.0	25.76
D.F.Seeds	DF Jackson F	2.5	ACLPV	1k	S	57.4	39	3.5	18.77
D.F.Seeds	DF Lily	2.5	ACLPV	1k	S	54.8	38	3.0	17.86
D.F.Seeds	DF155F	2.6	ACLPV	1k	S	59.7	42	3.0	11.28
D.F.Seeds	DF161N/STS	1.6	ACLPV		R	50.4	40	3.0	44.23
D.F.Seeds	DF191 F	1.9	ACLPV		S	52.5	37	3.0	49.28
D.F.Seeds	DF241 N F	2.4	ACLPV		R	43.0	36	4.0	44.33
D.F.Seeds	DF242N/S	2.4	ACLPV	1k	R	48.8	37	3.0	37.24
D.F.Seeds	DF252N/S	2.5	ACLPV	1k	R	46.5	42	3.0	31.75
D.F.Seeds	DF272 N/S	2.8	ACLPV	1k	R	46.8	46	3.0	23.19
D.F.Seeds	DF321F	3.1	ACLPV	1k	S	39.4	42	3.0	37.94
Dairyland	DSR-2400	2.4	CM	1k		50.5	41	3.5	4.46
eMerge	e1993	1.9	CM,Vib	1k	R3	54.4	41	2.5	18.73
eMerge	e2062	2.0	CM,Vib	1c	R3	54.7	36	3.5	17.50
eMerge	e2162	2.1	CM,Vib	1c	R3	52.5	33	3.5	17.40
Hensall District Coop	Blake	1.9	AM-C,Vib,O		S	67.2	37	3.0	5.08
Hensall District Coop	Goshen	1.6	AM-C,Vib,O		R	58.2	38	3.0	4.57
Hyland	HX 21CS43	2.1	CMV	1c	R	56.6	36	3.0	18.36
MSU	E05181-T**	2.0	ACLPV			51.3	37	3.0	45.45
MSU	E07051**	2.2	ACLPV	1k	R	52.3	38	3.0	32.18
MSU	E09090**	2.6	ACLPV			59.9	39	2.0	18.35
MSU	E09222LL**	2.4	ACLPV			48.3	35	4.0	23.40
MSU	E10151**	2.2	ACLPV			59.7	40	2.5	15.90
MSU	E11095**	2.5	ACLPV			49.6	36	3.0	34.87
MSU	E11128T**	2.6	ACLPV			41.4	38	3.5	57.39
MSU	E11401**	2.1	ACLPV			59.2	41	2.0	14.57
MSU	E11431**	2.2	ACLPV			57.2	42	2.0	16.98
MSU	E12007**	2.8	ACLPV			36.3	40	3.0	72.02
MSU	E12020**	2.8	ACLPV			46.0	41	3.0	26.14
MSU	E12023**	2.6	ACLPV			50.2	39	3.0	27.22
MSU	E12034**	2.9	ACLPV			51.4	42	3.0	32.95
MSU	E12042**	2.7	ACLPV			56.5	44	4.0	10.66
MSU	E12061**	2.6	ACLPV			48.1	40	2.5	25.20
MSU	E12076**	2.9	ACLPV			47.9	42	3.5	16.44
MSU	E12084**	2.7	ACLPV			50.2	45	3.5	29.89
MSU	E12140LL**	2.5	ACLPV			44.9	42	3.0	28.38
MSU	E12145LL**	2.7	ACLPV			43.5	41	3.0	38.54
MSU	E12153LL**	2.7	ACLPV			36.5	42	4.0	35.67
MSU	E12155LL**	2.8	ACLPV			47.4	48	3.0	26.65
MSU	E12247**	2.7	ACLPV			45.5	53	4.0	31.51
MSU	E12377**	2.5	ACLPV			34.9	42	3.0	33.58
MSU	E12397**	2.2	ACLPV			50.1	41	3.0	35.73
Nature's Genetics	Nat. Gen. 2.4	2.4	CM,Vib			46.9	43	3.0	10.11
Zeeland	ZFSelect1125LL	3.0	PVO			47.1	41	2.0	39.45
Zeeland	ZFSelect1326	2.6	PVO		R	42.1	43	3.5	37.40
Zeeland	ZFSelect1420LS	2.0	CM			57.0	40	3.0	20.22
Zeeland	ZFSelect251LS	2.5	PVO			57.3	37	2.5	18.68
Zeeland	ZFSelect291LS	2.9	PVO			46.6	41	2.0	22.29
Zeeland	ZFSelect728LL	2.7	PVO			41.7	38	3.0	48.29
Zeeland	ZFSelect830LL	3.0	PVO			50.7	45	3.0	13.27
GRAND MEAN						50.2	40	3.0	
Max.						67.2	53	4.0	
Min.						34.9	33	2.0	
LSD (0.05)						7.4			
CV (%)						8.9			

