

# 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**





## BETTER YIELDS, BETTER CONTROL AND BETTER SAVINGS.

GET UP TO  
**\$14/ACRE BACK**

When you buy Liberty® + Autumn™ Super + qualifying FMC residual with your LibertyLink® soybean purchase

- 1** PURCHASE LIBERTYLINK® SOYBEAN SEED
- 2** BUY LIBERTY® + AUTUMN™ SUPER + QUALIFYING FMC RESIDUAL
- 3** EARN REBATES

The LinkUp™ program is back with savings for LibertyLink® growers. Get rebates on the strongest weed control system with LibertyLink varieties and Liberty® herbicide.

PRODUCT	MATCH RATE	INCENTIVE
Liberty®	29.0 oz./acre	
Autumn™ Super	0.5 oz./acre	\$3.00/acre
Authority® Maxx	6.4 oz./acre	\$3.00/acre
Authority® Assist	8.0 oz./acre	\$3.00/acre
Authority® First	5.0 oz./acre	\$3.00/acre
Authority® MTZ DF	14.0 oz./acre	\$3.00/acre
Authority® XL	6.4 oz./acre	\$3.00/acre
Anthem®	6.0 oz./acre	\$2.00/acre

**For more information, contact your retailer or Bayer CropScience representative.**

Bayer CropScience reserves the right to modify or withdraw this program or any portion thereof without prior notice. Bayer CropScience LP, 2 TW Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer (reg'd), the Bayer Cross (reg'd), Autumn™, Liberty®, LibertyLink®, the LibertyLink logo (reg'd), and LinkUp™ are trademarks of Bayer. Liberty is not registered for use in all states. FMC is a trademark of FMC Corporation. Anthem and Authority are registered trademarks of FMC Corporation. For additional product information, call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us).

# Contents

## Heartland Edition

Covering Iowa, Kansas, Missouri and Nebraska

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 NENE</b><br>Nebraska Northeast | <b>18 IANC</b><br>Iowa North Central |
| <b>8 NESE</b><br>Nebraska Southeast | <b>20 IAWC</b><br>Iowa West Central  |
| <b>12 KSNE</b><br>Kansas Northeast  | <b>22 IAEC</b><br>Iowa East Central  |
| <b>14 IANO</b><br>Iowa North        | <b>26 MONW</b><br>Missouri Northwest |
| <b>16 IANW</b><br>Iowa Northwest    | <b>28 MONE</b><br>Missouri Northeast |

#### 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.

#### SOYBEAN RESULTS

- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| <b>30 NENE</b><br>Nebraska Northeast  | <b>38 IANC</b><br>Iowa North Central |
| <b>31 NESE</b><br>Nebraska Southeast  | <b>40 IASC</b><br>Iowa South Central |
| <b>32 KSNE</b><br>Kansas Northeast    | <b>42 IASO</b><br>Iowa South         |
| <b>33 KSEC</b><br>Kansas East Central | <b>44 MONW</b><br>Missouri Northwest |
| <b>34 IANO</b><br>Iowa North          | <b>46 MONE</b><br>Missouri Northeast |
| <b>36 IANW</b><br>Iowa Northwest      |                                      |

#### 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

AgSCI Copyright ©2014  
Agronomic Seed Consulting, Inc.  
All rights reserved.



PUT 'ER THERE

# EARLY SEASON

AND GET A JUMP ON YOUR

# YIELD BUMP.

STRATEGO<sup>®</sup> YLD



Treat your corn with an early season application of Stratego<sup>®</sup> YLD fungicide and get a head start on your yield bump. An early treatment of Stratego YLD delivers improved stalk strength, proven disease control and even higher yields than tassel sprays alone. Bump up your profit potential with Stratego YLD in your postemergence herbicide tankmix. For more information, contact your Retailer or Bayer CropScience Representative.

**HEALTHY FIELDS** **HIGHER YIELDS**™

[www.StrategoYLD.us/EarlySeasonApplication](http://www.StrategoYLD.us/EarlySeasonApplication)



Bayer CropScience

Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer (reg'd), the Bayer Cross (reg'd), Healthy Fields. Higher Yields.™ and Stratego<sup>®</sup> are trademarks of Bayer. Stratego YLD is not registered in all states. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us)  
CR0814STRYLDA155V00R0 A-26823-1



Tim Dozier, FIRST Manager



**Corn Stats:**

Yield Range: 190.9-220.8  
 Yield Average: 207.7  
 Top \$ Per Acre: \$688.00

**Corn Field Notes: Nebraska Northeast**

**Columbus**—No significant rainfall had been received since the previous year’s conventional fall tillage at this corn-on-corn irrigated site, so conditions were not favorable at planting. Early rains brought very good emergence, but a mid-May cold snap caused frost damage. June brought plenty of rainfall, which continued throughout the year. Weed control was excellent and there was very little disease pressure. A cool July and August led to a slow-developing crop and delayed harvest until late October.

**Dodge**—Excellent emergence followed by great growing conditions put this site on its way to outstanding yields! Heavy June rains allowed for a few weed escapes, but not enough to impact yields. No significant disease pressure was noticed. Corn was standing excellent at harvest time. Yields here averaged 207.5 bu. per acre in the early-season test and 206.5 bu. per acre in the full-season test.

**Hartington**—Dry planting conditions followed by continu-

ous rains throughout the season produced very good yields on this dryland corn site. We had very good stand establishment, but heavy rains caused some sheet erosion, resulting in a little nitrogen loss. Weed control was excellent and no significant disease pressure was noted. A cool July and August slowed crop development, delaying harvest for a week or two.

**Scribner**—Although planting conditions were near perfect for this no-till site, Mother Nature soon changed things, dumping 4” of rain three days after planting. Luckily, this site missed the worst of a devastating hailstorm that hit the area. The rest of the year provided excellent growing conditions to balance out the rough start. No weed control issues or other pest problems were observed. This site averaged 178.2 bu. per acre in the early-season test and 183 bu. per acre in the full-season test.

**Wayne**—The yields tell the story for this no-till dryland site. Dry planting conditions followed by

timely rains produced nearly perfect stands. The terrible storms that damaged many area fields in June missed this site, but some green-snap was noted. Weed control was excellent and there was no significant disease pressure. Plentiful rains with a cool July and August resulted in great yields. Harvest was delayed a couple of weeks for drydown. Average yields were 209.4 bu. per acre in the early-season test and 206.5 bu. per acre in the full-season test.

**Wisner**—The harsh winter led to an excellent no-till seed bed at planting. Emergence was great, but the May 16 freeze took down many V2 growth stage plants. The plants recovered quite well, as the final yields indicate. Excellent weed control and no disease pressure were noted. Besides a little hail, wind and rain, good conditions prevailed, resulting in excellent yields. This site averaged 216 bu. per acre in the early-season test and 212.9 bu. per acre in the full-season test.

Site Information Nebraska Northeast						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Columbus	silt loam	conventional	corn	250	4/23	3.07	12.70	2.38	8.86	-1.14	5.53
Dodge	silty clay loam	minimum	soybean	160	5/7	2.94	15.36	1.48	7.72	-2.08	4.23
Hartington	silt loam	no-till	soybean	157	5/5	5.67	18.12	5.98	10.40	2.76	7.54
Scribner	silt loam	no-till	soybean	180	5/7	6.53	14.61	0.86	6.42	-2.70	2.93
Wayne	silty clay loam	no-till	soybean	180	5/5	3.38	17.45	3.68	9.53	0.70	6.53
Wisner	silty clay loam	no-till	soybean	180	4/22	3.02	12.26	2.23	8.64	-1.41	4.65

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 Nebraska Northeast Corn Results



## EARLY-SEASON TEST 105-110 Day CRM

Top 30 of 42 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Columbus	Dodge	Hartington	Scribner	Wayne	Wisner
Channel	209-53STXRIB GC	STX,B	AC,P5V	109	<b>220.8</b>	18.3	1	688	1	255.5	198.0	<b>214.0</b>	<b>202.5</b>	<b>222.6</b>	<b>232.4</b>
Curry	830-39AMX	AMX,AQ,B	MQ,P5V,R	110	<b>217.2</b>	17.8	1	680	2	<b>259.8</b>	213.8	203.3	198.3	<b>221.1</b>	207.0
Augusta	A4658GT3110	3110	CM,C5	108	216.4	18.1	2	676	5	<b>259.9</b>	215.3	197.5	197.4	216.7	211.3
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	216.0	17.4	1	678	3	247.4	208.5	206.3	190.2	<b>219.9</b>	223.8
Renk	RK776SSTX	STX,B	AC,P2	107	214.7	18.8	1	667	12	257.5	214.7	200.1	171.1	215.1	229.4
AgriGold	A6442STXRIB	STX,B	AC,P5V	109	214.5	18.9	1	665	13	249.6	218.1	192.7	<b>200.6</b>	211.3	214.4
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	214.3	17.9	1	670	8	239.9	212.1	204.6	178.5	217.4	<b>233.3</b>
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	214.1	16.5	2	677	4	242.2	213.3	207.8	188.9	208.7	223.4
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	213.8	16.9	1	674	6	<b>259.7</b>	216.6	188.6	188.0	209.4	220.6
Pioneer	P0636AM GC	AM,AQ,B	MQ,P1V,R	106	213.8	17.7	1	670	9	242.4	216.1	199.4	182.9	<b>220.1</b>	221.8
Dyna-Gro	D50SS43	STX	AC,P5V	111	213.5	19.2	1	661	16	252.0	209.9	192.8	191.3	215.3	219.8
Prairie Brand	5815SX	STX	CM,C2	107	213.2	17.4	2	669	10	252.4	205.9	205.6	153.1	<b>220.5</b>	<b>241.8</b>
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110	213.0	18.9	2	661	17	247.6	208.5	199.1	171.3	<b>228.1</b>	223.5
Heine	790STX	STX	AC,P5V	107	212.5	19.2	1	658	19	241.2	214.1	192.2	186.2	219.1	222.2
Renk	RK791SSTX	STX,B	AC,P2	108	212.1	16.3	1	672	7	249.4	214.7	198.5	185.8	207.1	217.2
Fontanelle	08A544	STX,B	AC,P5V	108	211.9	17.8	1	663	15	245.2	<b>233.7</b>	204.3	166.1	209.0	212.8
LG Seeds	LG5603STX	STX	AC,P5V	110	211.9	18.6	1	659	18	<b>259.3</b>	212.2	204.5	166.7	215.1	213.7
Fontanelle	06A794	STX,B	AC,P5V	106	210.9	16.3	1	668	11	243.1	211.2	201.7	186.8	206.5	215.8
Fontanelle	11A224	STX,B	AC,P5V	110	210.9	19.4	1	652	22	244.7	199.3	200.3	193.2	217.4	210.2
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	210.2	16.7	2	664	14	244.5	214.7	196.6	182.1	200.5	222.5
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	210.0	18.0	1	656	20	229.7	210.7	207.6	179.5	210.1	222.5
Augusta	A5658GT3000	3000GT	CM,C2	108	209.7	18.3	1	654	21	244.8	211.9	195.5	181.7	199.8	224.4
Titan Pro	2M07-SS	STX,B	AC,P5V	107	206.4	16.7	1	652	23	232.2	208.8	194.6	162.3	<b>222.0</b>	218.4
Prairie Brand	1085GT3	3000GT	CM,C2	109	206.0	18.2	1	643	27	240.3	211.9	189.4	173.6	205.8	215.2
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	205.1	17.2	1	645	25	248.9	207.6	180.3	173.7	211.5	208.3
Channel	205-19STXRIB GC	STX,B	AC,P5V	105	205.0	16.1	1	650	24	248.0	203.1	189.7	193.4	191.3	204.7
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	205.0	17.3	1	644	26	233.0	186.6	191.7	192.1	197.8	229.0
Legend	9405GENSS	STX	CM,C2	105	204.0	17.3	1	641	28	243.7	209.3	187.8	152.2	213.4	217.5
Heine	798STXRIB	STX,B	AC,P5V	108	203.7	17.2	1	641	29	217.1	212.8	191.4	176.5	203.1	221.5
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	203.1	17.0	1	640	30	228.7	198.5	198.5	169.4	213.7	210.0
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	202.6	18.2	1	632	33	233.7	191.5	185.9	173.9	207.3	223.4
<b>Test Average =</b>					<b>207.9</b>	<b>17.9</b>	<b>1</b>	<b>650</b>		<b>241.0</b>	<b>207.5</b>	<b>195.3</b>	<b>178.2</b>	<b>209.4</b>	<b>216.0</b>
LSD (0.10) =					9.0	1.0	1			17.2	14.8	18.4	20.6	10.1	16.2

## FULL-SEASON TEST 111-114 Day CRM

Top 30 of 42 tested

Pioneer	P1257AM GC	AM,B	MQ,P1V,R	112	<b>220.5</b>	18.9	1	684	1	<b>272.8</b>	220.9	195.8	177.5	<b>223.4</b>	<b>232.6</b>
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	<b>220.1</b>	19.2	1	681	2	<b>262.4</b>	215.4	197.3	195.8	<b>220.5</b>	229.2
LG Seeds	LG5612STX	STX	AC,P5V	112	<b>217.6</b>	19.8	1	670	3	251.1	213.4	185.0	<b>206.5</b>	<b>223.1</b>	226.2
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	216.4	21.3	1	658	10	<b>259.7</b>	221.8	201.6	183.7	208.2	223.3
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114	216.1	20.0	1	665	4	<b>266.1</b>	201.7	207.9	176.0	213.0	<b>232.0</b>
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	215.2	20.3	1	660	7	<b>269.0</b>	<b>224.6</b>	194.1	195.5	195.4	212.5
Renk	RK898SSTX	STX	AC,P2	113	214.9	20.4	2	659	9	<b>259.1</b>	202.2	198.2	197.9	<b>217.6</b>	214.3
Curry	733-13AM	AM,AQ,B	MQ,P5V,R	113	214.4	19.5	1	662	6	<b>266.8</b>	206.6	189.2	187.1	<b>218.2</b>	218.6
Heine	852VT3PRORIB	VT3P,B	AC,P2	112	213.7	20.2	1	656	13	239.5	212.2	195.1	<b>201.5</b>	206.4	227.6
AgriGold	A6492STX	STX	AC,P5V	111	213.6	18.5	2	665	5	<b>258.7</b>	195.0	<b>204.0</b>	<b>189.1</b>	214.4	220.1
Heine	850VT3PRO	VT3P	AC,P2	112	213.3	21.1	2	650	17	242.1	221.1	199.0	<b>205.0</b>	201.5	211.3
Channel	211-35STXRIB	STX,B	AC,P5V	111	212.9	19.5	2	657	12	255.0	211.6	188.6	192.4	210.0	219.9
Curry	XC-1412CYXR	OIXT	MQ,P1V,R	112	212.9	20.1	1	654	14	253.8	201.4	<b>208.5</b>	<b>188.6</b>	<b>223.8</b>	201.4
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	212.2	18.6	1	660	8	249.9	213.0	197.8	180.6	209.8	221.8
Channel	211-24STXRIB	STX,B	AC,P5V	111	212.1	19.0	1	658	11	247.8	211.1	199.7	179.5	213.1	221.5
Heine	854VT2PRO	VT2P	AC,P2	112	211.3	20.7	1	646	19	242.1	222.6	181.8	189.4	210.4	221.2
Augusta	A4564GENSS	STX	AC,P5V	114	211.0	22.6	1	635	23	247.4	204.5	203.9	193.4	198.0	218.8
NuTech/G2 Gen	X5Z-1209^	OI	MQ,P1V,R	112	210.0	18.6	1	653	15	236.3	203.6	201.3	181.3	<b>219.1</b>	218.3
Prairie Brand	6305RA	STX,B	CM,C2	113	209.3	21.2	1	637	21	245.7	215.8	190.5	185.1	204.3	214.4
Renk	RK860VT3P	VT3P,B	AC,P2	111	209.0	18.5	1	651	16	252.9	207.6	190.3	177.8	210.8	214.7
Prairie Brand	1121RA	STX,B	CM,C2	112	208.6	18.8	1	648	18	233.2	209.8	205.0	193.2	208.0	202.5
Heine	842VT3PRO	VT3P	AC,P2	111	207.2	20.2	1	636	22	252.6	200.7	203.9	182.5	199.6	203.8
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	206.1	19.1	1	638	20	237.9	207.9	188.4	174.2	211.8	216.1
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	205.8	20.8	3	629	26	<b>257.7</b>	211.2	189.5	177.2	177.5	221.5
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	205.0	20.8	1	626	28	245.0	198.8	191.6	173.5	208.6	212.4
Mycogen	2Y767	STX,B	CM,C2	114	204.5	19.5	2	631	24	230.9	209.6	203.4	184.4	192.5	206.2
Renk	RK890SSTX	STX,B	AC,P2	113	204.3	19.4	1	631	25	245.5	214.9	164.6	189.9	197.7	213.2
Channel	213-40VT3PRIB GC	VT3P,B	AC,P2	113	202.6	19.8	1	624	30	225.5	204.3	193.5	186.5	201.3	204.3
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	201.9	18.9	1	626	29	234.7	200.0	184.4	178.1	207.2	206.7
Legend	9410GENSSRIB	STX,B	CM,C2	110	201.0	17.8	2	629	27	229.7	217.1	192.4	174.6	191.5	200.7
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	194.6	18.2	1	607	40	225.9	183.9	176.9	176.2	205.3	199.5
<b>Test Average =</b>					<b>207.5</b>	<b>20.0</b>	<b>1</b>	<b>638</b>		<b>243.5</b>	<b>206.5</b>	<b>192.3</b>	<b>183.0</b>	<b>206.5</b>	<b>212.9</b>
LSD (0.10) =					9.8	1.0	1			14.1	17.4	16.1	17.8	11.1	17.8

Bold yields are significantly above test average.



**Corn Stats:**  
 Yield Range: 193.4-217.4  
 Yield Average: 205.3  
 Top \$ Per Acre: \$691.00

## Corn Field Notes: Nebraska Southeast

Adam Stuteville, FIRST Manager

**Beatrice**—This site was planted on May 5 into excellent conditions and emerged very well. It went through a dry spell during part of June but after that, timely rains really pushed up the yields. Plants were standing well and very tall. Ear placement was high. Ears were very girthy with deep kernels. Very little disease was present, and weed control was very good as well. FIRST farmer member Joe Thimm stated that this was the best corn crop he could remember harvesting.

**Cook**—This no-till site was planted on May 6 into an excellent seedbed and had very uniform emergence. Timely rains were received in June. A couple of missed July rain events would have helped boost yields. Weed control was great. At harvest, plants were standing well but were infested with a light amount of gray leaf spot. The plant tops were blown and broken out of most hybrids. Ears had .5" of tip dieback with 16-20 kernel rows around.

**Du Bois**—This location was planted on May 5 into slightly dry conditions and received a hard rain a few days after planting, which slightly lowered final populations. It received timely rain until the middle of June. From late June through July, the site missed several rains, which really hurt top-end yield. The corn pollinated well, but the ears aborted kernels during grain fill because of moisture stress. Most ears had 2–3" of tip dieback. Plants were short and standing well, but the ears were close to the ground.

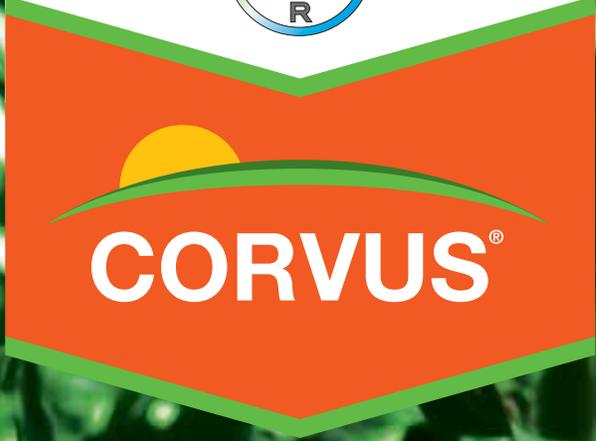
**Seward**—These tests were planted on May 7 into warm, moist soils and emerged fast. Some light hail fell on the corn around the V5 growth stage, shredding the leaves, but the corn was able to recover quickly. There was very little disease present, and weed control was very good at this site. Ears were positioned high above the ground and filled out past the husk. Kernels were deep and shelled easily. Corn was standing well at harvest with stalks that were still green.

**Springfield**—This site was planted on April 26 into great soil conditions. The plants emerged fast with good final populations. The site continued to look good all season. There was a small amount of gray leaf spot within the tests. Weed control at this location was great. Corn stalk strength was holding up as no lodging was observed. Plants were tall with high ear placement. Ears had big, deep kernels that extended beyond the husk, with 18 to 22 kernel rows around.

**Union**—This site was planted on May 6 into excellent soil moisture and emerged well with high stand count numbers. It looked good all season and caught timely rain in August that really helped push the yield over 200 bu. per acre. Most hybrids had big girthy ears filled with kernels beyond the end of the husk. Plants were standing well at harvest, and stalk quality was still very good. One full-season test replication was removed, however, because of variable yields associated with change of slope.

Site Information Nebraska Southeast						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Beatrice	silt loam	no-till	soybean	208	5/5	3.46	8.41	6.46	6.97	2.36	2.91
Cook	silty clay loam	no-till	soybean	210	5/6	5.10	9.51	3.36	7.39	-0.97	3.87
Du Bois	silty clay loam	minimum	corn	163	5/5	4.02	10.66	3.10	7.33	-1.94	3.29
Seward	silt loam	no-till	soybean	180	5/7	5.51	9.23	2.05	7.95	-1.61	4.56
Springfield	silt loam	no-till	soybean	180	4/26	6.50	7.87	2.21	10.05	-1.69	5.99
Union	silt loam	no-till	soybean	150	5/6	6.60	8.42	2.75	9.44	-0.82	6.22

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



**CORVUS<sup>®</sup>**



**THE  
CORVUS  
ZONE**

**WELCOME TO THE  
CORVUS ZONE.**



**THE  
CORVUS  
ZONE**

Corvus<sup>®</sup> is the only corn herbicide that delivers 3 levels of defense against grass and broadleaf weeds, including tough-to-control and resistant weeds.

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

Keep it weed-free all season with Corvus, the #1 pre-emergence corn herbicide.

Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709.  
Always read and follow label instructions. Bayer, the Bayer Cross and Corvus are registered trademarks of Bayer. Corvus is a Restricted Use Pesticide. Corvus is not registered in all states. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us)  
CR0814CORVUSA157V00R0 A-26832-1



Bayer CropScience



# FIRST Nebraska Southeast Corn Results

## EARLY-SEASON TEST 107-112 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	Beatrice	Cook	Du Bois	Seward	Springfield	Union†
Champion	CSX62A13SSRIB	STX,B	AC,P5V	112	<b>217.4</b>	15.9	0	691	1	<b>236.8</b>	<b>195.5</b>	148.1	<b>241.8</b>	267.4	214.5
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	<b>216.3</b>	15.7	0	688	2	<b>248.1</b>	<b>197.1</b>	<b>158.9</b>	230.8	264.5	198.4
Ohlde	O 24-05VT2ProRB	VT2P,B	AC,P2	106	215.2	15.4	0	686	3	226.7	<b>197.3</b>	<b>164.8</b>	226.7	<b>269.8</b>	205.7
Ohlde	O 25-09VT2ProRB	VT2P,B	AC,P2	109	214.6	15.8	0	682	4	230.5	<b>193.0</b>	154.6	234.2	<b>280.8</b>	194.2
Prairie Brand	6305RA	STX,B	CM,C2	113	214.6	15.8	0	682	5	220.8	<b>196.9</b>	157.8	237.5	<b>274.4</b>	200.1
AgriGold	A6488VT2RIB	VT2P,B	AC,P5V	111	212.4	16.0	0	674	7	224.1	184.0	<b>162.9</b>	229.0	<b>271.0</b>	203.6
Renk	RK791SSTX	STX,B	AC,P2	108	211.4	15.3	0	675	6	215.2	<b>190.2</b>	<b>161.3</b>	234.1	263.3	204.5
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	210.8	15.9	0	670	9	231.3	<b>191.9</b>	139.0	226.7	<b>282.3</b>	193.7
Channel	211-35STXRIB	STX,B	AC,P5V	111	210.6	15.7	0	670	10	224.4	176.3	146.2	237.8	264.5	214.4
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	210.5	15.3	0	672	8	220.2	<b>191.0</b>	<b>164.9</b>	226.1	259.8	201.2
Fontanelle	09D623	VT2P,B	AC,P5V	109	210.2	15.6	0	669	11	<b>239.7</b>	184.3	156.8	223.1	254.2	203.0
Titan Pro	TP 36-12 2P	VT2P,B	AC,P2	112	210.2	15.7	0	669	12	208.2	186.5	<b>161.0</b>	236.5	265.3	203.9
Channel	209-53STXRIB	STX,B	AC,P5V	109	209.7	15.8	0	667	13	231.0	188.0	140.9	<b>243.0</b>	259.4	196.1
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112	209.3	15.9	0	665	15	229.2	186.0	148.1	222.4	257.5	212.3
Renk	RK858VT3P	VT3P,B	AC,P2	112	209.2	15.9	0	665	16	<b>237.8</b>	178.8	156.3	216.4	261.6	204.2
Prairie Brand	1121RA	STX,B	CM,C2	112	209.0	15.5	0	666	14	216.3	<b>195.7</b>	157.5	227.2	<b>274.2</b>	183.0
Titan Pro	2M07-SS	STX,B	AC,P5V	107	208.6	15.4	0	665	17	227.4	178.5	147.2	236.4	249.7	212.6
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110	208.3	15.5	0	664	18	228.1	181.1	142.8	231.6	253.7	212.3
Curry	XC-1412CYXR	OIXT	MQ,P1V,R	112	208.1	15.3	0	664	19	219.9	177.9	157.2	227.9	261.9	203.6
Dekalb	DKC55-09RIB GC	STX,B	AC,P5V	105	207.7	15.3	0	663	20	220.3	<b>191.0</b>	153.4	232.7	247.8	200.7
Curry	830-39AMX	AMX,AQ,B	MQ,P5V,R	110	206.3	15.7	0	657	22	219.8	189.9	133.6	<b>243.0</b>	245.5	206.0
Ohlde	O 24-10VT2ProRB	VT2P,B	AC,P2	110	206.1	15.7	0	656	24	221.8	177.3	150.2	210.9	<b>270.9</b>	205.6
Dekalb	DKC60-55RIB GC	VT2P,DG,B	AC,P2	110	205.9	15.3	0	657	23	226.1	175.9	152.0	218.1	260.0	203.4
Augusta	A5658GT3000	3000GT	CM,C2	108	205.7	15.4	0	656	25	213.4	177.8	155.2	234.3	256.0	197.7
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	205.4	15.4	0	655	26	220.0	188.7	<b>165.3</b>	222.9	226.0	209.6
Prairie Brand	5985SX	STX	CM,C2	111	205.4	15.6	0	654	27	207.0	<b>190.4</b>	151.8	<b>248.0</b>	241.3	194.1
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	205.3	15.7	0	653	28	221.3	182.2	153.8	<b>242.4</b>	237.7	194.4
Renk	RK860VT3P	VT3P,B	AC,P2	111	204.3	15.4	0	652	29	231.4	170.7	156.6	203.7	254.9	208.3
Pioneer	P1257AM GC	AM,B	MQ,P1V,R	112	204.0	15.6	0	650	30	218.6	180.7	135.5	217.3	<b>284.0</b>	188.1
Augusta	A4658GT3110	3110	CM,C5	108	203.1	15.4	0	648	31	222.9	189.9	148.5	214.4	252.0	191.1
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	206.1	15.3	0	658	21	209.7	178.1	147.5	226.5	254.6	<b>220.1</b>
<b>Test Average =</b>					<b>205.7</b>	<b>15.6</b>	<b>0</b>	<b>655</b>		<b>222.0</b>	<b>181.8</b>	<b>147.3</b>	<b>226.7</b>	<b>255.0</b>	<b>201.2</b>
LSD (0.10) =					9.9	0.4	0			13.6	8.4	11.5	13.6	14.2	17.2

## FULL-SEASON TEST 113-116 Day CRM

Top 30 of 48 tested

Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	<b>216.2</b>	16.6	0	683	1	<b>238.9</b>	<b>197.0</b>	137.3	240.8	272.4	211.0
Titan Pro	2M14-SS	STX,B	AC,P5V	114	212.5	17.0	0	669	4	230.5	<b>198.0</b>	<b>143.2</b>	<b>251.4</b>	241.7	209.9
Ohlde	O 24-14DGV2ProRB	VT2P,DG,B	AC,P2	114	212.0	16.2	0	672	2	233.0	192.4	128.3	234.3	<b>285.2</b>	199.0
Dekalb	DKC63-55RIB	VT2P,DG,B	AC,P5V	113	211.4	16.3	0	670	3	221.4	189.9	139.3	245.9	270.0	201.7
Curry	733-13AM	AM,AQ,B	MQ,P5V,R	113	211.2	16.4	0	668	5	228.3	193.9	<b>143.2</b>	238.7	257.8	205.0
AgriGold	A6619VT2RIBD1	VT2P,DG,B	AC,P5V	114	210.9	16.4	0	667	6	<b>238.4</b>	<b>210.0</b>	127.9	242.3	250.6	196.4
Fontanelle	13D843	VT2P,B	AC,P5V	113	210.1	16.1	0	667	7	236.0	173.8	<b>144.0</b>	241.8	254.5	210.2
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	208.5	16.0	0	662	8	226.2	192.7	134.3	228.7	258.4	210.9
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	208.1	16.1	0	660	9	222.0	187.5	<b>145.2</b>	245.7	257.8	190.1
Champion	CSX65A15VT2Pro	VT2P,DG,B	CM,C2	115	207.7	16.8	0	655	13	225.5	181.1	<b>142.0</b>	232.2	259.3	205.8
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	207.5	16.6	0	656	11	230.8	185.6	<b>143.3</b>	241.0	256.1	188.3
Renk	RK941SSTX	STX,B	AC,P2	114	207.4	16.6	0	655	14	220.2	194.3	126.5	239.5	257.4	206.4
Champion	CSX63A13VT2ProRIB	VT2P,B	CM,C2	113	207.2	16.1	0	657	10	226.1	193.3	126.7	219.3	261.0	216.7
Channel	215-81VT2PRIB	VT2P,B	AC,P5V	115	207.1	16.5	0	655	15	225.3	<b>200.2</b>	133.7	238.1	250.4	194.9
Fontanelle	15D893	VT2P,B	AC,P5V	115	207.0	16.5	0	655	16	231.8	190.9	126.0	227.4	247.1	218.9
Dekalb	DKC64-69RIB GC	VT3P,B	AC,P5V	114	206.9	16.2	0	656	12	231.2	165.3	107.6	244.9	<b>280.8</b>	211.8
Channel	217-41DGV2PRIB	VT2P,DG,B	AC,P5V	117	206.9	16.3	0	655	17	227.6	191.7	133.7	223.9	255.2	209.3
Fontanelle	13A834	STX,B	AC,P5V	113	206.9	16.4	0	655	18	227.3	<b>195.5</b>	<b>145.9</b>	225.8	254.4	192.2
Fontanelle	8A104RBC	STX,B	AC,P5V	115	206.6	16.7	0	652	20	227.1	180.7	132.8	234.6	260.0	204.5
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	206.5	16.8	0	652	21	212.4	<b>204.2</b>	137.2	233.2	240.5	211.6
Renk	RK890SSTX	STX,B	AC,P2	113	205.9	16.2	0	653	19	215.4	<b>198.2</b>	136.8	218.3	259.8	207.1
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	205.8	16.5	0	651	22	228.7	184.5	132.6	236.3	253.1	199.4
Augusta	A4564GENSS	STX	AC,P5V	114	205.6	16.8	0	649	25	234.4	186.9	135.0	230.6	248.6	197.9
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	205.3	16.1	0	651	23	228.4	191.3	123.4	225.7	261.7	201.0
Ohlde	O 25-16VT2ProRB	VT2P,B	AC,P2	116	205.2	16.2	0	650	24	226.3	185.1	132.9	211.8	264.3	210.5
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	205.0	16.5	0	648	26	208.9	192.0	137.7	242.8	255.9	192.7
Renk	RK930VT3P	VT3P,B	AC,P2	115	204.3	16.7	0	645	27	220.7	190.3	124.1	228.2	256.7	205.9
Curry	735-44AM-R	AM-R,B	MQ,P5V,R	115	204.1	16.7	0	644	30	217.4	168.3	115.9	<b>265.7</b>	236.6	220.8
Renk	RK935SSTX	STX	AC,P2	115	203.8	16.5	0	645	28	225.0	193.1	<b>141.5</b>	221.3	245.8	195.9
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	203.6	16.3	0	645	29	219.5	173.9	129.6	226.5	266.5	205.7
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	199.3	16.1	0	632	43	220.2	182.2	130.4	243.4	230.8	189.0
<b>Test Average =</b>					<b>204.8</b>	<b>16.4</b>	<b>0</b>	<b>648</b>		<b>224.6</b>	<b>186.0</b>	<b>130.4</b>	<b>230.8</b>	<b>253.6</b>	<b>203.4</b>
LSD (0.10) =					9.9	0.5	0			12.6	8.5	10.2	19.4	21.5	17.8

† yields are significantly above test average. ‡ = 2 replications, full-season test



# Capreno

# IT'S MAN vs WEED

**This year, win all season long.**

Capreno® postemergence corn herbicide

- Has a residual that outlasts any in its class
- Defeats even glyphosate-resistant weeds
- Delivers an amazing end-of-season clean

In the ongoing battle against the weed, now you have the next powerful advancement in control.

**For more information, contact your Retailer or Bayer CropScience Representative.**



Bayer CropScience

Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer, the Bayer Cross and Capreno are registered trademarks of Bayer. Capreno is not registered in all states. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us)  
CR0913CAPRENA081V00R0 B-26339-1



**Corn Stats:**  
 Yield Range: 178.2-210.1  
 Yield Average: 193.8  
 Top \$ Per Acre: \$620.00

## Corn Field Notes: Kansas Northeast

Adam Stuteville, FIRST Manager

**Baldwin City**—This site was planted on April 18 into excellent conditions, which resulted in great seedling emergence. It received a spotty frost the middle of May. In June, the total rainfall was three times the 30-year average for this area. Weed control here was excellent. The plants were standing decent at harvest, but the stalks were very weak. In his field surrounding this site, FIRST farmer member Luke Ulrich had yields that averaged roughly 170 bu. per acre. Data shown here is for two replications, as results from one replication in each test were removed because water ponding significantly reduced the data quality.

**Bucyrus**—This site was planted into an excellent tilled seedbed and emerged rapidly. The crop received a very light frost at the V1 growth stage. June brought plenty of rainfall, which totaled over 16". Weed control was great and very little foliar disease was seen. At harvest, the corn was standing well, but the plant tops had broken off of

most hybrids. Ears were large and kernels extended beyond the husk.

**Hiawatha**—This site was planted into excellent conditions and emerged very nicely. Timely rains in June and July really helped push yields. Some gray leaf spot was seen throughout the trial area. Apart from that, weed control was good. Ears were girthy with deep kernels extending out of the husk. The plants were tall with ears that were placed high on the plants. The corn was standing well, as is reflected by the low lodging scores.

**Seneca**—This site was planted on May 5 into good soil moisture and emerged very well. The test received timely rains in June and early July but went through an extended dry period from late July through August. Weed control was very good. A light infestation of gray leaf spot was noted. Corn ears had nearly an inch of tip dieback and were 14 to 16 kernels around. Corn plants were still standing decent at harvest, but the stalks were very brittle.

**Valley Falls**—This test location was planted on April 23 and had excellent weed control throughout the growing season. There was a light infestation of gray leaf spot present at this site. Timely rains pushed yield levels higher than otherwise expected for this year. The corn plants were standing well, but the stalk quality was starting to deteriorate by harvest. The ears here had a healthy girth, which helped to compensate for the 1/2" of tip dieback. Pollination at this site was excellent, as was indicated by the full kernel sets that were observed.

**Wathena**—Corn seedlings at this site emerged great and looked good all season. Rainfall was timely for the entire growing season. Weed control was excellent. There was very little disease pressure observed at this location. Plants were tall with strong stalks and high ear placement. Ears were girthy at 18 to 22 kernel rows in diameter and filled completely with deep kernels out past the end of the husk.

Site Information						2014 Rainfall (inches)					
Kansas Northeast						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Baldwin City	silty clay loam	conventional	soybean	153	4/18	3.51	6.64	1.61	4.52	-2.70	0.88
Bucyrus	silt loam	conventional	soybean	207	5/6	4.35	7.90	1.61	6.53	-2.57	2.39
Hiawatha	silty clay loam	no-till	corn	180	5/4	4.23	8.12	3.05	10.75	-1.11	6.98
Seneca	silty clay loam	no-till	soybean	120	5/5	4.20	7.76	4.08	9.60	-0.28	5.81
Valley Falls	silty clay loam	no-till	soybean	140	4/23	4.74	6.82	2.38	6.47	-1.25	2.13
Wathena	silt loam	no-till	soybean	185	5/4	5.16	7.79	5.71	8.20	0.52	4.22

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 Kansas Northeast Corn Results



## EARLY-SEASON TEST 107-112 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	Baldwin City#	Bucyrus	Hiawatha	Seneca	Valley Falls	Wathena
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	<b>210.1</b>	17.0	0	620	1	161.2	<b>237.4</b>	<b>224.2</b>	154.6	<b>231.1</b>	<b>252.1</b>
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	205.9	16.2	0	612	2	176.5	<b>219.5</b>	<b>222.7</b>	154.9	218.9	242.6
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	205.3	16.2	0	610	3	175.5	<b>235.0</b>	212.3	154.4	211.3	243.0
Ohlde	O 25-09VT2ProRB	VT2P,B	AC,P2	109	205.3	16.3	0	609	4	176.7	<b>231.6</b>	202.5	148.2	221.0	<b>252.0</b>
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	205.0	17.1	0	604	6	178.9	216.4	<b>222.5</b>	152.7	225.3	234.4
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112	204.8	16.5	0	607	5	156.4	<b>226.1</b>	<b>224.0</b>	158.8	<b>231.0</b>	232.3
Dyna-Gro	D50VC43	VT2P	AC,P5V	110	199.2	16.0	0	593	7	170.9	<b>222.1</b>	209.2	160.6	201.5	231.1
Prairie Brand	6305RA	STX,B	CM,C2	113	198.5	16.7	0	587	9	179.3	212.2	220.5	156.4	196.4	226.4
Ohlde	O 24-05VT2ProRB	VT2P,B	AC,P2	106	198.2	15.7	0	591	8	168.2	<b>220.6</b>	188.1	139.4	<b>227.3</b>	245.6
Pioneer	P1257AM GC	AM,B	MQ,P1V,R	112	197.3	16.1	0	586	10	<b>183.7</b>	188.5	212.4	141.6	<b>233.4</b>	223.9
Prairie Brand	5815SX	STX	CM,C2	107	196.6	16.0	0	585	11	174.6	208.3	215.7	149.1	200.6	231.0
Renk	RK834SSTX	STX	AC,P2	111	196.6	16.5	0	582	13	165.1	204.2	210.5	153.8	212.2	233.6
Mycogen	2V717	STX,B	CM,C2	111	196.4	16.1	0	584	12	178.0	<b>229.5</b>	194.6	161.4	190.5	224.3
Mycogen	2V709	STX,B	CM,C2	110	195.4	16.2	0	580	15	172.4	217.1	201.1	150.5	201.6	229.7
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	195.2	16.2	0	580	16	149.4	185.4	<b>232.8</b>	157.2	204.0	242.4
Renk	RK791SSTX	STX,B	AC,P2	108	195.1	15.7	0	582	14	174.8	211.7	205.6	145.7	194.7	238.2
Renk	RK860VT3P	VT3P,B	AC,P2	111	194.5	16.2	0	578	17	173.7	<b>221.7</b>	211.2	150.5	167.1	242.7
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	194.3	16.1	0	578	18	166.3	189.7	201.2	144.4	220.8	243.5
Ohlde	O 24-12VT2ProRB	VT2P,B	AC,P2	112	194.0	16.6	0	574	19	175.9	197.3	216.2	150.8	192.4	231.2
Curry	830-39AMX GC	AMX,AQ,B	MQ,P5V,R	110	193.5	16.3	0	574	20	162.4	212.3	209.5	157.1	176.8	243.1
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	193.4	16.3	0	574	21	171.2	<b>222.3</b>	207.0	149.5	185.6	224.6
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	193.4	16.7	0	572	22	159.8	213.2	212.3	<b>163.1</b>	185.2	226.5
Dekalb	DKC55-09RIB GC	STX,B	AC,P5V	105	191.8	15.7	0	572	24	175.7	204.3	209.7	145.0	177.7	238.2
Ohlde	O 24-10VT2ProRB	VT2P,B	AC,P2	110	191.5	16.1	0	569	25	172.4	<b>227.4</b>	196.8	143.3	189.9	219.2
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	191.1	16.3	0	567	26	157.8	211.3	212.7	138.7	174.7	<b>251.2</b>
Prairie Brand	5985SX	STX	CM,C2	111	188.8	16.2	0	561	27	164.6	210.0	212.6	139.6	164.4	241.6
Curry	XC-1412CYXR GC	OIXT	MQ,P1V,R	112	188.5	16.5	0	558	29	163.1	182.1	201.0	146.2	214.2	224.6
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	187.1	15.4	0	559	28	145.4	200.6	212.9	147.0	188.2	228.2
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	186.0	15.7	0	555	30	176.1	194.7	208.6	142.2	177.7	216.4
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	185.9	15.7	0	554	31	160.3	168.1	205.6	143.5	199.2	238.5
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	192.3	16.0	0	572	23	168.1	210.4	209.0	142.6	188.4	235.0
<b>Test Average =</b>					<b>194.0</b>	<b>16.2</b>	<b>0</b>	<b>576</b>		<b>167.2</b>	<b>206.9</b>	<b>209.8</b>	<b>149.7</b>	<b>196.5</b>	<b>233.8</b>
LSD (0.10) =					12.1	0.5	ns			13.7	12.3	11.0	12.1	30.2	12.5

## FULL-SEASON TEST 113-116 Day CRM

Top 30 of 36 tested

Ohlde	O 24-14DGV2ProRB	VT2P,DG,B	AC,P2	114	<b>208.6</b>	17.0	0	615	1	148.3	<b>230.5</b>	<b>231.4</b>	<b>168.1</b>	227.3	246.2
Dekalb	DKC63-55RIB GC	VT2P,DG,B	AC,P5V	113	<b>207.5</b>	16.9	0	613	2	171.0	<b>233.8</b>	211.1	158.1	227.1	244.1
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	205.6	16.4	0	610	3	151.2	<b>233.8</b>	<b>228.7</b>	153.9	211.2	<b>255.0</b>
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	202.3	17.5	0	594	5	162.9	<b>222.8</b>	205.2	152.1	224.8	246.1
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	201.5	16.8	0	595	4	156.9	214.5	<b>222.3</b>	138.1	235.3	242.1
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	201.0	17.1	0	592	6	158.9	219.5	<b>200.8</b>	149.2	237.5	239.8
LG Seeds	LG5717VT2P	VT2P	AC,P5V	116	199.3	17.4	0	586	9	163.3	<b>225.6</b>	190.6	154.3	226.1	235.7
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	198.8	16.6	0	588	7	160.8	216.8	201.4	156.1	218.4	239.1
Ohlde	O 24-13VT2ProRB	VT2P,B	AC,P2	113	198.7	16.8	0	587	8	157.8	201.9	216.3	152.7	236.4	227.1
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	196.5	17.7	0	576	15	154.7	220.3	199.6	159.9	206.9	237.6
Mycogen	2C788	STX,B	CM,C2	114	196.4	17.2	0	578	13	165.1	201.4	<b>222.2</b>	141.8	209.3	238.8
Mycogen	2C799	STX,B	CM,C2	114	196.3	16.5	0	582	11	161.5	<b>222.0</b>	<b>228.2</b>	161.1	170.3	234.9
Curry	733-13AM GC	AM,AQ,B	MQ,P5V,R	113	195.8	16.6	0	580	12	161.6	211.7	198.5	149.6	219.1	234.0
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114	195.4	17.1	0	576	16	158.3	<b>239.9</b>	214.1	137.0	187.9	235.2
Channel	213-59STXRIB GC	STX,B	AC,P5V	113	194.7	16.3	0	578	14	154.7	217.4	207.7	153.0	204.6	230.9
Prairie Brand	1123RA	STX,B	CM,C2	113	194.3	16.6	1	575	17	159.6	219.5	211.1	147.2	178.3	<b>250.0</b>
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	194.2	16.8	0	574	18	162.8	201.4	207.7	150.0	213.4	230.1
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	193.4	16.5	0	573	19	146.7	213.5	211.0	145.0	198.6	245.7
Dekalb	DKC64-69RIB GC	VT3P,B	AC,P5V	114	193.4	16.9	0	571	21	153.9	216.5	210.0	148.1	190.4	241.5
Ohlde	O 23-15VT2ProRB	VT2P,B	AC,P2	115	193.2	16.6	0	572	20	160.7	176.5	<b>221.3</b>	132.2	224.0	244.2
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	192.1	16.4	0	570	22	147.0	208.2	210.2	139.3	194.7	<b>253.3</b>
Channel	213-40VT3PRIB GC	VT3P,B	AC,P2	113	190.3	17.1	0	561	23	148.2	<b>225.5</b>	195.0	150.6	195.8	226.6
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114	189.1	17.1	0	557	24	170.2	198.0	205.0	153.7	182.6	225.1
Golden Harvest	G14H66-GTA GC	GT,A	AVC,C5	114	188.9	17.1	0	557	25	149.5	202.8	199.1	150.6	217.3	214.2
Ohlde	O 25-16VT2ProRB	VT2P,B	AC,P2	116	188.5	16.9	0	557	26	160.9	196.1	188.2	156.3	195.9	233.8
Renk	RK941SSTX	STX,B	AC,P2	114	188.2	17.4	0	553	29	138.3	176.1	212.1	154.5	212.3	235.7
Renk	RK890SSTX	STX,B	AC,P2	113	187.6	16.3	0	557	27	158.0	204.7	201.5	142.2	199.8	219.1
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	187.6	17.2	0	552	31	154.6	167.0	211.1	155.8	199.1	238.2
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	186.8	16.3	3	554	28	147.6	214.3	<b>232.3</b>	144.4	136.2	245.7
Renk	RK898SSTX	STX	AC,P2	113	186.4	16.3	0	553	30	149.5	204.8	205.4	137.5	189.6	231.7
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	196.6	15.9	0	585	10	149.9	<b>229.0</b>	200.2	157.7	218.8	223.8
<b>Test Average =</b>					<b>193.6</b>	<b>16.8</b>	<b>0</b>	<b>572</b>		<b>154.8</b>	<b>208.5</b>	<b>208.3</b>	<b>148.8</b>	<b>205.5</b>	<b>235.5</b>
LSD (0.10) =					13.3	0.5	ns			17.1	12.1	9.9	16.5	32.6	11.6

**Bold** yields are significantly above test average. *Italicized* brands exceed the grain moisture limit for this test. ‡ = 2 replications, early- and full-season tests



Corey Rozenboom, FIRST Manager



## Corn Field Notes: Iowa North

### Corn Stats:

Yield Range: 159.0-195.8

Yield Average: 181.4

Top \$ Per Acre: \$592.00

**Britt**—The good planting conditions of early May were followed by cool temperatures that slowed seedling growth from May 11 through May 19. Some June storms brought big rains to this location, putting rainfall totals 7.5" over the 30-year average for the month. Conditions for pollination in July were excellent, and plants appeared healthy except for some common rust. August brought another 8.5" of rain. Cooler-than-average temperatures prevailed for much of June through July and then again the first couple of weeks of September. This slowed crop development, causing delayed maturity. Temperatures fell near freezing on the night of Sept. 12. Plants were shorter in this area of the field with low ear heights, indicating stunted growth from earlier in the season. Stalk quality and ear retention at harvest was good.

