

# first

farmers' independent research of seed technologies

## Evaluating Corn Hybrids and Soybean Varieties



**Evaluation guide of corn hybrids and soybean varieties featuring independent on-farm yield tests**



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# Contents

## Great Lakes Edition

Covering Wisconsin, Michigan, portions of Illinois, Indiana and Ohio

Other editions available at [www.firstseedtests.com/media.shtml](http://www.firstseedtests.com/media.shtml)

### 4 Make sense of the Data How to Interpret FIRST Trials

#### CORN RESULTS

- |   |                                  |
|---|----------------------------------|
| <b>6 WICE</b><br>Wisconsin Central        | <b>20 INNO</b><br>Indiana North  |
| <b>8 WISO</b><br>Wisconsin South          | <b>22 OHNW</b><br>Ohio Northwest |
| <b>10 NCTS</b><br>North Central Tri-State |                                  |
| <b>12 ILNO</b><br>Illinois North          |                                  |
| <b>18 MISO</b><br>Michigan South          |                                  |

#### SOYBEAN RESULTS

- |  |                                  |
|--|----------------------------------|
| <b>24 WISO</b><br>Wisconsin South          | <b>30 INNO</b><br>Indiana North  |
| <b>26 NCSL</b><br>North Central State Line | <b>31 OHNW</b><br>Ohio Northwest |
| <b>28 ILNO</b><br>Illinois North           |                                  |

### Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)
3011A	Agrisure® Artesian® (CB,RW,LL,GT)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)
A	Agrisure® Artesian®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)
AQ	Optimum® AQUAmax®
B	Blended seed (i.e. refuge blend)
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
DG	Genuity® DroughtGard®
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	Herculex® 1, contains LL
HX,RR2	Herculex® 1, Roundup Ready 2 Corn
HXRW	Herculex® Rootworm, contains LL
HXT	Herculex® Xtra (HX,HXRW,LL)
HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
LL	LibertyLink®
None	Conventional, non-GMO
OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
OT	Optimum® TRIssect® (HX,RW,LL,RR2)
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® 2 Corn
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonyleurea herbicide tolerant
STX	SmartStax® (VT3P,HXX)
VT2P	Genuity® VT Double PRO®
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
YGCB	YieldGard® Corn Borer

\* Refuge component genetics may vary in a refuge blend seed product.

### Seed Treatments\*\*

?	Information not provided
A	Allegiance®
AC	Acceleron® fungicide products
ACi	Acceleron® fungicide and insecticide products
AM	ApronMaxx®
AP	Apron XL®
At	Actellic®
AVB	Avicta® Complete Beans
AVC	Avicta® Complete Corn
C	Cruiser®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CCB	Clariva Complete Beans
CE	Cruiser Extreme®
CM	CruiserMaxx® Corn
CMB	CruiserMaxx® Beans
CMBV	CruiserMaxx® Beans with Vibrance
D	Dynasty®
DST	Dominance ST
EE	Evergol™ Energy
Es	Escalate®
G	Gauche®
I	Inovate™ System
L	Lorsban®
M	Maxim XL®
M	Maxim®
MQ	Maxim Quattro®
None	untreated
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
PS	ProShield™ (Mid-Atlantic Seed)
PV	Poncho®/Votivo®
R	Raxil®
SS+	Soyshield Plus™
St	Stamina®
T	Trilex®
V	Votivo®

\*\* Seed treatments may include unspecified plant health promoting components.

# How to Interpret FIRST Trials

**F**armers' Independent Research of Seed Technologies (FIRST) is an independent corn and soybean yield testing service. We compare product yield performance in grower fields across 16 states: Delaware, Illinois, Indiana, Iowa, Kansas, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, Virginia and Wisconsin. In 2014, we compared yields of 1,129 corn grain and 760 soybean products. In total, more than 83,800 plot strips in 550 tests spread across 333 farms were established.

Test locations are selected to represent the geographic diversity within a region. Ideal sites have uniform, well-drained soils with farmer hosts using production practices typical for the area.

Sponsoring seed companies submit their best products to desired test regions. They provide high-quality seed from commercial lots and fees to enter FIRST seed tests. Exceptions are check products (denoted by CK), chosen by FIRST managers to bridge results between early- and full-season tests, and Grower Comparison products (denoted by GC), provided by our host farmers for their knowledge.

FIRST managers package, randomize, and plant seeds into host grower fields using slightly modified commercial planting equipment. Plot strips are 45' long and 10' wide (four 30" corn rows and soybean rows of either seven 15" rows or four 30" rows). Typically the center two corn rows and all soybean rows

are used to measure yield.

Regions have been established to provide similarity by geography and crop maturity. Corn and soybean products within a 10-day and 0.7-group minimum maturity range, respectively, are pooled into a single all-season test or split into early- and full-season tests depending upon entry volume. All seed products entered in a region are seeded at each of six corn and four soybean locations within the region. Products are replicated three times per test and grouped in blocks from front to back and side to side. This provides more precision in yield measurement and flexibility should a disruptive event require elimination of non-uniform plot areas.

Soybean cyst nematode (SCN) levels are reported for most soybean test sites. Egg counts are taken per 100 ml of soil. Sites with up to 2,000 eggs, 2,000 to 12,000 eggs or more than 12,000 eggs are classified as low, medium or high populations, respectively.

FIRST regional summaries are designed to identify consistently high yielding products from multiple locations. Product performance is averaged across all locations within a region. Regional summary tables rank the Top 30 corn and Top 20 soybean products on yield within a region. Grain yield, grain moisture and lodging are averaged from all locations and presented along with individual site yield results.

Regional summaries include least significant difference (LSD) for the region and individual site results. Statistically, the LSD value is the difference needed between two

## Footnotes and Abbreviations:

Yields in **bold** are significantly above test average.

Brands in *italics* exceed the test's grain moisture limit.

Brand names ending with GC are grower chosen comparison products.

Brand names ending with CK are check products in both early- and full-season tests.

# identifies rejected results omitted from summary

‡ identifies locations with 2 replications

§ identifies United Soybean Board sponsored entries

^ G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

n/a – not available

ns – not significant

SCN Resistance: S – susceptible, MR – Moderately Resistant, R – Resistant.

products to accurately state that one product is better than another 9 times out of 10 (90% probability).

FIRST manager comments are provided for each test site. Comments provide insight regarding test conditions such as weather patterns, plant health and any other factors that may have impacted product results.

For more details, additional results and other editions visit [www.firstseedtests.com](http://www.firstseedtests.com).

**first** farmers' independent research of seed technologies

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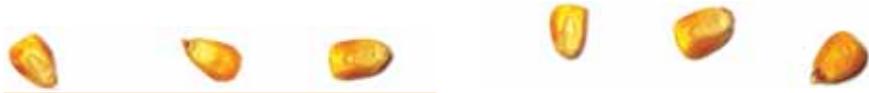


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CR0814STRYLDA155V00R0 A-26823-1



Jason Beyers, FIRST Manager



**Corn Stats:**

Yield Range: 157.4-189.8  
 Yield Average: 175.7  
 Top \$ Per Acre: \$652.00

**Corn Field Notes: Wisconsin Central**

**Fox Lake**—This was an extremely uniform, high-yielding location. Most of the growing season was ideal except for the cool summer. Plants emerged with almost perfect stands and plant heights were all consistent at the V5 growth stage. Pollination was good on all hybrids and ears were filled with little tip die-back. Kernel size was good, but test weight was slightly low. There was no evidence of any disease, and stalks were still good and healthy at harvest.

**Oxford**—Emergence at this location was good and corn was uniform at the V5 growth stage. This sandier soil was drought-stressed during July, which hurt the pollination of several hybrids. All corn plants were short and standing perfectly. There was very little evidence of any disease that affected yield. Corn did dry down pretty well for the late planting date and the cool summer. Ears had a good deep kernel set and solid cobs.

**Plover**—This location had great emergence and was off to a won-

derful start, but a lack of rainfall around pollination really hurt the yield potential of this crop. Several hybrids did not have very good kernel set. Corn was all standing well and still had decent stalk strength at harvest. This site was harvested with high-grain moisture because it was being bagged as wet corn for feed. This was done to comply with requirements for Duracade-containing products, which must be used for feed.

**Pulaski**—Because of the constant wet spring, this location was not planted. We were hoping to get a window to plant on June 9, but Mother Nature unleashed another 1.5" of rainfall on the evening of June 8. It was decided that because of the time that had elapsed, the full-season corn would have little chance to mature before harvest.

**Taylor**—Spring conditions in this area were wet to say the least, which caused a brief delay in planting. The tests did have a good first part of the season, but things

went downhill from there. The rest of the season was cooler than we would like to have seen, causing some of the low yield levels that were recorded. The average yield here was only 137.1 bu. per acre in the early-season test and even less in the full-season test, with only 133.3 bu. per acre. Stalk quality was beginning to deteriorate rapidly at the time of harvest, and test weights were less than desirable.

**Tomah**—This site has a good heavy soil type for the area and is on the crest of a hill, allowing for good drainage. Good timely rainfalls this season made for some really good yields at this location. Emergence was excellent for most hybrids, followed by a great pollination. Ears were of good size and girth. Kernel set was deep and there was little evidence of any diseases. Corn was several points drier than in years past. The average yield from this location was 200.5 bu. per acre in the early-season test and 199.9 bu. per acre in the full-season test.

Site Information Wisconsin Central						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Fox Lake	silt loam	conventional	alfalfa	262	5/18	3.65	8.84	1.32	4.46	-3.24	0.84
Oxford	silt loam	conventional	soybean	200	5/24	4.45	9.45	1.93	5.25	-2.43	1.36
Plover	sandy loam	minimum	soybean	150	5/17	4.59	6.79	1.00	9.80	-2.92	5.89
Pulaski	sand	minimum	soybean	n/a	n/a	2.92	3.42	1.51	3.88	-2.18	0.24
Taylor	silt loam	conventional	corn	119	5/17	5.93	6.70	3.08	4.32	-1.42	-0.37
Tomah	sandy loam	minimum	soybean	145	5/18	6.65	8.29	3.70	6.21	-0.71	1.84

Rainfall obtained on-site (\* denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com). Rainfall Normals (1981-2010) from National Climatic Data Center.

# FIRST Wisconsin Central Corn Results



## EARLY-SEASON TEST 93-98 Day CRM

Top 30 of 45 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Fox Lake	Oxford	Plover	Pulaski	Taylor	Tomah
NK Brand	N35T-3110	3110	AVC,C5	95	189.8	24.3	2	649	3	<b>239.9</b>	182.6	161.6		146.5	<b>218.3</b>
LG Seeds	LG5460STX	STX	AC,P5V	97	189.5	23.8	2	651	2	229.3	192.3	<b>174.6</b>		153.5	<b>197.9</b>
NK Brand	N37R-3111	3111	AVC,C5	97	189.2	25.3	2	642	5	222.4	<b>204.8</b>	<b>155.7</b>		145.0	<b>218.0</b>
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	188.7	23.1	2	652	1	<b>233.9</b>	193.3	162.7		128.7	<b>224.9</b>
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	187.6	23.9	2	644	4	225.4	200.0	153.6		148.2	210.8
Jung	7S381RIB	STX,B	AC,P5V	94	186.5	24.2	2	639	6	225.1	197.9	164.7		145.8	199.2
Renk	RK596SSTX	STX	AC,P2	98	184.4	25.1	2	626	9	218.8	194.2	138.0		156.9	214.3
Titan Pro	2M95-2P	VT2P,B	AC,P2	95	184.3	25.2	2	626	10	223.6	195.2	133.7		156.8	212.2
Great Lakes	4548STX	STX	AC,P5V	95	184.2	24.5	2	629	7	230.8	181.6	147.3		151.5	209.8
Golden Harvest	G95D32-3110	3110	AVC,C5	95	183.6	25.4	2	622	13	225.0	196.0	161.9		143.2	191.7
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	183.5	26.3	2	617	18	225.7	192.8	148.4		129.7	<b>221.0</b>
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	183.0	25.5	2	619	15	218.2	197.5	151.2		153.4	194.5
Integra	4342VT2PRIB	VT2P,B	AC,P5V	93	182.7	23.9	2	627	8	219.9	188.3	156.3		144.4	204.7
Channel	196-77STXRIB	STX,B	AC,P5V	96	182.2	24.1	2	624	12	224.2	178.7	142.8		<b>161.3</b>	204.2
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	182.2	24.8	2	621	14	217.3	187.0	146.4		<b>160.9</b>	199.3
Viking	E52-95R	VT2P,B	AC,P2	95	182.1	25.2	2	618	17	222.0	193.2	152.7		125.4	217.0
Latham	LH4455VT3PRORIB	VT3P,B	AC,P2	94	181.0	24.7	2	617	19	219.2	175.4	163.2		139.4	207.9
Golden Harvest	G97X48-3111	3111	AVC,C5	97	181.0	25.2	2	614	22	221.4	184.9	155.3		144.7	198.5
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	180.1	26.1	2	606	26	228.0	190.8	157.5		116.7	207.5
Dyna-Gro	D37SS60	STX	AC,P5V	97	179.8	24.3	2	615	20	230.2	177.8	163.6		126.5	201.1
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	179.8	25.1	2	611	24	214.8	195.6	144.7		149.2	194.8
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96	179.0	23.9	2	615	21	231.0	169.5	161.2		133.5	199.8
LG Seeds	LG5415STX	STX	AC,P5V	93	178.7	22.9	2	619	16	218.8	184.8	161.8		143.9	184.4
Renk	RK557SSTX	STX,B	AC,P2	95	178.4	25.1	2	606	27	220.3	188.0	149.8		142.2	192.5
Kussmaul	SS-092	STX	AC,P2	92	178.1	23.8	2	612	23	218.6	172.0	158.3		142.3	199.4
Latham	LH4679SSRIB	STX,B	AC,P5V	96	177.4	25.4	2	601	30	216.1	175.8	150.2		149.9	195.0
Stine	R9313VT2Pro	VT2P,B	AC,P2	95	176.7	23.4	2	609	25	223.0	172.0	158.1		131.3	198.9
Rob-See-Co	Innotech IC4654^	3111	CM,C2	96	176.6	24.2	2	605	28	222.9	183.3	123.0		149.9	203.7
Renk	RK522SSTX	STX,B	AC,P2	94	176.5	24.1	2	605	29	208.2	201.2	139.3		119.0	214.6
Channel	195-58STXRIB	STX,B	AC,P5V	95	174.7	23.6	2	601	31	221.5	183.7	154.7		128.5	185.1
Pioneer	P0062AM1 CK	AM1,AQ,B	MQ,P1V	100	182.9	24.5	2	625	11	222.5	181.9	145.3		155.8	209.1
<b>Test Average =</b>					<b>178.6</b>	<b>24.3</b>	<b>2</b>	<b>611</b>		<b>220.3</b>	<b>184.3</b>	<b>150.7</b>		<b>137.1</b>	<b>200.5</b>
LSD (0.10) =					11.4	0.9	ns			11.1	17.6	15.7		20.8	17.2

Test not planted due to persistent wet soil conditions

## FULL-SEASON TEST 99-102 Day CRM

Top 30 of 36 tested

LG Seeds	LG5502STX	STX	AC,P5V	102	181.5	27.6	2	603	1	213.7	172.4	<b>169.1</b>		<b>155.0</b>	197.5
Jung	7S522RIB	STX,B	AC,P5V	101	179.4	27.0	2	599	5	219.4	179.0	148.8		148.3	201.4
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	179.3	26.6	4	601	3	217.7	<b>196.0</b>	152.2		127.9	202.9
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	179.2	26.6	2	601	4	222.1	190.0	124.1		<b>164.9</b>	195.1
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	177.5	28.2	2	586	11	207.8	178.4	126.5		150.8	<b>224.0</b>
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	177.2	26.2	3	596	6	219.8	183.1	138.3		132.0	213.0
Latham	LH5088SSRIB	STX,B	AC,P5V	100	177.0	26.7	2	593	8	215.6	185.9	<b>154.2</b>		134.4	195.1
Viking	T51-01R	GT,B	CM,C2	101	176.2	27.1	2	588	10	222.2	179.2	140.9		145.8	192.8
Dairyland	DS9900SSX	STX	CM,C2	99	176.0	27.3	2	586	12	218.6	173.3	<b>164.8</b>		128.5	195.0
Latham	LH4974-3111A	3111A	CM,C2	99	175.8	26.1	2	592	9	221.7	187.0	133.7		123.6	213.1
Latham	LH5186VT3PRORIB	VT3P,B	AC,P2	101	175.6	25.6	2	594	7	213.8	176.7	143.6		134.6	209.4
Golden Harvest	G01P52-3011A	3011A	AVC,C5	101	175.6	27.6	2	583	14	210.5	180.5	137.7		141.1	208.3
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	175.0	27.4	2	582	17	210.7	189.7	134.4		136.9	203.5
Renk	RK629VT3P	VT3P,B	AC,P2	101	174.9	27.2	3	583	15	210.0	183.3	113.1		<b>155.0</b>	213.1
Viking	D81-01RL	STX,B	AC,P5V	101	173.7	26.4	2	583	16	218.0	164.1	128.1		145.0	213.3
NuTech/G2 Gen	5F-399^	AM,B	MQ,P5V	99	173.1	27.3	3	577	21	<b>238.7</b>	189.7	141.7		109.9	185.3
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	172.7	28.9	2	567	28	212.0	184.4	135.5		123.5	208.1
Channel	202-64STXRIB	STX,B	AC,P5V	102	172.6	25.6	2	584	13	216.1	179.5	134.8		136.0	196.5
NK Brand	N42Z-5222	5222,B	AVC,C5	99	172.6	26.1	2	581	18	215.5	164.8	143.3		129.8	209.5
Jung	7S495RIB	STX,B	AC,P5V	99	172.6	26.4	2	580	19	221.4	172.3	132.8		142.1	194.4
Renk	RK581SSTX	STX,B	AC,P2	100	171.5	26.5	2	575	24	199.2	175.0	136.2		<b>155.9</b>	191.3
Renk	RK605SSTX	STX	AC,P2	100	170.9	25.5	2	578	20	218.4	188.0	117.9		116.3	213.7
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	170.5	25.5	2	577	22	212.7	168.6	152.5		110.5	208.3
FS InVISION	FS 49TX1 RIB	STX,B	AC,P5V	99	170.3	25.5	2	576	23	214.1	174.7	128.4		145.0	189.4
Channel	201-39STXRIB	STX,B	AC,P5V	101	170.2	26.3	2	572	27	207.6	180.2	131.3		126.6	205.2
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	169.9	25.7	3	574	25	221.5	181.0	126.2		120.0	201.0
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	169.6	25.7	2	573	26	<b>236.9</b>	161.2	145.3		105.6	199.0
Titan Pro	TP 35-01 2P	VT2P,B	AC,P2	101	168.5	26.4	3	566	29	215.5	163.8	145.3		125.6	192.2
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	167.0	26.5	2	560	30	224.8	177.5	127.2		119.9	185.4
Stine	R9424SS	STX,B	AC,P2	99	166.4	26.3	2	559	31	217.1	163.8	132.4		135.5	183.1
Pioneer	P0062AM1 CK	AM1,AQ,B	MQ,P1V	100	177.6	25.2	2	603	2	219.4	182.7	141.5		139.9	204.7
<b>Test Average =</b>					<b>172.7</b>	<b>26.8</b>	<b>2</b>	<b>578</b>		<b>217.0</b>	<b>176.5</b>	<b>136.9</b>		<b>133.3</b>	<b>199.9</b>
LSD (0.10) =					11.8	1.2	ns			10.9	16.9	16.8		21.5	18.6

Test not planted due to persistent wet soil conditions

Bold yields are significantly above test average.