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

**Michigan State University experimental varieties

**TABLE 10. 2014 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.4 - 2.2)
SOYBEAN VARIETY TRIAL REPORT - SANILAC**

BRAND	VARIETY	Maturity		Phyto		Bu/Ac	Height	Lodging	DSI
		Group	TMT*	Res	SCN				
Asgrow	AG1832GENRR2Y	1.8	ACL	1k	MR3	43.1	38	2.5	54.56
Asgrow	AG1835GENRR2Y	1.8	ACL	1k	R3	37.3	42	3.0	57.62
Asgrow	AG1935GENRR2Y	1.9	ACL	1c	R3	49.6	40	3.0	61.65
Asgrow	AG2031GENRR2Y	2.0	ACL	1c	R3	60.7	42	2.0	42.00
Asgrow	AG2035GENRR2Y	2.0	ACL	1c	R3	56.4	40	2.5	51.45
Asgrow	AG2232GENRR2Y	2.2	ACL	1c	R3	53.4	43	3.0	42.71
Channel	2105R2	2.1	ACL	1c	MR3	50.1	44	3.0	39.82
Channel	2108R2	2.1	ACL	1c	R3	48.9	44	3.0	56.96
D.F.Seeds	DF5173NR2Y	1.7	ACL PV	1k	R	48.7	42	2.5	39.69
D.F.Seeds	DF5193NR2Y	1.9	ACL PV	1c	R	57.3	42	3.0	27.34
D.F.Seeds	DF5211NR2Y	2.1	ACL PV	1k	R	42.3	40	3.0	59.23
D.F.Seeds	DF5213NR2Y	2.1	ACL PV	1a	R	47.6	43	3.0	52.24
D.F.Seeds	DF5215BR2Y	2.1	ACL PV	1a/c	R	45.0	40	3.0	62.68
Dairyland	DSR-1515/R2Y	1.5	CM	1k	R	46.9	38	3.0	56.96
Dairyland	DSR-1990/R2Y	1.9	CM	1k	R	43.5	40	2.5	62.31
Dairyland	DSR-2105/R2Y	2.1	CM	1c	R	43.3	39	3.0	44.02
Dairyland	DSR-2250/R2Y	2.2	CM	1k	R	31.6	42	3.0	61.67
Dyna-Gro/CPS	36RY19	1.9	CM,Vib	1c	R	36.4	43	2.5	65.67
Dyna-Gro/CPS	S18RY25	1.8	CM,Vib	1k	R	44.9	42	2.5	55.90
Dyna-Gro/CPS	S19RY84	1.9	CM,Vib	1c	MR	45.9	41	3.0	45.32
Dyna-Gro/CPS	S20RY45	2.0	CM,Vib	1c	R	53.8	43	2.5	47.39
Dyna-Gro/CPS	S20RY94	2.0	CM,Vib	1c	R	40.7	40	3.0	54.86
Dyna-Gro/CPS	S22RY64	2.2	CM,Vib	1k	MR	35.1	40	3.0	62.81
Great Lakes	GL1689R2	1.6	PV	1c	R	58.2	40	2.0	45.81
Great Lakes	GL1829R2	1.8	PV	1k	R	47.5	43	2.5	48.38
Great Lakes	GL2039R2	2.0	PV	1c	R	50.2	41	2.5	51.75
Great Lakes	GL2289R2	2.2	PV	1c	R	42.4	41	3.0	51.03
Hyland	HS 14RYS44	1.4	CMV		R	54.7	39	2.5	40.48
Hyland	HS 15RYS45	1.5	CMV	1k	R	48.6	39	3.0	24.42
Hyland	HS 18RY09	1.8	CMV	S	S	38.7	41	3.0	65.22
Hyland	HS 18RYS13	1.8	CMV	1c	R	39.5	37	3.0	50.25
Hyland	HS 22RYS03	2.2	CMV	1c	R	40.0	40	3.0	81.74
Hyland	HX 21RYS50	2.1	CMV	1a	R	44.5	44	3.0	43.90
M&W Seeds	21R71 NRR2Y	2.1	CM		R3,14	41.1	41	3.0	54.41
Mycogen	5N206R2	2.0	AM-C,Vib,Clar	1c	R	58.2	42	3.0	45.29
Mycogen	5N223R2	2.2	AM-C,Vib,Clar	1a	R	32.7	39	3.0	60.90
NKBrand	S17-B3	1.7	CM,AM,Vib		R	41.0	40	2.5	76.02
NKBrand	S19-Z9	1.9	CM,AM,Vib		R	40.6	43	3.0	54.98
NKBrand	S20-T6	2.0	CM,AM,Vib	1c	R	48.2	40	3.0	56.22
NKBrand	S22-S1	2.2	CM,AM,Vib	1c	R	39.8	39	2.5	63.65
NT/G2 Gen.	NT/G2 7157	1.5	SC-X	1c/6	R	54.5	38	3.0	11.39
NT/G2 Gen.	NT/G2 7204R2	2.0	SC-X	1c	R	38.7	42	2.5	47.52
NT/G2 Gen.	NT/G2 7216	2.1	SC-X	1k	R	58.5	43	2.0	5.37
Pioneer	P22T69R	2.2	A,EG,G	1k	R	55.7	37	2.0	30.75
Renk	RS175NR2	1.7	none	1k	R	45.8	41	2.0	42.86
Renk	RS183NR2	1.8	none	1c	R	42.7	38	3.0	47.44
Renk	RS195NR2	1.9	none	1c	R	44.3	41	3.0	55.21
Renk	RS213NR2	2.1	CM,O	1c	R	61.0	43	2.5	29.56
Renk	RS224NR2	2.2	none	1k	R	31.1	39	3.0	72.67
Rupp	RS7184	1.8	AM-C	1k	R	48.9	38	2.5	41.97