**Emmettsburg**—This corn-on-corn site started with cool and wet weather for 10 days immediately after planting. Considering the cool temperatures after planting and major rain events during June, the final stands were satisfactory for high-end yields. Unfortunately, drainage in this Nicollet-Clarion loam was slow and couldn't keep up with persistent rainfall that saturated soils for extended periods. Many hybrids were very short. Some ear shanks were only 2' off the ground. Some surrounding fields

in the area showed much better yields where soils had adequate field tile or enough slope to drain well. Among all of the showers in June, the three heaviest brought 2.14" on June 14, 3.35" on June 16 and 1.97" on June 19. Rainfall from May to September was 8.36" over the 30-year average. Extended cool spells throughout the season delayed crop progress from normal. Temperatures fell near freezing on the night of Sept. 12. A cool period from Sept. 5 through Sept. 16 further delayed maturity.

**Greene**—The Greene site experienced a cool period from May 12 to May 19, which was followed by a narrow planting window. This slowed germination and reduced final plant stands. Nearly 12" of rain fell in June, leaving the field with plenty of moisture as July turned dry. A hailstorm on June 17 damaged leaves but did not knock down plants. Extended cool spells throughout the season delayed crop progress. A cool period from Sept. 5 to Sept. 16 further delayed maturity. Great uniformity across the test area gave very consistent results.

**Lu Verne**—The weather turned cool for nearly a week shortly after planting. Rainfall in June totaled nearly 14" with a large storm bringing 3.6" on June 16. Soils were saturated through June, but no ponding occurred. July through mid-August turned dry. Very few foliar diseases were noted toward

the end of August; the exception was some common rust. Cooler-than-average temperatures prevailed for much of June through July and then again the first couple of weeks of September. This slowed crop development, causing delayed maturity. Test weights were in the mid- to upper 50s.

**Paullina**—In spite of a 10-day cool period following planting, germination and stands were excellent at the Paullina test site. June brought nearly 14" of rain. The three largest showers of the season were all in June: 1.34" on June 1, 2.35" on June 14 and 3.02" on June 16. Saturated soils and many cooler-than-average days from July through September slowed crop development and delayed maturity. Temperatures fell near freezing on the night of Sept. 12 and may have impacted yields of later-maturing hybrids. This site is flat and drains slowly, which left root systems in saturated soils that stalled growth in June. Ears were short and plant heights at harvest rarely exceeded 7' tall. The average yield from this test was 170.3 bu. per acre.

**Plymouth**—Wet spring weather in this area delayed corn planting, giving these hybrids a later start to the season. Final stands were excellent in spite of the nearly 15" of rain that fell in June. July then turned dry with only about 1" total rainfall, but August picked up nearly 8.5" of rain. Cooler-than-average tem-

# FIRST Iowa North Corn Results



ALL-SEASON TEST 95-100 Day CRM

Top 30 of 66 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Britt	Emmetsburg	Greene	Lu Verne	Pauline	Plymouth
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	<b>195.8</b>	18.3	1	588	2	<b>188.8</b>	<b>168.3</b>	194.1	188.7	<b>203.9</b>	<b>230.8</b>
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	<b>194.7</b>	17.4	1	592	1	<b>187.9</b>	<b>173.6</b>	197.7	<b>202.5</b>	<b>187.1</b>	219.5
Channel	197-68STXRIB	STX,B	AC,P5V	97	<b>193.5</b>	17.9	1	584	3	181.7	162.7	<b>207.6</b>	194.4	176.8	<b>237.8</b>
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	188.5	18.2	1	567	10	183.9	163.1	200.9	193.4	175.2	214.3
Viking	57-01N	None	CM,C2	101	187.9	17.4	2	572	5	181.8	162.6	196.1	188.0	<b>186.1</b>	212.5
Dyna-Gro	CX14100	STX	AC,P5V	100	187.5	17.6	1	569	7	168.6	152.4	<b>211.8</b>	<b>202.8</b>	168.5	220.6
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	187.3	17.9	1	566	12	174.9	166.0	197.9	191.3	168.5	224.9
Kruger	K4R-9899	STX,B	AC,P5V	99	187.2	18.5	1	560	18	177.8	162.8	197.1	187.3	177.8	220.6
Viking	51-95N	None	CM,C2	95	186.6	16.9	1	572	6	185.5	160.7	195.8	<b>196.2</b>	164.2	217.1
Cornelius	C265SS	STX	AC,P5V	95	186.2	17.5	1	566	13	167.3	164.8	199.1	183.6	<b>188.6</b>	213.8
Kruger	K4R-9297	STX,B	AC,P5V	97	186.1	16.6	1	573	4	<b>191.9</b>	151.5	189.4	195.5	172.2	216.1
Kruger	K4R-9199	STX,B	AC,P5V	99	186.1	17.1	1	569	8	172.4	156.2	<b>205.8</b>	190.5	163.1	228.3
Channel	199-29STXRIB	STX,B	AC,P5V	99	186.1	17.7	2	564	15	176.3	155.9	<b>205.7</b>	186.4	181.3	210.7
Titan Pro	2M95-2P	VT2P,B	AC,P2	95	185.8	17.0	1	569	9	<b>190.2</b>	150.2	197.0	191.2	165.3	220.7
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	185.7	18.0	1	560	19	177.2	145.0	201.0	189.9	182.8	218.1
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	185.4	17.9	1	560	20	178.5	<b>175.4</b>	184.3	180.0	173.4	220.6
Wyffels	W1698RIB	STX,B	AC,P5V	97	184.9	16.8	1	567	11	<b>195.4</b>	138.8	193.6	182.9	167.7	<b>230.7</b>
Dairyland	DS9898RA	STX,B	CM,C2	98	184.3	17.7	1	558	24	181.4	155.7	190.6	186.0	176.1	215.7
Renk	RK568VT3P	VT3P,B	AC,P2	95	184.1	17.0	1	563	16	175.2	147.0	<b>204.6</b>	187.2	173.7	216.7
Wyffels	W2308	STX	AC,P5V	100	184.1	17.2	1	562	17	164.7	164.2	<b>204.1</b>	178.5	168.5	224.5
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	184.1	17.8	1	557	27	171.2	145.1	197.5	187.3	174.1	<b>229.5</b>
Dairyland	DS9900SSX	STX	CM,C2	99	183.7	17.4	1	559	22	169.0	158.5	190.4	184.1	179.1	220.8
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	183.7	17.4	1	559	23	171.4	159.6	196.8	179.7	<b>191.5</b>	203.1
Champion	CSX50A15SS	STX	AC,P5V	100	183.7	17.5	1	558	25	174.6	150.6	191.8	193.7	175.0	216.5
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	183.0	16.3	1	566	14	185.2	144.6	188.8	<b>200.2</b>	164.8	214.3
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	182.9	17.2	1	558	26	<b>188.3</b>	163.5	195.6	171.8	166.6	211.8
Pfister	1740SS	STX	AC,P5	98	182.5	17.2	1	557	28	169.8	158.9	193.1	182.7	176.0	214.4
Cornelius	C287SS	STX	AC,P5V	99	182.3	16.7	1	560	21	178.9	144.8	192.7	193.2	163.2	221.2
Viking	D37-98RL	STX,B	AC,P5V	98	182.1	17.2	1	556	30	176.5	161.1	198.1	177.2	162.0	217.9
Kruger	K4R-9196	STX,B	AC,P5V	96	181.2	16.7	1	557	29	175.9	158.3	195.1	168.0	<b>185.5</b>	204.1
<b>Test Average =</b>					<b>181.4</b>	<b>17.4</b>	<b>1</b>	<b>552</b>		<b>174.5</b>	<b>153.7</b>	<b>192.8</b>	<b>182.3</b>	<b>170.3</b>	<b>214.9</b>
LSD (0.10) =					8.1	0.6	1			11.1	14.2	9.9	13.3	12.7	14.0

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

temperatures prevailed for much of June through July and then again the first couple of weeks of September. This slowed crop development, causing delayed maturity. Temperatures fell near freezing on the night of Sept. 12. Northern corn leaf blight was common across the site, affecting yields of susceptible hybrids. The average yield on this test was 214.9 bu. per acre.



Wet June weather in Iowa grew more than just corn at the Bloom Family Farm FIRST test site near Albert City, Iowa.

Site Information						2014 Rainfall (inches)					
Iowa North						Monthly			Vs. 30-year avg.		
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Britt	clay loam	minimum	soybean	175	5/7	5.24	12.95	5.77	8.58	1.24	4.71
Emmetsburg	loam	minimum	corn	196	5/6	3.39	16.92	4.43	6.72	-0.08	2.46
Greene	loam	minimum	soybean	150	5/9	4.23	11.94	2.52	4.57	-2.25	0.62
Lu Verne	loam	minimum	soybean	180	5/6	4.07	13.73	3.11	6.37	-1.29	2.52
Paullina	silty clay loam	minimum	soybean	173	5/5	1.71	14.33	2.79	4.45	-1.68	0.80
Plymouth	silty clay loam	minimum	soybean	108	5/20	3.19	15.12	1.28	8.52	-3.40	4.32

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



**Corn Stats:**  
 Yield Range: 160.4-201.5  
 Yield Average: 184.7  
 Top \$ Per Acre: \$603.00

## Corn Field Notes: Iowa Northwest

Corey Rozenboom, FIRST Manager

**Albert City**—This corn-on-corn site had cool and wet weather for 10 days immediately after planting. June brought nearly 17.5" of rainfall, which was 12.5" over the 30-year average. No ponding was present; however, lengthy soil saturation stunted development and resulted in atypically shorter plants. Extended cool spells delayed crop progress behind normal. A cool period from Sept. 5 through Sept. 16 further delayed maturity.

**Emmetsburg**—This corn-on-corn site began with cool and wet weather for 10 days immediately after planting. Considering that, final stands produced high-end yields. Drainage in this Nicollet-Clarion loam was slow and couldn't keep up with persistent rainfall that saturated soil for extended periods. Many hybrids were very short. Some ear shanks were only 2' off the ground. Some better-drained surrounding fields showed much better yields.

**Lu Verne**—Shortly after planting, the weather turned cool for

a week. Nearly 14" of rain fell in June; a large storm brought 3.6" on June 16. No ponding occurred. July to mid-August turned dry. Very few foliar diseases were noted toward the end of August except for some common rust. Cooler-than-average temperatures prevailed for much of June through July and then again the first couple of weeks in September. This delayed crop development and maturity. Test weights were in the mid- to upper 50s.

**Moorland**—This site had excellent stands despite cool and wet weather following planting. The biggest showers included 1.45" on May 11, 2.26" on June 16 and 1.45" on Aug. 31. Plants were tall and disease-free through most of the season, with some corn leaf aphids in early August. Extended cool spells delayed normal crop progress. A cool period from Sept. 5 to 16 further delayed maturity. Stalk integrity at harvest was very good with very little lodging noted.

**Paullina**—Despite a 10-day cool period following planting, germina-

tion and stands were excellent. June rainfall totaled nearly 14". This site is flat but drains slowly, which left rooting systems in saturated soils that stalled growth in June. Saturated soils and many cooler-than-average days in July through September slowed crop development and delayed maturity. Temperatures fell near freezing on the night of Sept. 12 and may have impacted yields of later-maturing hybrids.

**Remsen**—This site had great germination and final stands. These hybrids experienced cooler-than-average temperatures from May 11 to 19 that slowed seedling growth. June brought over 18" of rain to this area, nearly 14" over the 30-year average. The test areas drained very well, however, and there was no ponding. Plants at the end of July were healthy without disease or insect pressures. No corn rootworm was observed. Temperatures fell near freezing on the night of Sept. 12. These tests were very consistent and produced excellent harvest data.

Site Information Iowa Northwest						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Albert City	silty clay loam	conventional	corn, 2+ yr	180	5/8	3.89	17.41	3.48	6.07	-0.27	1.66
Emmetsburg	silty clay loam	minimum	corn	196	5/6	3.39	16.92	4.43	6.72	-0.08	2.46
Lu Verne	loam	minimum	soybean	180	5/6	4.07	13.73	3.11	6.37	-1.29	2.52
Moorland	loam	minimum	soybean	178	4/26	5.22	11.38	3.75	8.34	-0.94	3.82
Paullina	silty clay loam	minimum	soybean	173	5/6	1.71	14.33	2.79	4.45	-1.68	0.80
Remsen	silty clay loam	minimum	soybean	160	5/5	1.89	18.40	2.95	5.86	-0.25	2.26

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 Iowa Northwest Corn Results



## EARLY-SEASON TEST 101-106 Day CRM

Top 30 of 75 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Albert City	Emmetsburg	Lu Verne	Moorland	Paulina	Remsen
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102	<b>195.2</b>	16.7	1	600	2	<b>190.9</b>	<b>171.8</b>	188.2	227.8	179.0	213.6
Wyffels	W3358	STX	AC,P5V	103	<b>191.7</b>	16.3	1	593	6	<b>189.0</b>	<b>165.4</b>	191.3	227.1	169.3	207.8
Viking	72-04N	None	CM,C2	104	<b>191.2</b>	15.0	1	602	1	169.2	<b>167.2</b>	<b>201.8</b>	221.3	177.3	210.1
Titan Pro	2M04-2P	VT2P,B	AC,P2	104	<b>191.0</b>	16.9	1	585	10	188.5	<b>164.7</b>	187.2	219.9	175.0	210.5
Pfister	2399GT3000	3000GT	CM,C2	104	<b>190.9</b>	15.4	1	598	3	187.2	138.2	<b>201.3</b>	<b>233.2</b>	169.6	<b>216.1</b>
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104	<b>190.9</b>	16.6	1	588	8	174.9	<b>176.8</b>	181.6	219.7	<b>180.7</b>	211.4
Unity	5601SS-RIB	STX,B	CM,C2	101	<b>190.7</b>	15.5	1	596	4	<b>189.3</b>	153.0	<b>196.9</b>	<b>230.5</b>	170.6	213.9
Spectrum	5285	None	CM,C2	102	<b>190.5</b>	15.7	2	594	5	175.6	153.1	192.2	219.5	<b>190.9</b>	211.8
Kruger	K4R-9901	STX,B	AC,P5V	101	189.5	15.6	1	592	7	185.7	136.0	178.6	<b>233.9</b>	<b>186.7</b>	<b>216.1</b>
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	189.5	16.2	1	587	9	<b>191.4</b>	157.9	185.9	<b>220.5</b>	167.5	213.5
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	189.4	17.5	1	575	20	<b>191.3</b>	156.3	193.8	214.2	172.4	208.6
Cornelius	C457SS	STX	AC,P5V	105	189.1	17.2	1	577	16	176.2	158.9	178.3	221.2	<b>178.1</b>	<b>221.6</b>
Great Lakes	5688STXRIB	STX,B	AC,P5V	106	188.9	16.6	1	581	11	178.5	153.5	<b>196.0</b>	<b>231.6</b>	160.4	213.1
Champion	CSX54A15SS	STX,B	AC,P5V	104	188.4	17.1	1	576	18	172.8	<b>165.2</b>	185.2	<b>224.9</b>	168.7	213.6
Renk	RK752SSTX	STX,B	AC,P2	105	188.4	17.2	1	575	21	<b>191.3</b>	145.9	175.7	<b>230.7</b>	172.5	214.1
Latham	LH5459SSRIB	STX,B	AC,P5V	104	187.9	16.6	1	578	14	175.9	143.2	185.8	215.2	<b>192.0</b>	<b>215.5</b>
Wyffels	W3998RIB	STX,B	AC,P5V	105	187.0	16.7	1	575	22	168.2	<b>180.3</b>	185.2	224.7	165.0	198.8
LG Seeds	LG5523STX	STX	AC,P5V	105	186.6	17.0	1	571	29	178.5	148.6	192.9	225.3	166.4	208.0
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	186.3	16.0	1	578	15	174.9	157.6	192.2	218.2	162.7	212.2
Kruger	K4R-9406	STX,B	AC,P5V	106	186.3	16.4	1	575	23	186.6	<b>168.2</b>	193.4	215.7	154.5	199.6
Latham	LH5534-3000GT	3000GT	CM,C2	105	186.1	15.7	1	580	12	175.4	152.7	<b>198.7</b>	<b>223.0</b>	164.3	202.5
Champion	CSX56B13SS	STX,B	AC,P5V	106	186.1	16.7	1	572	28	188.5	131.1	178.8	<b>229.9</b>	<b>180.3</b>	207.8
Titan Pro	TP 40-00	None	CM,C2	100	185.4	15.6	1	579	13	171.3	152.2	185.3	222.5	170.2	210.6
Kruger	K4R-9304	STX,B	AC,P5V	104	185.1	16.2	1	573	26	179.4	157.1	180.6	<b>230.1</b>	157.6	205.7
Prairie Brand	X1457SX	STX	CM,C2	104	184.7	15.8	1	575	24	176.0	153.0	191.5	209.5	177.1	201.0
Dairyland	DS6805	STX	CM,C2	105	184.6	15.5	1	577	17	175.2	152.7	189.2	211.1	176.9	202.3
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	184.3	15.6	1	576	19	171.7	161.4	178.3	219.7	<b>180.7</b>	194.1
Federal	5140SSTXRIB	STX,B	AC,P5V	101	184.1	15.7	1	574	25	181.6	154.2	174.9	215.8	170.8	207.1
NK Brand	N45P-3011A	3011A	AVC,C5	101	184.1	15.8	1	573	27	183.8	<b>163.8</b>	184.1	219.2	150.4	203.3
Prairie Brand	992RA	STX,B	CM,C2	100	182.5	15.6	1	570	30	180.4	155.9	186.2	215.5	163.0	193.9
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105	171.0	16.6	2	526	72	181.4	128.3	180.2	206.3	143.8	185.8
<b>Test Average =</b>					<b>181.4</b>	<b>16.3</b>	<b>1</b>	<b>561</b>		<b>174.2</b>	<b>146.4</b>	<b>183.3</b>	<b>215.8</b>	<b>163.9</b>	<b>205.0</b>
LSD (0.10) =					8.8	0.5	ns			14.7	16.9	12.6	12.5	13.6	9.3

## FULL-SEASON TEST 107-110 Day CRM

Top 30 of 60 tested

Channel	209-53STXRIB	STX,B	AC,P5V	109	<b>201.5</b>	18.5	2	603	1	<b>208.1</b>	156.5	<b>222.3</b>	219.9	<b>173.4</b>	<b>228.6</b>
Channel	210-93VT2PRIB	VT2P,B	AC,P5V	110	<b>199.3</b>	18.5	1	596	2	190.0	<b>175.1</b>	<b>219.0</b>	<b>228.3</b>	166.5	216.8
Kruger	K4R-9911	STX,B	AC,P5V	111	<b>197.8</b>	18.6	1	591	4	<b>206.4</b>	<b>171.5</b>	200.4	220.0	165.2	<b>223.0</b>
Curry	830-39AMX	AMX,AQ,B	MQ,P5V,R	110	<b>197.7</b>	18.9	1	588	5	201.6	160.2	<b>218.8</b>	<b>233.0</b>	145.4	<b>227.0</b>
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	<b>197.2</b>	18.2	1	593	3	202.8	<b>174.2</b>	202.5	<b>229.5</b>	160.3	213.8
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	195.5	18.6	1	584	6	198.9	164.2	204.4	<b>229.6</b>	160.5	215.2
Champion	CSX60A13VT3ProRIB	VT3P,B	CM,C2	110	195.4	18.6	1	584	7	194.6	146.2	<b>221.3</b>	223.5	162.2	<b>224.5</b>
Prairie Brand	5825RA	STX	CM,C2	108	194.0	18.8	1	578	10	199.3	155.2	209.4	225.8	163.6	210.9
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110	193.2	19.0	1	574	15	195.7	165.4	199.2	221.1	155.8	<b>221.8</b>
LG Seeds	LG5603STX	STX	AC,P5V	110	193.0	18.1	2	581	8	196.2	149.1	205.7	225.0	164.7	217.3
Cornelius	C574SS	STX	AC,P5V	107	192.6	18.4	2	577	11	198.5	158.6	203.2	<b>227.1</b>	156.5	211.6
Renze	3264SST	STX	CM,C2	107	192.6	18.8	1	574	16	199.2	152.3	<b>211.2</b>	222.0	163.5	207.3
Federal	5940SSTXRIB	STX,B	AC,P5V	109	192.1	18.0	2	579	9	<b>208.8</b>	162.9	197.8	213.8	154.7	214.7
Wyffels	W5448	STX	AC,P5V	108	191.9	18.4	1	575	14	195.8	148.2	199.6	220.2	<b>170.2</b>	217.5
Pfister	2545SS	STX	AC,P5	107	191.9	18.7	1	573	17	197.6	152.2	206.1	223.8	162.4	209.4
Federal	5840SSTXRIB	STX,B	AC,P5V	108	191.5	19.1	1	568	23	187.1	158.2	201.6	<b>227.9</b>	156.3	218.0
Champion	CSX59A14SSRIB	STX,B	AC,P5V	109	191.5	19.1	1	568	24	188.4	149.8	208.2	225.5	160.9	215.9
Kruger	K4R-9708	STX,B	AC,P5V	108	191.2	18.1	1	576	12	181.4	160.8	208.4	220.7	164.2	211.6
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	190.3	18.3	1	571	19	189.5	<b>176.2</b>	200.4	214.5	145.1	216.0
Renze	3275RA	STX,B	AC,P5	108	190.1	18.5	3	569	21	195.7	162.1	199.2	200.9	165.9	216.5
Wyffels	W4968	STX	AC,P5V	107	189.6	17.5	1	576	13	198.2	153.3	206.3	220.1	146.4	213.2
Dekalb	DKC57-92RIB GC	STX,B	AC,P5V	107	189.5	18.0	1	571	20	186.6	156.1	194.3	223.5	160.6	215.6
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	189.5	18.5	1	567	25	199.8	140.6	201.8	222.8	148.9	<b>222.8</b>
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	189.3	17.7	2	573	18	185.8	<b>177.8</b>	204.9	215.1	146.6	205.6
Latham	LH6089SSRIB	STX,B	AC,P5V	110	189.0	18.1	1	569	22	192.2	155.2	188.5	217.1	<b>172.1</b>	208.9
Renk	RK791SSSTX	STX,B	AC,P2	108	188.7	18.2	1	567	26	199.0	146.0	<b>211.3</b>	214.7	143.2	218.0
Pfister	2565VT3Pro	VT3P	AC,P5	108	188.7	18.4	1	566	28	197.1	158.2	199.8	197.8	165.4	213.6
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	188.1	18.1	1	566	29	<b>212.7</b>	137.8	197.0	217.7	148.6	214.5
Prairie Brand	X1463SX	STX	CM,C2	110	187.8	17.9	1	567	27	183.3	157.9	202.6	218.0	158.3	206.8
Titan Pro	2M07-SS	STX,B	AC,P5V	107	186.7	17.8	1	565	30	196.3	135.1	189.1	221.1	164.0	214.3
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105	170.8	17.7	3	517	60	180.5	142.5	183.0	192.5	140.6	185.6
<b>Test Average =</b>					<b>187.9</b>	<b>18.5</b>	<b>1</b>	<b>562</b>		<b>191.6</b>	<b>154.0</b>	<b>198.1</b>	<b>218.0</b>	<b>154.7</b>	<b>211.0</b>
LSD (0.10) =					7.9	0.5	ns			14.8	15.7	13.1	8.7	12.8	9.6

Bold yields are significantly above test average.