Jason Beyers, FIRST Manager



**Corn Stats:**

Yield Range: 166.5-214.3  
 Yield Average: 195.2  
 Top \$ Per Acre: \$758.00

**Corn Field Notes: Wisconsin South**

**Arlington**—Seedling emergence in these tests was severely hurt with a pounding rain the night after planting. FIRST farmer member Sidney Stibbs planted around the site at the same time, and that area was impacted just as badly. Plants that were still present at harvest were good and healthy. Ear size was tremendous and kernels were filled to the tip. It is safe to say that yields would have been higher if everything could have emerged. There was no evidence of any disease, and corn was starting to dry down well after the cool summer.

**Janesville**—Stands were excellent at this location, with ideal emergence. Corn was uniform at growth stage V5. The test location received good rainfalls for most of the season. Plant health was starting to deteriorate by the time of harvest, but it was also finally starting to dry down. In late September there was evidence of some common rust on the leaves, but that was about it. Overall, this was a nice uniform location.

**Oregon**—This location was a little wet during the early part of the season and cool throughout the rest of the season. Most hybrids appeared to pollinate pretty well and had good, deep kernel set. There seemed to be very little disease that affected the site. Everything was standing excellently and appeared to have good stalk strength. It was nice to see that some of the corn was starting to dry down a little better by harvest time.

**Spring Green**—This test site was off to a great start with good emergence and uniform stands near the V4 growth stage. It received good rainfall during June, yet FIRST farmer member Will Hutters commented that it did not rain for six weeks in July and August. He also said that he had to irrigate the site six different times. Stalk quality was still very good at the time of harvest, and most hybrids were standing really well. There was evidence that anthracnose was present on some of the upper parts of the plants.

**Watertown**—This site started off really well, with good emergence and great early-season vigor. Rain-fall was pretty good until July, when the sandy soil here was allowed to dry out. Corn was all still standing great at harvest, with little evidence of any disease. A pinch test indicated that about 50% of the stalks were starting to get weak. Ears had good kernel set, but they were not very large. Test weights were lower than average.

**Woodstock**—There was an attempt to plant this site on May 9, but soil conditions were marginal. A return to the site two days later revealed that soil conditions were ideal, but then the site received a heavy, pounding rain. This caused a hard crust for the corn to emerge through. Several hybrids struggled to establish uniform stands. Stalk quality was still excellent at the time of harvest, with most still having some green appearance. The hybrids in the tests compensated quite well for the struggles they faced.

Site Information Wisconsin South						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Arlington	silt loam	conventional	corn	168	5/11	4.50	9.22	0.84	3.61	-3.32	-0.29
Janesville	silt loam	minimum	soybean	168	5/10	4.40	6.12	0.67	6.62	-3.26	2.32
Oregon	silt loam	strip-till	soybean	201	5/10	5.72	8.75	2.04	5.28	-1.67	0.89
Spring Green	sandy loam	minimum	soybean	220	5/10	2.49	8.50	1.34	3.85	-3.48	-0.39
Watertown	sandy loam	conventional	soybean	166	5/11	4.75	8.13	0.96	3.51	-3.76	-0.55
Woodstock	silt loam	conventional	soybean	217	5/11	7.09	9.14	2.63	7.08	-1.53	2.71

Rainfall obtained on-site (\* denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com). Rainfall Normals (1981-2010) from National Climatic Data Center.

# FIRST Wisconsin South Corn Results



## EARLY-SEASON TEST 99-104 Day CRM

Top 30 of 45 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Arlington	Janesville	Oregon	Spring Green	Watertown	Woodstock
Jung	7S522RIB	STX,B	AC,P5V	101	<b>214.3</b>	20.4	2	758	1	<b>209.6</b>	228.0	177.7	240.0	<b>193.7</b>	<b>236.7</b>
LG Seeds	LG5502STX	STX	AC,P5V	102	<b>213.8</b>	21.4	2	750	2	<b>221.1</b>	228.0	186.8	<b>243.8</b>	<b>183.6</b>	219.3
AgriGold	A6300STX	STX	AC,P5V	103	205.3	20.7	2	725	3	191.8	221.1	<b>193.3</b>	229.0	<b>185.9</b>	210.5
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	203.8	20.2	2	722	4	194.8	213.7	188.2	233.2	176.1	216.6
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	203.3	19.9	2	722	5	194.4	211.9	184.8	233.5	176.5	218.5
Renk	RK629VT3P	VT3P,B	AC,P2	101	202.3	21.4	2	710	6	199.0	220.2	181.5	235.2	162.7	215.3
Titan Pro	2M04-2P	VT2P,B	AC,P2	104	202.3	23.3	2	698	14	178.4	219.6	<b>186.2</b>	<b>241.9</b>	<b>162.9</b>	<b>225.0</b>
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	202.0	21.6	2	707	9	191.0	230.5	169.1	<b>241.1</b>	167.3	212.7
Jung	7S577RIB	STX,B	AC,P5V	104	201.8	21.3	2	709	8	194.2	228.6	186.8	<b>243.1</b>	136.9	221.3
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	201.7	21.5	2	707	10	194.4	219.4	<b>172.4</b>	<b>243.1</b>	163.8	217.3
Federal	5440SSTAX	STX	AC,P5V	104	201.6	22.6	2	700	13	186.3	224.6	167.2	236.9	<b>180.1</b>	214.4
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	200.7	21.3	2	705	11	178.1	229.5	174.9	221.1	170.8	<b>229.9</b>
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	200.5	21.6	2	702	12	184.4	226.1	182.2	<b>249.8</b>	136.8	<b>223.4</b>
Latham	LH5219SSRIB	STX,B	AC,P5V	102	200.4	22.8	2	695	16	181.6	223.6	173.6	<b>241.3</b>	173.0	209.5
Jung	7S579RIB	STX,B	AC,P5V	104	200.2	22.3	2	697	15	<b>208.4</b>	217.1	182.5	227.2	149.9	216.3
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	199.6	19.8	2	710	7	187.9	206.8	182.0	229.7	<b>179.2</b>	211.9
Channel	203-44STXRIB	STX,B	AC,P5V	103	198.7	21.7	2	695	17	173.6	220.0	188.0	238.9	157.7	214.0
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V	102	196.9	21.8	2	688	24	196.1	198.2	170.2	240.9	161.5	214.6
Channel	202-64STXRIB	STX,B	AC,P5V	102	196.3	21.0	2	691	20	185.7	200.7	180.2	<b>246.1</b>	167.6	197.3
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	196.1	21.1	2	690	21	172.4	218.0	166.5	236.9	174.2	208.7
Dyna-Gro	D42SS42	STX	AC,P5V	102	196.1	22.2	2	683	26	181.7	211.0	173.8	240.9	173.3	195.7
Dairyland	DS9900SSX	STX	CM,C2	99	195.7	20.8	2	690	22	184.8	215.7	187.3	215.0	169.7	201.9
Federal	5140SSTAXRIB	STX,B	AC,P5V	101	195.6	20.2	2	693	18	185.6	205.0	181.4	227.6	165.2	208.5
Golden Harvest	G99Z33-3111A	3111A	CM,C2	99	195.3	20.0	2	693	19	185.8	214.5	179.1	223.8	162.0	206.6
Latham	LH5088SSRIB	STX,B	AC,P5V	100	195.1	21.8	2	682	27	186.4	205.7	186.0	224.1	166.3	202.2
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102	195.0	22.3	2	679	28	183.0	<b>238.0</b>	182.2	193.2	159.5	214.2
Golden Harvest	G02W74-3000GT	3000GT	AVC,C5	102	194.5	20.3	2	689	23	175.1	211.0	187.9	230.0	164.3	198.8
Renk	RK605SSTX	STX	AC,P2	100	192.2	19.5	2	685	25	186.7	225.6	175.6	224.9	157.4	183.1
Renk	RK666SSTX	STX,B	AC,P2	102	191.8	20.4	2	679	29	184.0	202.3	178.3	224.2	154.9	207.1
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	191.4	20.5	2	677	30	168.1	210.6	176.3	224.5	168.0	201.1
Pioneer	PO407AMXT CK	AMXT,AQ,B	MQ,P1V	104	193.6	22.6	2	672	33	190.7	220.1	164.6	224.1	163.8	198.3
<b>Test Average =</b>					<b>195.3</b>	<b>21.1</b>	<b>2</b>	<b>687</b>		<b>184.6</b>	<b>214.7</b>	<b>177.2</b>	<b>228.4</b>	<b>161.5</b>	<b>205.2</b>
LSD (0.10) =					10.1	0.7	ns			16.7	15.9	14.4	12.6	16.8	17.9

## FULL-SEASON TEST 105-108 Day CRM

Top 30 of 45 tested

Pioneer	P0832AMX	AMX,B	MQ,P1V	108	<b>209.4</b>	25.2	2	711	1	185.4	<b>234.5</b>	175.8	244.0	<b>180.8</b>	<b>235.9</b>
Renk	RK752SSTX	STX,B	AC,P2	105	<b>208.8</b>	24.8	2	711	2	<b>206.5</b>	222.1	180.2	246.3	161.0	<b>236.4</b>
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	<b>206.2</b>	24.3	2	705	4	190.0	<b>244.0</b>	183.9	248.7	146.0	224.6
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	<b>206.0</b>	23.5	2	710	3	179.7	220.7	<b>189.4</b>	247.9	<b>170.8</b>	227.7
Jung	7S671RIB	STX,B	AC,P5V	107	204.5	24.3	2	700	5	178.2	218.5	182.6	250.9	162.0	<b>234.8</b>
Titan Pro	2M07-SS	STX,B	AC,P5V	107	204.2	25.2	2	693	8	185.9	225.4	176.3	<b>255.1</b>	158.3	224.0
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	202.6	25.9	2	683	11	186.0	222.6	158.8	<b>252.8</b>	<b>183.8</b>	211.5
Great Lakes	5566STX	STX	AC,P5V	105	201.8	22.7	2	700	6	<b>205.1</b>	218.6	184.7	240.5	156.0	206.0
NK Brand	N58S-3111	3111	AVC,C5	106	201.5	24.1	2	691	9	182.8	226.3	174.9	235.4	<b>174.7</b>	215.1
Kussmaul	SS-1008RIB	STX,B	AC,P5V	108	200.5	25.2	2	680	13	183.8	223.6	162.8	245.5	<b>150.6</b>	<b>236.5</b>
Dyna-Gro	D46SS46	STX	AC,P5V	107	199.8	23.2	2	690	10	182.1	220.2	161.4	244.3	167.0	223.9
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	199.7	22.3	2	695	7	184.3	212.1	173.0	241.1	156.4	231.1
Federal	5730SSTAX	STX	AC,P5V	107	199.1	25.0	2	677	17	173.8	223.7	173.0	250.0	148.5	225.4
Golden Harvest	G06N80-3111	3111	AVC,C5	106	198.9	24.4	2	680	14	186.2	224.4	156.1	243.1	156.0	227.4
Golden Harvest	G07F23-3111	3111	AVC,C5	107	198.9	25.5	2	673	19	190.5	204.7	176.5	246.3	153.8	221.3
NK Brand	N59B-3111A	3111A	AVC,C5	107	198.5	27.3	2	661	31	<b>200.0</b>	206.6	177.9	223.9	155.5	226.9
Federal	5640SSTAX	STX	AC,P5V	106	198.4	24.0	2	681	12	181.5	215.6	173.3	240.1	157.3	222.3
Renk	RK776SSTX	STX,B	AC,P2	107	197.4	25.5	2	668	25	169.8	222.1	183.0	238.4	149.5	221.8
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	196.8	23.2	2	680	15	176.5	213.9	175.5	240.9	156.8	217.2
AgriGold	A6376STXRIB	STX,B	AC,P5V	106	196.8	24.6	2	671	21	175.3	217.3	181.6	228.6	156.9	221.1
Latham	LH5829SSRIB	STX,B	AC,P5V	108	196.2	23.7	2	675	18	193.5	222.6	167.8	<b>253.6</b>	144.8	195.1
AgriGold	A6351STX	STX	AC,P5V	105	195.9	22.8	2	679	16	185.3	221.3	176.0	218.5	157.3	217.2
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	194.7	24.3	2	666	26	158.7	216.9	174.1	233.8	149.7	<b>234.7</b>
Latham	LH5534-3000GT	3000GT	CM,C2	105	194.4	23.2	2	671	22	195.1	211.9	167.2	219.5	153.3	219.1
Latham	LH5779SSRIB	STX,B	AC,P5V	107	194.3	24.3	2	665	27	186.3	223.9	163.0	242.8	134.6	215.3
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	194.2	23.3	2	670	23	187.6	207.0	165.9	246.9	151.4	206.4
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	194.0	24.2	2	664	28	185.2	<b>232.0</b>	161.3	245.3	152.7	187.4
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	193.3	24.0	2	663	29	173.7	222.5	172.5	221.5	152.2	217.1
LG Seeds	LG5523STX	STX	AC,P5V	105	193.1	22.8	2	669	24	188.1	208.4	185.4	225.8	138.2	212.6
Dairyland	DS6805	STX	CM,C2	105	190.7	22.5	2	663	30	171.7	209.0	165.7	224.9	159.4	213.5
Pioneer	PO407AMXT CK	AMXT,AQ,B	MQ,P1V	104	193.9	22.6	2	673	20	195.4	220.0	165.1	222.0	159.3	201.4
<b>Test Average =</b>					<b>195.1</b>	<b>24.2</b>	<b>2</b>	<b>668</b>		<b>180.8</b>	<b>216.0</b>	<b>170.7</b>	<b>236.9</b>	<b>151.7</b>	<b>214.2</b>
LSD (0.10) =					9.8	0.9	ns			17.3	14.2	14.9	14.6	17.7	19.0

**Bold** yields are significantly above test average.



Jason Beyers, FIRST Manager



**Corn Stats:**

Yield Range: 173.7-216.2  
 Yield Average: 198.2  
 Top \$ Per Acre: \$728.00

**Corn Field Notes: North Central Tri-State**

**Lancaster**—Everything at this location was great until just prior to pollination, when the site received strong winds that laid most of the corn flat on the ground. The storm was so bad that FIRST farmer member Darrel Crapp called and said the site was done for this year. Thankfully, however, the soil was saturated, allowing plants and roots to tip over without stalk greensnap. Corn goosenecked back up and pollinated fairly well. Darrel was thankful that the corn bounced back. There was very little disease to mention.

**Manchester**—This location received heavy rainfalls shortly after planting that reduced stands in a good portion of the hybrids. Cool, wet conditions continued during the month of June. As a result, most hybrids were short with medium-height ear placement. There was evidence of anthracnose in most of the test plots, and some hybrids appeared to experience premature death. Ear shanks were still strong, as was stalk strength,

resulting in only the ears flowing up the corn head.