**TABLE 10. 2014 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.4 - 2.2)
SOYBEAN VARIETY TRIAL REPORT - SANILAC**

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	Bu/Ac	Height	Lodging	DSI
Rupp	RS7212	2.1	AM-C	1c	R	34.8	40	3.0	72.51
Rupp	RS7222	2.2	AM-C	1c	R	31.3	42	3.0	59.29
Rupp	RS7205	2.0	AM-C	1a	R	41.9	42	2.5	48.70
Rupp	RS7198	1.8	AM-C	1k	R	45.2	40	3.0	64.31
Specialty	2033CR2	2.0	ACL,P	1c	R	42.5	41	3.0	49.08
Specialty	2164CR2	2.1	ACL,P	1c	R	49.6	43	3.0	38.31
Steyer	2001R2	2.0	AM-C,Vib	1c	R	39.3	43	3.0	60.37
GRAND MEAN						45.5	41	2.8	
Max.						61.0	44	3.0	
Min.						31.1	37	2.0	
LSD (0.05)						11.5			
CV (%)						15.2			

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

**TABLE 11. 2014 MICHIGAN CENTRAL ROUND-UP READY / Late Maturity, (2.3 - 3.0)
SOYBEAN VARIETY TRIAL REPORT - SANILAC**

BRAND	VARIETY	Mat		Phyto					
		Group	TMT*	Res	SCN	Bu/Ac	Height	Lodging	DSI
Asgrow	AG2433GENRR2Y	2.4	ACL	1c	MR3	39.9	41	2.5	37.72
Asgrow	AG2535GENRR2Y	2.5	ACL	1k	R3	42.4	40	3.0	40.55
Asgrow	AG2632GENRR2Y	2.6	ACL	1a	MR3	32.6	43	3.0	44.49
Asgrow	AG2835GENRR2Y	2.8	ACL	1c	R3	38.3	42	4.0	47.58
Asgrow	AG2935GENRR2Y	2.9	ACL	1c	R3	34.4	42	3.0	57.41
Asgrow	AG3034GENRR2Y	3.0	ACL	1c	R3	31.9	44	3.0	45.66
Channel	2306R2	2.3	ACL	1k	R3	31.2	41	3.5	39.42
D.F.Seeds	DF5242R2Y	2.4	ACLPV	1c	S	47.0	41	2.5	53.07
D.F.Seeds	DF5244NR2Y	2.4	ACLPV		R	45.8	44	2.0	56.38
D.F.Seeds	DF5252NR2Y	2.5	ACLPV	1c/k	R	43.8	41	3.0	64.05
D.F.Seeds	DF5263R2Y/STS	2.5	ACLPV	1c	S	26.1	43	2.5	70.11
D.F.Seeds	DF5282NR2Y	2.8	ACLPV	1a	R	34.3	41	3.0	66.05
Dairyland	DSR-2411/R2Y	2.4	CM	1c	S	45.5	41	3.0	69.25
Dairyland	DSR-2612/R2Y	2.6	CM	1k	R	33.4	42	2.5	56.25
Dairyland	DSR-2909/R2Y	2.9	CM	1a	R	40.2	43	2.0	52.22
Dairyland	DST26-005/R2Y	2.6	CM	3a	MR	33.4	40	3.0	50.82
Dyna-Gro/CPS	38RY28	2.8	CM,Vib	1c	R	39.1	42	3.0	48.49
Dyna-Gro/CPS	S24RY65	2.4	CM,Vib	S	R	40.8	43	2.0	51.63
Dyna-Gro/CPS	S25RY44	2.5	CM,Vib	1k	R	43.6	41	3.5	49.32
Dyna-Gro/CPS	S26RS75	2.6	CM,Vib	1c	R	45.3	41	3.0	45.15
Dyna-Gro/CPS	S23RY85	2.3	CM,Vib	1c	R	43.2	44	2.5	43.97
Great Lakes	GL2469R2	2.4	PV	1c	R	37.0	44	2.0	61.59
Great Lakes	GL2569R2	2.5	PV	1c	R	28.0	42	3.0	72.70
Great Lakes	GL2789R2	2.7	PV	1c	R	42.8	44	4.0	70.18
Great Lakes	GL2869R2	2.8	PV	1k	R	34.1	44	4.0	69.84
Great Lakes	GL3059R2	3.0	PV	1k	R	29.9	43	3.0	63.89
Hyland	5A255RR2	2.5	CMV		R	36.0	47	3.0	54.45
Hyland	HS 24RY05	2.4	CMV	S		33.1	40	3.0	52.86
Hyland	HS 25RYS47	2.5	CMV		R	27.0	41	2.0	50.48
Hyland	HS 26RYS16	2.6	CMV	1c	R	38.8	43	3.5	38.16
Hyland	HS 27RYS34	2.7	CMV	S	R	40.3	40	3.0	37.54
Hyland	HS 28RYS48	2.8	CMV	1c	R	38.0	41	3.0	44.04
Hyland	HX 25RYS52	2.5	CMV	1k	R	40.3	42	3.0	34.43
M&W Seeds	23X34 NRR2Y	2.3	CM	1k	R3,14	53.4	42	3.0	48.55
M&W Seeds	26Y82 NRR2Y	2.6	CM	1c	R3,14	45.2	44	3.0	50.10
M&W Seeds	26Z41 NRR2Y	2.6	CM	1k	R3,14	43.6	41	2.5	58.49
M&W Seeds	28Z10 NRR2Y	2.8	CM		R3,14	33.1	42	3.5	65.37
Mycogen	5N244R2	2.4	AM-C,Vib,Clar	1c	R	29.2	41	4.0	64.03
NKBrand	S24-K2	2.4	CM,AM,Vib	1c	R	39.7	42	3.5	59.45
NKBrand	S25-E5	2.5	CM,AM,Vib	1c	R	25.5	42	3.5	59.36
NKBrand	S26-P3	2.7	CM,AM,Vib		R	37.3	42	3.0	43.09
NKBrand	S27-J7	2.8	CM,AM,Vib	1k	R	37.9	45	3.0	44.04
NuTech/G2 Gen.	NT/G2 7233	2.3	SC-X	1k	R	37.9	41	2.5	40.68
NuechT/G2 Gen.	NT/G2 7240	2.4	SC-X	1k	R	45.6	43	2.0	43.85
NuTech/G2 Gen.	NT/G2 7250	2.5	SC-X	1k	R	32.0	40	3.0	54.94
NuTech/G2 Gen.	NT/G2 7261	2.6	SC-X	1c	R	37.9	45	2.0	48.54
NuTech/G2 Gen.	NT/G2 7273	2.7	SC-X	1k	R	32.8	41	2.5	48.25
NuTech/G2 Gen.	NT/G2 7290	2.9	SC-X	1k	R	25.5	44	2.0	41.47
NuTech/G2 Gen.	NT/G2 7310	3.1	SC-X	1k	R	41.7	45	2.5	38.03
Pioneer	92Y51	2.5	A,EG,G	1k	R	40.7	45	2.5	45.70