**Corn Stats:**  
 Yield Range: 168.8-212.0  
 Yield Average: 194.0  
 Top \$ Per Acre: \$614.00

## Corn Field Notes: Iowa North Central

Corey Rozenboom, FIRST Manager

**Britt**—Good planting conditions were followed by cool temperatures that slowed seedling growth. June storms brought big rains. Conditions for pollination were excellent and plants appeared healthy except for some common rust. Cooler-than-average temperatures prevailed for much of summer and then again the first couple of weeks of September. This delayed crop development and maturity. Temperatures fell near freezing on Sept. 12. Plants were shorter with low ear heights, indicating stunted growth from earlier in the season. Stalk quality and ear retention at harvest was good.

**Greene**—A cool period from May 12 to 19 preceded a narrow planting window, slowing germination and reducing final stands. Nearly 12" of rain fell in June, but July turned dry. A hailstorm on June 17 damaged leaves but did not knock down plants. Extended cool spells throughout the season delayed crop progress. The cool Sept. 5–16 period further delayed

maturity. Great uniformity across the site gave very consistent results.

**Iowa Falls**—This site was planted during a narrow window of favorable conditions. Cool periods followed, resulting in slow emergence and reduced seedling vigor. June brought nearly 14" of rain, causing soil saturation but no ponding. An inadvertent glyphosate application killed all non-RR hybrids, causing rejection of early test results. Remaining plots were stunted from the cold and damp conditions during June. Plants were pale green at the end of July and nitrogen loss was evident from lower leaves. Ear size was small at harvest.

**Oelwein**—Early rains made for a tight planting window on May 10. A May 11 rain brought 1.29", followed by 0.59" on May 12 and 0.46" on May 15. A cool period from May 12 to 19 did not help germination and caused some variability in stands. Strong July winds caused some lodging, but it was not widespread. Cooler weather slowed crop development through-

out the final vegetative stages, especially in early September.

**Plymouth**—Wet spring weather delayed corn planting, giving these hybrids a later start to the season. Final stands were excellent in spite of nearly 15" of rain in June. Cooler-than-average temperatures prevailed for much of summer and the first couple of weeks of September. This slowed crop development, causing delayed maturity. Temperatures fell near freezing on Sept. 12. Northern corn leaf blight was common here, affecting yields of susceptible hybrids.

**Waterloo**—Even with cool mid-May weather and nearly 13" of rain in June, plant stands in this no-till ridge system were excellent. Common rust and northern leaf blight were found in early August. Temperatures fell near freezing on Sept. 12 but did not appear to affect yields. Winds over 50 mph in July goosenecked some hybrids and greensnapped others. Greensnap damage was not severe but limited yields in very susceptible hybrids.

Site Information Iowa North Central						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Britt	clay loam	minimum	soybean	175	5/7	5.24	12.95	5.77	8.58	1.24	4.71
Greene	loam	minimum	soybean	150	5/9	4.23	11.94	2.52	4.57	-2.25	0.62
Iowa Falls	loam	minimum	soybean	216	4/26	3.30	14.03	4.26	4.74	-0.59	0.68
Oelwein	loam	no-till	oat, tillage radish	200	5/10	3.88	10.90	2.73	6.41	-1.77	1.24
Plymouth	silty clay loam	minimum	soybean	108	5/20	3.19	15.12	1.28	8.52	-3.40	4.32
Waterloo	silty clay loam	strip-till	soybean	169	5/9	3.38	12.91	2.24	7.08	-2.67	2.81

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 Iowa North Central Corn Results



## EARLY-SEASON TEST 101-106 Day CRM

Top 30 of 78 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Britt	Greene	Iowa Falls#	Oelwein	Plymouth	Waterloo
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	<b>206.2</b>	19.9	1	604	2	<b>196.8</b>	202.4	134.1	<b>215.4</b>	<b>219.8</b>	196.7
Kruger	K4R-9901	STX,B	AC,P5V	101	<b>205.4</b>	18.6	1	614	1	<b>193.6</b>	<b>216.5</b>	137.8	<b>202.1</b>	211.2	203.8
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	<b>204.0</b>	19.5	2	601	4	<b>198.4</b>	208.5	135.9	195.4	212.8	204.7
Kruger	K4R-9204	STX,B	AC,P5V	104	<b>203.9</b>	19.4	1	602	3	191.4	<b>209.4</b>	141.4	189.8	216.7	<b>212.1</b>
Cornelius	C457SS	STX	AC,P5V	105	<b>203.6</b>	20.6	1	590	9	<b>200.7</b>	<b>210.3</b>	148.1	185.9	<b>223.1</b>	198.2
Kruger	K4R-9304	STX,B	AC,P5V	104	201.2	19.0	3	598	5	<b>193.8</b>	<b>210.9</b>	150.8	185.4	208.5	207.2
LG Seeds	LG5502STX	STX	AC,P5V	102	201.0	19.1	1	596	6	<b>197.4</b>	201.6	<b>158.6</b>	191.1	213.6	201.3
Curry	422-09CHR	OT	MQ,P1V,R	102	200.5	19.8	1	588	12	183.4	207.6	152.6	192.7	214.2	204.7
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	200.2	20.1	1	585	14	182.4	194.0	<b>157.2</b>	200.5	211.6	<b>212.3</b>
Cornelius	C459SS	STX	AC,P5V	105	199.8	20.7	2	578	25	191.0	203.0	<b>156.8</b>	191.9	201.9	<b>211.1</b>
Renk	RK752SSTX	STX,B	AC,P2	105	199.5	20.1	1	583	18	187.9	208.2	127.1	194.8	212.1	194.4
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	199.4	18.8	5	594	8	<b>194.2</b>	192.9	148.2	197.0	214.2	198.9
Champion	CSX56A15	None	CM,C2	106	199.3	19.8	1	585	15	183.4	207.6	killed	184.6	215.7	205.0
Viking	72-04N	None	CM,C2	104	199.2	18.5	4	596	7	189.1	200.8	killed	194.4	204.0	207.6
LG Seeds	LG5523STX	STX	AC,P5V	105	198.7	20.0	1	581	22	182.8	197.7	129.7	183.5	<b>224.9</b>	204.8
Renk	RK712SSTX	STX	AC,P2	106	198.7	20.2	1	579	24	185.1	<b>210.9</b>	113.7	197.0	199.1	201.5
Dyna-Gro	D46SS46	STX	AC,P5V	107	198.0	20.1	1	578	26	178.2	205.0	145.2	198.5	202.1	206.2
Dekalb	DKC52-30RIB GC	STX,B	AC,P5V	102	197.5	19.0	1	587	13	185.5	200.4	131.1	186.4	215.2	200.0
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V	102	197.5	20.1	1	577	27	175.0	197.5	<b>157.6</b>	197.7	204.5	<b>212.7</b>
Pfister	2399GT3000	3000GT	CM,C2	104	197.0	19.2	3	583	19	176.1	198.7	122.2	196.9	204.3	<b>208.9</b>
Pfister	2225RA	STX,B	CM,C2	102	196.8	19.1	1	584	16	179.0	203.2	139.4	191.0	211.1	199.5
Channel	202-64STXRIB	STX,B	AC,P5V	102	196.7	18.4	1	590	10	178.3	198.2	144.4	179.6	<b>220.7</b>	206.9
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	196.7	18.5	2	589	11	177.0	196.7	144.4	191.0	<b>225.2</b>	193.7
Wyffels	W3998RIB	STX,B	AC,P5V	105	196.6	19.8	1	577	28	184.5	198.4	153.2	191.1	200.4	<b>208.6</b>
Viking	C78-05R	VT3P,B	AC,P2	105	196.3	19.0	1	583	20	179.7	191.0	118.0	195.6	<b>221.8</b>	193.4
Latham	LH5659SSRIB	STX,B	AC,P5V	106	195.3	19.5	1	576	29	190.3	202.4	136.8	193.6	189.1	201.2
Wyffels	W2888RIB	STX,B	AC,P5V	102	194.6	18.5	1	582	21	188.4	197.4	126.6	185.5	202.1	199.6
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	194.4	18.2	1	584	17	183.7	193.8	150.3	177.0	215.1	202.4
Kussmaul	SS-1002RIB	STX,B	AC,P5V	102	194.3	18.5	1	581	23	175.6	<b>213.5</b>	140.5	200.0	195.1	187.1
Cornelius	C325SS	STX	AC,P5V	101	192.7	18.6	1	576	30	179.1	180.6	134.7	<b>207.9</b>	201.2	194.7
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105	191.0	20.0	1	559	52	167.3	188.7	144.3	183.6	215.6	199.6
<b>Test Average =</b>					<b>192.2</b>	<b>19.4</b>	<b>2</b>	<b>567</b>		<b>179.4</b>	<b>196.6</b>	<b>138.6</b>	<b>186.8</b>	<b>202.3</b>	<b>195.8</b>
LSD (0.10) =					10.6	0.9	3			13.5	12.5	17.5	14.9	17.0	12.2

## FULL-SEASON TEST 107-110 Day CRM

Top 30 of 60 tested

Cornelius	C621SS	STX	AC,P5V	110	<b>212.0</b>	22.3	1	598	1	185.5	212.6	150.3	<b>204.3</b>	<b>242.0</b>	<b>215.6</b>
Champion	CSX60A13VT3ProRIB	VT3P,B	CM,C2	110	<b>207.2</b>	21.5	1	592	2	180.0	209.8	<b>159.9</b>	193.1	<b>243.8</b>	209.4
Channel	209-53STXRIB	STX,B	AC,P5V	109	<b>206.5</b>	23.4	1	572	13	<b>190.6</b>	<b>217.1</b>	<b>175.0</b>	188.3	220.0	<b>216.5</b>
Cornelius	C574SS	STX	AC,P5V	107	<b>206.3</b>	22.1	2	584	7	171.0	<b>217.2</b>	126.5	200.4	224.6	<b>218.4</b>
Curry	830-39AMX	AMX,AQ,B	MQ,P5V,R	110	205.8	22.9	1	575	12	<b>193.6</b>	<b>216.8</b>	<b>163.5</b>	182.3	213.6	<b>222.7</b>
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	205.6	21.6	1	587	5	173.6	213.7	<b>142.2</b>	<b>208.9</b>	221.1	210.7
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	205.1	21.3	1	588	3	181.8	210.4	123.8	194.8	219.0	<b>219.6</b>
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	204.5	21.7	1	583	8	<b>194.1</b>	210.1	143.2	197.4	219.8	201.0
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	203.8	20.9	1	588	4	166.9	210.6	141.3	200.5	228.4	212.8
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	203.8	21.1	1	586	6	164.5	<b>223.0</b>	140.6	194.5	230.3	206.8
Epley	E1705RR	RR2	MQ	107	201.9	22.1	1	571	14	177.6	210.8	128.4	<b>212.4</b>	201.1	207.6
Pfister	2545SS	STX	AC,P5	107	201.8	22.9	1	564	18	170.0	206.7	137.4	186.2	214.7	<b>231.3</b>
LG Seeds	LG5603STX	STX	AC,P5V	110	201.6	23.0	1	562	21	160.8	210.0	140.3	196.7	<b>233.4</b>	207.2
Champion	CSX59B14SSRIB	STX,B	AC,P5V	109	201.5	21.4	1	577	10	184.0	202.0	144.5	185.8	<b>234.2</b>	201.5
Wyffels	W5448	STX	AC,P5V	108	200.8	22.4	1	566	16	<b>190.2</b>	201.9	137.2	199.6	211.0	201.1
Prairie Brand	5815SX	STX	CM,C2	107	200.0	21.8	1	569	15	<b>202.1</b>	214.6	137.3	181.1	212.3	189.9
Kruger	K4R-9708	STX,B	AC,P5V	108	199.9	20.9	1	577	11	180.2	201.2	<b>159.1</b>	194.8	219.0	204.4
Renk	RK776SSTX	STX,B	AC,P2	107	199.8	22.4	1	563	20	183.8	205.1	151.8	187.6	228.3	194.1
Prairie Brand	5825RA	STX	CM,C2	108	199.8	23.0	1	557	28	168.1	206.8	137.3	184.1	216.3	<b>223.8</b>
Titan Pro	TP 40-09	None	CM,C2	109	199.6	22.1	1	565	17	175.7	205.2	killed	199.3	217.4	200.3
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	199.4	22.6	1	560	24	184.1	204.5	137.8	171.8	225.8	211.0
Cornelius	C576SS	STX	AC,P5V	109	198.7	22.4	1	560	25	177.6	212.0	143.6	177.2	228.4	198.4
Wyffels	W4968	STX	AC,P5V	107	197.9	20.0	1	579	9	186.1	201.0	150.1	177.2	222.8	202.5
Renk	RK791SSTX	STX,B	AC,P2	108	197.6	21.6	1	564	19	174.0	204.0	129.6	177.3	224.0	208.5
Kruger	K4R-9911	STX,B	AC,P5V	111	197.0	21.6	2	562	22	175.8	205.8	141.4	192.8	222.6	188.1
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	196.7	21.8	1	559	26	171.7	204.4	127.8	187.3	215.3	205.0
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	196.5	22.0	1	557	29	167.2	213.5	126.9	183.3	204.5	<b>214.0</b>
Wyffels	W5138RIB	STX,B	AC,P5V	108	195.9	21.2	1	562	23	161.2	195.2	138.2	186.9	<b>231.3</b>	205.1
Steyer	11004GENSS RIB	STX,B	CM,C2	110	195.8	21.8	1	557	30	178.2	203.7	120.9	177.6	220.6	199.1
Renze	3275RA	STX,B	AC,P5	108	194.6	21.3	1	558	27	180.4	200.8	141.6	172.7	227.0	192.2
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105	189.4	20.3	1	551	36	165.7	189.4	133.2	182.8	212.5	196.6
<b>Test Average =</b>					<b>195.8</b>	<b>22.2</b>	<b>1</b>	<b>553</b>		<b>174.4</b>	<b>204.0</b>	<b>140.6</b>	<b>182.1</b>	<b>216.9</b>	<b>201.6</b>
LSD (0.10) =					10.1	1.4	1			12.6	11.6	18.5	19.3	13.6	11.7

**Bold** yields are significantly above test average. # = not included in summary, non-GMOs killed, early- and full-season tests



**Corn Stats:**  
 Yield Range: 176.5-242.8  
 Yield Average: 223.4  
 Top \$ Per Acre: \$713.00

## Corn Field Notes: Iowa West Central

Randy Meinsma, FIRST Manager

**Anita**—Rainfall was moderate in May and June, but August brought approximately 12" of rain. Ears were short and had good girth with complete kernel fill. Seed depth was very good and cobs were sturdy. Some hybrids had signs of weakening ear shanks. With 20-mph-winds at harvest, it was evident that there were issues with weak stalks, which were breaking just above the roots and causing the lodging scores observed. Yields averaged 242.3 bu. per acre in the early-season test and 249.5 bu. per acre in the full-season test.

**Dunlap**—This was a very good-looking, well-drained site. Corn plants were tall with large root masses. Stalks were starting to show signs of weakness, but this was expected in early November. Ears were long, had good girth and were filled to the tip. The high-quality, deep kernels were set on sturdy cobs. There were no issues with weeds or any major diseases. This was a great site to harvest.

**Oakland**—On June 3, this location was hit with an EF2 tornado and a large amount of hail. After the storm, stand counts varied considerably, with over half of the plants destroyed in some plots. The inconsistent stand and damage level made it impossible for the site to ever provide quality data.

**Slater**—When the Slater area received rain this summer, it was from one large rainfall event at a time. The soil remained saturated for much of June and never really had a chance to dry until July, when rainfall was nearly 2" below normal. Despite having good overall yield, having wet feet reduced the yield potential of this corn crop. Compared to other sites recently harvested, ears were short with small diameters and contained short- to average-depth kernels. No weed pressure or diseases were noted at this location.

**Winterset**—May and June produced good rainfall for the trials; July only received 1.3" of rain, and then another 12" of rain came in

August. The tall plants here had strong stalks. Most hybrids had ears tipped down with strong ear shanks. Well-pollinated short ears had good girth and large seed depth. The very little lodging that was noted was from root lodging. No weed pressure was noted, and there were very few leaf diseases. Deer damage in each test resulted in the loss of one replication. In addition, deer fed selectively, and all replications of a couple of hybrids were affected. This resulted in little to no yield from these products.

**Yale**—In this area, the low-lying fields saw a large yield drag because of all the rain and surface-water runoff they received. Plants were healthy, well-matured and standing great at harvest. Ears were short and slender with shallow kernel depth. Unlike the surrounding field, the tests did not receive any additional nitrogen applications after planting. The yield of the surrounding field was noticeably better than that of the tests at this site.

Site Information						2014 Rainfall (inches)					
Iowa West Central						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Anita	silty clay loam	minimum	corn, 2+ yr	151	4/26	4.74	9.86	1.25	11.98	-3.62	8.17
Dunlap	silt loam	minimum	soybean	180	5/9	5.60	14.09	4.56	11.14	0.29	7.28
Oakland	silt loam	no-till	soybean	n/a	5/22	n/a	n/a	n/a	n/a	n/a	n/a
Slater	loam	minimum	soybean	180	5/8	5.87	9.30	2.95	7.09	-1.88	2.27
Winterset	silty clay loam	minimum	soybean	180	5/10	5.65	6.94	1.30	11.97	-3.10	8.29
Yale	silty clay loam	no-till	soybean	170	5/9	6.24	12.27	2.25	12.78	-2.61	8.40

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 Iowa West Central Corn Results



## EARLY-SEASON TEST 105-110 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	Amita	Dunlap	Oakland	Slater	Winterset#	Yale
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	<b>239.8</b>	16.0	4	713	1	<b>265.5</b>	239.1		<b>214.3</b>	230.9	<b>240.1</b>
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110	<b>237.3</b>	16.2	1	705	3	245.2	245.2		<b>228.5</b>	<b>246.2</b>	230.1
Kruger	K4R-9511	STX,B	AC,P5V	111	<b>236.1</b>	16.0	1	702	5	<b>268.0</b>	236.8		<b>202.3</b>	<b>230.1</b>	<b>237.3</b>
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	<b>235.4</b>	16.0	1	700	6	248.2	247.5		<b>218.0</b>	229.7	227.9
Pioneer	P0993HR GC	HX,RR2	MQ,C2	109	<b>235.2</b>	15.0	3	706	2	<b>256.9</b>	239.8		<b>229.8</b>	212.1	214.3
LG Seeds	LG5603STX	STX	AC,P5V	110	<b>234.0</b>	15.8	1	697	7	251.2	247.5		<b>214.0</b>	<b>242.7</b>	223.4
Mycogen	2V709 GC	STX,B	CM,C2	110	233.4	16.4	7	692	9	239.3	<b>251.6</b>		<b>217.4</b>	218.6	223.3
Channel	209-53STXRIB	STX,B	AC,P5V	109	232.6	15.7	1	694	8	<b>257.7</b>	<b>253.0</b>		205.3	171.4	214.5
Champion	CSX59A14SSRIB	STX,B	AC,P5V	109	232.5	16.4	1	689	10	<b>266.7</b>	231.5		197.2	228.1	<b>234.4</b>
Latham	LH6049SSRIB	STX,B	AC,P5V	110	231.3	15.8	1	689	11	247.7	<b>252.9</b>		202.5	228.5	222.2
Champion	CSX60A13VT3ProRIB	VT3P,B	CM,C2	110	231.2	15.8	1	689	12	<b>266.2</b>	234.6		204.6	221.2	219.3
Curry	830-39AMX	AMX,AQ,B	MQ,P5V,R	110	231.2	16.1	1	687	14	246.2	<b>251.1</b>		203.9	215.1	223.7
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	230.2	15.4	2	688	13	253.1	242.1		212.0	220.8	213.7
Wyffels	W5138RIB	STX,B	AC,P5V	108	229.8	15.5	1	687	15	244.3	227.6		196.9	199.0	<b>250.4</b>
Augusta	A4658GT3110	3110	CM,C5	108	229.8	15.6	15	686	16	239.0	237.4		<b>215.2</b>	223.3	227.7
Prairie Brand	5815SX	STX	CM,C2	107	229.3	15.8	2	683	17	252.5	238.8		195.5	204.5	230.3
Pfister	2545SS	STX	AC,P5	107	229.0	16.5	1	678	18	<b>255.6</b>	216.7		<b>215.0</b>	<b>233.6</b>	<b>228.7</b>
Prairie Brand	5825RA	STX	CM,C2	108	229.0	17.0	1	676	20	249.8	224.9		<b>214.6</b>	215.9	226.7
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	226.5	16.5	1	671	24	235.8	236.1		211.5	210.6	222.4
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	226.4	15.3	1	678	19	250.1	236.4		198.1	239.2	221.0
Dyna-Gro	D50SS43	STX	AC,P5V	111	225.4	16.7	1	667	27	237.5	230.3		208.7	231.8	224.9
AgriGold	A6351STX	STX	AC,P5V	105	225.3	15.4	1	674	21	248.5	<b>248.9</b>		202.4	200.2	201.3
Kruger	K4R-9708	STX,B	AC,P5V	108	225.1	15.4	1	673	22	236.2	<b>250.3</b>		200.4	219.9	213.3
Cornelius	C574SS GC	STX	AC,P5V	107	225.0	15.4	1	673	23	247.1	244.9		201.6	211.5	206.3
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	224.0	15.3	1	670	25	245.7	240.2		194.3	235.8	215.9
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	223.8	15.9	1	666	30	237.4	237.0		203.0	219.5	217.7
Pfister	2565VT3Pro	VT3P	AC,P5	108	223.6	15.9	2	666	31	240.9	234.9		193.6	225.7	224.8
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	223.3	15.5	1	667	28	250.7	228.3		192.9	199.8	221.4
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	222.9	15.2	1	668	26	237.8	238.7		206.1	213.6	209.1
Titan Pro	2M07-SS	STX,B	AC,P5V	107	222.6	15.2	1	667	29	244.9	221.3		209.4	209.2	214.6
Pioneer	P1257AMX CK	AMX,B	MQ,P1V	112	<b>236.8</b>	16.1	1	704	4	<b>262.0</b>	<b>256.2</b>		213.2	217.8	215.7
<b>Test Average =</b>					<b>221.3</b>	<b>15.8</b>	<b>2</b>	<b>660</b>		<b>242.3</b>	<b>232.6</b>		<b>196.3</b>	<b>215.4</b>	<b>214.2</b>
LSD (0.10) =					12.2	0.4	3			13.2	15.3		17.7	26.7	17.1