**Miles**—This location started off great with good emergence and looked nice and uniform at growth stage V5. Most of the lodging that was noted was due to a strong windstorm that caused goosenecking. It was noted in September that most hybrids were showing symptoms of anthracnose and several other windborne diseases. FIRST farmer member John Wilsons was fortunate enough to see that corn was finally starting to dry down by harvest. The average yield from this site was 205.7 bu. per acre in the early-season test and 227.9 bu. per acre in the full-season test.

**Milledgeville**—This location received a nice half-inch of rain literally minutes after planting, creating an almost perfect germination. Rainfall was ample in June, and July produced a couple of small key rains. There was extensive wind damage prior to pollination, but most corn goosenecked back up. There was anthracnose present

prior to harvest, but it did not appear to limit yield. Kernel size was good, but test weights were lower than average.

**Postville**—This site was in excellent condition all year long. Plants still had good stalk strength at harvest and stand was excellent. There was no disease found at harvest. Ears had a good healthy girth and good kernel fill. Ear shanks were still good and ridged, making harvest easy with little plant material entering the combine. The only downfall was that the cool season kept the grain from drying down.

**Warren**—Corn here got off to a slow start. Rainfall shortly after planting made for some cool, wet soil conditions, affecting germination of some hybrids. The persistent cool conditions hampered corn growth and development. At the time of harvest, stalk conditions were starting to deteriorate, with over 75% of plants failing a pinch test. Ear and kernel size were good for most hybrids, but test weight was less than desirable.

Site Information North Central Tri-State						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Lancaster	silt loam	conventional	corn, 2+ yr	235	5/9	2.34	8.97	1.25	4.47	-3.07	0.27
Manchester	loam	conventional	corn, 2+ yr	200	5/7	3.28	9.94	2.79	4.97	-2.12	0.13
Miles	clay loam	minimum	soybean	158	5/8	3.60	8.08	1.57	2.15	-2.45	-2.43
Milledgeville	silt loam	conventional	soybean	209	5/20	4.44	9.38	2.19	3.03	-2.10	-1.44
Postville	silt loam	minimum	soybean	220	5/9	3.48	12.46	1.71	4.96	-2.74	0.30
Warren	silt loam	conventional	corn, 2+ yr	247	5/7	3.32	14.77	2.44	5.84	-1.43	1.24

Rainfall obtained on-site (\* denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com). Rainfall Normals (1981-2010) from National Climatic Data Center.

# FIRST North Central Tri-State Corn Results



## EARLY-SEASON TEST 101-106 Day CRM

Top 30 of 63 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Lancaster	Manchester	Miles	Milledgeville	Postville	Warren
Titan Pro Renk	TP 39-05 SS RK712SSSTX	STX,B STX	AC,P5V AC,P2	105 106	<b>209.9</b> 206.7	24.6 24.8	7 7	716 704	2 7	186.9 180.2	191.6 191.5	<b>225.9</b> 211.6	206.5 <b>222.0</b>	<b>243.7</b> 221.7	204.8 <b>213.3</b>
NuTech/G2 Gen Jung	5H-806^ 7S522RIB	HX,RR2 STX,B	CM,C2 AC,P5V	106 101	206.3 206.2	24.0 20.7	6 11	708 728	5 1	188.9 185.2	<b>216.7</b> 167.6	206.6 <b>223.4</b>	<b>205.8</b> 203.9	219.7 <b>246.6</b>	200.1 <b>210.4</b>
Kruger NuTech/G2 Gen	K4R-9204 5F-805^	STX,B AM,B	AC,P5V MQ,P5V	104 105	206.2 205.2	22.9 24.8	10 6	714 699	4 11	187.1 168.6	197.9 <b>221.6</b>	215.6 212.4	<b>218.8</b> 214.9	219.1 220.3	198.8 193.5
Cornelius Dairyland	C457SS DS9305RA	STX STX,B	AC,P5V CM,C2	105 105	204.8 203.4	25.6 24.2	8 5	693 696	16 13	176.8 178.2	198.5 <b>202.7</b>	210.9 213.3	<b>221.6</b> 215.0	219.9 210.5	201.1 200.8
Jung Wyffels	7S579RIB W3998RIB	STX,B STX,B	AC,P5V AC,P5V	104 105	203.1 202.8	22.9 23.1	7 6	703 701	8 10	190.6 180.6	195.5 <b>205.8</b>	214.6 202.5	210.0 200.9	220.1 226.8	187.5 200.3
Cornelius NuTech/G2 Gen	C533SS 5Z-002^	STX OI	AC,P5V MQ,P1V,R	106 102	202.4 201.5	24.8 21.4	9 10	689 707	21 6	192.5 184.6	178.0 169.4	211.4 201.3	<b>234.0</b> 212.9	200.6 <b>233.4</b>	198.1 207.4
Kruger NK Brand	K4R-9406 N58S-3111	STX,B 3111	AC,P5V AVC,C5	106 106	201.3 200.2	23.6 24.5	10 7	693 684	17 25	181.0 <b>196.8</b>	190.0 190.1	216.0 189.5	<b>208.2</b> <b>222.8</b>	217.4 222.2	195.0 179.6
Renk Great Lakes	RK752SSSTX 5428STXRIB	STX,B STX,B	AC,P2 AC,P5V	105 104	200.2 199.8	24.8 22.4	9 8	682 695	27 14	181.9 189.0	184.0 184.8	<b>228.4</b> 204.3	207.2 206.4	206.0 206.0	193.5 208.5
FS InVISION Dairyland	FS 54ZX1 RIB DS6805	STX,B STX	AC,P5V CM,C2	104 105	199.4 199.3	22.6 24.2	6 6	692 682	18 28	187.9 178.7	199.1 175.6	197.0 207.5	211.4 213.9	213.6 218.8	187.3 201.5
FS InVISION Pioneer	FS 51TX1 RIB P0407AMXT	STX,B AMXT,AQ,B	AC,P5V MQ,P1V	101 104	198.3 198.1	20.2 23.8	10 6	703 681	9 29	189.6 153.5	160.1 193.5	216.5 201.8	202.7 197.0	211.1 <b>240.3</b>	<b>209.8</b> 202.3
Cornelius Dyna-Gro	C338DPDG D46SS46	VT2P,DG STX	CM,C2 AC,P5V	103 107	198.0 198.0	20.8 23.2	6 10	698 684	12 26	181.8 181.2	183.9 143.9	191.9 <b>224.8</b>	203.0 205.4	231.5 232.2	195.8 200.6
LG Seeds Renk	LG5523STX RK629VT3P	STX VT3P,B	AC,P5V AC,P2	105 101	197.5 196.5	23.4 21.3	7 7	681 690	30 19	<b>200.9</b> 162.5	197.1 200.1	206.5 192.5	<b>211.3</b> <b>219.0</b>	209.1 228.3	160.2 176.3
Kruger Jung	K4R-9304 7S577RIB	STX,B STX,B	AC,P5V AC,P5V	104 104	196.3 196.1	21.9 21.7	12 10	686 686	23 24	179.4 185.0	185.5 187.9	201.6 202.9	200.5 176.4	214.8 <b>238.7</b>	196.0 185.9
Federal Kruger	5140SSTXRIB K4R-9901	STX,B STX,B	AC,P5V AC,P5V	101 101	196.0 196.0	20.1 21.0	7 13	695 690	15 20	175.2 168.7	189.6 156.1	207.7 205.5	207.7 195.9	207.9 <b>239.5</b>	187.0 <b>210.5</b>
Wyffels Federal	W2888RIB 5530VT2PRIB	STX,B VT2P,B	AC,P5V AC,P2	102 105	195.2 194.9	20.9 21.8	6 9	688 681	22 31	183.7 168.5	165.6 155.5	<b>224.8</b> 194.8	200.8 <b>236.4</b>	206.0 214.9	190.3 199.3
Pioneer Test Average =	P0533AM1 CK	AM1,B	MQ,P1V	105	<b>207.2</b>	<b>23.2</b>	<b>8</b>	<b>716</b>	<b>3</b>	<b>199.6</b>	<b>198.6</b>	<b>208.7</b>	<b>205.7</b>	<b>206.0</b>	<b>215.2</b>
LSD (0.10) =					12.8	1.1	4			16.7	18.7	16.6	12.2	18.2	16.6

## FULL-SEASON TEST 107-110 Day CRM

Top 30 of 63 tested

Cornelius NuTech/G2 Gen	C621SS 5F-709^	STX AM,AQ,B	AC,P5V MQ,P5V	110 109	<b>216.2</b> <b>213.7</b>	27.4 26.8	11 5	720 715	1 2	<b>199.8</b> 193.6	<b>198.8</b> 190.8	240.2 <b>241.9</b>	221.2 <b>228.1</b>	<b>255.0</b> 238.3	182.2 189.3
LG Seeds Federal	LG5548STX 6050SSTAX	STX STX	AC,P5V AC,P5V	108 110	<b>213.0</b> <b>212.6</b>	27.4 27.5	6 5	709 706	3 5	197.5 <b>198.8</b>	187.4 184.3	231.4 <b>258.2</b>	<b>228.9</b> 216.6	<b>250.4</b> 225.9	182.5 191.5
AgriGold Channell	A6462STX 209-53STXRIB	STX STX,B	AC,P5V AC,P5V	110 109	211.5 210.7	27.5 26.4	6 7	703 708	7 4	188.0 193.3	194.1 <b>198.4</b>	<b>243.9</b> 230.7	222.6 203.8	237.4 <b>239.4</b>	182.8 <b>198.7</b>
Kruger NuTech/G2 Gen	K4R-9911 X5Z-0906^	STX,B OI	AC,P5V MQ,P1V,R	111 109	210.6 210.1	26.6 27.1	9 6	706 701	6 8	195.9 <b>201.0</b>	170.1 192.0	<b>249.5</b> <b>247.7</b>	225.1 221.2	234.3 216.0	188.8 182.4
Wyffels Cornelius	W6628RIB C574SS	STX,B STX	AC,P5V AC,P5V	110 107	208.2 207.9	27.2 25.9	6 9	694 701	13 9	178.2 173.7	<b>197.9</b> 179.9	220.9 239.3	212.3 <b>229.7</b>	<b>251.9</b> 226.3	187.7 <b>198.3</b>
NuTech/G2 Gen Pioneer	5F-008AM^ P0832AMX	AM,AQ,B AMX,B	MQ,P5V MQ,P1V	108 108	207.9 206.2	26.7 27.5	7 6	696 686	12 17	162.5 194.3	189.8 <b>208.1</b>	237.1 234.3	216.2 211.6	<b>253.7</b> 213.5	188.2 175.2
Champion AgriGold	CSX59A14SSRIB A6416STXRIB	STX,B STX,B	AC,P5V AC,P5V	109 107	206.1 205.6	27.4 26.0	9 6	686 693	18 14	181.9 181.9	167.9 <b>242.7</b>	<b>243.4</b> 226.4	212.4 221.4	248.8 182.2	182.0
Federal Kruger	5840SSTXRIB K4R-9708	STX,B STX,B	AC,P5V AC,P5V	108 108	204.9 204.2	27.2 24.6	11 6	683 697	22 11	193.1 187.6	163.6 181.4	<b>241.8</b> 229.2	<b>234.7</b> 219.2	218.6 219.0	177.8 188.8
LG Seeds Latham	LG55603STX LH5715VT2PRORIB	STX VT2P,B	AC,P5V AC,P2	110 107	204.1 203.5	26.7 25.4	10 7	684 689	21 16	194.3 185.4	180.1 186.6	230.8 235.2	207.9 223.3	229.9 224.9	181.3 165.5
NK Brand Renk	N60F-3111 RK776SSSTX	3111 STX,B	AVC,C5 AC,P2	107 107	203.1 202.9	26.6 27.2	5 9	681 676	24 26	181.0 189.7	<b>198.1</b> 165.5	217.2 233.0	221.4 222.8	221.8 232.0	179.3 174.5
Stine Federal	R9632SS 5940SSTAX	STX,B STX	AC,P2 AC,P5V	107 109	202.5 202.4	25.4 25.9	10 7	686 683	19 23	185.5 <b>203.9</b>	170.8 156.3	227.1 220.3	215.5 212.2	219.1 220.5	<b>196.7</b> <b>200.9</b>
Wyffels Wyffels	W5448 W4968	STX STX	AC,P5V AC,P5V	108 107	202.1 201.3	25.3 23.9	7 10	685 691	20 15	165.5 <b>200.0</b>	183.4 176.9	222.0 221.9	212.5 222.5	<b>256.6</b> 197.0	172.3 189.2
LG Seeds Cornelius	LG5579VT3PRIB C594VT3P	VT3P,B VT3P	AC,P5V CM,C2	109 110	201.1 200.9	26.7 26.2	6 6	673 676	30 27	174.0 166.4	190.7 155.1	217.3 236.6	221.5 216.2	231.3 233.7	171.8 <b>197.2</b>
Titan Pro Latham	TP 39-09 SS LH6089SSRIB	STX,B STX,B	AC,P5V AC,P5V	109 110	200.7 200.5	26.0 26.0	6 9	676 676	28 29	166.5 190.1	173.4 162.2	238.3 237.1	220.0 205.9	223.9 228.8	182.1 178.0
Wyffels Jung	W5138RIB 7S671RIB	STX,B STX,B	AC,P5V AC,P5V	108 107	200.1 199.3	26.2 24.6	6 6	673 680	31 25	181.0 191.6	161.6 178.3	<b>244.3</b> 227.1	216.3 215.3	236.4 214.2	161.1 169.0
Pioneer Test Average =	P0533AM1 CK	AM1,B	MQ,P1V	105	<b>203.4</b>	<b>23.8</b>	<b>10</b>	<b>699</b>	<b>10</b>	<b>191.1</b>	<b>197.3</b>	<b>210.6</b>	<b>214.3</b>	<b>202.8</b>	<b>204.2</b>
LSD (0.10) =					11.8	1.0	3			17.9	17.4	13.2	12.7	26.4	19.3

Bold yields are significantly above test average.



**Corn Stats:**  
 Yield Range: 185.8-235.3  
 Yield Average: 216.5  
 Top \$ Per Acre: \$829.00

## Corn Field Notes: Illinois North

Jason Beyers, FIRST Manager

Field information on growing conditions to be found at [www.firstseedtests.com](http://www.firstseedtests.com)