**TABLE 11. 2014 MICHIGAN CENTRAL ROUND-UP READY / Late Maturity, (2.3 - 3.0)
SOYBEAN VARIETY TRIAL REPORT - SANILAC**

BRAND	VARIETY	Mat Group	TMT*	Phyto		Bu/Ac	Height	Lodging	DSI
				Res	SCN				
Pioneer	92Y83	2.8	A,EG,G	1k	R	38.7	43	2.0	62.48
Pioneer	P24T05R	2.4	A,EG,G	1k	R	42.4	41	2.0	75.69
Pioneer	P26T76R	2.6	A,EG,G	1k	R	32.7	45	2.0	76.11
Pioneer	P27T87R2	2.7	A,EG,G	1k	R	27.6	45	3.0	76.41
Renk	RS241NR2	2.4	CM,O	1c	S	41.3	42	2.5	62.63
Rupp	RS7245	2.4	AM-C		R	44.8	47	2.0	43.80
Specialty	2480CR2	2.4	ACL,P	1c	R	27.6	41	4.0	47.82
Specialty	2564CR2	2.5	ACL,P	1c	R	44.3	45	4.0	53.29
Specialty	2720CR2	2.7	ACL,P	1c	R	38.7	45	3.0	62.14
Steyer	2403R2	2.4	AM-C,Vib		R	40.1	46	2.0	71.35
Steyer	2604R2	2.6	AM-C,Vib	1a	R	29.6	41	3.0	66.90
Steyer	2805R2	2.8	AM-C,Vib	1a	R	29.8	41	3.0	64.69
GRAND MEAN						37.3	42	2.8	
Max.						53.4	47	4.0	
Min.						25.5	40	2.0	
LSD (0.05)						14.6			
CV (%)						23.6			