Site lost to severe hail damage

Site lost to severe hail damage

## FULL-SEASON TEST 111-114 Day CRM

Top 30 of 63 tested

Pioneer	P1555CHR GC	OT	MQ,P1V	115	<b>242.8</b>	17.5	2	713	1	249.2	<b>280.6</b>		193.8	208.0	<b>247.5</b>
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	240.0	17.9	1	703	2	<b>266.7</b>	<b>268.3</b>		<b>223.6</b>	<b>242.1</b>	201.3
Great Lakes	6462STXRIB	STX,B	AC,P5V	114	237.7	18.3	1	693	3	262.7	250.2		213.0	216.9	224.8
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	237.4	19.1	1	688	8	<b>276.9</b>	249.5		201.3	204.4	222.0
Dyna-Gro	D52SS91	STX	AC,P5V	112	236.0	18.0	1	690	4	<b>271.8</b>	247.8		193.7	184.7	230.5
Wyffels	W7888RIB	STX,B	AC,P5V	114	234.7	18.1	1	686	10	<b>270.4</b>	241.4		214.0	218.2	212.9
Kruger	KR-4913	VT2P,B	AC,P5V	113	233.6	16.8	1	690	5	251.8	<b>269.7</b>		195.3	229.0	217.5
Kruger	K4R-9313	STX,B	AC,P5V	113	233.4	16.8	1	690	6	260.2	236.4		209.8	187.0	227.3
Latham	LH6255VT3PRORIB	VT3P,B	AC,P2	112	233.0	17.6	7	684	12	234.9	256.2		<b>215.1</b>	176.5	225.6
Renk	RK858VT3P	VT3P,B	AC,P2	112	232.5	16.5	1	689	7	255.3	231.4		214.0	219.9	229.2
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	232.5	16.8	8	687	9	234.6	253.4		208.1	214.7	<b>233.9</b>
Renze	3385RA	STX,B	CM,C2	112	232.3	18.1	1	679	14	258.1	232.1		210.5	212.5	228.4
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	230.9	17.8	1	677	17	250.2	245.8		208.3	137.9	219.2
AgriGold	A6492STX	STX	AC,P5V	111	230.3	16.1	1	685	11	244.0	242.4		212.0	201.3	222.9
Augusta	A5565VT2Pro	VT2P	CM,C1	115	230.1	18.8	1	668	29	<b>272.7</b>	237.9		193.8	220.0	216.0
Curry	733-13AM	AM,AQ,B	MQ,P5V,R	113	229.9	16.8	13	679	15	230.6	247.0		210.0	215.0	232.1
Champion	CSX64A15VT2Pro	VT2P,DG,B	CM,C2	114	229.8	18.2	5	671	24	260.0	227.5		209.8	190.6	222.0
Champion	AGX61A14-3000GT	3000GT	CM,C2	111	229.1	17.7	4	672	21	239.4	244.8		204.8	206.5	227.4
Kruger	K4R-9914	STX,B	AC,P5V	114	229.0	17.7	1	672	22	261.8	245.1		187.0	<b>244.3</b>	222.2
Wyffels	W7448	STX	AC,P5V	112	228.9	16.8	1	676	18	259.2	250.2		190.5	201.9	215.5
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	228.7	17.6	1	671	25	256.3	237.2		197.6	159.9	223.6
AgriGold	A6538STX	STX	AC,P5V	112	228.6	17.1	1	674	19	254.2	241.0		201.8	<b>233.8</b>	217.5
Wyffels	W7108	STX	AC,P5V	111	228.5	16.0	1	680	13	263.2	237.8		195.7	215.5	217.2
Kruger	K4R-9812	STX,B	AC,P5V	112	228.3	17.2	1	672	23	248.4	235.8		<b>215.5</b>	218.9	213.6
Renk	RK860VT3P	VT3P,B	AC,P2	111	228.2	16.0	3	679	16	259.0	239.1		198.7	225.4	215.8
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	227.4	16.9	8	671	26	261.2	251.1		190.6	207.3	206.5
Champion	CSX62A14VT2ProRIB	VT2P,B	CM,C2	112	227.4	17.3	1	669	28	235.2	242.7		205.9	202.0	225.8
Prairie Brand	5985SX	STX	CM,C2	111	226.0	16.2	1	671	27	241.2	220.4		213.0	206.3	229.4
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P2	112	224.7	16.4	1	666	30	257.7	241.8		175.2	194.8	224.2
Dyna-Gro	D51SS54	STX	AC,P5V	111	224.2	16.1	4	666	31	242.1	222.2		214.0	209.7	218.4
Pioneer	P1257AMX CK	AMX,B	MQ,P1V	112	227.0	16.4	1	673	20	258.8	251.0		190.4	<b>239.6</b>	207.7
<b>Test Average =</b>					<b>225.5</b>	<b>17.4</b>	<b>2</b>	<b>663</b>		<b>249.5</b>	<b>236.9</b>		<b>197.0</b>	<b>203.7</b>	<b>218.3</b>
LSD (0.10) =					14.9	0.6	6			16.0	19.5		17.3	26.7	15.5

**Bold** yields are significantly above test average. # = Early- and full-season tests not included in summary, damaged by deer



**Corn Stats:**  
 Yield Range: 177.3-248.6  
 Yield Average: 225.1  
 Top \$ Per Acre: \$732.00

## Corn Field Notes: Iowa East Central

Randy Meinsma, FIRST Manager

**Central City**—This site is well drained, which prevented the 11" of June rainfall from pooling and causing the yield reductions seen at many other sites. Plant health was very good. Nearly all foliage remained on stalks. Plant root balls were quite large. Ears were large, well pollinated and had good girth with strong ear shanks. FIRST farmer member Jim Greif stated that test weights were low, possibly due to a combination of the delayed planting in this area, cool temperatures delaying development and a possible early frost.

**Muscatine**—From a distance, this site looked very good; however, from the combine, wind damage was evident. FIRST farmer member Diaan Roos stated that just before tasseling, the test was hit by strong straight-line winds. All lodging occurred at the roots. The plants goosenecked up in time to pollinate, but the effect was extreme, making harvest difficult. Ears were short, had good girth and were filled to the tips with ker-

nels of very good depth on strong cobs. There were no weed escapes or major diseases to report.

**Oskaloosa**—These tests were in the perfect location. FIRST farmer member B.J. Boender stated that nearby corn fields suffered from wind damage from passing storms. This crop looked very good. Weed control was excellent with very little leaf disease. Upright stalks had well-pollinated ears with kernels filled out to the tips. During harvest, strong westerly winds blew across north/south rows, but the strong plants withstood it without lodging or ears falling. Some hybrids had soft cobs, making it difficult to shell without breaking cobs.

**Palo**—This is a very well-drained location, which paid big dividends this summer. June rainfall exceeded 11", more than 6" above the 30-year average. No major disease infestations were noted. Weed control was excellent. Ear pollination was complete with deep kernels filled to the ear tip. Cobs were spongy and broke easily, making

kernel removal difficult. There was some plant lodging originating from both root and stalk weakness, but it did not impact yields.

**Victor**—FIRST farmer member Dan DeRycke stated this site received two storms with 90-mph winds. When harvest started, it was evident that plants had green-snapped earlier in the season. However, no major stalk or root lodging was observed. There were some pollination problems and ears with tip die-back. Ears had soft cobs and contained shallow kernels.

**Washington**—This site had ample rainfall, especially in June, which received around 11". August had 5.7" of rain. At harvest, a good uniform stand had ears with a full, deep kernel set to the tip. It was nice to see sturdy cobs to make shelling easy. Stalk strength was quite good; even with a 30-mph wind blowing during harvest, no lodging was observed. There were no major disease problems or weed pressure issues to impact yields.

Site Information Iowa East Central						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Central City	loam	minimum	soybean	190	5/23	3.19	11.53	2.33	6.08	-2.27	1.41
Muscatine	silt loam	minimum	soybean	196	5/7	2.67	9.41	2.92	4.12	-1.54	-0.43
Oskaloosa	silt loam	no-till	soybean	190	5/10	5.76	14.02	5.81	6.74	1.20	2.11
Palo	sandy clay loam	minimum	soybean	170	5/18	4.89	11.74	2.34	4.00	-2.05	-0.26
Victor	silt loam	no-till	soybean	160	5/18	3.52	13.91	4.47	8.57	0.14	3.99
Washington	silty clay loam	no-till	soybean	224	5/7	2.46	11.06	3.80	5.68	-0.51	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 Iowa East Central Corn Results



## EARLY-SEASON TEST 105-110 Day CRM

Top 30 of 72 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Central City	Muscatine	Oskaloosa	Palo	Victor	Washington
Beck NuTech/G2 Gen	XL 5828AMX^ X5Z-0906^	AMX,AQ,B OI	Es,P1V MQ,P1V,R	110 109	<b>241.3</b> <b>240.6</b>	19.1 18.7	6 10	726 726	1 2	<b>228.1</b> 220.4	247.1 246.4	231.5 <b>240.3</b>	<b>245.6</b> <b>241.0</b>	237.9 240.7	<b>257.4</b> <b>255.0</b>
Renk Cornelius	RK776SSTX C621SS	STX,B STX	AC,P2 AC,P5V	107 110	<b>238.5</b> <b>238.4</b>	19.3 18.4	14 10	716 721	5 3	221.2 220.2	236.4 243.6	<b>252.8</b> 232.5	<b>241.8</b>	242.9 231.4	248.1 <b>260.8</b>
Latham Prairie Brand	LH6049SSRIB 1085GT3	STX,B 3000GT	AC,P5V CM,C2	110 109	<b>237.9</b> <b>234.9</b>	18.8 18.5	10 3	717 710	4 6	<b>232.8</b> <b>227.7</b>	242.2 <b>262.8</b>	237.0 231.8	236.9 233.0	225.6 223.2	<b>252.7</b> 230.6
Dairyland LG Seeds	DS9610 LG5603STX	3000GT STX	CM,C2 AC,P5V	110 110	<b>234.5</b> 234.1	18.8 18.7	1 6	707 706	7 8	223.8 208.7	<b>254.9</b> <b>260.9</b>	235.0 <b>239.3</b>	225.2 234.8	228.8 227.6	244.9 233.4
Augusta Champion	A4658GT3110 CSX59A14SSRIB	3110 STX,B	CM,C5 AC,P5V	108 109	231.9 230.9	18.5 19.6	13 14	701 692	9 14	207.9 217.6	250.1 218.4	223.0 <b>244.1</b>	231.3 235.5	232.6 233.3	246.5 236.3
Latham AgriGold	LH5715VT2PRORIB A6462STX	VT2P,B STX	AC,P2 AC,P5V	107 110	230.6 230.6	18.1 19.5	15 11	699 691	10 17	213.6 209.9	236.6 <b>261.0</b>	229.1 234.6	237.4 236.0	226.4 220.1	240.2 221.7
Dekalb Great Lakes	DKC60-67RIB GC 5755STXRIB	STX,B STX,B	AC,P5V AC,P5V	110 107	230.3 230.1	18.7 18.6	15 12	695 695	11 12	216.8 204.8	220.1 243.3	236.0 227.7	223.6 224.2	239.0 239.4	246.5 241.2
Dyna-Gro AgriGold	D48SS38 A6416STXRIB	STX STX,B	AC,P5V AC,P5V	108 107	229.6 229.4	19.6 18.5	11 13	688 693	19 13	207.0 213.3	244.2 237.1	232.9 232.6	224.2 <b>239.8</b>	219.4 213.2	<b>250.1</b> 240.2
NuTech/G2 Gen Renze	5F-008AM^ 3264SST	AM,AQ,B STX	MQ,P5V CM,C2	108 107	229.2 229.0	18.8 20.3	13 11	691 682	18 28	200.6 220.5	242.1 235.9	227.6 218.9	211.7 224.6	<b>244.5</b> 227.0	248.6 247.2
FS InVISION Cornelius	FS 602X1 RIB C576SS	STX,B STX	AC,P5V AC,P5V	110 109	228.9 228.7	20.5 19.3	13 14	680 687	31 21	202.5 213.8	230.6 250.8	237.0 224.3	227.9 224.5	234.9 204.7	240.6 <b>253.8</b>
Latham Titan Pro	LH5829SSRIB TP 34-07 3000GT	STX,B 3000GT	AC,P5V CM,C2	108 107	228.1 227.1	18.7 17.5	10 13	688 692	20 15	218.7 215.8	239.0 240.7	216.3 218.6	<b>239.3</b>	214.4 234.8	240.8 224.4
Renk Kruger	RK791SSTX K4R-9911	STX,B STX,B	AC,P2 AC,P5V	108 111	226.5 226.3	18.7 18.8	11 15	683 682	26 29	206.3 206.3	235.3 210.2	224.7 <b>229.2</b>	232.0 <b>238.9</b>	225.0 227.3	245.4 246.1
NuTech/G2 Gen Steyer	5F-709^ 11004GENSS RIB	AM,AQ,B STX,B	MQ,P5V CM,C2	109 110	226.1 225.8	18.6 18.3	11 14	683 684	27 25	223.2 <b>226.0</b>	242.5 201.3	222.3 <b>243.2</b>	209.4 211.9	219.5 231.4	239.4 240.9
Champion Wyffels	CSX57A13SS W4968	STX,B STX	AC,P5V AC,P5V	107 107	225.2 225.0	17.8 17.3	15 14	685 687	23 22	211.3 223.2	251.9 217.6	<b>214.5</b> <b>242.1</b>	231.4 211.0	232.2 230.2	210.1 226.1
Cornelius FS InVISION	C533SS FS 56VX1 RIB	STX STX,B	AC,P5V AC,P5V	106 106	224.8 224.7	18.1 17.5	14 12	682 685	30 24	217.9 219.1	235.5 215.3	217.2 234.0	235.0 225.7	214.1 222.3	229.3 231.7
Pioneer	P1257AMX CK	AMX,B	MQ,P1V	112	231.0	19.8	14	691	16	<b>228.9</b>	223.0	231.3	193.9	<b>256.1</b>	<b>252.7</b>
<b>Test Average =</b>					<b>222.6</b>	<b>18.7</b>	<b>11</b>	<b>672</b>		<b>207.1</b>	<b>230.3</b>	<b>223.2</b>	<b>220.6</b>	<b>220.0</b>	<b>234.5</b>
LSD (0.10) =					11.8	0.7	9			16.9	23.5	14.5	17.0	23.8	14.9

## FULL-SEASON TEST 111-114 Day CRM

Top 30 of 81 tested

Beck NuTech/G2 Gen	XL 6365AMX^ 5Z-713^	AMX,B OI	Es,P1V MQ,P1V,R	113 113	<b>248.6</b> <b>243.6</b>	21.7 21.8	14 14	732 716	1 3	<b>243.5</b> <b>247.4</b>	<b>253.6</b> 228.7	<b>274.7</b> 242.0	203.2 222.9	244.5 <b>259.3</b>	<b>272.2</b> <b>261.0</b>
Golden Harvest NuTech/G2 Gen	G10S30-3110 GC 3F-814^	3110 AM-R,AQ,B	AVC,C5 MQ,P5V	110 114	<b>241.6</b> 239.4	19.4 20.8	14 10	725 710	2 4	221.2 <b>243.2</b>	<b>281.1</b> 226.3	<b>250.8</b> 226.1	206.9 221.7	229.2 <b>256.3</b>	<b>260.6</b> <b>262.6</b>
Champion Channel	CSX63A13VT2ProRIB 211-35STXRIB	VT2P,B STX,B	CM,C2 AC,P5V	113 111	239.2 238.7	21.1 20.7	13 13	707 708	6 5	237.3 <b>240.4</b>	233.1 223.1	<b>248.8</b> <b>253.6</b>	217.8 218.3	242.9 244.8	<b>255.5</b> 251.7
Golden Harvest Pfister	G14R38-3000GT GC 3488HR	3000GT HX,RR2	AVC,C5 CM,C2	114 115	238.6 238.1	22.9 25.1	4 6	695 680	11 25	<b>247.7</b> 239.7	<b>261.7</b> 249.7	246.9 233.6	176.7 220.0	<b>246.9</b> 244.0	251.4 241.7
Kruger Pioneer	KR-4913 P1555CHR GC	VT2P,B OT	AC,P5V MQ,P1V	113 115	237.7 236.6	21.5 21.8	15 15	701 696	7 10	<b>250.4</b> 237.6	237.6 216.5	229.6 240.6	218.6 229.6	227.7 229.9	<b>262.0</b> <b>265.5</b>
AgriGold Wyffels	A6499STXRIB W7448	STX,B STX	AC,P5V AC,P5V	112 112	236.6 235.7	23.2 21.0	11 7	687 698	21 9	<b>244.8</b> 232.3	246.1 243.3	230.3 238.6	229.3 222.7	223.0 241.3	245.9 235.8
Cornelius Champion	C744SS CSX62A13SSRIB	STX STX,B	AC,P5V AC,P5V	113 112	235.7 235.6	22.1 23.9	14 11	691 680	16 26	236.6 <b>245.5</b>	239.7 232.1	238.6 <b>248.4</b>	216.7 229.0	231.0 216.5	251.6 242.3
LG Seeds Channel	LG5618STXRIB 213-59STXRIB	STX,B STX,B	AC,P5V AC,P5V	112 113	235.4 235.0	22.7 21.4	9 13	687 693	22 13	238.8 <b>242.0</b>	239.7 217.5	229.0 232.5	223.9 229.6	236.9 <b>246.9</b>	243.9 241.6
Pioneer Latham	P1360CHR GC LH6239SSRIB	OT STX,B	MQ,P1V AC,P5V	113 112	234.6 233.7	21.6 21.5	14 1	691 689	17 18	222.1 233.2	233.4 <b>255.9</b>	230.0 242.3	215.1 213.1	<b>256.6</b> 211.1	250.5 246.3
Dekalb Latham	DKC62-97RIB GC LH6359SSRIB	VT3P,B STX,B	AC,P2 AC,P5V	112 113	232.2 232.2	20.7 22.3	10 15	689 680	19 27	221.6 233.3	240.4 212.7	240.6 243.6	219.0 <b>236.2</b>	228.2 222.5	243.6 244.8
Renk Renze	RK860VT3P 3332RA	VT3P,B STX,B	AC,P2 CM,C2	111 111	231.9 231.6	18.9 20.5	8 15	699 688	8 20	239.7 226.2	249.2 225.8	223.9 204.2	214.6 230.0	229.0 <b>251.0</b>	235.1 252.3
NuTech/G2 Gen Wyffels	X5R-1209^ W7108	OT STX	MQ,P1V,R AC,P5V	112 111	231.4 231.1	19.8 19.3	14 8	692 694	14 12	209.3 224.6	<b>251.4</b> 243.3	235.4 220.8	207.4 225.0	<b>246.4</b> 223.5	238.6 249.2
LG Seeds FS InVISION	LG5622STX FS 62SX1 RIB	STX STX,B	AC,P5V AC,P5V	113 112	231.1 231.0	22.4 20.6	6 12	676 686	30 23	225.2 <b>245.5</b>	245.2 221.9	227.2 239.8	222.7 221.9	217.4 229.1	248.8 227.9
Titan Pro Kruger	2M13-2P K4R-9313	VT2P,B STX,B	AC,P2 AC,P5V	113 113	230.5 230.5	19.3 21.1	13 14	692 682	15 24	204.9 230.4	240.8 199.0	229.5 <b>256.3</b>	221.2 220.9	237.9 227.3	248.4 249.3
Wyffels Prairie Brand	W7158 6355SX	STX STX	AC,P5V CM,C2	111 113	227.8 226.5	20.1 19.3	14 13	679 680	29 28	219.6 232.8	240.7 237.5	221.0 220.8	221.5 226.8	226.6 225.0	237.5 216.2
Pioneer	P1257AMX CK	AMX,B	MQ,P1V	112	228.1	20.9	14	676	31	228.3	227.3	220.7	199.0	<b>253.5</b>	244.7
<b>Test Average =</b>					<b>227.5</b>	<b>21.8</b>	<b>11</b>	<b>669</b>		<b>227.3</b>	<b>229.0</b>	<b>228.1</b>	<b>215.7</b>	<b>225.8</b>	<b>239.3</b>
LSD (0.10) =					12.8	1.1	9			12.8	20.8	19.4	18.6	19.3	15.1

Bold yields are significantly above test average.



 **PONCHO**<sup>®</sup>

**VOTIVO**<sup>®</sup>





SURE, WE COULD TELL YOU ABOUT THE POSITIVE EFFECTS OF  
TREATING YOUR SEEDS. BUT IT REALLY BOILS DOWN TO TWO WORDS:

**PONCHO®/VOTiVO®**

Applied on more than 14 million acres of corn already, Poncho®/VOTiVO® seed treatment from Bayer CropScience helps farmers achieve higher levels of production by using a systemic agent that helps protect the whole plant against insect pests. Poncho/VOTiVO also uses a biological component that protects against nematodes during early development, leading to healthier stands and larger yields. So get treated and get growing. For more information, contact your Seed Dealer or Bayer CropScience Representative, or visit [ponchovotivo.us](http://ponchovotivo.us).

**NOW AVAILABLE FOR CORN, COTTON AND SOYBEANS.**

Bayer CropScience LP, 2 TW Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer, the Bayer Cross, Poncho, and VOTiVO are registered trademarks of Bayer. Poncho/VOTiVO is not registered in all states. For additional product information, call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us).



**Corn Stats:**  
 Yield Range: 202.1-247.2  
 Yield Average: 225.2  
 Top \$ Per Acre: \$739.00

## Corn Field Notes: Missouri Northwest

Randy Meinsma, FIRST Manager

**Blue Ridge**—FIRST farmer member Doug Taggart stated that a tornado touched down just a couple hundred yards north of the site. At harvest, no lodging was observed. Some of the late-maturity hybrids did have some plant greensnap, which ultimately hurt their yields. There were no weed control issues. Some light infestations of leaf blight were observed. Ears were long with large diameters and were full of deep kernels all the way out to the tip. Some ears had weak shanks, but the issue was not bad enough for harvest loss. Sturdy cobs made shelling easy.

**Farragut**—This site looked very good all season. Rainfall in June and August was at least 8" and 10", respectively. This site had normal rainfall throughout all the other months of the growing season. Plant health was very good all season, with no weed escapes that were noted. Stalk strength was good with no lodging problems, but a few hybrids showed signs of weakness. Ears had strong shanks

with deep kernels that were completely filled to the tip.

**Gentry**—A suitable location was identified in Gentry. The host farmer requested the test be planted by April 9. However, seed for half of the products in these tests had not been delivered to us by that date. Attempts were made, without success, to find a new host location for these tests.

**Graham**—Root masses were small at this location. Combined with heavy, large ears, root lodging became a problem for some hybrids across the tests. However, ear shank strength was very good, which was important with the heavy ears that held complete sets of deep kernels filled to the ear tip. Disease pressure was light and weed control was complete, which helped maximize yield potential. Well-matured, dry plants with sturdy cobs made shelling easy. The tests at this site yielded an average of 217.3 bu. per acre in the early-season test and 218.8 bu. per acre in the full-season test.