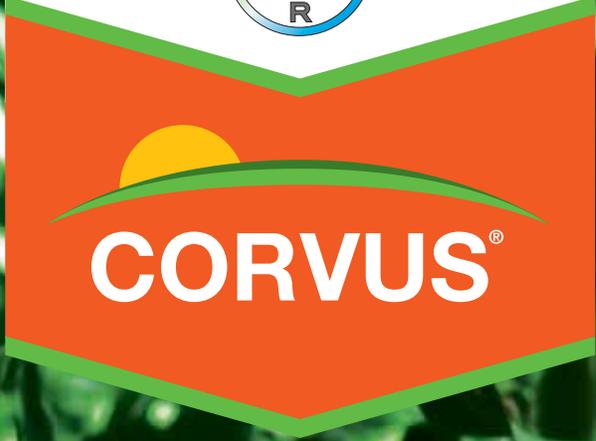
### ULTRA EARLY-SEASON TEST 101-105 Day CRM Top 30 of 48 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Geneseo	Grand Ridge	Malta	Mazon	Sublette	Winnebago
Renk	RK752SSTX	STX,B	AC,P2	105	<b>226.6</b>	19.8	7	806	5	209.3	222.5	205.7	<b>251.9</b>	223.7	<b>246.4</b>
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	225.5	18.2	6	813	1	<b>222.3</b>	<b>248.1</b>	194.2	228.8	240.9	218.7
Dairyland	DS6805	STX	CM,C2	105	224.7	18.8	5	806	6	217.4	237.1	194.0	<b>240.9</b>	218.8	<b>239.7</b>
Stone	5118RIB	STX,B	AC,P5V	101	223.7	17.5	3	811	2	<b>218.9</b>	223.5	199.7	223.5	242.1	<b>234.4</b>
Pfister	2399GT3000	3000GT	CM,C2	104	223.4	17.8	11	808	4	206.6	<b>257.5</b>	179.2	229.8	<b>251.3</b>	216.1
Golden Harvest	G02W74-3000GT	3000GT	AVC,C5	102	222.5	17.2	4	809	3	204.2	239.2	203.9	233.8	237.1	216.8
Cornelius	C457SS	STX	AC,P5V	105	221.2	21.0	6	779	23	211.8	219.6	188.5	<b>252.9</b>	222.4	<b>232.2</b>
NK Brand	N50K-3000GT	3000GT	AVC,C5	103	221.0	18.5	6	794	8	<b>227.2</b>	228.8	203.1	<b>225.4</b>	217.4	224.2
Dairyland	DS9305RA	STX,B	CM,C2	105	220.7	19.7	4	785	17	206.6	243.4	201.5	<b>242.5</b>	220.5	209.7
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	220.2	17.2	3	800	7	195.6	242.0	199.7	234.4	227.7	221.6
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	219.4	17.8	4	793	9	<b>220.3</b>	227.6	199.0	219.3	226.0	223.9
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	219.4	17.9	5	793	10	209.3	221.9	201.0	228.8	222.7	<b>232.9</b>
AgriGold	A6300STX	STX	AC,P5V	103	219.2	17.7	3	793	11	204.8	231.0	196.4	222.8	<b>249.9</b>	210.1
Dyna-Gro	D42SS42	STX	AC,P5V	102	219.2	18.8	3	786	14	205.9	245.3	196.1	228.5	230.4	208.7
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	219.2	19.5	3	781	20	<b>220.5</b>	<b>245.6</b>	192.4	227.9	217.2	211.4
NuTech/G2 Gen	5H-905^	HX,RR2	MQ,P5V	105	219.0	18.1	6	790	12	204.5	228.4	186.9	227.6	241.4	225.4
Pioneer	P0533AM1	AM1,B	MQ,P1V	105	218.8	19.7	7	779	24	211.5	228.0	<b>210.5</b>	224.8	212.7	225.0
Golden Harvest	G03W95-3000GT	3000GT	AVC,C5	103	218.6	18.6	6	785	18	193.3	<b>251.1</b>	193.3	222.3	232.4	219.4
Stone	5418RIB	STX,B	AC,P5V	104	217.6	18.3	4	784	19	204.8	245.3	182.3	227.9	231.2	213.9
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	217.5	17.9	4	786	15	196.8	242.0	196.9	219.5	231.7	218.0
Pfister	2313RA	STX,B	CM,C2	104	217.3	19.5	6	775	27	216.1	234.4	185.0	221.0	235.5	211.5
Stone	5428RIB	STX,B	AC,P5V	104	217.2	18.7	3	780	21	188.8	<b>248.9</b>	197.3	222.3	243.0	202.9
NK Brand	N49W-3000GT	3000GT	AVC,C5	102	216.6	17.2	4	787	13	210.4	230.0	188.2	223.4	224.8	222.7
Renk	RK699SSTX	STX,B	AC,P2	105	216.2	18.8	3	775	28	194.8	238.2	198.5	228.9	227.1	209.8
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	215.7	16.9	5	786	16	204.7	208.2	195.8	224.6	235.1	225.7
Channel	202-64STXRIB	STX,B	AC,P5V	102	215.6	17.8	3	780	22	206.8	234.6	190.5	216.3	217.4	227.9
LG Seeds	LG5523STX	STX	AC,P5V	105	215.4	18.8	3	772	29	194.2	<b>250.5</b>	189.2	228.8	223.7	205.7
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104	215.4	19.3	3	769	30	199.1	236.5	199.1	209.3	236.3	211.8
LG Seeds	LG5522VT3PRIB	VT3P,B	AC,P5V	103	215.0	17.7	4	778	25	208.9	240.2	195.4	217.6	215.2	212.9
Cornelius	C338DPDG	VT2P,DG	CM,C2	103	213.6	17.1	4	777	26	196.3	229.1	201.2	203.4	233.7	217.8
<b>Test Average =</b>					<b>215.2</b>	<b>18.5</b>	<b>5</b>	<b>774</b>		<b>204.2</b>	<b>229.0</b>	<b>192.7</b>	<b>223.5</b>	<b>224.3</b>	<b>217.4</b>
LSD (0.10) =					10.8	0.7	4			13.7	16.5	13.4	16.6	19.6	13.6

**Bold** yields are significantly above test average.

Site Information						2014 Rainfall (inches)					
Illinois North						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Geneseo	silt loam	minimum	soybean	239	5/10	5.77	8.50	1.09	4.00	-2.96	-0.41
Grand Ridge	silty clay loam	conventional	corn, 2+ yr	241	5/5	5.14	7.07	1.37	5.70	-3.00	2.06
Malta	silty clay loam	conventional	corn, 2+ yr	256	5/7	3.03	9.41	2.64	4.67	-1.73	0.31
Mazon	silty clay loam	conventional	soybean	202	5/21	4.35	7.95	6.91	9.02	2.91	5.52
Sublette	silty clay loam	conventional	corn, 2+ yr	248	5/4	3.91	11.32	1.93	5.52	-2.30	1.43
Winnebago	silt loam	conventional	soybean	159	5/10	5.57	9.20	1.72	4.67	-2.55	0.06

Rainfall obtained on-site (\* denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com). Rainfall Normals (1981-2010) from National Climatic Data Center.



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- 1. Burndown** takes out early weeds.
- 2. Residual** prevents new weeds.
- 3. Reactivation** with rain gets late weeds.

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# FIRST Illinois North Corn Results



## EARLY-SEASON TEST 106-109 Day CRM

Top 30 of 60 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Genesee	Grand Ridge	Malta	Mazon	Sublette	Winnebago
Cornelius	C574SS	STX	AC,P5V	107	<b>235.3</b>	20.9	3	829	1	212.5	233.6	<b>205.0</b>	237.9	<b>278.7</b>	<b>244.1</b>
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	<b>234.7</b>	22.0	4	819	3	<b>250.4</b>	244.9	196.6	222.5	250.7	<b>243.2</b>
Golden Harvest	G06N80-3111	3111	AVC,C5	106	<b>229.9</b>	19.5	4	820	2	228.2	241.3	200.2	240.0	240.4	229.4
Pfister	2545SS	STX	AC,P5	107	<b>229.6</b>	22.5	4	798	11	<b>233.5</b>	237.3	191.1	227.7	241.8	<b>246.0</b>
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	<b>228.6</b>	21.3	5	803	7	212.1	237.2	<b>208.6</b>	240.0	245.4	228.2
Renk	RK791SSTX	STX,B	AC,P2	108	227.8	20.9	3	803	8	228.6	231.8	201.5	<b>247.7</b>	233.2	223.9
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	227.2	20.9	5	800	9	<b>236.1</b>	227.0	195.1	<b>226.0</b>	<b>254.5</b>	224.2
Titan Pro	2M07-SS	STX,B	AC,P5V	107	227.1	20.2	6	805	6	223.7	231.4	194.2	229.6	<b>255.5</b>	228.2
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	226.8	21.2	4	797	12	<b>234.8</b>	<b>249.5</b>	190.1	216.1	237.6	232.4
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	225.6	19.1	3	807	5	226.5	239.8	190.7	236.4	237.5	222.6
Stone	5828RIB	STX,B	AC,P5V	108	225.1	19.8	3	800	10	219.8	240.4	193.8	219.1	247.4	229.8
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	224.6	20.3	7	795	13	<b>236.3</b>	234.6	197.3	220.2	225.6	233.5
Wyffels	W5138RIB	STX,B	AC,P5V	108	224.2	21.3	4	787	18	224.3	239.5	199.7	239.4	225.9	216.4
Golden Harvest	G07F23-3111	3111	AVC,C5	107	224.0	21.3	4	786	21	216.9	242.0	190.9	220.9	240.2	233.2
Dyna-Gro	D48SS38	STX	AC,P5V	108	224.0	22.6	9	778	30	228.2	239.3	183.1	224.9	240.3	228.2
AgriGold	A6376STXRIB	STX,B	AC,P5V	106	223.9	20.1	6	794	15	203.3	239.2	199.1	230.3	235.3	236.2
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	223.9	21.1	4	787	19	223.1	241.3	184.4	229.9	225.5	<b>239.0</b>
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	223.7	20.4	5	791	17	209.4	240.3	193.9	238.9	230.4	229.3
NK Brand	N58S-3111	3111	AVC,C5	106	223.4	19.8	9	794	16	222.2	246.5	201.3	221.6	218.4	230.4
Channel	209-53STXRIB	STX,B	AC,P5V	109	222.4	21.5	6	780	28	209.7	232.2	197.0	232.2	236.6	226.9
Wyffels	W4968	STX	AC,P5V	107	222.2	19.1	7	795	14	188.3	233.7	201.8	236.6	249.6	223.3
Great Lakes	5688STXRIB	STX,B	AC,P5V	106	221.7	20.1	6	786	22	214.1	236.2	197.9	234.0	233.5	214.4
Renk	RK712SSTX	STX	AC,P2	106	221.1	19.9	6	786	23	216.2	246.7	194.5	214.6	240.6	213.7
YIELDirect	4L48-RIB	STX,B	AC,P5V	106	221.0	19.7	7	787	20	217.6	218.0	201.9	217.6	231.0	<b>239.9</b>
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	220.8	20.2	9	783	25	220.0	224.8	182.4	219.9	251.9	225.8
LG Seeds	LG5579VT3PRIB	VT3P,B	AC,P5V	109	220.6	21.0	5	777	31	217.2	243.9	177.9	220.4	237.3	226.8
Steyer	10803GENSS RIB	STX,B	CM,C2	108	220.1	19.7	5	783	26	214.3	235.5	189.9	231.7	232.7	216.2
Stone	5628RIB	STX,B	AC,P5V	106	219.6	19.2	5	785	24	216.6	231.3	201.8	205.0	246.5	216.3
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	219.1	19.5	5	781	27	225.2	240.2	187.8	211.3	226.2	223.6
Beck	5852D2	3111	Es,P1V	108	218.7	19.4	5	780	29	207.1	236.3	189.5	217.1	229.2	233.0
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	<b>233.5</b>	22.4	14	812	4	<b>229.2</b>	<b>249.9</b>	199.2	238.4	250.5	233.6
<b>Test Average =</b>					<b>219.3</b>	<b>20.8</b>	<b>7</b>	<b>773</b>		<b>213.7</b>	<b>232.8</b>	<b>189.7</b>	<b>222.4</b>	<b>232.2</b>	<b>224.9</b>
LSD (0.10) =					9.2	1.0	5			15.0	15.7	13.4	20.4	20.1	13.7

## FULL-SEASON TEST 110-113 Day CRM

Top 30 of 60 tested

Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	<b>234.1</b>	23.7	5	805	2	<b>237.6</b>	229.8	183.9	<b>247.8</b>	<b>260.8</b>	<b>244.8</b>
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	<b>233.2</b>	26.1	5	785	6	<b>229.3</b>	235.2	187.6	<b>255.9</b>	<b>257.9</b>	233.3
Wyffels	W7108	STX	AC,P5V	111	<b>231.7</b>	22.4	8	806	1	217.4	<b>245.3</b>	<b>210.2</b>	229.3	<b>259.9</b>	228.1
Wyffels	W7888RIB	STX,B	AC,P5V	114	<b>229.9</b>	26.4	8	772	8	<b>239.5</b>	228.3	190.5	224.6	<b>262.6</b>	<b>234.0</b>
Cornelius	C621SS	STX	AC,P5V	110	<b>227.5</b>	22.7	4	789	4	216.6	238.8	<b>202.5</b>	218.9	<b>257.0</b>	230.9
Renk	RK860VT3P	VT3P,B	AC,P2	111	<b>226.2</b>	22.2	6	788	5	227.8	<b>242.5</b>	<b>201.7</b>	225.3	228.2	231.5
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	<b>226.0</b>	26.9	6	756	12	<b>237.2</b>	228.6	189.9	228.7	244.6	226.9
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	<b>224.9</b>	28.2	7	743	19	<b>229.0</b>	228.4	<b>180.6</b>	232.9	<b>255.4</b>	222.8
AgriGold	A6462STX	STX	AC,P5V	110	<b>224.7</b>	23.0	4	777	7	225.9	227.7	<b>197.5</b>	230.8	240.9	225.6
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	223.5	25.2	9	759	10	<b>255.6</b>	223.0	186.1	213.9	228.1	<b>234.3</b>
Dyna-Gro	D52SS91	STX	AC,P5V	112	223.1	26.8	6	746	17	<b>230.8</b>	214.5	178.3	<b>240.6</b>	248.0	226.1
Dyna-Gro	D51SS54	STX	AC,P5V	111	221.6	23.1	8	766	9	226.7	<b>241.6</b>	185.3	231.8	220.9	223.4
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	221.2	25.6	13	748	16	<b>242.0</b>	222.9	171.2	230.2	230.1	230.5
Channel	213-59STXRIB	STX,B	AC,P5V	113	220.9	25.0	9	751	13	211.6	236.6	185.9	<b>246.2</b>	216.4	228.6
Stone	6258RIB	STX,B	AC,P5V	112	220.2	23.6	6	758	11	213.1	237.1	183.9	238.6	220.1	228.4
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	218.8	24.8	4	745	18	217.7	<b>241.8</b>	185.2	206.5	229.4	232.0
Renk	RK858VT3P	VT3P,B	AC,P2	112	218.5	23.7	7	751	14	208.7	236.8	176.1	221.4	237.8	230.4
Pfister	3366RA	STX,B	CM,C2	115	217.6	26.0	3	733	24	<b>232.2</b>	215.5	165.8	211.1	245.5	<b>235.7</b>
Cornelius	C744SS	STX	AC,P5V	113	217.4	25.9	7	733	25	213.2	219.8	179.6	227.1	245.0	219.5
Pioneer	P1221AMXT	AMXT,B	MQ,P1V	112	216.9	24.6	5	740	20	220.9	229.9	186.8	203.5	241.1	219.0
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	216.4	24.5	7	739	21	222.4	240.1	177.2	220.4	228.3	209.9
Channel	212-86STXRIB	STX,B	AC,P5V	112	215.4	24.6	7	735	22	214.1	221.5	183.0	219.6	238.7	215.5
Steyer	11004GENSS RIB	STX,B	CM,C2	110	215.0	21.9	9	751	15	212.2	221.8	187.3	214.6	234.3	219.6
Dairyland	DS9111RA	STX,B	CM,C2	111	214.2	24.1	10	734	23	207.8	218.4	179.1	222.6	231.8	225.2
Beck	XL 6175AMXT^	AMXT,B	Es,P1V	112	213.3	24.3	6	730	26	223.0	220.7	192.1	219.8	209.3	214.6
Pfister	2595RA	STX,B	CM,C2	111	213.0	24.4	5	728	29	207.2	224.9	170.3	231.2	218.3	226.3
Wyffels	W7448	STX	AC,P5V	112	212.9	24.0	13	730	27	211.6	214.2	176.2	224.6	227.6	223.4
Pfister	2574RA	STX,B	CM,C2	110	212.7	24.1	13	729	28	223.7	221.9	174.3	203.4	231.7	221.3
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	210.3	22.9	8	728	30	212.4	218.8	173.0	203.0	232.9	221.5
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	209.2	22.4	11	728	31	<b>232.1</b>	196.2	184.0	198.5	233.4	211.1
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	<b>230.9</b>	23.2	12	798	3	<b>231.5</b>	<b>247.1</b>	191.1	232.5	249.7	233.3
<b>Test Average =</b>					<b>215.0</b>	<b>24.7</b>	<b>8</b>	<b>733</b>		<b>213.9</b>	<b>224.3</b>	<b>179.8</b>	<b>220.2</b>	<b>231.5</b>	<b>220.4</b>
LSD (0.10) =					9.0	1.1	5			14.3	16.2	12.6	19.6	21.3	13.5

**Bold** yields are significantly above test average. *Italicized* brands exceed the grain moisture limit for this test.

14 December 2014 Visit [www.FirstSeedTests.com](http://www.FirstSeedTests.com) for more yield results



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Rich Schleuning, FIRST Manager



**Corn Stats:**

Yield Range: 182.4-219.6  
 Yield Average: 201.3  
 Top \$ Per Acre: \$718.00

**Corn Field Notes: Michigan South**

**Reading**—This site was planted on May 25, and early in the season it looked great. It received good heat units during pollination by July 25. The difference in grain moisture level between the early-season and late-season tests shows a slow-down of heat unit accumulation. There was no difference between a short and a tall product, as the crop was over 10' tall with ear placement at 5–6' off the ground. An Oct. 29 harvest produced an average yield of 195.1 bu. per acre in the early-season test and 202.2 bu. per acre in the full-season test. FIRST farmer member Tom Schroeder said that this was one of the best crops he has ever seen.

**Riga**—This site was planted on May 28. The crop was standing well despite having disease infestations of gibberella stalk rot, anthracnose, some light diplodia ear rot and light leaf blight. Stands were reduced a bit due to the cool, wet spring conditions, although overall, weather conditions were not bad this year. There was no

lodging. Harvest was Nov. 10, with surprising grain moistures considering the later planting date. The site produced yields of 204.2 bu. per acre in the early-season test and 203.6 bu. per acre in the full-season test.

**Michigan Data Losses**—2014 was a tough year for corn research in Michigan. Planting did not begin until May 24 due to wet, saturated soils, with the last site planted on June 1. There was no warm, wet summer to make up for lost time in 2014. Instead, temperatures were moderate with ample rain, so corn growth and development was slow and methodical. The crop looked great in this low-stress environment. The crop reached physiological maturity in mid-October and grain moistures remained high, delaying harvest. In early November, rain and combine mechanical issues quickly closed the harvest window for the remaining sites.

In mid-November, snowfall across southern Michigan quickly halted the next attempt to har-

vest. This series of circumstances prevented harvest of the following locations before the publication date. The results and regional performance summaries are posted at [www.firstseedtests.com](http://www.firstseedtests.com).

**Michigan West Central**—Aurelius, Breckenridge, Caledonia, Charlotte, Lakeview, Portland,

**Michigan Thumb**—Breckenridge, Brown City, Davison, Henderson, Midland, Peck

**Michigan South**—Charlotte, Hartford, Marshall, Mason



Mid-November snowfall delayed corn harvest at several MISO and MIWC locations. The Lakeview, Mich. site has up to 12" snow on the ground.