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

TABLE 12. 2014 MICHIGAN LIBERTY LINK CENTRAL - SOYBEAN TRIAL REPORT - SANILAC

BRAND	VARIETY	Maturity Group	TMT*	Phyto Res	SCN	Bu/Ac	Height	Lodging	DSI
D.F.Seeds	DF EX 2.3 NLL	2.3	ACLPV	1k	R	59.5	37	3.0	29.97
D.F.Seeds	DF9182NLL	1.8	ACLPV		R	48.4	35	2.5	26.76
D.F.Seeds	DF9221NLL	2.2	ACLPV	1k	R	56.1	37	3.0	25.20
D.F.Seeds	DF9251NLL	2.5	ACLPV	1k	R	60.0	38	3.0	26.51
D.F.Seeds	DF9261LL	2.7	ACLPV	1k	S	40.4	41	3.0	60.39
D.F.Seeds	DF9291NLL	2.9	ACLPV	1c	R	46.9	43	2.5	40.95
Dyna-Gro/CPS	S19LL05	1.9	CM,Vib	S	MR	56.4	40	3.0	55.31
Dyna-Gro/CPS	S22LL65	2.2	CM,Vib	1k	MR	61.3	40	3.0	27.32
Dyna-Gro/CPS	S25LL85	2.5	CM,Vib	1k	MR	57.2	39	3.0	30.28
Great Lakes	GL2239LL	2.2	PV	1k	R	61.8	39	3.0	39.93
Great Lakes	GL2579LL	2.5	PV	1k	R	55.3	40	3.0	16.62
MCIA	1814NLL	1.8	Vib			49.8	39	2.5	26.42
MCIA	2212LL	2.2	Vib	1k		54.5	41	3.0	30.64
MCIA	2314NLL	2.3	Vib			62.1	40	3.0	32.56
MCIA	2409LL	2.4	Vib			51.1	38	3.0	52.16
MCIA	2512LL	2.5	Vib	1k		52.2	41	3.0	43.86
NuTech/G2 Gen.	NT/G2 3153L	1.5	SC-X	1c	R	55.7	36	2.0	36.14
NuTech/G2 Gen.	NT/G2 3181L	1.8	SC-X		R	45.3	37	2.0	48.61
NuTech/G2 Gen.	NT/G2 3223L	2.2	SC-X	1k	R	55.5	40	3.5	21.08
NuTech/G2 Gen.	NT/G2 3243L	2.4	SC-X	1k	R	56.9	40	3.0	28.41
NuTech/G2 Gen.	NT/G2 3248L	2.6	SC-X	1k	R	42.1	42	3.0	38.25
NuTech/G2 Gen.	NT/G2 3273L	2.7	SC-X	1k	R	44.1	42	3.0	19.77
Steyer	2402L	2.4	AM-C,Vib	1k	R	59.4	40	3.0	21.62
Steyer	2804L	2.8	AM-C,Vib	1k	R	46.3	41	3.0	53.80
GRAND MEAN						53.2	39	2.9	
Max.						62.1	43	3.5	
Min.						40.4	35	2.0	
LSD (0.05)						9.8			
CV (%)						11.0			

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

INDEX FOR 2014 SOYBEAN VARIETY PERFORMANCE TRIALS

There were **235** varieties from **23** private seed companies entered in 7 county test sites in the 2014 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.

<p>TABLE 1 <u>Central</u> <u>Conventional</u></p> <p>Allegan Ingham Saginaw</p>	<p>TABLE 2 <u>Southern</u> <u>Conventional</u></p> <p>Hillsdale Ingham Lenawee St. Joseph</p>	<p>TABLE 3 <u>Central Early</u> <u>Roundup Ready</u></p> <p>Allegan Ingham Saginaw</p>	<p>TABLE 4 <u>Central Late</u> <u>Roundup Ready</u></p> <p>Allegan Ingham Saginaw</p>	<p>TABLE 5 <u>Southern Early</u> <u>Roundup Ready</u></p> <p>Hillsdale Ingham Lenawee St. Joseph</p>	<p>TABLE 6 <u>Southern Late</u> <u>Roundup Ready</u></p> <p>Hillsdale Ingham Lenawee St. Joseph</p>
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<p>TABLE 7 <u>Central</u> <u>Liberty Link</u></p> <p>Allegan Ingham Saginaw</p>	<p>TABLE 8 <u>Southern</u> <u>Liberty Link</u></p> <p>Hillsdale Ingham Lenawee St. Joseph</p>	<p>TABLE 9 <u>Central</u> <u>Conventional</u></p> <p>Sanilac</p>	<p>TABLE 10 <u>Central Early</u> <u>Roundup Ready</u></p> <p>Sanilac</p>	<p>TABLE 11 <u>Central Late</u> <u>Roundup Ready</u></p> <p>Sanilac</p>	<p>TABLE 12 <u>Central</u> <u>Liberty Link</u></p> <p>Sanilac</p>
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Monsanto Company

ASGROW AG1832GENRR2Y (3,10)
 ASGROW AG1835GENRR2Y (3,10)
 ASGROW AG1935GENRR2Y (3,10)
 ASGROW AG2031GENRR2Y (3,10)
 ASGROW AG2035GENRR2Y (3,10)
 ASGROW AG2232GENRR2Y (3,10)
 ASGROW AG2433GENRR2Y (4,5,11)
 ASGROW AG2535GENRR2Y (4,5,11)
 ASGROW AG2632GENRR2Y (4,5,11)
 ASGROW AG2835GENRR2Y (4,6,11)
 ASGROW AG2935GENRR2Y (4,6,11)
 ASGROW AG3034GENRR2Y (4,6,11)
 ASGROW AG3231GENRR2Y (6)
 ASGROW AG3334GENRR2Y (6)

Monsanto (Channel)

CHANNEL 2105R2 (3,10)
 CHANNEL 2108R2 (3,10)
 CHANNEL 2306R2 (4,11)
 CHANNEL 2402R2 (5)
 CHANNEL 2408R2 (5)
 CHANNEL 2903R2 (6)

Citizens LLC

CITIZENS CT1401 (2)
 CITIZENS CT1402 (1,9)
 CITIZENS CT1403 (1)
 CITIZENS CT1404 (1)
 CITIZENS CT1405 (2)
 NATURE'S GENETICS 2.4 (1,2)

D.F. Seeds, Inc.