**Hopkins**—This site provided two very good-looking tests. Stalks were standing well with little root lodging at harvest. Ears had very sturdy cobs, strong ear shanks and long ears with small seed depth. Some leaf blight was observed on plants. With high yield, easy-shelling ears and little lodging, this was a great location to harvest. FIRST farmer member Steve Alexander stated that corn in the area was taking a long time to dry down, but in the last week, grain moistures dropped quickly.

**Jamesport**—At planting, soil and weather conditions were marginal, which raised fears of a low stand. However, when stand counts were taken, it was evident that the population was strong and yield potential was not limited. This location had very good drainage to protect the stands from ponding after all the rain that was received. The plants here were still strong and standing very well at harvest. Very little leaf disease was present, and ears with strong cobs and shanks were the norm.

Site Information Missouri Northwest						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Blue Ridge	silt loam	minimum	soybean	150	5/6	6.74	10.10	3.90	11.00	-1.44	6.94
Farragut	silty clay loam	no-till	soybean	232	5/4	5.60	9.79	4.97	10.07	0.13	6.54
Gentry	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Graham	silty clay loam	minimum	soybean	142	5/5	4.61	9.02	7.68	14.22	1.94	10.34
Hopkins	silty clay loam	minimum	soybean	171	5/5	4.77	8.85	6.69	16.92	1.60	12.86
Jamesport	sandy clay loam	no-till	soybean	174	5/16	3.22	6.52	4.43	13.75	-0.10	9.71

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 Missouri Northwest Corn Results



## EARLY-SEASON TEST 107-112 Day CRM

Top 30 of 42 tested

Company/ Brand	Product/ Brand	Technology	Seed Treatment	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Blue Ridge	Farragut	Gentry	Graham	Hopkins	Jamesport
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	<b>247.2</b>	15.4	1	739	1	<b>239.7</b>	<b>277.5</b>		<b>237.7</b>	<b>279.6</b>	201.7
Pfister	2574RA	STX,B	CM,C2	110	<b>240.9</b>	15.6	2	719	2	<b>226.9</b>	<b>267.5</b>		<b>232.1</b>	254.4	<b>223.4</b>
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	<i>239.4</i>	<i>16.6</i>	<i>1</i>	<i>709</i>	<i>3</i>	<i>195.5</i>	<b>269.0</b>		<b>231.1</b>	<b>275.4</b>	<b>262.2</b>
Pfister	3366RA	STX,B	CM,C2	115	238.3	16.3	1	707	5	202.9	<b>267.2</b>		<b>229.8</b>	265.0	<b>226.4</b>
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	237.3	15.7	1	708	4	215.9	243.6		<b>230.8</b>	<b>275.9</b>	<b>220.1</b>
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	237.2	16.4	1	703	8	202.0	<b>268.1</b>		<b>237.5</b>	<b>270.0</b>	208.4
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	236.8	16.1	1	704	6	<b>225.2</b>	260.2		<b>234.4</b>	258.6	205.7
Augusta	A5658GT3000	3000GT	CM,C2	108	235.8	15.6	8	704	7	217.5	263.8		222.9	263.1	211.7
Prairie Brand	6305RA	STX,B	CM,C2	113	235.4	16.3	3	699	9	219.5	261.6		226.4	266.3	203.3
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	235.0	16.4	1	697	10	202.1	<b>274.8</b>		<b>222.6</b>	<b>268.5</b>	207.0
Pioneer	P1257AMX GC	AMX,B	MQ,P1V	112	233.6	15.8	5	696	11	<b>227.5</b>	256.7		214.4	<b>267.7</b>	201.7
Pfister	2565VT3Pro	VT3P	AC,P5	108	231.5	15.3	2	693	12	221.1	<b>272.6</b>		218.5	256.5	188.6
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	231.3	15.1	3	693	13	<b>224.2</b>	261.1		212.7	<b>272.3</b>	186.4
Titan Pro	81A12GL	3000GT	CM,C2	112	230.9	16.2	5	686	14	215.4	235.6		209.9	<b>270.9</b>	<b>222.5</b>
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	229.7	16.1	10	683	16	211.0	249.0		221.6	261.2	205.5
Prairie Brand	5985SX	STX	CM,C2	111	229.3	15.6	12	684	15	209.7	261.4		205.5	259.7	210.4
Prairie Brand	1121RA	STX,B	CM,C2	112	227.7	15.6	5	680	17	205.6	251.8		223.6	251.4	206.1
Titan Pro	TP 36-12 2P	VT2P,B	AC,P2	112	226.6	16.2	4	673	20	198.8	259.6		209.8	262.8	201.9
LG Seeds	LG5612STX	STX	AC,P5V	112	226.2	16.1	1	672	23	215.8	250.8		226.1	258.2	180.3
Pfister	2595RA	STX,B	CM,C2	111	225.5	15.5	1	674	18	209.5	249.4		222.3	250.9	195.3
Golden Harvest	G10S30-3110 GC	3110	AVC,C5	110	225.5	15.4	18	674	19	<b>234.7</b>	228.8		207.4	242.3	<b>214.5</b>
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	225.2	16.0	4	670	24	194.0	250.7		<b>234.8</b>	254.0	192.5
Titan Pro	TP 39-09 SS GC	STX,B	AC,P5V	109	224.3	14.9	1	673	22	210.2	244.0		223.7	231.6	211.8
Mycogen	2V709	STX,B	CM,C2	110	224.0	15.8	6	668	26	210.1	<b>274.3</b>		203.3	257.7	174.5
Wyffels	W5448 GC	STX	AC,P5V	108	223.7	15.3	1	669	25	221.9	230.7		220.4	249.8	195.8
FS InVISION	FS 602X1 RIB	STX,B	AC,P5V	110	222.8	15.9	2	663	28	201.5	252.3		215.4	252.6	192.4
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	222.6	15.9	5	663	29	216.3	259.7		219.0	219.6	198.6
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	222.1	15.1	3	666	27	197.4	260.5		209.0	250.6	192.9
Mycogen	2V717	STX,B	CM,C2	111	221.5	15.7	5	661	30	206.0	251.2		214.5	235.6	200.0
Augusta	A4658GT3110	3110	CM,C5	108	219.9	15.3	15	658	31	<b>228.1</b>	243.3		202.8	257.9	167.5
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	225.5	15.7	8	673	21	199.4	254.0		216.7	247.6	209.7
<b>Test Average =</b>					<b>226.7</b>	<b>15.7</b>	<b>4</b>	<b>676</b>		<b>210.7</b>	<b>254.1</b>		<b>217.3</b>	<b>255.0</b>	<b>196.1</b>
LSD (0.10) =					12.9	0.5	8			12.8	12.5		12.1	12.0	16.1

Site lost when grower planted through test area

## FULL-SEASON TEST 113-116 Day CRM

Top 30 of 42 tested

Lewis	R1414VT2P	VT2P,B	AC,P5V	114	<b>246.7</b>	16.4	4	731	1	200.9	<b>272.9</b>		<b>241.5</b>	<b>282.9</b>	<b>235.3</b>
NuTech/G2 Gen	5Z-713^	OT	MQ,P1V,R	113	<b>238.0</b>	16.3	3	706	2	193.7	<b>267.0</b>		<b>235.5</b>	253.7	<b>240.2</b>
Pioneer	P1555CHR GC	OT	MQ,P1V	115	233.8	16.8	4	691	3	199.5	252.1		<b>229.5</b>	261.2	<b>226.8</b>
Titan Pro	2M14-SS	STX,B	AC,P5V	114	233.8	17.7	6	686	4	189.2	<b>270.0</b>		221.8	260.0	<b>227.8</b>
Wyffels	W7888RIB	STX,B	AC,P5V	114	232.6	17.0	3	686	5	186.9	<b>264.3</b>		220.3	<b>267.6</b>	223.7
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	230.8	16.6	1	683	6	194.3	259.0		226.5	<b>266.2</b>	208.0
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	229.4	16.5	3	680	7	200.2	251.9		227.2	248.0	219.8
Pfister	2874RR	RR2	CM,C2	113	227.0	16.7	5	671	8	193.7	254.0		<b>232.6</b>	239.9	215.0
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	226.7	17.0	10	669	10	189.2	255.2		207.9	<b>263.9</b>	217.4
Augusta	A4564GENSS	STX	AC,P5V	114	226.7	17.7	2	665	18	192.8	249.9		221.2	249.4	220.3
Prairie Brand	1123RA	STX,B	CM,C2	113	226.6	16.9	11	669	11	<b>208.4</b>	239.9		225.2	243.8	215.7
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	226.6	17.6	4	665	19	162.8	260.5		230.6	255.1	<b>224.0</b>
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113	226.5	16.8	5	669	12	186.6	257.0		219.2	254.7	215.1
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	225.9	16.6	2	669	13	182.7	257.5		223.5	243.9	221.8
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	225.8	17.4	6	664	20	199.1	247.9		231.3	260.0	190.8
LG Seeds	LG5622STX	STX	AC,P5V	113	225.7	16.5	1	669	14	202.4	254.0		<b>232.4</b>	254.0	185.7
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	225.6	16.4	13	669	15	190.6	240.3		230.7	261.9	204.3
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	225.1	16.3	4	668	16	200.8	227.2		227.3	251.6	218.4
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	225.0	16.2	2	668	17	182.9	251.4		224.3	246.3	220.3
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	225.0	17.8	1	659	24	182.2	262.6		226.9	256.6	196.6
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	224.8	15.7	5	670	9	186.4	244.0		207.6	257.3	<b>228.7</b>
Mycogen	2C799	STX,B	CM,C2	114	224.3	16.8	3	663	22	192.6	244.5		230.9	244.4	209.3
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	223.4	17.1	2	658	26	199.5	248.5		215.8	256.4	197.0
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	223.3	16.7	2	660	23	187.6	228.6		226.2	251.8	222.3
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	223.1	16.0	1	664	21	175.4	253.4		217.2	256.2	213.4
Mycogen	2C788	STX,B	CM,C2	114	222.4	17.8	7	652	29	189.8	245.4		222.2	243.5	211.1
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	222.4	17.9	5	651	30	181.2	244.9		216.1	254.8	214.9
Pfister	3488HR	HX,RR2	CM,C2	115	222.4	18.0	6	651	31	197.0	244.6		202.9	<b>263.2</b>	204.5
Augusta	A5565VT2Pro	VT2P	CM,C1	115	222.2	17.4	1	653	28	187.8	260.3		207.7	252.4	203.0
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115	221.7	17.0	9	654	27	198.5	253.4		199.4	228.3	<b>229.1</b>
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	222.1	16.3	7	659	25	190.5	245.1		222.1	242.2	210.8
<b>Test Average =</b>					<b>223.6</b>	<b>16.9</b>	<b>5</b>	<b>660</b>		<b>187.8</b>	<b>249.6</b>		<b>218.8</b>	<b>250.1</b>	<b>211.5</b>
LSD (0.10) =					11.8	0.6	8			19.0	14.6		13.4	12.7	12.4

Site lost when grower planted through test area

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



Jason Beyers, FIRST Manager



**Corn Stats:**

Yield Range: 187.6-224.4  
 Yield Average: 206.9  
 Top \$ Per Acre: \$797.00

**Corn Field Notes: Missouri Northeast**

**Danville**—The Danville location had excellent corn tests this year, with very consistent soil. FIRST farmer member Tom Parrot said, “I would take another year just like this one.” He also stated that the site “had a cool April, a cool summer and no flooding rainfalls. There were no heavy winds and no hail.” Evidence of stalk rot was present at harvest, and leaves showed signs of anthracnose and gray leaf spot. However, Parrot was pleased with yields producing an average of around 240 bu. per acre.

**Greentop**—Corn at this site received good, timely rains leading up to pollination, and then it was slightly dry during late July. Corn plants were not very tall, aiding in standability. Stalks were still in good shape at harvest with about 25% failing a pinch test. Most hybrids had excellent ear girth with a deep kernel set. It appeared that the corn had quit drying down by harvest.

**Fairfield**—This was a great location with nice yields. FIRST farmer member Brent Pacha commented

that the tests did not lack for moisture all year. They just kept getting good, timely rainfalls. Corn was still standing great at harvest; any lodging noted was due to root lodging. Pacha believes that the rootworm pressure in the area has been increasing over time. The only disease evident was from some common rust.

**Kahoka**—Conditions at this location were almost ideal for most of the season. Rainfall was a little short during part of July, but that did not appear to be yield limiting. The stalks were starting to deteriorate rather quickly at the time of harvest. All of the lodging that was noted was due to stalk lodging. Ears on most of the hybrids had medium to large kernels with good ear fill. Yields here averaged 231.6 and 240 bu. per acre in the early- and full-season tests, respectively.

**Macon**—Seeds germinated well at this location, then everything went downhill from there. Lack of rainfall around pollination really hurt the early-season hybrids.

FIRST farmer member Don Hinkle commented that areas around the tests yielded anywhere from 100 to 230 bu. per acre, depending on the location in the field. In a year of excessive rainfall, these drought-stressed test results may be very useful, despite having variable yields. Regardless, the results are a bit disappointing compared to high yields in surrounding areas. The planting date may have played a role in the yield outcome. I would advise against using only data from this site to make decisions.

**Palmyra**—This was an exceptional yielding test site for the soil types present. Rainfall was great for most of the season. There was a heavy rainfall shortly after planting that hindered the emergence of some plants, but another rainfall almost a week later helped get the rest of the corn out of the ground. Corn was all standing really well and most hybrids still had strong ear shanks at harvest. Stalk quality, however, was beginning to deteriorate.

Site Information Missouri Northeast						2014 Rainfall (inches)					
						Monthly				Vs. 30-year avg.	
Site	Soil Texture	Tillage	Prev. Crop	Units N	Planted	May	June	July	August	July	August
Danville	silty clay loam	conventional	corn	242	5/5	2.53	6.78	2.32	5.29	-2.39	1.28
Fairfield	silty clay loam	minimum	soybean	195	5/6	3.40	9.54	6.27	6.79	1.85	2.81
Greentop	loam	minimum	soybean	168	5/6	2.19	9.52	7.02	9.09	2.31	4.92
Kahoka	silt loam	minimum	soybean	236	5/5	3.57	7.61	6.30	6.66	1.78	2.67
Macon	loam	conventional	soybean	200	4/23	2.79	5.94	3.44	8.14	-1.20	4.51
Palmyra	silt loam	conventional	soybean	200	4/22	4.26	6.05	3.47	7.69	-0.92	3.74

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 Missouri Northeast Corn Results



## EARLY-SEASON TEST 107-112 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	Danville	Fairfield	Greentop	Kahoka	Macon	Palmyra
Renk	RK860VT3P	VT3P,B	AC,P2	111	<b>218.9</b>	19.1	2	783	1	250.8	217.8	208.8	234.2	<b>143.7</b>	<b>258.0</b>
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	<b>217.1</b>	20.9	2	765	3	<b>252.9</b>	<b>238.0</b>	<b>212.0</b>	<b>233.3</b>	<b>127.9</b>	<b>238.6</b>
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	<b>215.7</b>	19.0	5	772	2	<b>255.5</b>	<b>232.3</b>	<b>232.2</b>	<b>250.7</b>	104.0	219.4
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	214.3	20.5	3	758	6	246.6	<b>240.6</b>	193.1	<b>256.1</b>	111.3	238.3
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	213.2	19.3	3	761	5	<b>254.2</b>	<b>234.2</b>	<b>230.1</b>	238.2	86.5	236.2
Channel	212-86STXRIB	STX,B	AC,P5V	112	212.5	19.4	4	758	7	242.8	<b>234.0</b>	207.5	224.0	122.2	<b>244.2</b>
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	212.0	18.6	4	762	4	<b>253.8</b>	232.4	216.3	234.5	91.8	243.3
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	210.2	19.0	2	753	8	247.7	216.4	210.6	<b>248.4</b>	97.2	240.6
Prairie Brand	6305RA	STX,B	CM,C2	113	209.4	20.4	2	741	10	243.7	<b>237.1</b>	205.6	227.3	109.0	233.7
Channel	209-53STXRIB	STX,B	AC,P5V	109	208.4	19.3	3	744	9	242.1	226.7	198.2	228.8	113.9	240.7
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	207.9	20.3	2	736	13	224.8	211.9	192.1	<b>255.5</b>	115.8	<b>247.2</b>
Renk	RK834SSTX	STX	AC,P2	111	205.7	19.2	3	735	14	240.5	226.2	196.5	230.8	99.7	240.5
Renk	RK776SSTX	STX,B	AC,P2	107	205.6	19.3	3	734	15	239.2	220.6	<b>219.5</b>	<b>252.6</b>	92.3	209.3
Prairie Brand	1121RA	STX,B	CM,C2	112	205.5	19.7	4	731	17	238.8	216.9	206.0	232.5	106.4	232.5
Augusta	A5658GT3000	3000GT	CM,C2	108	205.1	18.4	3	738	11	236.0	229.2	209.5	222.6	106.6	226.9
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	205.0	18.3	2	738	12	233.8	218.5	205.0	<b>253.7</b>	85.1	234.0
Beck	XL 6175AM^	AM,B	Es,P1V	112	204.7	20.1	4	726	20	235.0	225.0	210.7	232.9	99.0	225.4
NuTech/G2 Gen	X5Z-1209^	OI	MQ,P1V,R	112	204.6	18.7	3	734	16	249.7	206.4	176.1	237.2	<b>134.0</b>	224.1
Pfister	2574RA	STX,B	CM,C2	110	204.1	19.1	5	730	18	231.8	<b>236.6</b>	209.7	232.4	82.9	230.9
Pfister	3366RA	STX,B	CM,C2	115	203.5	20.6	3	719	23	234.8	228.8	199.9	225.5	108.8	223.3
Renk	RK791SSTX	STX,B	AC,P2	108	202.5	18.1	3	730	19	246.2	221.9	203.4	228.5	107.4	207.7
Pfister	2565VT3Pro	VT3P	AC,P5	108	202.5	18.8	3	726	21	220.4	220.7	187.4	225.1	<b>135.2</b>	226.2
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	199.8	20.2	2	708	27	239.2	216.7	202.8	232.7	96.7	210.6
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	199.2	20.2	2	706	28	244.9	205.6	210.4	222.6	89.6	221.9
Lewis	R1407VT2P	VT2P,B	AC,P5V	107	198.4	18.9	4	711	25	250.5	201.2	206.5	217.6	103.6	210.8
Augusta	A4658GT3110	3110	CM,C5	108	198.3	17.8	10	717	24	226.0	216.9	197.4	211.6	108.7	229.1
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	197.9	18.7	4	710	26	238.2	214.5	195.2	228.1	77.8	233.7
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	196.7	19.2	3	703	29	229.3	197.4	180.0	224.1	<b>130.7</b>	218.9
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	195.8	20.4	3	693	31	233.9	223.0	200.0	241.9	68.3	207.7
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	194.5	18.7	6	698	30	238.8	224.1	200.0	234.4	50.3	219.2
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	203.0	19.7	3	722	22	240.3	217.5	200.8	225.7	118.2	215.5
<b>Test Average =</b>					<b>203.6</b>	<b>19.3</b>	<b>3</b>	<b>727</b>		<b>239.9</b>	<b>221.1</b>	<b>201.7</b>	<b>231.6</b>	<b>100.4</b>	<b>227.0</b>
LSD (0.10) =					12.0	0.9	3			12.7	12.7	14.7	16.5	22.1	16.7

## FULL-SEASON TEST 113-116 Day CRM

Top 30 of 45 tested

NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	<b>224.4</b>	19.9	2	797	1	251.5	230.0	<b>215.2</b>	<b>257.0</b>	128.7	<b>263.8</b>
Wyffels	W7888RIB	STX,B	AC,P5V	114	<b>221.7</b>	20.7	2	782	2	249.1	235.3	197.9	<b>256.9</b>	147.6	243.4
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	220.7	20.5	3	780	3	<b>260.3</b>	219.1	193.1	<b>263.9</b>	140.0	247.7
Renk	RK935SSTX	STX	AC,P2	115	217.9	20.5	3	770	4	257.1	225.0	<b>212.7</b>	234.6	<b>151.8</b>	226.3
Renk	RK941SSTX	STX,B	AC,P2	114	217.3	21.6	3	761	5	255.8	<b>248.2</b>	166.7	249.9	138.5	244.4
Channel	217-08VT3PRIB	VT3P,B	AC,P5V	117	217.0	22.0	3	757	7	<b>262.3</b>	230.3	186.8	252.7	133.3	236.3
Golden Harvest	G16K01-3111	3111	AVC,C5	116	216.6	22.0	4	756	8	244.4	227.3	199.6	241.6	145.2	241.2
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	216.1	22.3	2	752	11	249.5	<b>246.2</b>	186.3	229.7	<b>153.8</b>	230.9
Augusta	A5565VT2Pro	VT2P	CM,C1	115	215.9	21.6	3	756	9	255.3	235.2	197.3	240.7	136.9	229.9
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	215.4	20.5	2	761	6	245.4	232.8	190.6	229.7	<b>171.4</b>	222.5
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	214.4	21.7	3	750	12	240.4	236.2	165.6	238.8	<b>159.6</b>	245.9
Pioneer	P1339AMX	AMX,B	MQ,P1V	113	213.9	20.7	4	755	10	243.9	226.4	200.3	240.4	133.3	238.8
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	213.3	22.1	2	744	16	247.2	239.0	205.8	236.9	124.1	227.0
Augusta	A4564GENSS	STX	AC,P5V	114	213.1	21.9	2	744	17	245.9	233.2	196.8	240.2	144.9	217.3
NuTech/G2 Gen	5H-216^	HX,RR2	MQ,P5V	116	212.9	21.3	3	747	13	245.5	225.6	187.7	<b>257.0</b>	132.1	229.7
Beck	Phoenix 6542A4^	3111	Es,P1V	115	212.7	21.4	5	746	15	239.7	223.9	193.9	<b>256.7</b>	135.8	226.0
NK Brand	N74R-3000GT	3000GT	AVC,C5	114	211.7	22.1	2	738	26	252.9	239.6	198.6	240.3	103.8	235.0
Channel	215-83STXRIB	STX,B	AC,P5V	115	210.9	20.7	3	744	18	240.7	232.1	204.0	235.6	114.2	238.7
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	210.7	20.7	3	744	19	249.3	231.1	191.7	234.2	117.4	240.2
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	210.3	20.0	4	747	14	243.8	224.7	<b>216.5</b>	241.2	102.3	233.1
Wyffels	W8377	VT3P	AC,P5V	115	210.0	21.1	2	739	24	252.8	227.7	188.5	238.7	132.5	219.6
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	209.3	20.5	2	740	21	237.3	233.6	191.5	233.8	148.0	211.5
Wyffels	W7806RIB	VT2P,B	AC,P5V	113	209.2	21.3	3	735	29	233.7	225.6	201.4	237.3	137.6	219.5
Beck	XL 6626AM^	AM,B	Es,P1V	114	209.1	20.4	4	740	22	243.1	221.2	184.3	250.2	120.2	233.9
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	209.0	20.8	2	737	27	243.2	231.1	187.6	232.5	126.5	232.8
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	208.4	19.9	3	740	23	241.6	220.5	193.3	239.2	120.0	235.6
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	208.4	20.2	2	739	25	223.8	227.8	195.0	232.0	142.2	229.8
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	208.1	20.4	2	736	28	251.2	238.9	179.0	234.8	112.7	231.8
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	207.7	21.2	1	730	31	251.7	233.9	167.1	231.9	119.8	241.7
LG Seeds	LG5622STX	STX	AC,P5V	113	206.9	20.4	2	732	30	243.3	232.6	191.3	247.9	92.0	234.5
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	209.1	19.7	2	744	20	243.2	223.4	202.6	229.0	130.5	226.0
<b>Test Average =</b>					<b>210.1</b>	<b>21.0</b>	<b>3</b>	<b>740</b>		<b>244.1</b>	<b>229.5</b>	<b>191.0</b>	<b>240.0</b>	<b>126.1</b>	<b>229.7</b>
LSD (0.10) =					11.4	0.9	2			14.0	13.9	15.0	15.9	23.2	18.3

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

# FIRST Nebraska Northeast Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Dodge	silty clay loam	no-till	30	5/20	138.2	low	7.72
Herman	silt loam	no-till	30	5/16	99.1	low	8.87
Scribner	silt loam	no-till	30	5/20	72.8	low	7.32
Wisner	silty clay loam	no-till	30	5/18	119.0	low	8.64

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



Tim Dozier, FIRST Manager

### Soybean Stats:

Yield Range: 52.1-61.1

Yield Average: 57.0

Top \$ Per Acre: \$550.00

## Soybean Field Notes: Nebraska Northeast

**Dodge**—This site had excellent planting conditions resulting in great crop emergence. This site missed most of the extreme weather events throughout the state. Mild summer temperatures enabled the crop to withstand a dry July period and finish strong. A few resistant waterhemp peppered the field, but there was no disease or insect pressure. FIRST farmer member David Maresh saw an average yield of 58.5 bu. per acre from this test site.