Site Information Michigan South						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Charlotte	clay loam	no-till	soybean	n/a	5/29	4.65	4.61	4.44	2.99	1.39	-0.39
Hartford	sandy clay loam	minimum	soybean	n/a	5/29	2.65	6.63	2.62	2.90	-0.76	-0.85
Marshall	sandy clay	no-till	soybean	n/a	5/29	5.06	5.12	3.73	2.29	-0.41	-1.42
Mason	clay loam	no-till	soybean	n/a	5/29	4.48	3.79	3.41	4.03	0.15	0.73
Reading	sandy clay	conventional	soybean	162	5/25	2.71	4.21	2.29	1.88	-1.50	-1.95
Riga	silt loam	no-till	alfalfa	170	5/28	3.57	4.14	1.60	3.20	-1.87	-0.30

Rainfall obtained on-site (\* denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com). Rainfall Normals (1981-2010) from National Climatic Data Center.

# FIRST Michigan South Corn Results



## EARLY-SEASON TEST 96-101 Day CRM

Top 30 of 36 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Charlotte	Hartford	Marshall	Mason	Reading	Riga
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	<b>219.6</b>	24.2	0	718	1					<b>218.4</b>	<b>220.7</b>
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	214.2	24.0	0	702	3					<b>211.7</b>	216.7
M & W Seeds	45A38	STX	CM,C2	101	212.3	22.7	1	702	4					<b>210.9</b>	213.6
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	211.2	22.7	0	699	5					198.6	<b>223.8</b>
Renk	RK633SSTX	STX,B	AC,P2	101	209.5	23.4	0	689	6					<b>212.0</b>	207.0
NK Brand	N45P-3011A	3011A	AVC,C5	101	205.4	23.3	0	676	10					203.3	207.4
Channel	197-68STXRIB	STX,B	AC,P5V	97	204.8	23.9	0	671	12					191.5	218.0
Pioneer	P0533AM1 GC	AM1,B	MQ,C2	105	204.3	24.7	1	666	15					191.9	216.7
NuTech/G2 Gen	5X-698^	HXT,RR2,AQ	MQ,P5V	98	203.3	21.4	0	679	7					200.7	205.9
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	203.2	22.1	0	675	11					203.0	203.3
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	202.7	21.5	0	677	9					193.2	212.1
Rupp	xrT94-06	VT3P,B	AC,P2	94	202.6	21.0	0	679	8					196.0	209.2
Rupp	xrJ97-17	STX,B	AC,P5V	97	201.9	22.9	0	667	14					190.5	213.2
Hyland	8445	STX	CM,C2	99	200.0	22.8	0	661	18					198.4	201.5
M & W Seeds	45M80	STX,B	AC,P5V	102	199.5	23.8	0	654	23					196.1	202.9
Integra	5151GSSRIB	STX,B	AC,P2	101	199.4	23.9	0	654	24					191.5	207.2
Hyland	8505RA	STX,B	CM,C2	101	199.2	25.3	0	646	25					194.9	203.5
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	199.0	22.7	0	658	21					202.3	195.6
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	198.6	20.2	0	669	13					201.9	195.3
Renk	RK605SSTX	STX	AC,P2	100	198.2	21.0	1	664	16					184.3	212.1
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	197.5	22.3	0	655	22					195.8	199.2
Renk	RK581SSTX	STX,B	AC,P2	100	197.5	24.4	0	645	26					190.8	204.2
Hyland	5510	HXT,RR2	CM,C2	101	197.1	24.3	0	644	28					193.9	200.3
M & W Seeds	46J11	VT2P,B	AC,P2	96	196.7	20.6	1	661	19					198.1	195.2
M & W Seeds	46T80	STX,B	AC,P5V	97	195.8	20.4	0	659	20					186.3	205.3
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	195.1	19.2	1	662	17					193.5	196.6
Renk	RK591GTCBLLRWBLA	3111A	CM,C2	99	193.9	22.0	0	645	27					182.8	204.9
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	193.4	22.3	0	642	30					188.0	198.8
NK Brand	N42Z-3111A	3111A	AVC,C5	99	192.7	21.4	1	644	29					189.9	195.5
Channel	199-54VT2PRIB	VT2P,B	AC,P5V	99	191.9	21.6	0	640	31					180.7	203.0
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	210.7	21.3	0	704	2					198.0	<b>223.3</b>
<b>Test Average =</b>					<b>199.7</b>	<b>22.5</b>	<b>0</b>	<b>661</b>						<b>195.1</b>	<b>204.2</b>
														13.0	15.4

Harvest incomplete at publication date  
Visit [www.firstseeds.com](http://www.firstseeds.com) for final summary

## FULL-SEASON TEST 102-105 Day CRM

Top 30 of 36 tested

M & W Seeds	45P88	VT3P	AC,P2	104	215.4	24.2	0	704	1					212.5	218.3
Rupp	xrJ03-31	STX,B	AC,P5V	103	214.7	26.1	0	692	3					<b>223.3</b>	206.1
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	213.8	25.1	0	694	2					211.1	216.5
Select	4534SM RIB	STX,B	AC,P5V	106	211.2	26.8	1	677	6					211.9	210.4
Channel	202-64STXRIB	STX,B	AC,P5V	102	211.1	26.9	0	676	7					213.1	209.1
Dairyland	DS6905	STX	CM,C2	105	210.2	27.1	0	672	8					209.8	210.6
Renk	RK629VT3P	VT3P,B	AC,P2	101	209.6	25.7	0	678	5					209.4	209.8
Great Lakes	5566STX	STX	AC,P5V	105	208.2	27.0	0	666	10					214.5	201.9
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	207.2	25.2	1	672	9					198.1	216.2
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	206.7	26.1	0	666	11					206.0	207.3
M & W Seeds	44D82	STX,B	AC,P5V	105	206.5	27.2	0	660	14					209.4	203.5
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	206.0	22.3	0	683	4					206.5	205.5
M & W Seeds	45J99	VT2P,B	AC,P2	104	205.8	25.6	0	666	12					199.7	211.8
Steyer	10502VIP3111	3111	CM,C2	105	205.2	25.4	0	665	13					218.5	191.9
Renk	RK666SSTX	STX,B	AC,P2	102	204.9	26.2	0	660	15					203.1	206.6
Rupp	xrD05-04	VT2P,B	AC,P2	105	203.5	25.6	0	658	16					203.1	203.9
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	203.3	26.1	0	655	18					199.8	206.7
Renk	RK699SSTX	STX,B	AC,P2	105	202.6	26.1	0	653	20					201.2	204.0
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	201.4	24.4	1	658	17					199.1	203.6
Steyer	10403VT2PRIB	VT2P,B	CM,C2	104	201.3	25.2	0	653	21					210.4	192.1
Hyland	8680RA	STX,B	CM,C2	105	201.3	27.2	0	643	24					189.7	212.9
Channel	202-32STXRIB	STX,B	AC,P5V	104	200.8	27.8	0	639	29					191.0	210.6
Select	3829VP RIB	VT3P,B	AC,P2	103	200.7	25.1	0	652	22					192.2	209.1
Hyland	8575RA	STX,B	CM,C2	104	200.6	27.0	1	642	25					212.0	189.1
Select	4134SM RIB	STX,B	AC,P5V	104	200.1	25.2	0	649	23					194.4	205.7
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	199.7	26.5	0	642	26					191.0	208.3
M & W Seeds	44V21	STX,B	AC,P2	105	198.4	27.0	0	635	30					206.1	190.6
Dairyland	DS9305RA	STX,B	CM,C2	105	198.1	27.7	0	630	31					205.3	190.9
NuTech/G2 Gen	5H-905^	HX,RR2	MQ,P5V	105	197.2	24.8	0	642	27					193.0	201.4
AgriGold	A6351STX	STX	AC,P5V	105	196.6	24.8	1	640	28					190.2	203.0
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	201.3	25.0	0	654	19					190.7	211.9
<b>Test Average =</b>					<b>202.9</b>	<b>26.0</b>	<b>0</b>	<b>654</b>						<b>202.2</b>	<b>203.6</b>
LSD (0.10) =					16.3	2.7	1							17.5	16.0

Harvest incomplete at publication date  
Visit [www.firstseeds.com](http://www.firstseeds.com) for final summary

**Bold** yields are significantly above test average.



**Corn Stats:**  
 Yield Range: 193.3-229.7  
 Yield Average: 210.6  
 Top \$ Per Acre: \$764.00

## Corn Field Notes: Indiana North

Rich Schleuning, FIRST Manager

**Howe**—The season’s extra water and cool temperatures took a toll on this crop. Yields were under expectations – especially for being irrigated – because of the cool conditions combined with a later planting date. At the V8 growth stage there was some Japanese beetle feeding. Disease pressure was very evident. While harvesting the buffer rows, the dust and mold rolled like we were cutting beans. Ear rots included diplodia, fusarium and cladosporium. Some anthracnose stalk rot, leaf blight and gray leaf spot were also noted.

**La Crosse**—Crop emergence at this site was uniform with a slight stand loss. During a June 26 visit, leaves were a deep, lush green. There was some light northern corn leaf blight and gray leaf spot present. Weather conditions in the area were good with frequent rain and no extreme heat until late in July. The area went through a period of about 21 days between rains, when stressed areas from soil compaction or water ponding led

to stalk rot. Rain and high winds made harvest difficult.

**Monroe**—Some big rainfall events caused significant ponding, resulting in major stand loss in most full-season test plots. Despite some stand loss, the crop did compensate by showing its ear flex. At harvest, the crop was standing well as stalk quality was not bad, but it was weak from light disease pressure and being fully mature. With the variable final population, we could see the yield difference between a flexed and fixed ear. This site was a surprise for me, as I thought we would be lucky if one replication was worthy.

**South Bend**—Results were rejected here due to wide yield swings across replications caused by weed control issues. There were pockets where yellow nutsedge came in mid-season and hurt corn stand and yield. Plant health was poor due to stalk rot, leaf blight and some ear rot. A June 29 visit found common stalk borer feeding and some fungal diseases starting.

**Wolcott**—Ideal conditions got this crop off to a good uniform emergence, but on June 27, the crop stage was only V10. Early stages of several leaf blights and anthracnose were prevalent. Persistent wet soils hurt plant yield potential and fostered shallow root systems. Harvest soil conditions were muddy. Grain trucks were loaded on the road to avoid getting stuck in the field. Ear diseases such as cladosporium ear rot were noted.

**Woodburn**—A stand loss appeared likely, as the soil surface got hard after planting. Luckily, a nice shower softened the soil, allowing seedlings to emerge. A June 29 visit showed a nice looking crop. While the pressure from numerous diseases was not overwhelming, it did have an effect. At harvest, ear and kernel rots were noted. The trials were not fungicide treated, and surrounding fungicide-treated crops responded with a 20- to 30-bu.-per-acre yield increase. Harvest was slow because of wet conditions and cool temperatures.

Site Information						2014 Rainfall (inches)					
Indiana North						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Howe	sandy loam	conventional	soybean	197	5/27	3.78	5.25	2.45	2.76	-1.44	-1.29
La Crosse	sandy loam	conventional	soybean	188	5/8	4.22	6.98	2.45	9.55	-1.86	5.47
Monroe	silty clay loam	conventional	soybean	284	5/9	3.86	4.79	3.93	3.94	-0.46	0.19
South Bend	sandy loam	conventional	corn, 2+ yr	185	5/22	2.53	8.12	2.00	4.40	-2.00	0.64
Wolcott	silty clay loam	conventional	soybean	147	5/8	4.17	8.51	4.30	8.82	-0.20	5.50
Woodburn	clay loam	conventional	soybean	173	5/8	2.27	2.73	4.23	2.13	-0.01	-1.51

Rainfall obtained on-site (\* denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com). Rainfall Normals (1981-2010) from National Climatic Data Center.

# FIRST Indiana North Corn Results



## EARLY-SEASON TEST 103-108 Day CRM

Top 30 of 54 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Howet	La Crosse	Monroe	South Bend#	Wolcott	Woodburn
Partners Brand	PB 7962VT2P	VT2P	CM,C2	109	<b>222.8</b>	18.7	1	759	1	188.4	<b>221.5</b>	222.0	131.9	233.1	249.2
Great Lakes	5566STX	STX	AC,P5V	105	221.6	18.7	0	755	2	167.6	<b>224.8</b>	243.6	168.5	233.8	238.2
Seed Consultants	SCS 10HR43^	HX,RR2	MQ,P1V	104	221.1	18.6	0	754	3	<b>211.3</b>	217.5	219.1	173.3	223.1	234.5
Seed Consultants	SCS 1074AMX-R^	AMX-R,B	MQ,C2	107	220.9	19.3	0	749	5	192.0	215.8	217.9	188.0	235.3	243.5
Ebberts	9488SSX	STX	AC,P5V	108	220.8	18.5	1	753	4	196.9	195.0	233.3	202.7	236.6	242.3
NK Brand	N60F-3111	3111	AVC,C5	107	219.6	18.5	0	749	6	163.7	213.2	225.4	218.9	248.4	247.5
Ebberts	7109VT3PRIB	VT3P,B	AC,P5	109	218.5	19.0	0	743	10	183.6	217.9	234.3	126.7	213.3	243.5
Specialty	38A573	STX,B	AC,P5V	108	218.1	18.9	1	742	12	171.3	217.6	242.8	155.0	227.1	231.5
Specialty	34A413	STX,B	AC,P5V	104	217.6	17.8	1	746	8	164.9	212.8	215.9	136.4	241.5	252.9
Specialty	36A794	STX,B	AC,P5V	106	217.3	18.2	0	743	11	189.7	216.6	211.4	165.6	219.2	249.6
Select	4534SM RIB	STX,B	AC,P5V	106	217.2	17.8	0	745	9	194.7	206.5	230.0	126.5	218.3	236.7
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	216.6	17.1	1	747	7	159.9	200.9	239.0	123.2	229.7	253.5
M & W Seeds	44D82	STX,B	AC,P5V	105	216.5	18.7	1	738	15	183.4	199.2	234.0	181.3	228.9	237.1
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	216.4	18.4	1	739	14	167.3	214.7	217.9	168.2	231.3	250.7
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	216.4	18.9	0	736	16	184.6	<b>221.0</b>	209.3	139.9	211.9	255.4
Seed Consultants	SCS 10HQ34^	HXT,RR2	MQ,C2	103	216.3	17.8	0	742	13	185.4	213.1	233.1	135.4	213.2	236.8
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	216.0	19.0	1	734	19	191.3	194.6	224.0	147.5	230.5	239.7
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	215.5	18.3	0	736	17	178.0	210.7	221.0	169.1	220.2	247.7
Golden Harvest	G07F23-3111 (2)	3111	AVC,C5	107	215.0	18.2	0	735	18	164.2	203.3	<b>246.0</b>	185.9	218.0	243.3
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	215.0	18.6	0	733	21	152.0	202.3	238.2	182.2	234.3	248.4
Partners Brand	PB 7841VIP3111	3111	CM,C2	108	214.8	18.6	0	732	22	170.2	198.9	235.6	206.4	231.6	237.7
Golden Harvest	G07F23-3111	3111	AVC,C5	107	214.6	19.0	0	730	23	174.9	194.9	233.7	182.7	227.5	242.2
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	214.4	18.1	0	734	20	174.6	212.3	208.2	146.4	245.8	231.0
Dairyland	DS9307SSX	STX	CM,C2	107	213.5	18.3	1	730	24	177.6	189.1	215.2	138.6	237.6	247.9
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	212.9	18.4	1	727	26	185.5	215.6	210.6	160.9	233.3	219.7
NK Brand	N58S-3111	3111	AVC,C5	106	212.5	18.1	1	727	27	163.2	216.5	229.1	173.0	228.0	225.7
Specialty	4383GENVT3PRIB	VT3P,B	AC,P5V	105	212.0	17.6	1	728	25	141.1	203.5	238.3	164.8	232.0	245.0
Golden Harvest	G03B39-3111	3111	AVC,C5	107	211.4	18.8	2	720	29	171.1	198.5	227.2	175.2	213.1	247.0
LG Seeds	LG5523STX	STX	AC,P5V	105	210.6	18.1	1	721	28	175.1	205.2	216.6	202.0	216.4	239.8
Armor	0700Pro2	VT2P,B	AC,P5V	107	210.1	18.2	1	719	30	182.6	200.3	216.2	183.9	217.3	234.1
Pioneer	P0636AM CK	AM,AQ,B	MQ,P1V,R	106	208.7	17.8	1	716	32	164.6	196.6	212.3	191.8	246.9	223.0
<b>Test Average =</b>					<b>210.6</b>	<b>18.2</b>	<b>1</b>	<b>720</b>		<b>172.0</b>	<b>201.7</b>	<b>219.1</b>	<b>162.1</b>	<b>224.2</b>	<b>235.9</b>
LSD (0.10) =					12.0	0.9	1			26.8	18.7	25.1	57.9	25.0	19.7