D.F. SEEDS DF EX 2.3 NLL (7,8,12)
 D.F. SEEDS DF EX 2.7 D (1,2,9)
 D.F. SEEDS DF Jackson F (1,9)
 D.F. SEEDS DF Lily (1,2,9)
 D.F. SEEDS DF155F** (1,2,9)
 D.F. SEEDS DF161N/STS (1,9)
 D.F. SEEDS DF191 F (1,9)
 D.F. SEEDS DF241 N F (1,2,9)

D.F. Seeds, Inc. (con't)

D.F. SEEDS DF242N/S (1,2,9)
 D.F. SEEDS DF252N/S (1,2,9)
 D.F. SEEDS DF272N/S (1,2,9)
 D.F. SEEDS DF311CH (1,2,9)
 D.F. SEEDS DF5173NR2Y (3,10)
 D.F. SEEDS DF5193NR2Y (3,10)
 D.F. SEEDS DF5211NR2Y (3,10)
 D.F. SEEDS DF5213NR2Y (3,10)
 D.F. SEEDS DF5215BR2Y (3,10)
 D.F. SEEDS DF5242R2Y (4,5,11)
 D.F. SEEDS DF5244NR2Y (4,5,11)
 D.F. SEEDS DF5252NR2Y (4,5,11)
 D.F. SEEDS DF5263R2Y/STS (4,5,11)
 D.F. SEEDS DF5282NR2Y (4,6,11)
 D.F. SEEDS DF5303NR2Y (6)
 D.F. SEEDS DF9182NLL (7,12)
 D.F. SEEDS DF9221NLL (7,8,12)
 D.F. SEEDS DF9251NLL (7,8,12)
 D.F. SEEDS DF9261LL (7,8,12)
 D.F. SEEDS DF9291NLL (7,8,12)
 D.F. SEEDS DF9311NLL (8)

Dairyland Seed

DAIRYLAND DSR-1515/R2Y (3,10)
 DAIRYLAND DSR-1990/R2Y (3,5,10)
 DAIRYLAND DSR-2105/R2Y (3,5,10)
 DAIRYLAND DSR-2250/R2Y (3,5,10)
 DAIRYLAND DSR-2400 (1,2,9)
 DAIRYLAND DSR-2411/R2Y (4,5,11)
 DAIRYLAND DSR-2612/R2Y (4,5,11)
 DAIRYLAND DSR-2909/R2Y (4,6,11)
 DAIRYLAND DSR-3040/R2Y (6)
 DAIRYLAND DST26-005/R2Y (4,5,11)

Dyna-Gro/Crop Production Serv.

DYNA-GRO 36RY19 (3,10)
 DYNA-GRO 37RY33 (6)
 DYNA-GRO 38RY28 (4,6,11)
 DYNA-GRO S18RY25 (3,10)
 DYNA-GRO S19LL05 (7,12)

Dyna-Gro/Crop Prod.Serv.(con't)

DYNA-GRO S19RY84 (3,10)
 DYNA-GRO S20RY45 (3,10)
 DYNA-GRO S20RY94 (3,10)
 DYNA-GRO S22LL65 (7,12)
 DYNA-GRO S22RY64 (3,10)
 DYNA-GRO S24RY65 (4,5,11)
 DYNA-GRO S25LL85 (7,8,12)
 DYNA-GRO S25RY44 (4,5,11)
 DYNA-GRO S26RS75 (4,5,11)
 DYNA-GRO S27LL55 (8)
 DYNA-GRO S29RY05 (6)
 DYNA-GRO S32RY95 (6)
 DYNA-GRO S23RY85 (4,5,11)

Schillinger Genetics

eMERGE e1993 (1,9)
 eMERGE e2062 (1,9)
 eMERGE e2162 (1,9)
 eMERGE e2782 (2)
 eMERGE e2854 (2)
 eMERGE e2993 (2)

Great Lakes Hybrids

GREAT LAKES GL1689R2 (3,10)
 GREAT LAKES GL1829R2 (3,10)
 GREAT LAKES GL2039R2 (3,5,10)
 GREAT LAKES GL2239LL (7,8,12)
 GREAT LAKES GL2289R2 (3,5,10)
 GREAT LAKES GL2469R2 (4,5,11)
 GREAT LAKES GL2569R2 (4,5,11)
 GREAT LAKES GL2579LL (7,8,12)
 GREAT LAKES GL2789R2 (4,5,11)
 GREAT LAKES GL2869R2 (4,6,11)
 GREAT LAKES GL2879LL (8)
 GREAT LAKES GL3059R2 (4,6,11)