**Herman**—This no-till soybean site was planted under ideal conditions. Light hail was received at the V2 stage but only caused slight damage to some leaves. Perfect

temperatures in July and August, coupled with timely rains, resulted in excellent dryland yields. Harvest was delayed for a couple of weeks because of green stems and leaves not dropping, but with an average yield of 70.7 bu. per acre, it was well worth the wait.

**Scribner**—Although this test was planted under ideal conditions, soon after germination, the site received 4" of rain and hail at the V1-V2 stage. Plant stands were reduced by almost 50%, and without enough seed to replant, we had to wait to see the results. Cool, early-season weather and thin stands resulted in poor canopy closure, allowing glyphosate-resis-

tant waterhemp to appear. Considering the conditions, however, overall yields averaging 49.4 bu. per acre were very good.

**Wisner**—This no-till site was dry early this year. Although June rains helped, a dry spell returned in July. Rains returned in August but were a little too late to maximize yield. Mild summer temperatures retarded soybean vegetative growth, and complete row closure was never achieved. This location had excellent weed control and there was no disease pressure. One replication with highly variable yields was removed from one side of the test. Average yield from this site was 49.3 bu. per acre.

### 2.6-3.4 Maturity Group

Top 20 of 60 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Dodge	Herman	Scribner	Wisner†
Renk	RS335NR2	RR2Y	3.3	R	None	<b>61.1</b>	11.7	1	550	59.6	72.1	54.4	<b>58.4</b>
NK Brand	S34-Z1 §	RR2Y	3.4	R	CCB	<b>60.8</b>	12.0	2	547	<b>62.6</b>	69.0	<b>58.2</b>	53.2
Asgrow	AG3334 §	RR2Y	3.3	MR	ACi	60.1	11.5	1	541	61.5	73.9	48.4	<b>56.5</b>
Legend	LS-27R542N §	RR2Y	2.7	R	CMB	59.2	11.8	1	533	57.4	73.6	53.6	52.3
Titan Pro	TP-31R13	RR2Y	3.1	R	CCB	59.2	11.9	1	533	59.6	71.9	50.8	54.6
Mycogen	5N312R2	RR2Y	3.1	R	CCB	59.1	11.5	1	532	<b>62.4</b>	71.1	55.3	47.4
Asgrow	AG3432 §	RR2Y	3.4	MR	ACi	59.0	11.7	1	531	61.1	71.7	51.0	52.2
Hefty	H28R5	RR2Y	2.8	MR	DST	58.9	11.7	1	530	56.3	<b>75.4</b>	52.1	51.7
Mycogen	5N342R2	RR2Y	3.4	R	CCB	58.8	12.1	1	529	<b>62.8</b>	71.5	53.8	46.9
Prairie Brand	PB-2997R2	RR2Y	2.9	R	CMBV	58.5	12.0	1	527	60.8	<b>75.4</b>	52.8	44.8
Prairie Brand	PB-2788R2	RR2Y	2.7	R	CMB	58.4	11.5	1	526	58.2	72.0	50.8	52.5
Dyna-Gro	S29RY74	RR2Y	2.9	R	CMBV	58.4	11.6	1	526	58.1	73.1	49.5	53.0
Hefty	H29R5	RR2Y	2.9	MR	DST	58.2	11.7	1	524	60.1	73.2	49.6	50.0
Hefty	H28R4	RR2Y	2.8	MR	DST	58.1	11.6	1	523	56.6	74.2	51.7	49.7
Pioneer	P31T11R §	RR	3.1	R	EE,G	58.1	11.8	1	523	56.8	71.1	54.8	49.6
Channel	3306R2 §	RR2Y	3.3	MR	ACi	58.0	11.8	1	522	60.2	<b>76.1</b>	50.1	45.4
Fontanelle	70N93	RR2Y	3.0	MR	I	57.9	11.7	1	521	60.8	71.4	43.4	55.8
Channel	2808R2	RR2Y	2.8	R	ACi	57.8	11.7	1	520	61.5	69.1	47.3	53.3
Prairie Brand	PB-3124R2	RR2Y	3.1	R	CMBV	57.8	12.0	1	520	<b>62.4</b>	70.1	50.3	48.5
Titan Pro	TP-34R34	RR2Y	3.4	R	CCB	57.7	11.8	2	519	<b>63.4</b>	65.9	55.6	45.8
<b>Site Averages =</b>						<b>57.0</b>	<b>11.8</b>	<b>1</b>	<b>513</b>	<b>58.5</b>	<b>70.7</b>	<b>49.4</b>	<b>49.3</b>
LSD (0.10) =						3.8	0.4	ns		3.9	4.1	6.3	6.7

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

# FIRST Nebraska Southeast Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Beatrice	silty clay loam	no-till	30	5/20	118.9	n/a	5.21
Cook	silty clay loam	no-till	30	5/17	127.6	n/a	7.39
Springfield	silt loam	no-till	30	5/20	126.5	n/a	10.05
Union	silty clay loam	no-till	30	5/17	128.9	n/a	9.06

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



Adam Stuteville, FIRST Manager

### Soybean Stats:

Yield Range: 52.2-64.5

Yield Average: 59.6

Top \$ Per Acre: \$581.00

## Soybean Field Notes: Nebraska Southeast

**Beatrice**—The test location at Beatrice was planted into good moisture, but cool weather hurt emergence slightly. Plants quickly took off once it warmed up. Plants were on the short side at only 22–26" tall. Half of the varieties still had green stems at harvest, giving the combine a good work-out. A few stalks of volunteer corn survived until harvest but did not affect yield. This site missed two rains in August that really would have helped yields beat the 49.7 bu.-per-acre average that this site produced.

**Cook**—This location was planted into good soil moisture and emerged well. The crop looked

good early and throughout the summer, thanks to timely rains in July and August. At harvest, plants were standing excellently. They were between 32–38" tall. Some varieties had green stems, but all threshed easily. Yields were very good, averaging 60 bu. per acre, due in part to the moderate temperatures and timely rains. Weed control was very good.

**Springfield**—The test location at Springfield was planted into excellent soil conditions. Seedlings emerged very quickly and looked good all season. There were a few small areas where phytophthora killed plants prematurely. Weed control was excellent. At harvest,

plants were tall and standing upright. Except for a few late-season varieties, which still had green stems, this test was very nice to harvest.

**Union**—This site emerged fast and had excellent final population numbers. The test at this site looked good all season, as it caught several timely rains in July and August. An application of fungicide helped push yield potential. Plants were tall and loaded with pods top to bottom. Plants were all standing well at harvest with pods and beans that were dry but stems that were green. A few varieties still had leaves attached. Weed control was very good.

### 3.1-4.0 Maturity Group

Top 20 of 60 tested

Company/ Brand	Product/ Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Beatrice	Cook	Springfield	Union
Taylor	383-2R §	RR2Y	3.9	MR	CMBV	<b>64.5</b>	11.3	0	581	54.2	<b>64.7</b>	<b>64.4</b>	74.6
Renk	RS335NR2	RR2Y	3.3	R	None	63.1	11.0	0	568	47.5	64.2	<b>71.2</b>	69.3
Taylor	EXP T-38 §	RR2Y	3.8	MR	CMBV	62.8	11.0	0	565	49.6	63.8	56.7	<b>81.1</b>
Champion	38R72N	RR2Y	3.8	MR	CCB	62.3	11.2	0	561	54.9	63.3	57.5	73.3
Renk	RS314NR2	RR2Y	3.1	R	CMB	62.2	11.1	0	560	48.9	59.2	61.3	<b>79.4</b>
Stine	37RD22 §	RR2Y	3.7	R	None	62.2	11.4	0	560	54.7	61.6	63.2	69.4
Hefty	H40R5	RR2Y	4.0	MR	DST	62.1	10.9	0	559	51.2	61.7	58.2	<b>77.2</b>
Ohlde	0 345 §	RR2Y	3.4	n/a	CMBV	61.9	11.1	0	557	47.0	62.2	<b>69.2</b>	69.2
Prairie Brand	PB-3124R2	RR2Y	3.1	R	CMBV	61.8	11.4	0	556	53.6	59.4	<b>64.7</b>	69.4
Dyna-Gro	32RY39 §	RR2Y,ST	3.9	R	CMBV	61.7	11.2	0	555	48.0	<b>64.6</b>	58.1	76.2
Hefty	H31R4	RR2Y	3.1	MR	DST	61.6	11.1	0	554	44.7	61.3	<b>67.0</b>	73.5
Mycogen	5N312R2	RR2Y	3.1	R	CCB	61.2	11.1	0	551	48.3	57.3	61.6	<b>77.5</b>
LG Seeds	C3989R2	RR2Y	3.9	R	AC,PV	61.2	11.3	0	551	<b>56.9</b>	57.3	60.2	70.3
Rob-See-Co	Innotech IS3423 §	RR2Y	3.4	MR	CCB	61.2	11.5	0	551	47.9	64.0	62.4	70.3
Ohlde	0 373 §	RR2Y,ST	3.7	R	CMBV	61.1	11.2	0	550	48.8	60.2	60.3	74.9
Dyna-Gro	S36RY24	RR2Y	3.6	R	CMBV	61.0	11.1	0	549	54.1	60.5	57.9	71.4
Champion	34R64N	RR2Y	3.4	MR	CCB	60.9	10.9	0	548	52.5	57.0	59.1	75.0
Channel	3308R2 §	RR2Y	3.3	R	ACi	60.9	11.2	0	548	47.3	59.1	59.4	<b>77.9</b>
Pioneer	P3372R §	RR	3.3	R	EE,G	60.6	10.9	0	545	54.2	61.5	57.4	69.3
Fontanelle	37N14	RR2Y	3.7	MR	ACi	60.6	11.1	0	545	50.5	59.3	57.7	74.7
<b>Site Averages =</b>			<b>59.6</b>	<b>11.2</b>	<b>0</b>	<b>537</b>	<b>49.7</b>	<b>60.0</b>	<b>58.6</b>	<b>70.1</b>			
LSD (0.10) =			4.6	0.3	0		5.4	4.5	4.9	6.7			

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

# FIRST Kansas Northeast Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Du Bois	silty clay loam	conventional	30	5/24	121.2	n/a	7.33
Holton	silt loam	no-till	30	5/26	118.5	n/a	5.76
Leavenworth	silty clay loam	n/a	n/a	n/a	n/a	n/a	6.69
Vermillion	silty clay loam	no-till	30	5/24	118.1	n/a	7.11

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



Adam Stuteville, FIRST Manager

### Soybean Stats:

Yield Range: 44.8-55.4

Yield Average: 50.6

Top \$ Per Acre: \$499.00

## Soybean Field Notes: Kansas Northeast

**Du Bois**—The test at the Du Bois location emerged well and received good rain in June. Unfortunately, the rain shut off in July, and nearly the whole month went by without any precipitation. August brought some rains that really helped this crop. There were a few pigweeds along the front of the test area. Plants were very short at only 12–18" tall, but they did have a lot of pods. The bottom nodes of the pods were right at the combine header sickle, so some harvest loss was observed at this location.

**Holton**—The no-till site at Holton was planted on May 26 and had great emergence. The

test looked very good early in the growing season. The area went through a dry spell in July but was able to catch some rains in August. Plants were tall and standing well. Unlike many of the sites we harvested, there were no green stems at harvest here, as plants were very mature. A few stalks of volunteer corn and a late flush of pigweed were present but did not affect yield. The average yield from this test was 56.4 bu. per acre.

**Leavenworth**—The Leavenworth site could not be planted because of excessive rain this spring. It received rainfall at least every third day from June 1 until

July 10. At this point, we collectively decided that it was too late to plant and to obtain any meaningful data.

**Vermillion**—The Vermillion location was planted into good soil moisture and emerged great. It received plenty of moisture in June but went through a long dry spell in late July and the first part of August. Plants were showing signs of drought stress, but rain in late August and September really helped crop yields. Plants were reaching 26–32" in height at harvest and standing great. Weed control was excellent here. The average yield from this test was 51.1 bu. per acre.

### 3.4-4.4 Maturity Group

Top 30 of 54 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Du Bois	Holton	Leavenworth	Vermillion
Mycogen Channel	5N431R2 3808R2	RR2Y	4.3	R	CCB	55.4	10.8	0	499	<b>51.2</b>	<b>61.3</b>	Not planted due to persistent wet soils	53.8
Asgrow	AG3735 §	RR2Y	3.7	R	ACi	54.2	10.7	0	488	46.7	<b>64.7</b>		51.3
Dyna-Gro	S38RY84	RR2Y	3.8	R	CMBV	53.8	11.0	0	484	<b>49.6</b>	<b>60.8</b>		50.9
Channel	3707R2/SR	RR2Y,ST	3.7	MR	ACi	53.7	10.5	0	483	<b>49.3</b>	58.7		53.2
Lewis	375R2	RR2Y	3.7	R	ACi	53.5	10.5	0	482	46.4	58.0		<b>56.1</b>
Ohlde	0 404 §	RR2Y,ST	4.0	R	CMBV	53.5	10.7	0	482	41.6	<b>61.9</b>		<b>57.1</b>
Taylor	440-2R §	RR2Y	4.4	MR	CMBV	53.4	10.6	0	481	<b>52.0</b>	57.8		50.5
Dyna-Gro	32RY39	RR2Y,ST	3.9	R	CMBV	53.1	10.5	0	478	<b>48.5</b>	56.5		54.3
Ohlde	0 435 §	RR2Y,ST	4.3	n/a	CMBV	53.1	10.9	0	478	<b>51.6</b>	54.0		53.8
LG Seeds	C4322R2 §	RR2Y	4.3	R	AC,PV	53.0	10.5	0	477	<b>49.0</b>	57.9		52.2
Asgrow	AG4034 §	RR2Y	4.0	MR	ACi	53.0	10.7	0	477	46.5	58.7		53.7
LG Seeds	C4010R2	RR2Y	4.0	R	AC,PV	52.6	10.5	0	473	45.7	<b>62.2</b>		50.0
Lewis	423R2	RR2Y	4.2	R	ACi	52.6	10.6	0	473	<b>51.3</b>	56.6		50.0
NuTech/G2 Gen	7436R2^ §	RR2Y	4.3	R	EE,G	52.4	10.5	0	472	47.7	59.9		49.7
Renk	RS414NR2	RR2Y	4.1	R	CMB	52.3	10.4	0	471	45.2	57.4		54.3
NK Brand	S36-M8 §	RR2Y	3.6	R	CCB	52.2	10.7	0	470	41.3	59.4		<b>55.9</b>
Ohlde	0 394 §	RR2Y	3.9	MR	CMBV	52.0	10.7	0	468	39.3	<b>64.8</b>		52.0
Asgrow	AG3832 §	RR2Y	3.8	R	ACi	51.8	10.6	0	466	44.6	57.9		52.8
Lewis	424R2	RR2Y	4.2	MR	ACi	51.7	10.6	0	465	42.6	<b>61.6</b>		51.0
<b>Site Averages =</b>						<b>50.6</b>	<b>10.7</b>	<b>0</b>	<b>456</b>	<b>44.4</b>	<b>56.4</b>		
LSD (0.10) =						5.2	0.5	ns		4.0	3.7		3.8

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

# FIRST Kansas East Central Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Baldwin City	silty clay loam	no-till	30	6/28	120.3	n/a	4.32
La Cygne	silty clay loam	minimum	30	6/22	122.6	n/a	5.32
Louisburg	silt loam	no-till	30	6/19	118.6	n/a	6.08
Stilwell	silt loam	conventional	30	7/4	122.5	n/a	6.53

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



Adam Stuteville, FIRST Manager

### Soybean Stats:

Yield Range: 44.5-52.5

Yield Average: 48.2

Top \$ Per Acre: \$473.00

## Soybean Field Notes: Kansas East Central

**Baldwin City**—The Baldwin City location was planted on June 28 because of a very wet June. The tests were then planted into wet soil conditions. Seedlings emerged fast and final stand populations were quite good. Weed control was good here as well. Plants went through a spell of dry weather in late July and early August. Late August and September rainfall really helped yield potential. The first killing frost was on Oct. 31, giving plants more time to add yield. A few pods shattered when hit by the combine head reel.

**La Cygne**—Here at La Cygne, seedlings emerged well and looked good through the first half of July.

The site experienced a dry period in late July through most of August. September rains helped, but dry weather caused aborted flowers and pods, ultimately hurting yield potential. Plants were 22–28" tall and standing well. Weed control was good with a few stalks of volunteer corn present.

**Louisburg**—The Louisburg test location was planted into good soil moisture and received a 1" rain just hours after planting. Soybean emergence was excellent and the plants grew very fast. A dry spell in late July and again in late August put some stress on the test area. Late August rains really helped with pod set and fill. Weed control

was excellent. Plants were 26–32" tall and standing very well at harvest. Plants were all mature with no green stems.

**Stilwell**—The test location at Stilwell was planted late, but once the crop got into the ground, it emerged fast and looked good early. Late August and September rains and a very late frost really helped yields. A few pigweed emerged late with little impact on the crop. Harvest was attempted on Oct. 31, but this site still had green pods and swollen beans. A frost that night killed the plants and let them dry down. Plants were 24–34" tall and standing well.

### 3.7-4.7 Maturity Group

### Top 20 of 45 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Baldwin City	La Cygne	Louisburg	Stilwell
Taylor	440-2R §	RR2Y	4.4	MR	CMBV	52.5	11.1	0	473	55.3	49.2	52.4	52.9
NuTech/G2 Gen	7414^ §	RR	4.1	R	EE,G	50.8	11.1	0	457	55.9	42.9	50.5	53.8
NK Brand	S46-L2 §	RR2Y	4.6	R	CCB	50.6	11.1	0	455	52.9	42.3	53.6	53.7
Ohlde	0 474 §	RR2Y	4.7	R	CMBV	50.1	11.3	0	451	50.0	46.1	49.3	55.1
LG Seeds	C4780R2 §	RR2Y,ST	4.7	R	AC,PV	49.8	11.4	0	448	54.5	40.3	46.0	58.4
Dyna-Gro	S42RS03	RR2Y,ST	4.2	R	CMBV	49.7	11.0	0	447	49.7	43.2	52.1	53.7
Prairie Brand	PB-4343R2	RR2Y	4.3	R	CMB	49.7	11.0	0	447	50.4	40.6	52.3	55.6
Prairie Brand	PB-3699R2 §	RR2Y	3.6	R	CMBV	49.7	11.1	0	447	47.3	42.8	53.1	55.4
Taylor	470-2RS §	RR2Y,ST	4.7	MR	CMBV	49.6	11.2	0	446	52.8	39.6	51.8	54.0
NuTech/G2 Gen	7407^ §	RR	4.0	R	EE,G	49.5	11.2	0	446	53.6	45.2	50.1	49.0
LG Seeds	C4411R2 §	RR2Y	4.4	R	AC,PV	49.1	11.1	0	442	50.9	40.6	48.5	56.4
LG Seeds	C4322R2 §	RR2Y	4.3	R	AC,PV	49.0	11.1	0	441	49.7	41.0	50.9	54.3
Lewis	445R2	RR2Y,ST	4.4	R	ACi	49.0	11.3	0	441	53.1	42.6	45.6	54.7
Stine	37RC82 §	RR2Y,ST	3.7	R	None	48.9	10.4	0	440	44.9	44.2	46.8	59.7
Dyna-Gro	S40RY25	RR2Y	4.0	R	CMBV	48.7	11.0	0	438	52.9	42.9	50.8	48.3
Ohlde	0 404 §	RR2Y,ST	4.0	R	CMBV	48.7	11.1	0	438	51.4	45.6	51.0	46.6
Renk	RS414NR2	RR2Y	4.1	R	CMB	48.7	11.2	0	438	52.2	44.0	51.1	47.6
Prairie Brand	PB-4888R2	RR2Y,ST	4.8	R	CMB	48.7	11.3	0	438	50.4	44.9	48.0	51.6
Mycogen	5N451R2 §	RR2Y	4.5	R	CCB	48.5	11.1	0	437	53.6	43.4	46.4	50.6
NuTech/G2 Gen	7436R2^ §	RR2Y	4.3	R	EE,G	48.5	11.2	0	437	46.6	41.9	52.4	53.0
<b>Site Averages =</b>			<b>48.2</b>	<b>11.1</b>	<b>0</b>	<b>434</b>	<b>49.6</b>	<b>0</b>	<b>434</b>	<b>49.6</b>	<b>42.8</b>	<b>49.3</b>	<b>51.1</b>
LSD (0.10) =			3.5	0.4	ns					3.5	3.4	4.1	5.0

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



## Soybean Field Notes: Iowa North

### Soybean Stats:

Yield Range: 46.6-54.5

Yield Average: 50.9

Top \$ Per Acre: \$480.00

**Algona**—This site had plenty of moisture through June. Along with the rain showers, this field received damaging hail on June 17. Yield loss of the surrounding field was estimated to be 17%. All plants at this location recovered well, but overall plant heights were a bit shorter than other test sites across northern Iowa. Moderate rain showers every couple of weeks were just enough to keep these beans going from July through the middle of August. Internodes were short and close together, and pod set was excellent. However, the seed size was variable between varieties. The plants were standing well at harvest.

**Emmetsburg**—The soybean stand across this site was great. June rainfall totaled nearly 17" for the month; this was almost 12" above the 30-year average. The plants on this test site received some minor hail in June but they recovered well. Lodging was not an issue at this location. Plants were healthy through the end of July and they flowered well. There

was no evidence of any foliar diseases noted at this location. Temperatures approached freezing on the night of Sept. 12. The average yield from the early-season test here was 59.8 bu. per acre and the average yield from the full-season test was 58.2 bu. per acre.