## FULL-SEASON TEST 109-112 Day CRM

Top 30 of 54 tested

Specialty	42D843	VT2P,B	AC,P5V	112	<b>229.7</b>	21.9	0	764	1	188.6	<b>228.1</b>		187.6	242.8	<b>259.2</b>
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	<b>229.0</b>	22.3	0	760	2	174.2	<b>243.3</b>		193.5	239.6	<b>258.8</b>
Channel	209-53STXRIB	STX,B	AC,P5V	109	<b>226.6</b>	21.2	0	758	3	170.6	<b>251.4</b>		162.4	237.8	246.6
Specialty	4611GENVT3PRIB	VT3P,B	AC,P5V	110	<b>224.3</b>	20.6	1	754	4	186.1	222.9		195.2	<b>251.7</b>	236.6
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	223.0	20.4	0	750	5	188.7	216.1		158.0	230.8	<b>256.5</b>
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	222.2	20.7	0	746	7	186.4	224.2		114.5	237.2	240.8
NK Brand	N67S-3110	3110	AVC,C5	110	221.1	19.8	0	747	6	168.8	221.5		157.5	237.3	256.6
Seed Consultants	SCS 1094AM-R^	AM-R,AQ,B	MQ,C2	109	221.1	20.4	1	744	8	186.5	217.7		<b>218.4</b>	238.4	241.6
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	219.7	22.7	0	727	13	182.8	217.0		176.8	240.4	238.4
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	219.3	21.7	0	731	10	189.9	221.1		170.3	225.9	240.1
Steyer	11004GENSS RIB	STX,B	CM,C2	110	218.9	20.0	0	739	9	<b>198.6</b>	<b>229.8</b>		155.9	209.1	238.1
Specialty	41A743	STX,B	AC,P5V	111	218.7	21.4	1	730	12	182.2	216.0		169.5	236.2	240.5
Great Lakes	6261STX	STX	AC,P5V	112	216.7	22.4	0	718	18	168.5	223.9		206.3	225.4	248.8
Ebberts	6292VT2P	VT2P	AC,P5	112	215.9	21.2	0	722	14	162.5	214.7		181.8	235.3	251.1
Golden Harvest	G10S30-3110	3110	AVC,C5	110	215.6	19.3	1	731	11	171.5	213.2		213.9	222.2	255.3
Seed Consultants	SCS 1125YXR^	OIX,B	MQ,C2	112	215.5	21.4	0	720	17	176.6	219.0		182.8	215.8	250.4
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	214.3	20.4	1	721	16	165.5	212.8		170.8	235.4	243.4
Rupp	xrJ10-91	STX,B	AC,P5V	110	214.1	20.2	1	722	15	186.5	196.2		158.6	232.8	241.0
Steyer	11103GENSS RIB	STX,B	CM,C2	111	213.1	21.0	1	714	20	180.0	219.9		208.8	231.2	221.3
Channel	210-95STXRIB	STX,B	AC,P5V	110	211.7	19.4	1	718	19	181.1	221.4		148.1	218.4	226.0
Select	4995SM RIB	STX,B	AC,P5V	110	211.6	21.3	0	707	22	190.9	207.9		153.4	219.8	227.8
Mycogen	2G685	3000GT	CM,C2	109	211.5	20.0	2	714	21	160.3	204.0		173.9	234.3	247.5
NK Brand	N70J-3011A	3011A	AVC,C5	112	211.3	21.3	0	706	23	146.1	207.1		210.7	234.5	<b>257.5</b>
Great Lakes	6068STXRIB	STX,B	AC,P5V	110	210.4	20.9	1	705	24	172.5	208.0		171.2	216.8	244.1
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	209.9	21.0	1	703	26	174.6	211.4		117.5	220.5	232.9
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	209.3	20.4	1	704	25	172.2	204.4		171.2	227.6	233.0
TA Seeds	TA647-22DPRIB	VT2P,B	CM,C2	111	208.3	20.3	1	701	29	184.9	217.6		193.0	210.1	220.5
Steyer	10904GENSSRIB	STX,B	CM,C2	109	207.8	19.8	1	702	28	175.8	206.2		153.3	206.3	242.7
Partners Brand	PB 8242VIP3111	3111	CM,C2	112	207.5	20.7	0	697	31	178.7	208.6		186.8	225.7	217.0
Dairyland	DS9610	3000GT	CM,C2	110	207.2	19.3	2	703	27	156.5	193.8		<b>223.0</b>	232.3	246.1
Pioneer	P0636AM CK	AM,AQ,B	MQ,P1V,R	106	207.8	20.1	0	701	30	167.3	210.4		207.2	213.2	240.3
<b>Test Average =</b>					<b>210.7</b>	<b>20.6</b>	<b>1</b>	<b>708</b>		<b>170.7</b>	<b>209.5</b>		<b>170.8</b>	<b>226.1</b>	<b>236.4</b>
LSD (0.10) =					13.3	1.0	1			24.7	17.5		47.0	19.1	20.2

**Bold** yields are significantly above test average. ‡ = 2 replications, early-season test; # = rejected results, neither test included in summary



**Corn Stats:**  
 Yield Range: 130.6-217.3  
 Yield Average: 190.0  
 Top \$ Per Acre: \$718.00

## Corn Field Notes: Ohio Northwest

Rich Schleuning, FIRST Manager

**Bloomdale**—This site was more fortunate than surrounding areas as it did not get too much rain. Instead, it received ample rainfalls just when they were needed. FIRST farmer member Larry Bishop said that just four miles north of this site, crops on another farm were inferior because of less rainfall. The field surrounding these tests was planted two weeks earlier and averaged 240 bu. per acre. Larry also applied fungicide to the surrounding field but not on the tests. This site had by far the highest quality grain in both test weight and color of all locations we harvested in Indiana or Ohio. Stalk lodging was observed with plants breaking at the third node, but it was high enough to allow fairly easy header pickup of broken plants. Average yield from the Nov. 16 harvest was 207 bu. per acre in the early-season test and 212.5 bu. per acre in the full-season test.

**Fayette**—The wet spring resulted in a very non-uniform stand and did not allow much time for a

replant. The lodging score might have been a little lower if not for a combine breakdown on Nov. 3 that left the site exposed to wind temporarily. Stalks were not in good shape as anthracnose, crown rot and some leaf blight were present. Yield results are variable, but they are still statistically valid. This site was harvested on Nov. 7. Average yields were 134 bu. per acre in the early-season test and 160.3 bu. per acre in the full-season test.

**Findlay**—No harvest data due to weather conditions.

**Leipsic**—No harvest data due to weather conditions.

**New Bavaria**—No harvest data due to weather conditions.

**Tiffin**—Planting conditions were not ideal due to the wet spring. Cool wet conditions following planting reduced final stand, especially in select hybrids. Stalk lodging scores for a couple of products are elevated because of prevailing wind exposure after the surrounding corn was harvested. For mid-November, stalks did not

have a normal, mature plant color. Grain quality looked okay, but it did not have the typical bright color, especially when the husk was pulled back. Grain test weight in this area was lower than normal. Some light ear rot and fungal stalk rot were present, but they were not an extreme issue. Yields were a bit variable because of the lodging and stand losses. This location was harvested on Nov. 15 and averaged 203.5 bu. per acre in the early-season test and 222.6 bu. per acre in the full-season test.



The evening of Nov. 16, corn harvest was stopped by snowfall at the Findlay, Ohio location. Upon stopping, the corn head was quickly covered with snow. By morning, total accumulation was nearly 3 inches.

Site Information Ohio Northwest						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Bloomdale	clay loam	minimum	wheat	165	5/26	2.73	4.73	2.38	3.97	-1.41	0.54
Fayette	sandy loam	minimum	soybean	165	5/23	2.30	3.51	1.44	1.96	-2.19	-1.64
Findlay	sandy loam	minimum	soybean	n/a	5/28	2.65	4.13	2.32	2.27	-1.59	-1.37
Leipsic	silt loam	minimum	wheat	n/a	6/2	2.15	4.13	2.17	2.79	-1.67	-0.37
New Bavaria	silty clay loam	minimum	soybean	n/a	5/27	2.03	5.00	2.40	0.87	-1.69	-2.15
Tiffin	loamy sand	minimum	soybean	203	5/27	2.83	3.89	2.10	1.92	-1.45	-1.58

Rainfall obtained on-site (\* denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com). Rainfall Normals (1981-2010) from National Climatic Data Center.

# FIRST Ohio Northwest Corn Results



## EARLY-SEASON TEST 103-108 Day CRM

Top 30 of 36 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Bloomdate†	Fayette†	Findlay	Leipscic	New Bavaria	Tiffin
Select	4534SM RIB	STX,B	AC,P5V	106	202.5	19.2	3	687	1	223.2	155.2				229.1
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	200.9	20.5	2	676	2	<b>239.4</b>	152.1				211.2
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	197.7	19.0	2	672	3	229.4	141.9				221.9
Golden Harvest	G07F23-3111	3111	AVC,C5	107	194.8	19.8	4	658	4	232.4	128.4				223.6
M & W Seeds	44D82	STX,B	AC,P5V	105	193.9	20.4	5	652	6	<b>237.4</b>	136.2				208.1
Ebberts	6587VT2P	VT2P	AC,P5	107	192.5	21.8	4	641	10	226.3	133.8				217.4
M & W Seeds	44P09	VT2P	CM,C2	108	192.4	19.4	3	652	7	216.5	146.4				214.2
Integra	5776GSSRIB	STX,B	AC,P2	107	191.7	19.7	3	648	8	229.8	149.2				196.0
Dairyland	DS6805	STX	CM,C2	105	191.0	17.5	10	657	5	229.7	121.4				221.9
Beck	XL 5131AM^ GC	AM,B	Es,P1V	105	188.7	18.4	6	644	9	211.1	155.5				199.4
Rupp	xrJ03-31	STX,B	AC,P5V	103	186.6	18.5	1	637	11	197.2	147.0				215.6
Select	4134SM RIB	STX,B	AC,P5V	104	185.5	19.6	1	628	13	202.0	151.5				203.0
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	184.8	19.3	6	627	14	209.3	126.8				218.4
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	184.7	18.6	6	630	12	206.7	127.5				219.8
Ebberts	7909VT3P	VT3P	AC,P5	109	183.9	19.5	5	623	15	223.0	115.5				213.2
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	183.8	19.4	3	623	16	207.8	<b>163.8</b>				179.7
Dairyland	DS6905	STX	CM,C2	105	183.3	20.3	3	617	20	206.8	137.0				206.1
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	182.8	18.9	4	622	17	212.6	138.1				197.8
Ebberts	9488SSX	STX	AC,P5V	108	182.4	19.6	2	617	21	208.5	132.8				205.8
Mycogen	2C649	STX,B	CM,C2	108	182.3	20.6	6	613	22	216.6	127.2				203.0
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	181.0	20.8	2	607	23	193.0	132.9				217.0
Rupp	xrD05-04	VT2P,B	AC,P2	105	180.2	17.6	13	619	19	211.0	129.8				199.9
Ebberts	7109VT3PRIB	VT3P,B	AC,P5	109	179.1	20.3	8	603	26	211.3	117.9				208.0
Golden Harvest	G06N80-3111	3111	AVC,C5	106	178.4	19.6	3	604	25	198.8	142.0				194.4
Integra	5441GSSRIB	STX,B	AC,P2	104	178.0	18.7	4	607	24	213.1	116.9				203.9
Select	4823SM RIB	STX,B	AC,P5V	108	177.9	19.7	10	602	27	202.2	125.0				206.6
Select	3829VP RIB	VT3P,B	AC,P2	103	175.4	18.1	3	600	29	183.2	150.5				192.6
Steyer	10702VIP3111	3111	CM,C2	107	174.9	17.4	6	602	28	189.1	134.3				201.3
NK Brand	N59B-3111A	3111A	AVC,C5	107	174.9	18.0	6	599	30	204.0	126.1				194.5
Steyer	10803VT2PRIB	VT2P,B	CM,C2	108	174.2	20.0	6	588	31	201.2	124.6				196.9
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109	184.4	20.6	3	620	18	215.5	127.6				210.1
<b>Test Average =</b>					<b>181.5</b>	<b>19.4</b>	<b>5</b>	<b>615</b>		<b>207.0</b>	<b>134.0</b>				<b>203.5</b>
LSD (0.10) =					21.4	1.2	6			27.1	25.3				30.8

Harvest was incomplete at publication date  
Visit [www.firstseeds.com](http://www.firstseeds.com) for final summary

## FULL-SEASON TEST 109-112 Day CRM

Top 30 of 36 tested

Ebberts	6292VT2P	VT2P	AC,P5	112	217.3	22.8	1	718	1	233.6	184.9				233.4
Select	4995SM RIB	STX,B	AC,P5V	110	215.3	22.3	1	714	2	213.5	<b>192.4</b>				239.9
Buckeye	RR9074SSRIB	STX,B	AC,P5V	110	212.8	23.7	1	699	6	224.4	188.9				225.2
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	211.0	20.7	2	708	3	234.0	187.7				211.2
Doebbers	RPM 629AMXT^ GC	AMXT,B	MQ,P1V	108	209.8	21.6	2	700	5	208.9	<b>198.8</b>				221.6
Rupp	xrJ10-91	STX,B	AC,P5V	110	209.5	21.1	1	701	4	213.5	173.7				241.2
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	209.0	21.7	0	696	8	228.1	164.0				234.8
Great Lakes	6261STX	STX	AC,P5V	112	207.9	24.3	1	679	12	217.6	176.3				229.7
Integra	5906GSSRIB	STX,B	AC,P2	109	207.7	20.5	1	698	7	232.0	173.4				217.6
Ebberts	7510VT3PRIB	VT3P,B	AC,P5	110	205.2	19.8	0	694	9	205.6	<b>192.5</b>				217.6
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	205.1	21.0	1	687	10	213.1	166.3				235.9
Beck	XL 5828AM^ GC	AM,AQ,B	Es,P1V	110	204.5	21.8	1	681	11	224.4	169.1				220.0
Select	4984SM RIB	STX,B	AC,P5V	110	204.3	24.1	1	669	16	224.2	166.9				221.8
Select	5186SM RIB	STX,B	AC,P5V	111	202.2	23.1	2	667	17	228.1	149.4				229.2
Ebberts	9451SSX	STX	AC,P5V	111	201.8	21.6	1	673	13	226.7	164.0				214.6
Dairyland	DS9111RA	STX,B	CM,C2	111	201.4	21.4	4	673	14	210.5	179.4				214.3
Doebbers	RPM 5115AM^ GC	AM,B	MQ,P1V	111	201.0	21.5	1	671	15	219.7	152.1				231.1
Beck	XL 6175AMX^ GC	AMX,B	Es,P1V	112	198.0	21.1	1	663	18	221.8	137.8				234.5
Steyer	11103VT2PRIB	VT2P,B	CM,C2	111	196.8	22.7	1	651	21	201.8	172.2				216.4
Rupp	xrD11-13	VT2P,B	AC,P2	111	194.8	20.9	2	653	19	219.8	150.6				213.9
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110	193.9	20.5	3	652	20	220.3	134.7				226.6
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	193.7	23.5	2	637	28	198.2	144.0				238.8
Mycogen	2V709	STX,B	CM,C2	110	193.5	22.0	1	643	24	211.3	148.9				220.3
Ebberts	7222VT3PRIB	VT3P,B	AC,P5	112	193.2	22.9	2	638	27	196.5	159.6				223.6
Steyer	11208VT2PRIB	VT2P,B	CM,C2	112	193.1	21.4	1	645	23	205.8	166.8				206.6
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	193.0	20.6	4	648	22	205.6	161.3				212.0
Partners Brand	PB 8242VIP3111	3111	CM,C2	112	193.0	22.1	1	641	25	222.2	142.8				214.0
Dairyland	DS9212RA	STX,B	CM,C2	112	191.2	21.4	4	639	26	196.8	160.0				216.7
Great Lakes	6068STXRIB	STX,B	AC,P5V	110	190.3	22.7	1	629	31	179.3	177.2				214.5
Integra	6003-3110	3110	AVC,C5	110	186.5	19.5	6	632	30	198.7	130.2				230.6
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109	189.8	21.4	2	634	29	218.3	134.2				217.0
<b>Test Average =</b>					<b>198.5</b>	<b>21.7</b>	<b>2</b>	<b>662</b>		<b>212.5</b>	<b>160.3</b>				<b>222.6</b>
LSD (0.10) =					19.3	1.1	3			24.6	31.1				20.4

Harvest was incomplete at publication date  
Visit [www.firstseeds.com](http://www.firstseeds.com) for final summary

‡ = 2 replications, early-season tests

# FIRST Wisconsin South Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Arlington	sandy loam	no-till	15	5/20	170.1	none	3.61
Lancaster	silt loam	conventional	15	5/17	142.9	none	4.47
Spring Green	sandy loam	no-till	15	5/17	162.5	low	3.83
Watertown	sandy loam	no-till	15	5/19	181.7	none	3.51

Rainfall obtained on-site (\*denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com)



Jason Beyers, FIRST Manager

### Soybean Stats:

Yield Range: 60.3-71.5

Yield Average: 65.2

Top \$ Per Acre: \$736.00

## Soybean Field Notes: Wisconsin South

**Arlington**—This was a really good location that started off with excellent emergence. There was enough slope here to keep this soil from staying saturated during all the heavy June rainfalls. Plant heights were medium to tall with great pod set. It appeared that white mold did affect some of the varieties, but they still maintained good yield levels. Pods at harvest were still pretty tight, and there was hardly any head shatter.