Hensall District Coop

HDC Blake (1,9)
 HDC Goshen (1,9)

Hyland Seeds

HYLAND 5A255RR2 (4,5,11)
HYLAND HS 14RYS44 (3,10)
HYLAND HS 15RYS45 (3,10)
HYLAND HS 18RY09 (3,10)
HYLAND HS 18RYS13 (3,10)
HYLAND HS 22RYS03 (3,5,10)
HYLAND HS 24RY05 (4,5,11)
HYLAND HS 25RYS47 (4,5,11)
HYLAND HS 26RYS16 (4,5,11)
HYLAND HS 27RYS34 (4,5,11)
HYLAND HS 28RYS48 (4,6,11)
HYLAND HX 21CS43 (1,9)
HYLAND HX 21RYS50 (3,10)
HYLAND HX 25RYS52 (4,5,11)
HYLAND HX 30RYS53 (6)

M&W Seeds

M&W SEEDS 21R71 NRR2Y (3,10)
M&W SEEDS 23X34 NRR2Y (4,5,11)
M&W SEEDS 26Y82 NRR2Y (4,5,11)
M&W SEEDS 26Z41 NRR2Y (4,5,11)
M&W SEEDS 28Z10 NRR2Y (4,6,11)
M&W SEEDS 31V31 NRR2Y (6)
M&W SEEDS 33M33 NRR2Y (6)

MI Crop Improvement Assoc.

MCIA 1814NLL (7,12)
MCIA 2212LL (7,8,12)
MCIA 2314NLL (7,8,12)
MCIA 2409LL (7,8,12)
MCIA 2512LL (7,8,12)
MCIA 3011LL (8)
MCIA 3113LL (8)

Mycogen Seeds

MYCOGEN 5N206R2 (3,10)
MYCOGEN 5N223R2 (3,10)
MYCOGEN 5N244R2 (4,11)
MYCOGEN 5N284R2 (6)
MYCOGEN 5N312R2 (6)

Syngenta Seeds

NK BRAND S17-B3 (3,10)
NK BRAND S19-Z9 (3,10)
NK BRAND S20-T6 (3,10)
NK BRAND S22-S1 (3,10)
NK BRAND S24-K2 (4,11)
NK BRAND S25-E5 (4,11)
NK BRAND S26-P3 (4,5,11)
NK BRAND S27-J7 (4,6,11)
NK BRAND S28-A2 (6)
NK BRAND S29-G4 (6)
NK BRAND S30-C1 (6)
NK BRAND S31-R2 (6)

NuTech Seed

NuTech/G2 Genetics 3153L (7,12)
NuTech/G2 Genetics 3181L (7,12)
NuTech/G2 Genetics 3223L (7,8)
NuTech/G2 Genetics 3243L (7,8)

NuTech Seed (con't)

NuTech/G2 Genetics 3248L (7,8,12)
NuTech/G2 Genetics 3273L (7,8,12)
NuTech/G2 Genetics 3323L (8)
NuTech/G2 Genetics 7157 (3,10)
NuTech/G2 Genetics 7204R2 (3,5,10)
NuTech/G2 Genetics 7216 (3,5,10)
NuTech/G2 Genetics 7233 (4,5,11)
NuTech/G2 Genetics 7240 (4,5,11)
NuTech/G2 Genetics 7250 (4,5,11)
NuTech/G2 Genetics 7261 (4,5,11)
NuTech/G2 Genetics 7273 (4,5,11)
NuTech/G2 Genetics 7290 (4,6,11)
NuTech/G2 Genetics 7310 (4,6,11)
NuTech/G2 Genetics 7334 (6)

Dupont Pioneer

PIONEER 92Y51 (4,5,11)
PIONEER 92Y83 (4,6,11)
PIONEER P22T69R (3,10)
PIONEER P24T05R (4,11)
PIONEER P26T76R (4,5,11)
PIONEER P27T87R2 (4,5,11)
PIONEER P32T25R2 (6)
PIONEER P33T72R (6)

Renk Seed

RENK RS175NR2 (3,10)
RENK RS183NR2 (3,10)
RENK RS195NR2 (3,10)
RENK RS205NR2 (5)
RENK RS213NR2 (3,10)
RENK RS224NR2 (3,10)
RENK RS241NR2 (4,5,11)
RENK RS263NR2 (5)
RENK RS265NR2 (5)
RENK RS295NR2 (6)

Rupp Seeds, Inc.

RUPP RS2316 (2)
RUPP RS2280 (2)
RUPP RS7184 (3,10)
RUPP RS7212 (3,10)
RUPP RS7222 (3,10)
RUPP RS7245 (4,11)
RUPP RS7251 (5)
RUPP RS7262 (5)
RUPP RS7283 (6)
RUPP RS7326 (6)
RUPP RS7332 (6)
RUPP RS7205 (3,10)
RUPP RS7317 (6)
RUPP RS7198 (3,10)

Seed Consultants, Inc.