**Lancaster**—Soybeans at the Lancaster location struggled to get out of the ground this spring. Rainfall was good for most of the season, with a little dry spell in July. Plants were tall, which contributed

to some of the lodging that was recorded. There was evidence that white mold affected some varieties, but there were no other diseases that could be seen at harvest. Overall, this was a good uniform location, following multiple years of corn.

**Spring Green**—This was an irrigated site with a nice environment that was conducive to becoming a high-yielding location. Plants were tall with long internodes and full pod clusters at each node. Seed size was large, and moisture levels were higher because of the rainfall that was received the day before harvest. There was evidence that white mold had affected some

of the varieties but not uniformly across the site area. This may have led to some of the increased yield variation that was seen in the higher CV value.

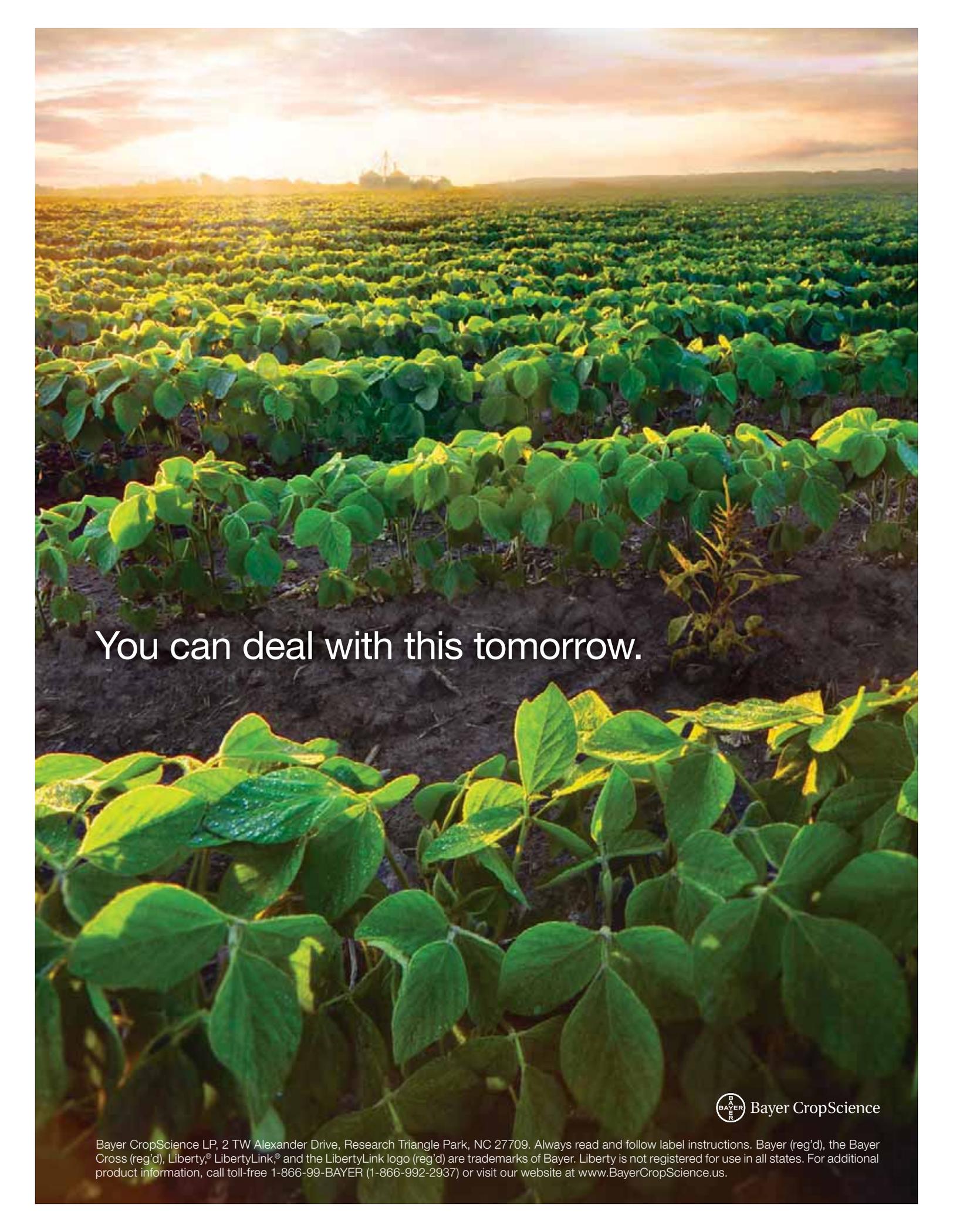
**Watertown**—The Watertown site experienced excellent emergence. We received good rains during June, but it was a little drought-like during July, considering the sandiness of the soil. Along with a cool summer, these conditions made for some short-statured plants. There was almost no lodging, which was good, and there was no evidence of any disease pressure at harvest. Pod set was good for the plant size and seed size was fairly large.

### 1.8-2.5 Maturity Group

Top 20 of 81 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Arlington	Lancaster	Spring Green	Watertown
FS Hisoy	HS 25A42	RR2Y	2.5	R	ACi	<b>71.5</b>	14.8	3	736	70.0	<b>75.6</b>	<b>73.5</b>	<b>66.8</b>
Asgrow	AG2433 §	RR2Y	2.4	MR	ACi	<b>71.3</b>	14.4	3	734	<b>71.8</b>	<b>76.0</b>	<b>74.3</b>	63.1
Latham	L2128R2	RR2Y	2.1	R	CCB	<b>69.8</b>	14.6	4	719	<b>71.4</b>	72.2	70.4	<b>65.0</b>
Latham	L1858R2	RR2Y	1.8	R	SS+	<b>69.1</b>	14.7	4	712	69.8	72.6	<b>73.1</b>	60.8
Cornelius	CB20R44	RR2Y	2.0	R	CCB	68.6	14.6	5	707	68.9	73.0	70.1	62.2
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB	68.4	14.4	6	705	69.3	67.1	70.9	<b>66.3</b>
Jung	1228RR2	RR2Y	2.2	MR	ACi	68.3	14.6	7	703	<b>71.5</b>	68.3	67.7	<b>65.5</b>
Channel	2108R2	RR2Y	2.1	R	ACi	68.2	14.6	5	702	67.2	70.7	68.7	<b>66.0</b>
Latham	L2448R2	RR2Y	2.4	R	CCB	68.1	14.6	3	701	65.6	72.9	70.4	63.5
Stine	20RD20 §	RR2Y	2.0	R	None	68.0	14.5	4	700	70.5	70.8	67.1	63.6
Latham	L2058R2	RR2Y	2.0	R	CCB	67.9	14.8	5	699	70.6	68.6	71.4	61.0
Titan Pro	TP-24R24	RR2Y	2.4	R	CCB	67.8	14.6	3	698	68.9	67.2	72.3	62.6
Renk	RS241R2	RR2Y	2.4	S	CMB	67.7	14.6	4	697	63.1	<b>74.3</b>	68.2	<b>65.0</b>
Renk	RS213NR2	RR2Y	2.1	R	CMB	67.6	14.6	4	696	70.5	69.1	67.9	62.8
Latham	L2253R2	RR2Y	2.2	R	CCB	67.4	14.4	3	694	<b>72.0</b>	71.6	64.3	61.8
Latham	L1968R2	RR2Y	1.9	R	CCB	67.3	14.5	3	693	70.0	<b>73.6</b>	67.9	57.7
Cornelius	CB25R78	RR2Y	2.5	R	CCB	66.9	14.6	4	689	66.2	71.6	70.1	59.7
Renk	RS183NR2	RR2Y	1.8	R	None	66.8	14.6	6	688	70.7	68.8	64.5	63.0
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	66.7	14.4	5	687	67.1	68.1	69.1	62.3
NK Brand	S25-E5 GC	RR2Y	2.5	R	CCB	66.6	14.2	3	686	62.7	69.5	69.2	<b>65.1</b>
<b>Site Averages =</b>			<b>65.2</b>	<b>14.6</b>	<b>4</b>	<b>672</b>	<b>66.6</b>	<b>4</b>	<b>672</b>	<b>66.6</b>	<b>68.2</b>	<b>66.7</b>	<b>59.3</b>
LSD (0.10) =			3.5	0.2	2		4.3	5.2	5.9	5.3			

Results in **bold** are significantly above test average.

A wide-angle photograph of a soybean field at sunset. The sun is low on the horizon, casting a warm, golden glow over the rows of green plants. The sky is filled with soft, colorful clouds. The plants in the foreground are in sharp focus, showing their characteristic trifoliate leaves.

You can deal with this tomorrow.



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# FIRST North Central State Line Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Janesville	silt loam	minimum	15	5/19	179.7	none	6.62
Miles	clay loam	conventional	15	5/24	161.0	low	2.15
Warren	silt loam	conventional	15	5/18	193.4	none	5.84
Winnebago	silt loam	conventional	15	5/20	182.9	none	4.67

Rainfall obtained on-site (\*denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com)



Jason Beyers, FIRST Manager

### Soybean Stats:

Yield Range: 67.1-79.0

Yield Average: 72.3

Top \$ Per Acre: \$814.00

## Soybean Field Notes: North Central State Line

**Janesville**—The cool, wet conditions for most of the early part of the season got these beans off to a slow and stressful start. The plants of most varieties only achieved 26–32" in height. Pod set was good and seed size was large. There was little evidence of any diseases present at the time of harvest. Some of the fuller-season varieties appeared to have frosted before maturity. Overall, the Janesville location was a consistent site with good yields.

**Miles**—There was excellent plant stand at the Miles location. They were on the shorter side, but they experienced good pod set and seed size was larger than normal.

The site was located in a heavier bottom-type soil. The combination of cool wet conditions this spring and a cooler-than-normal summer provided an opportunistic environment for white mold. This disease, as well as sudden death syndrome, affected a number of varieties across the site.

**Warren**—This site received a brief rainfall shortly after planting, and it seemed that every seed germinated. There was evidence of white mold that had an effect on some varieties in the first replication. Most varieties had relatively short plants, with some only 18" tall. Plants were loaded with pods and seed size was large. Overall,

the Warren site was a nice location that offered a good uniform soil type and provided good yields.

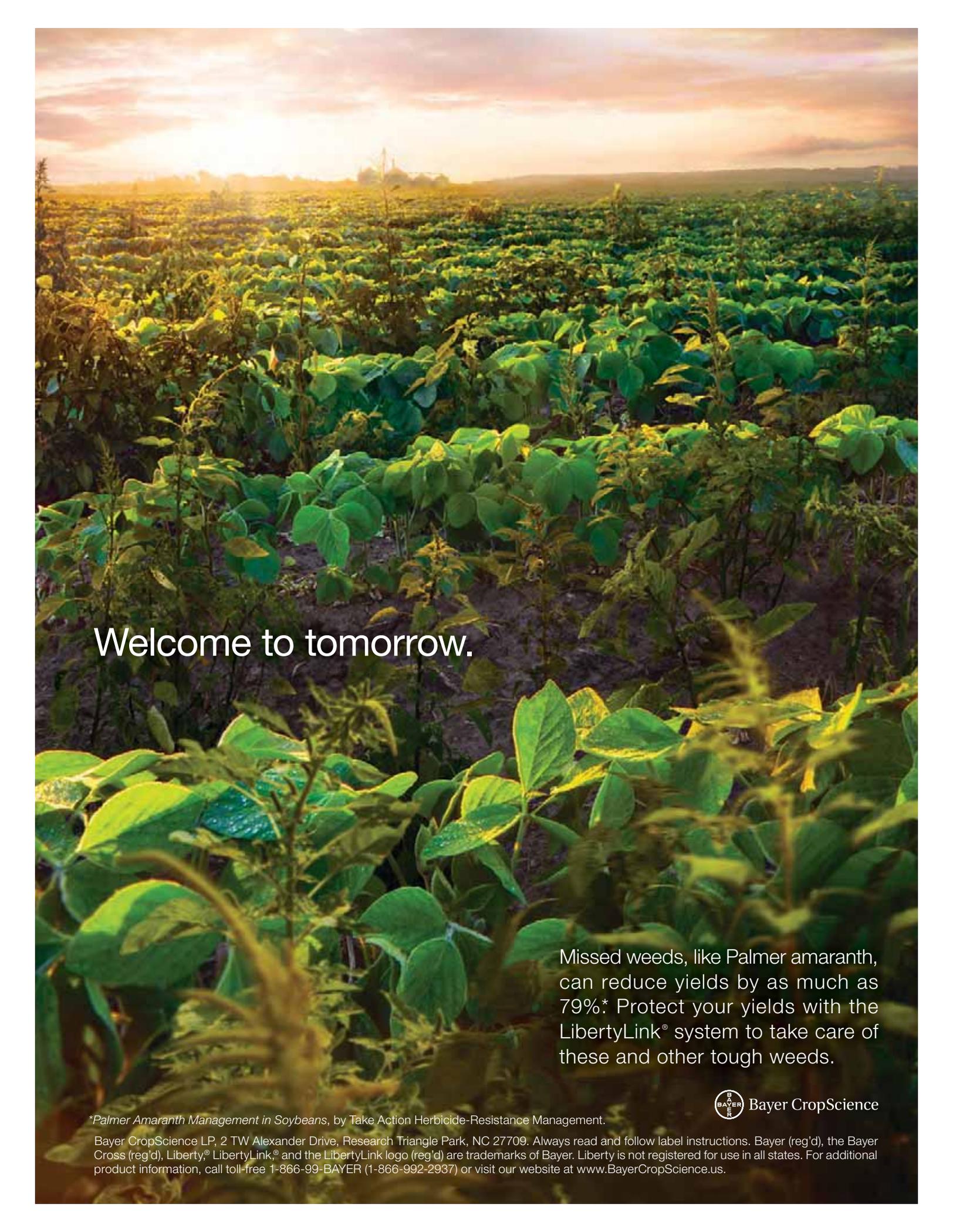
**Winnebago**—The bean plants at the Winnebago location were tall with long internodes, proving to be a major contributor to the lodging scores that were recorded. Rainfall in June was above average, but July was a little dry. There did not appear to be any disease present in the test area. Seed size was very large and pods all contained three or four beans. FIRST farmer member Eric Swanson stated that the earlier-planted beans in this area were averaging better than 10 bu. per acre over the later-planted soybeans.

### 2.1-2.8 Maturity Group

Top 20 of 84 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Janesville	Miles	Warren	Winnebago
Latham	L2128R2	RR2Y	2.1	R	CCB	<b>79.0</b>	12.4	7	814	73.8	<b>76.1</b>	<b>80.8</b>	<b>85.3</b>
Cornelius	CB24R99	RR2Y	2.4	S	CCB	<b>78.7</b>	12.4	3	811	<b>78.8</b>	<b>76.8</b>	<b>79.0</b>	80.2
Latham	E2328R2	RR2Y	2.3	R	CCB	<b>78.5</b>	12.3	5	809	<b>78.0</b>	<b>75.7</b>	<b>77.9</b>	<b>82.3</b>
Renk	RS213NR2	RR2Y	2.1	R	CMB	<b>77.9</b>	12.5	6	802	74.8	71.9	<b>80.0</b>	<b>85.0</b>
Renk	RS241R2	RR2Y	2.4	S	CMB	<b>77.0</b>	12.2	4	793	76.4	<b>74.7</b>	76.7	80.0
FS Hisoy	HS 23A42	RR2Y	2.3	R	ACi	<b>76.6</b>	12.3	4	789	72.3	<b>82.4</b>	75.0	76.5
Latham	L2448R2	RR2Y	2.4	R	CCB	<b>76.6</b>	12.2	7	789	73.9	72.7	<b>78.7</b>	<b>81.2</b>
Dairyland	DST26-005/R2Y	RR2Y	2.6	MR	CMB	<b>76.4</b>	12.4	4	787	76.4	74.0	77.3	77.9
LG Seeds	C2441R2 GC	RR2Y	2.4	R	AC,PV	<b>76.0</b>	12.5	6	783	<b>77.4</b>	<b>80.7</b>	70.5	75.4
Cornelius	CB26R30	RR2Y	2.6	S	CCB	75.7	12.4	4	780	<b>81.7</b>	66.2	73.3	<b>81.5</b>
NK Brand	S19-Z9 GC	RR2Y	1.9	R	CCB	75.6	12.5	8	779	73.4	72.9	77.3	78.6
Pioneer	P25T51R \$	RR	2.5	R	EE,G	75.5	12.3	7	778	73.7	73.1	76.1	79.1
Asgrow	AG2632 \$	RR2Y	2.6	MR	ACi	75.4	12.4	4	777	71.7	72.6	<b>80.0</b>	77.4
NK Brand	S22-S1 \$	RR2Y	2.2	R	CCB	75.4	12.2	7	777	76.8	71.1	73.4	80.4
FS Hisoy	HS 28A42	RR2Y	2.8	R	ACi	75.1	12.4	7	774	76.2	67.3	75.6	<b>81.2</b>
Cornelius	CB28R58	RR2Y	2.8	R	CCB	75.1	12.5	7	774	76.3	<b>77.5</b>	73.1	73.4
Cornelius	CB25R78	RR2Y	2.5	R	CCB	75.0	12.4	7	773	70.8	71.4	76.7	<b>80.9</b>
Titan Pro	25M22	RR2Y	2.5	R	CCB	74.9	12.3	5	771	72.0	72.9	73.8	<b>80.8</b>
NK Brand	S20-T6 GC	RR2Y	2.0	MR	CCB	74.9	12.2	6	771	69.1	71.1	76.4	<b>82.9</b>
NuTech/G2 Gen	7240^	RR	2.4	R	EE,G	74.8	12.5	5	770	75.3	<b>74.9</b>	72.8	76.0
<b>Site Averages =</b>						<b>72.0</b>	<b>12.3</b>	<b>6</b>	<b>744</b>	<b>72.3</b>	<b>68.7</b>	<b>71.6</b>	<b>75.5</b>
LSD (0.10) =						4.0	0.2	5		4.8	5.6	6.3	5.0

Results in **bold** are significantly above test average.