Seed Consult.SCS 9213RR™ (5)
Seed Consult.SCS 9273RR™ (5)
Seed Consult.SCS 9295RR™ (6)
Seed Consult.SCS 9314RR™ (6)

Specialty Hybrids

SPECIALTY 2033CR2 (3,5,10)
SPECIALTY 2164CR2 (3,5,10)
SPECIALTY 2480CR2 (4,5,11)
SPECIALTY 2564CR2 (4,5,11)
SPECIALTY 2720CR2 (4,5,11)
SPECIALTY 3200CR2 (6)
SPECIALTY 3284CR2 (6)
SPECIALTY 3364CR2 (6)

Steyer Seeds

STEYER 2001R2 (3,10)
STEYER 2402L (7,8,12)
STEYER 2403R2 (4,11)
STEYER 2604R2 (4,5,11)
STEYER 2804L (7,8,12)
STEYER 2805R2 (4,6,11)
STEYER 3205R2 (6)
STEYER 3403R2 (6)

Wellman Seeds, Inc.

WELLMAN W 264 (2)
WELLMAN W 305 (2)
WELLMAN W 313 (2)
WELLMAN W 325 (2)
WELLMAN W 4326 (5)
WELLMAN W 4332 (6)
WELLMAN W 4525 (5)
WELLMAN W 4528 (6)
WELLMAN W 4529 (6)

Zeeland Farm Services, Inc.

ZEELAND ZFSelect 1125 LL (1,2,9)
ZEELAND ZFSelect 1326 (1,2,9)
ZEELAND ZFSelect 1420 LS (1,9)
ZEELAND ZFSelect 251 LS (1,9)
ZEELAND ZFSelect 291 LS (1,2,9)
ZEELAND ZFSelect 728 LL (1,2,9)
ZEELAND ZFSelect 830 LL (1,2,9)

2014 DIRECTORY OF COMPANIES

<u>BRAND</u>	<u>COMPANY NAME AND ADDRESS</u>	<u>BRAND</u>	<u>COMPANY NAME AND ADDRESS</u>
ASGROW	Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167 www.asgrowanddekalb.com	MYCOGEN	Mycogen Seeds 9330 Zionsville Rd., Indianapolis, IN www.mycogen.com
CHANNEL	Monsanto (Channel) 800 N. Lindbergh Blvd. St. Louis, MO 63141 www.channel.com	NK BRAND	Syngenta Seeds Inc. 11055 Wayzata Blvd. Minnetonka, MN 55440 www.syngenta.com
CITIZENS/ NATURE'S GENETICS	Citizens LLC 421 N Cochran Ave., Charlotte, MI 48813 www.citizenslevator.com	NUTECH/ G2GENETICS	NuTech Seed, LLC 2321 N Loop Dr., Suite 230 Ames, IA 50010 www.yieldleader.com
D.F. SEEDS	D.F. Seeds, Inc. 905 S. Jackson St., Dansville, MI 48819 www.dfseeds.com	PIONEER	DuPont Pioneer 59 Greif Parkway Wes, Suite 200 Delaware, OH 43015 www.pioneer.com
DAIRYLAND	Dairyland Seed Co., Inc. P.O. Box 958, West Bend, WI 53095 www.dairylandseed.com	RENK	Renk Seed 6809 Wilburn Rd., Sun Prairie, WI 53590 www.renkseed.com
DYNA-GRO	Dyna-Gro / Crop Production Services 4648 S. Garfield Rd., Auburn, MI 48611 www.dyna-groseed.com	RUPP	Rupp Seeds, Inc. 17919 Co. Rd. B, Wauseon, OH 43567 www.ruppseeds.com
eMERGE	Schillinger Genetics 4401 West town Parkway, Suite 225 West Des Moines, IA 50266 www.GrowNonGmo.com	SEED CONSULTANT	Seed Consultants Inc. 648 Miami Trace Rd. SW Washington Court House, OH 43160 www.seedconsultants.com
GREAT	Great Lakes Hybrids 9915 W. M-21 Hwy, Ovid, MI 48866 www.greatlakeshybrids.com	SPECIALTY	Specialty Hybrids 306 N Main St., Monticello, IN 47960 www.specialtyhybrids.com
HDC	Hensall District Coop 1 Davidson Dr., Hensall, ON N0M1X0 www.hdc.on.ca	STEYER	Steyer Seeds PO Box 209, Old Fort, OH 44861 www.steyerseeds.com
HYLAND	Hyland Seeds 5 Hyland Drive Blenheim, ON N0P 1A0 www.hylandseeds.com	WELLMAN	Wellman Seeds, Inc. 23778 Delphos Jennings Rd. Delphos, OH 45833 www.wellmanseeds.com
M&W	M&W Seeds Inc. 8443 Wilcox Rd., Eaton Rapids, MI 48827 www.mwseeds.com	ZEELAND	Zeeland Farm Services, Inc. 2525 84 th Avenue, Zeeland, MI 49464 www.zfsinc.com
MCIA	Michigan Crop Improvement Assn. P.O. Box 21008, Lansing, MI 48909 www.michcrop.com		