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# FIRST Illinois North Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Grand Ridge	silty clay loam	conventional	15	5/22	178.2	medium	5.19
Malta	silty clay loam	minimum	15	5/21	177.5	low	4.67
Milledgeville	silt loam	conventional	15	5/21	148.3	none	3.22
Walnut	silt loam	no-till	15	5/24	167.0	medium	4.52

Rainfall obtained on-site (\*denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com)



Jason Beyers, FIRST Manager

### Soybean Stats:

Yield Range: 64.3-78.7

Yield Average: 71.4

Top \$ Per Acre: \$811.00

## Soybean Field Notes: Illinois North

**Grand Ridge**—The plants at the Grand Ridge location were only medium height with short internodes. Pod set was good and almost all pods contained at least three soybeans. There was evidence of sudden death syndrome and pythium diseases in the field surrounding our testing area, but the effects of neither disease was observed at this site. Seed size was large for most varieties. Plants of several varieties had dry pods and beans even though they still had green stems.

**Malta**—Plants at this site were tall with long internodes but did not carry as many pods per cluster as plants in many other locations.

FIRST farmer member Steve Drendel commented, “We maybe had too much rain in June, and July was a little short.” There was evidence of white mold in the test area that hurt several varieties. Seeds were small, and some pods only contained two soybeans. Several of the full-season varieties still had green stems at the time of harvest, but the beans were dry.

**Milledgeville**—This was a really nice location that was relatively disease-free in the test area. FIRST farmer member Steve Hollewell mentioned that the surrounding field averaged 65 bu. per acre, but there were pockets that were devastated by disease. Plants at the

Milledgeville location were tall with long internodes, which contributed to the lodging that was noted. Several varieties still held onto their dead leaves, making for a dusty harvest.

**Walnut**—This site had a nice uniform crop that yielded really well. There was little evidence of any problems that affected this site. Soybeans were tall and filled with a good bunch of pods on each internode. Of the varieties that had lodging, tall plant height was the cause. It was nice to finally cut some dry soybeans, as this site was harvested following a week of high humidity. Seed size was large at this site as well.

### 2.4-3.3 Maturity Group

Top 20 of 72 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Grand Ridge	Malta	Milledgeville	Walnut
Cornelius Steyer	CB28R58 2805R2	RR2Y	2.8	R	CCB	<b>78.7</b>	10.8	7	811	<b>75.7</b>	<b>75.5</b>	<b>82.8</b>	<b>80.9</b>
Pioneer	P25T51R \$	RR	2.5	R	EE,G	<b>77.1</b>	11.0	8	794	<b>74.7</b>	<b>76.6</b>	78.5	<b>78.6</b>
Stine	24RE03 GC	RR2Y	2.4	MR	None	<b>75.5</b>	11.0	18	778	<b>76.6</b>	70.3	79.0	76.2
Dyna-Gro	S29RY05	RR2Y	2.9	R	CMBV	75.2	10.9	11	775	73.9	<b>74.2</b>	80.1	72.7
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	75.0	10.9	10	773	<b>80.7</b>	67.7	77.5	73.9
Titan Pro	25M22	RR2Y	2.5	R	CCB	74.8	10.9	11	770	72.7	68.3	<b>82.6</b>	75.6
Renk	RS314NR2	RR2Y	3.1	R	CMB	74.6	10.9	9	768	71.3	<b>74.1</b>	77.2	75.7
Steyer	2503R2	RR2Y,ST	2.5	MR	CMBV	74.5	10.9	10	767	73.8	<b>73.0</b>	80.0	71.2
FS Hisoy	HS 28A42	RR2Y	2.8	R	ACi	74.3	10.9	8	765	<b>77.1</b>	69.0	76.8	74.4
Pfister	24R22	RR2Y	2.4	R	CCB	74.3	10.9	14	765	75.3	69.8	80.3	71.7
LG Seeds	C3245R2	RR2Y	3.2	R	AC,PV	73.9	11.2	6	761	<b>76.3</b>	70.9	76.5	71.8
Pfister	29R25	RR2Y	2.9	R	CCB	73.9	10.9	9	761	75.2	65.4	77.1	<b>77.7</b>
Asgrow	AG2632 \$	RR2Y	2.6	MR	ACi	73.6	11.1	6	758	<b>75.6</b>	69.3	75.5	74.1
Dairyland	DSR-3040/R2Y	RR2Y	3.0	R	CMB	73.5	10.9	7	757	72.8	<b>71.8</b>	76.3	73.2
NuTech/G2 Gen	7273^	RR	2.7	R	EE,G	73.4	11.0	6	756	73.4	66.4	79.9	73.8
Cornelius	CB31R64	RR2Y	3.1	R	CCB	73.4	11.0	7	756	72.5	67.5	<b>82.7</b>	70.7
Renk	RS335NR2	RR2Y	3.3	R	None	73.4	11.7	7	756	75.2	64.4	75.4	<b>78.5</b>
Stine	28RE20 \$	RR2Y	2.8	R	None	73.2	10.9	8	754	<b>79.2</b>	60.9	77.8	74.7
NuTech/G2 Gen	7240^	RR	2.4	R	EE,G	73.0	10.9	7	752	74.4	70.9	74.7	71.9
<b>Site Averages =</b>						<b>71.4</b>	<b>11.0</b>	<b>10</b>	<b>736</b>	<b>71.4</b>	<b>66.1</b>	<b>75.9</b>	<b>72.2</b>
LSD (0.10) =						4.1	0.4	6		4.2	5.6	5.1	5.4

Results in **bold** are significantly above test average.



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# FIRST Indiana North Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Howe	sandy loam	conventional	15	5/26	173.6	n/a	1.80
La Crosse*	sandy loam	conventional	15	5/31	176.9	n/a	2.76
Monroe	silty clay loam	conventional	15	5/29	186.8	n/a	3.94
Wolcott	silt loam	conventional	15	5/26	188.1	n/a	8.82

Rainfall obtained on-site (\*denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com)



Rich Schleuning, FIRST Manager

### Soybean Stats:

Yield Range: 72.5-82.9

Yield Average: 77.5

Top \$ Per Acre: \$808.00

## Soybean Field Notes: Indiana North

**Howe**—This crop started off with good emergence and full potential. Being irrigated, the plants in this crop elongated up to 46" tall. However, high winds lodged some plots down to only 20" tall. Some of the plots were hurt from this early lodging. There was also an area where a groundhog decided to call home, which destroyed the crop and allowed grass to take over. This replication was removed from the test. Signs of insect and disease pressure were present, as low infestations of white mold and sudden death syndrome were observed.

**La Crosse**—Plants at the La Crosse location ranged from

28–34" in height, with node spacing from 1.5–2" apart. Pod clusters had up to five pods per node. Oddly, compared to other locations in the area, the crop at this site did not have any empty pods. Plant health was good with light disease and insect damage. Because of yield swings, even the irrigated fields did not deliver the yield levels one would expect.

**Monroe**—The crop stood well at the Monroe location with plants reaching 38–44" in height. As crops elongated, node spacing was up to 4" apart. Light insect feeding was noted. Disease pressure was low, allowing for good pod fill and soybean size. Some of the later-

maturing varieties still had green stems with dry beans. Water ponding on one replication set it back to the point at which data could not be recorded.

**Wolcott**—On a June 27 field visit to the Wolcott location, the crop was at the fourth trifoliolate leaf stage with flowers present but not opened. An infestation of bean leaf beetles and Japanese beetles were present and feeding at that time. A wet August helped with pod fill and good soybean size. At the time of harvest there were some empty pods and single-bean pods present at the bottom of the plants, and grain moistures in the crop were high.

### 2.4-3.4 Maturity Group

Top 20 of 54 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Howe†	La Crosse	Monroe†	Wolcott
Partners Brand	PB 3415R2	RR2Y	3.4	MR	CMB	<b>82.9</b>	15.4	2	808	85.6	<b>77.1</b>	87.1	81.8
Ebberts	2345RR2	RR2Y	3.4	R	ACi	82.4	15.7	1	803	87.5	73.7	84.5	<b>83.8</b>
Steyer	3103R2	RR2Y	3.1	MR	CMBV	82.2	15.4	2	802	81.0	<b>77.9</b>	87.4	82.6
Seed Consultants	SCS 9314RR^	RR	3.1	R	EE,G	82.1	15.3	1	801	82.5	75.4	90.4	80.2
Ebberts	2324RR2	RR2Y	3.2	R	ACi	80.7	15.1	1	787	89.2	72.9	83.0	77.8
Mycogen	5N312R2	RR2Y	3.1	R	CCB	80.7	15.3	2	787	85.5	71.2	85.0	81.0
Armor	32-R72	RR2Y	3.3	R	A,M,C	80.1	15.1	1	782	78.6	<b>77.7</b>	80.2	<b>83.9</b>
Unity	3031RR2	RR2Y	3.0	R	CMBV	80.1	15.6	2	781	<b>92.7</b>	70.2	78.3	79.2
Dairyland Specialty	DSR-3040/R2Y	RR2Y	3.0	R	CMB	80.0	15.4	2	780	87.0	72.6	77.6	82.9
	2564CR2	RR2Y	2.5	R	ACi	80.0	15.6	4	780	80.9	75.1	82.5	81.4
Asgrow	AG3334 §	RR2Y	3.3	MR	ACi	79.9	15.2	1	780	85.6	72.6	79.5	81.7
Steyer	3301R2	RR2Y	3.3	MR	CMBV	79.7	15.2	1	778	75.5	74.3	85.6	83.3
NK Brand	S34-Z1 §	RR2Y	3.4	R	CCB	79.7	15.4	2	777	73.9	<b>79.0</b>	88.0	77.8
Seed Consultants	SCS 9345RR^	RR	3.4	R	EE,G	79.3	15.2	1	774	86.3	71.9	84.3	74.8
FS Hisoy	HS 34A42	RR2Y	3.4	R	CMBV	79.0	15.2	1	771	74.9	75.4	86.4	79.4
Steyer	2604R2	RR2Y	2.6	S	CMBV	78.9	15.3	2	770	79.9	69.4	89.7	76.5
Ebberts	2364RR2	RR2Y	3.4	R	ACi	78.8	15.3	1	769	84.4	72.1	80.7	78.1
LG Seeds	C3245R2	RR2Y	3.2	R	AC,PV	78.7	15.5	2	767	73.6	74.3	84.6	82.1
Stine	29RD22 §	RR2Y,ST	2.9	R	None	78.4	15.4	3	765	79.5	68.4	87.4	78.2
Ebberts	2305RR2	RR2Y	3.0	R	ACi	78.3	15.9	2	763	87.9	69.9	77.6	77.7
<b>Site Averages =</b>			<b>77.5</b>	<b>15.4</b>	<b>2</b>	<b>756</b>	<b>79.1</b>	<b>69.7</b>	<b>69.7</b>	<b>79.1</b>	<b>69.7</b>	<b>83.3</b>	<b>77.7</b>
LSD (0.10) =			5.4	0.5	1	11.2	6.8	8.5	6.1				

Results in **bold** are significantly above test average. † = 2 replications

# FIRST Ohio Northwest Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Bloomdale	clay	minimum	30	6/14	100.3	n/a	3.97
Findlay	sandy clay loam	minimum	30	5/28	100.4	n/a	2.27
Leipsic	sandy loam	minimum	30	5/16	n/a	n/a	n/a
New Bavaria	silty clay loam	no-till	30	5/27	n/a	n/a	1.11

Rainfall obtained on-site (\*denoted) or estimated from [www.weatherplot.com](http://www.weatherplot.com)



Rich Schleuning, FIRST Manager

### Soybean Stats:

Yield Range: 68.7-73.4

Yield Average: 71.0

Top \$ Per Acre: \$729.00

## Soybean Field Notes: Ohio Northwest

**Bloomdale**—At the Bloomdale location, which was not planted until June 14, the final populations were 100,000 plants per acre versus the seeding rate of 140,000 plants per acre. In spite of this, the stand was uniform and looked great at harvest. There were a few pockets at this site in which soybean plant heights were lower at 4–6", which was possibly from ponding due to earlier rains. This did not result in a loss of yield. The site did have good overall plant health with good soybean size and color. FIRST farmer member Larry Bishop was very pleased this season with yield averages of 62–70-plus bu. per acre. The trials

were harvested on Nov. 7 and averaged 68.5 bu. per acre.

**Findlay**—The wet fall of 2013, which slowed harvest, continued into the early spring this year and delayed planting. The Findlay location was planted on May 28. The weather pattern transitioned into more normal rainfall and moderate temperatures during the growing season. The soybean plants here looked very good all season. There was minimal incidence of disease at this location and complete weed control was observed here. The soybeans were standing well with no lodging. Yield levels were very good in this area. The trials were

harvested on Nov. 7 and averaged 73.5 bu. per acre.

**Leipsic**—Like many other locations, this site was planted into good soil conditions. Persistent spring rains caused ponding, which ultimately caused drownout areas within the site. Inadequate seed supply prevented us from replanting this site. Therefore, the test results at this location were lost due to extremely wet conditions.

**New Bavaria**—There are no harvest results from this location. FIRST farmer member Darrell Myles would not wait any longer for our harvest equipment to arrive, and he harvested the trials on Nov. 7 with the rest of his field.

## 2.4-3.4 Maturity Group

## Top 20 of 30 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Bloomdale	Findlay	Leipsic	New Bavaria
FS Hisoy	HS 29A42	RR2Y	2.9	R	ACi	73.4	16.1	1	729	<b>73.9</b>	72.8		
FS Hisoy	HS 30A42	RR2Y	3.0	R	ACi	73.1	16.0	1	727	69.3	76.8		
Ebberts	2313RR2	RR2Y	3.1	R	ACi	72.5	16.2	1	720	69.9	75.0		
Pioneer	P25T51R §	RR	2.5	R	EE,G	72.1	16.0	1	717	68.4	75.8		
Ebberts	2305RR2	RR2Y	3.0	R	ACi	72.1	16.3	1	716	70.5	73.7		
Stine	24RE03 §	RR2Y	2.4	MR	None	72.1	16.4	1	716	67.6	76.6		
Steyer	3103R2	RR2Y	3.1	MR	CMBV	72.0	16.1	1	716	68.8	75.1		
Dairyland	DSR-3040/R2Y	RR2Y	3.0	R	CMB	72.0	16.1	1	716	69.0	75.0		
Ebberts	2364RR2	RR2Y	3.4	R	ACi	71.9	16.1	1	715	<b>72.2</b>	71.5		
NK Brand	S28-A2 §	RR2Y	2.8	R	CCB	71.8	16.0	1	714	69.3	74.3		
LG Seeds	C3245R2	RR2Y	3.2	R	AC,PV	71.5	16.3	1	710	69.4	73.6		
Pioneer	P29T98R §	RR	2.9	R	EE,G	71.4	16.2	1	709	69.5	73.2		
LG Seeds	C3070R2	RR2Y	3.0	R	AC,PV	71.4	16.2	1	709	68.6	74.1		
Steyer	2604R2	RR2Y	2.6	S	CMBV	71.0	16.2	1	705	67.3	74.6		
Dairyland	DSR-3313/R2Y	RR2Y	3.3	R	CMB	70.9	15.9	1	705	67.6	74.1		
Ebberts	2345RR2	RR2Y	3.4	R	ACi	70.9	16.0	1	705	66.6	75.1		
Steyer	2805R2	RR2Y	2.8	MR	CMBV	70.8	16.2	1	703	69.5	72.1		
Steyer	2503R2	RR2Y,ST	2.5	MR	CMBV	70.8	16.3	1	703	68.7	72.9		
Stine	26RD02 §	RR2Y	2.6	R	None	70.6	16.3	1	701	66.3	74.9		
Stine	28RE20 §	RR2Y	2.8	R	None	70.4	15.8	1	700	68.7	72.1		
<b>Site Averages =</b>			<b>71.0</b>	<b>16.2</b>	<b>1</b>	<b>706</b>	<b>68.5</b>	<b>73.5</b>					
LSD (0.10) =			3.1	0.3	0					3.2	3.6		

Results in **bold** are significantly above test average.

Test lost to poor seedling establishment  
Test harvested by grower



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