**New Hampton**—This site was planted into no-tilled corn on a well-drained area of the field. Wet early spring weather delayed planting at this location. Heavy rainstorms in June dropped 1.2" of precipitation on June 1, 2.49" on June 16, 3.26" on June 18 and 1.45" on June 26. Flooding was a common occurrence in nearby fields. Soil saturation for extended periods stunted growth, resulting in shorter plant heights. Not much rain was seen here in July, and precipitation ended nearly 3.5" below normal for the month. As of the end of September, precipitation at this site totaled 9.73" over the 30-year average. A low temperature of 31°F was recorded on the early morning of Sept. 13 and damaged many varieties that

had not reached full maturity. This location yielded an average of 39.9 bu. per acre in the early-season test and 39.6 bu. per acre in the full-season test.

**Osage**—These tests were planted on May 20 into no-tilled corn on a well-drained area of the field. Final germination across the site averaged 85%. Rainfall during June was nearly 8" above the 30-year average. A dry spell ensued July 1 to Aug. 17, leaving plants to survive on June moisture. Where rooting systems were shallow, stress from the dry conditions was apparent. Plants were healthy during a July visit. A few aphids were observed and were later sprayed. There were no foliar diseases noted. Temperatures approached freezing on the night of Sept. 12. Plants at this location were short and pods were set very close to the ground with some lateral branching near the base of plants. This location produced an average of 47.1 bu. per acre in the early-season test and 44.9 bu. per acre in the full-season test.



Cooler conditions delayed crop maturity across Iowa. Soybean plot harvest at FIRST farmer member, Dale Hemann's farm, occurred on October

11 near Osage in northeast Iowa. This location averaged 41.7 bu. per acre, with the highest yielding variety reaching 53.8 bu. per acre.

# FIRST Iowa North Soybean Results



Corey Rozenboom, FIRST Manager

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Algona	loam	minimum	15	5/19	154.8	n/a	6.77
Emmetsburg	loam	minimum	15	5/16	157.7	n/a	6.72
New Hampton	clay loam	no-till	15	5/21	145.6	n/a	7.23
Osage	silty clay loam	no-till	15	5/20	144.1	n/a	10.98

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

## 1.8-2.1 Maturity Group

Top 20 of 48 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Algona	Emmetsburg	New Hampton	Osage
FS Hisoy	HS 19A42	RR2Y	1.9	R	ACi	54.5	11.2	1	480	60.2	61.4	44.1	52.1
Champion	20R35N	RR2Y	2.0	MR	CMBV	54.3	11.7	1	478	59.4	62.5	46.7	48.7
Renk	RS195NR2	RR2Y	1.9	R	None	53.9	11.1	1	474	59.4	64.3	42.0	49.8
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CMBV	53.9	11.3	1	474	60.0	59.4	45.1	51.0
LG Seeds	C2020R2	RR2Y	2.0	R	AC,PV	53.8	11.4	1	473	59.1	58.9	48.7	48.5
Kruger	K2-2103	RR2Y	2.1	R	ACi	53.6	11.6	1	472	58.8	60.0	41.8	53.8
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB	52.9	10.3	1	466	57.8	61.2	40.8	51.9
Titan Pro	TP-18R24	RR2Y	1.8	R	CCB	52.6	11.2	1	463	57.3	61.7	42.4	48.9
Hefty	H18R5	RR2Y	1.8	MR	DST	52.6	11.2	1	463	57.7	61.4	42.4	48.7
Latham	L1968R2	RR2Y	1.9	R	CCB	52.6	11.4	1	463	57.7	58.8	42.0	52.0
Dyna-Gro	S20RY45	RR2Y	2.0	R	CMBV	52.4	11.5	1	461	57.4	56.6	44.0	51.7
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CMBV	52.3	11.0	1	460	61.4	56.7	40.9	50.1
Kruger	K2-1801	RR2Y	1.8	R	ACi	52.3	11.1	1	460	59.5	60.8	40.8	48.1
Renk	RS213NR2	RR2Y	2.1	R	CMB	52.1	11.8	1	458	59.6	63.1	39.2	46.5
Pfister	19R24	RR2Y	1.9	R	CCB	52.0	11.0	1	458	62.8	57.6	36.4	51.1
Latham	L1858R2	RR2Y	1.8	R	SS+	51.9	11.0	1	457	61.2	54.7	41.1	50.6
Viking	1909R2N	RR2Y	1.9	R	None	51.9	11.0	1	457	55.7	59.4	42.8	49.7
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	51.5	11.8	1	453	57.5	63.8	40.2	44.5
Cornelius	CB20R44	RR2Y	2.0	R	CCB	51.5	11.8	1	453	56.5	63.0	39.4	47.0
Stine	20RD20 §	RR2Y	2.0	R	None	51.4	11.8	1	452	56.1	62.7	39.4	47.5
Croplan	R2C2263 CK	RR2Y	2.2	R	CMBV	50.0	10.9	1	440	56.4	60.2	36.5	47.0
Site Averages =			50.9	11.3	1	448	56.7	59.8	39.9	47.1			
LSD (0.10) =			3.0	0.7	ns					3.7	2.3	2.5	3.5

## 2.2-2.5 Maturity Group

Top 20 of 48 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Algona	Emmetsburg	New Hampton	Osage
FS Hisoy	HS 23A42	RR2Y	2.3	R	ACi	53.9	11.3	1	474	59.4	64.4	44.9	46.7
Prairie Brand	PB-X14201R2	RR2Y	2.0	R	CMBV	53.8	11.7	1	473	57.1	61.3	43.1	53.6
Dairyland	DSR-2411/R2Y	RR2Y	2.4	S	CMB	52.9	11.6	1	466	62.6	60.1	43.4	45.4
LG Seeds	C2441R2	RR2Y	2.4	R	AC,PV	52.7	11.3	1	464	56.2	61.7	40.3	52.4
Channel	2306R2	RR2Y	2.3	R	ACi	52.6	10.8	1	463	54.7	62.9	40.0	52.9
Latham	E2328R2	RR2Y	2.3	R	CCB	52.4	10.8	1	461	56.4	56.6	43.4	53.1
Titan Pro	25M22	RR2Y	2.5	R	CCB	52.3	12.3	1	460	59.1	61.0	41.2	47.8
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	52.2	12.7	1	459	55.5	57.1	48.8	47.5
Renk	RS241R2	RR2Y	2.4	S	CMB	51.6	11.7	1	454	55.3	57.8	43.0	50.1
Dyna-Gro	S24RY65	RR2Y	2.4	R	CMBV	51.1	11.8	1	450	54.6	58.1	40.9	50.9
Titan Pro	TP-23R04	RR2Y	2.3	R	CCB	50.6	11.2	1	445	57.2	58.5	40.3	46.4
Kruger	K2-2403	RR2Y	2.4	R	ACi	50.5	11.6	1	444	57.6	56.6	41.4	46.2
Prairie Brand	PB-2319R2	RR2Y	2.3	R	CMBV	50.4	11.2	1	444	56.3	58.8	39.9	46.4
Hefty	H23R5	RR2Y	2.3	MR	DST	50.4	11.2	1	444	57.0	57.2	40.7	46.7
Titan Pro	22M12	RR2Y	2.2	R	CCB	50.2	11.4	1	442	58.0	53.5	39.7	49.7
Dairyland	DST24-006/R2Y	RR2Y	2.4	R	CMB	50.2	11.6	1	442	57.4	51.6	43.8	48.0
Pfister	24R22	RR2Y	2.4	R	CCB	50.0	12.1	1	440	57.5	57.7	43.9	41.0
Pioneer	P22T69R §	RR	2.2	R	EE,G	49.9	10.8	1	439	56.2	58.8	39.3	45.2
Viking	2301R2N	RR2Y	2.3	R	None	49.8	11.1	1	438	54.1	59.1	39.9	46.2
Asgrow	AG2433 §	RR2Y	2.4	MR	ACi	49.8	12.1	1	438	55.6	54.6	44.3	44.5
Croplan	R2C2263 CK	RR2Y	2.2	R	CMBV	49.5	11.1	1	436	55.0	59.5	36.8	46.8
Site Averages =			49.3	11.6	1	434	54.3	58.2	39.6	44.9			
LSD (0.10) =			3.3	0.9	ns					3.7	3.3	2.7	3.7

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



## Soybean Field Notes: Iowa Northwest

### Soybean Stats:

Yield Range: 48.8-63.4

Yield Average: 55.6

Top \$ Per Acre: \$558.00

**Albert City**—This site was planted on May 17 into no-tilled corn on a well-drained area of the field. Big June rainstorms dropped 1.49" of precipitation on June 1, 4.54" on June 14 and 3.44" on June 16. Plants at this location were tall and clean of disease, except for some bacterial pustule at the end of July. Rainfall as of the end of September remained 9.65" over the 30-year average. Temperatures approached freezing on the night of Sept. 12. Pod load was excellent from bottom to top with large seeds. The tests from this location averaged a yield of 58.3 bu. per acre in the early-season tests. Yields dropped to an average of 57 bu. per acre in the full-season test.

**Galva**—This site was planted on May 15 into no-tilled corn on a well-drained area of the field. The area stayed wet through most of June, which experienced nearly 17" of rainfall for the month. Another 11" of rain in August left plenty of moisture to keep this site

going. Plants were healthy and insect-free through the end of July. Temperatures approached freezing on the night of Sept. 12, but this did not appear to cause any damage. Plants at this location were tall and leaning uniformly, but they were not heavily lodged, which made harvest easy. Seed sizes were recorded at nearly 2,300 seeds per pound. This site produced an average of 63.7 bu. per acre in the early-season test and an average of 61.4 bu. per acre in the full-season test.

**Hartley**—This site was planted on May 14 and stayed dry until June 1, when it received a 1.5" rain. Three big rainstorms in June brought 3.67" on June 14, 2.44" on June 16 and 2.61" on June 17. Much of July was dry, and periodic rains during August kept this crop going. Cooler-than-average weather from late June through September slowed the development of the crop a little bit this year. Aphids began to establish

near R5 but were sprayed by airplane. Plants appeared healthy all year long. Temperatures approached freezing on the night of Sept. 12. A Sept. 19 storm brought hail to the area. The surrounding field was rated as 27% yield loss. This location produced an average of 53.9 bu. per acre in the early-season test and 51.5 bu. per acre in the full-season test.

**Hull**—This location was planted on May 15 into no-till corn residue on a well-drained area of the field. Rainfall for the month of June was 7.7" over the 30-year average for this area. The plants were very tall with a lot of growth that favored a white mold outbreak throughout the test area. There was a distinct separation in yield among varieties, which was related to how well they handled the high white mold pressure. A low temperature of 31°F was recorded on the early morning of Sept. 13, which damaged the top 6" to 8" of plants that were not fully matured.



FIRST soybean plots at Iowa Lakes Community College near Emmetsburg, Iowa were planted in 15" rows. At all testing sites, plots (a.k.a.

mini-strips) are planted in 45' lengths and replicated 3 times. Replication allows for more accurate data in case of field or weather factors.

# FIRST Iowa Northwest Soybean Results



Corey Rozenboom, FIRST Manager

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Albert City	loam	minimum	15	5/17	151.3	n/a	6.29
Galva	silty clay loam	minimum	15	5/15	153.4	n/a	10.98
Hartley	silty clay loam	minimum	15	5/14	154.7	n/a	3.28
Hull	silty clay loam	minimum	15	5/15	144.2	n/a	4.73

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

## 2.1-2.4 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)	Albert City	Galva	Hartley	Hull
Channel	2108R2	RR2Y	2.1	R	ACi	<b>63.4</b>	13.0	3	558	<b>64.9</b>	<b>68.5</b>	<b>61.3</b>	<b>58.7</b>
Kruger	K2-2103	RR2Y	2.1	R	ACi	<b>62.6</b>	12.7	3	551	<b>65.6</b>	<b>67.7</b>	<b>59.2</b>	<b>57.9</b>
Renk	RS213NR2	RR2Y	2.1	R	CMB	<b>62.5</b>	12.6	3	550	<b>65.7</b>	<b>67.5</b>	56.3	<b>60.3</b>
Federal	F205NRR2Y	RR2Y	2.0	R	CCB	<b>61.9</b>	12.2	3	545	61.5	<b>67.9</b>	<b>58.9</b>	<b>59.3</b>
Channel	2306R2	RR2Y	2.3	R	ACi	<b>61.2</b>	12.2	3	539	59.8	<b>68.0</b>	57.0	<b>60.0</b>
Channel	2105R2	RR2Y	2.1	MR	ACi	<b>61.1</b>	12.8	3	538	<b>62.0</b>	<b>67.2</b>	56.8	<b>58.2</b>
Titan Pro	22M12	RR2Y	2.2	R	CCB	<b>60.5</b>	12.1	3	532	59.3	<b>67.7</b>	53.6	<b>61.4</b>
LG Seeds	C2441R2	RR2Y	2.4	R	AC,PV	<b>60.2</b>	12.2	3	530	61.3	<b>64.7</b>	<b>58.2</b>	<b>56.5</b>
Dairyland	DSR-2411/R2Y	RR2Y	2.4	S	CMB	<b>60.0</b>	12.5	3	528	<b>62.7</b>	66.8	57.9	52.6
SOI	2430RR2Y	RR2Y	2.4	S	None	<b>59.9</b>	12.0	3	527	61.2	65.9	56.7	<b>55.9</b>
Pioneer	P22T69R §	RR	2.2	R	EE,G	<b>59.8</b>	11.3	3	526	58.8	63.8	<b>59.0</b>	<b>57.5</b>
Latham	L2128R2	RR2Y	2.1	R	CCB	59.6	12.6	3	524	58.5	66.1	58.0	<b>55.6</b>
Champion	242R	RR2Y	2.4	S	CCB	59.1	12.1	3	520	<b>62.1</b>	<b>68.8</b>	56.5	48.9
Hefty	H20Y12	RR2Y	2.0	MR	DST	59.0	11.8	3	519	59.5	63.2	53.4	<b>59.7</b>
Dyna-Gro	S24RY65	RR2Y	2.4	R	CMBV	58.7	12.4	3	517	59.3	64.2	56.3	55.0
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	58.6	13.2	6	515	61.3	63.8	52.6	<b>56.7</b>
Renze	24R25R2cn	RR2Y	2.4	R	CMB	58.1	12.1	3	511	60.2	63.0	57.2	51.9
Hefty	H21Y11	RR2Y	2.1	R	DST	57.6	12.4	3	507	57.9	63.2	55.0	54.3
Champion	21R34N	RR2Y	2.1	MR	CMBV	57.1	11.5	3	502	56.6	<b>67.2</b>	57.5	46.9
Federal	F235NRR2Y	RR2Y	2.3	R	CCB	56.6	11.7	5	498	58.1	63.8	51.8	52.6
Croplan	R2T2501 CK	RR2Y	2.4	R	None	56.2	13.0	4	495	60.3	62.2	55.5	46.9
<b>Site Averages =</b>			<b>56.7</b>	<b>12.4</b>	<b>3</b>	<b>499</b>	<b>58.3</b>	<b>63.7</b>	<b>53.9</b>	<b>50.8</b>			
LSD (0.10) =			3.1	0.7	2					3.5	3.4	4.2	4.5

## 2.5-2.8 Maturity Group

Top 20 of 36 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Albert City	Galva	Hartley	Hull
Titan Pro	25M22	RR2Y	2.5	R	CCB	<b>59.6</b>	12.2	5	524	<b>61.9</b>	<b>65.9</b>	<b>57.7</b>	52.8
Latham	L2758R2	RR2Y	2.7	R	CCB	<b>59.5</b>	12.5	3	524	58.6	64.1	<b>57.4</b>	<b>58.0</b>
Latham	L2645R2	RR2Y	2.6	S	CCB	<b>59.3</b>	12.7	3	522	<b>61.8</b>	<b>66.2</b>	<b>56.8</b>	52.4
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CMBV	<b>58.7</b>	12.8	4	517	<b>61.7</b>	<b>65.7</b>	<b>57.2</b>	50.3
Pioneer	92Y74 §	RR	2.7	R	EE,G	<b>58.6</b>	12.4	3	516	56.7	64.1	55.2	<b>58.2</b>
Channel	2508R2	RR2Y	2.5	R	ACi	<b>58.6</b>	12.2	5	516	59.3	60.6	55.0	<b>59.3</b>
Dyna-Gro	S25RY44	RR2Y	2.5	R	CMBV	<b>57.9</b>	11.9	5	510	58.6	63.8	55.4	<b>53.6</b>
Pioneer	92Y51 §	RR	2.5	R	EE,G	57.4	11.8	3	505	57.7	59.9	54.4	<b>57.4</b>
Asgrow	AG2733 §	RR2Y	2.7	MR	ACi	56.3	12.1	3	495	58.3	<b>65.5</b>	54.9	46.4
Champion	26R83N	RR2Y	2.6	MR	CMBV	56.3	13.2	4	495	58.6	60.3	55.0	51.2
Prairie Brand	PB-2556R2	RR2Y	2.5	R	CMBV	56.2	12.0	3	495	57.7	60.9	51.2	<b>55.0</b>
LG Seeds	C2534R2	RR2Y	2.5	R	AC,PV	56.1	12.6	3	494	56.8	63.6	52.0	52.0
Dairyland	DST26-005/R2Y	RR2Y	2.6	MR	CMB	55.8	12.5	3	491	<b>60.7</b>	64.0	53.6	45.0
Hefty	H25R5	RR2Y	2.5	MR	DST	55.0	12.8	3	484	56.3	62.1	54.5	46.9
Stine	26RD02 §	RR2Y	2.6	R	None	54.9	12.5	3	483	56.7	61.4	52.2	49.1
Latham	L2884R2	RR2Y	2.8	R	CCB	54.5	13.7	3	479	58.0	60.9	53.3	45.8
Latham	L2585R2	RR2Y	2.5	MR	CCB	54.5	13.2	10	479	56.7	64.2	52.9	44.3
Pfister	26R29	RR2Y	2.6	R	CCB	54.2	13.8	3	476	58.6	59.0	52.1	47.1
Kruger	K2-2503	RR2Y	2.5	R	ACi	54.1	12.6	3	476	55.1	60.8	52.8	47.8
Titan Pro	TP-27R54	RR2Y	2.7	R	CCB	54.0	12.0	3	475	55.1	61.1	50.7	49.0
Croplan	R2T2501 CK	RR2Y	2.4	R	None	57.6	12.5	4	507	<b>60.7</b>	<b>62.7</b>	<b>57.2</b>	49.8
<b>Site Averages =</b>			<b>54.5</b>	<b>13.4</b>	<b>4</b>	<b>479</b>	<b>57.0</b>	<b>61.4</b>	<b>51.5</b>	<b>48.3</b>			
LSD (0.10) =			3.3	1.2	3					3.3	3.6	4.4	4.6

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

## Soybean Field Notes: Iowa North Central

### Soybean Stats:

Yield Range: 44.7-58.1

Yield Average: 52.0

Top \$ Per Acre: \$511.00

**Iowa Falls**—Wet early spring weather delayed planting at this site. Big June storms dumped 2.93" of rain on June 16, 1.89" on June 19 and 1.51" on June 29, among other smaller rains. This precipitation had helped to grow plants tall by the time I visited in July. There were a few aphids observed, and bacterial blight in the mid-canopy was increasing. Rainfall as of the end of September was nearly 11" over the 30-year average for this site. Extended periods of soil saturation appeared to affect plant vigor differently among varieties, as there were substantial and consistent differences in plant heights noted at harvest. This is believed to be due to early-season stunting. The temperature at this site approached freezing on the night of Sept. 12.

**Laurens**—This location got a later start to soybean planting because of some wet weather that delayed corn planting. Favorable conditions following planting allowed for excellent germination and final stands near 96%. There were some big rainstorms here, including 3.59" on June 14, 4.3" on June 16 and 1.24" on June 17. This site received almost 17" of rainfall during June alone! July turned very dry, leaving plants to survive on the moisture from June with just a sprinkle every couple of weeks to keep the crop going. Cooler-than-average temperatures persisted from the end of June through the middle of September. The temperature at this location

approached freezing on the night of Sept. 12. Pods were set close to the ground at harvest and plant heights were shorter than average.

**Moorland**—This site was planted into no-tilled corn on a well-drained area of the field. Final germination across the test area averaged 93%. While June rainfall was more than 6" above the 30-year average for the month, this site did not receive all of the extreme storms that other testing sites in this region had. July experienced a precipitation deficit of nearly 2.5" below the average for the month. Despite this, plants accessed enough moisture from June and an occasional July sprinkle to keep going. A visit at the end of July revealed very healthy plants with no diseases and only a few aphids noted. Cooler-than-average temperatures persisted from the end of June through the middle of September. Plants at this location were standing well at harvest.

**Shell Rock**—Wet early spring weather delayed planting at this no-till site. This location caught rain almost continuously during the last half of June. Some of the bigger storms dumped rains of 2.82" on June 16, 1" on June 19, and 1.14" on June 30. Not much rain fell here in July, and the month ended nearly 2.5" below normal. During a visit at the end of July, plant heights appeared a bit shorter than plants heights at other test sites across northern Iowa. As of the end of September, precipitation for this site was 4"

over the 30-year average. Pods were set very close to the ground but they did harvest well.



A Gleaner K2 combine, equipped with electronic weight and moisture gathering equipment, harvests a soybean plot at Clint Van Beek's farm in Hartley, Iowa.

# FIRST Iowa North Central Soybean Results



Corey Rozenboom, FIRST Manager

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Iowa Falls	loam	minimum	15	5/22	153.7	n/a	6.56
Laurens	loam	minimum	15	5/17	161.7	n/a	4.84
Moorland	loam	minimum	15	5/16	152.9	n/a	8.18
Shell Rock	silt loam	minimum	15	5/21	147.3	n/a	4.60

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

## 2.1-2.4 Maturity Group

Top 20 of 48 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Iowa Falls	Laurens	Moorland	Shell Rock
FS Hisoy	HS 23A42	RR2Y	2.3	R	ACi	<b>58.1</b>	12.2	1	511	53.8	<b>57.1</b>	<b>69.1</b>	<b>52.2</b>
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	<b>57.9</b>	12.1	1	510	58.5	52.0	<b>65.3</b>	<b>55.8</b>
Kruger	K2-2103	RR2Y	2.1	R	ACi	<b>57.7</b>	12.2	1	508	<b>59.3</b>	<b>54.5</b>	<b>65.6</b>	51.5
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	<b>57.5</b>	12.1	1	506	58.5	50.0	<b>69.0</b>	<b>52.3</b>
LG Seeds	C2441R2	RR2Y	2.4	R	AC,PV	<b>57.5</b>	12.2	1	506	<b>60.7</b>	49.1	<b>67.2</b>	<b>52.8</b>
Dyna-Gro	S24RY65	RR2Y	2.4	R	CMBV	56.3	12.4	1	495	<b>60.2</b>	<b>56.8</b>	59.3	48.9
Titan Pro	TP-23R04	RR2Y	2.3	R	CCB	55.9	11.9	1	492	56.6	52.4	62.4	<b>52.1</b>
Prairie Brand	PB-2319R2	RR2Y	2.3	R	CMBV	55.8	11.9	1	491	56.0	53.0	63.1	51.0
Cornelius	CB21R24	RR2Y	2.1	R	CCB	55.8	12.1	1	491	56.4	53.2	<b>65.0</b>	48.7
Pioneer	P22T69R §	RR	2.2	R	EE,G	55.5	11.4	1	488	52.8	53.7	62.3	<b>53.3</b>
SOI	2486NRR2Y	RR2Y	2.4	R	None	54.8	12.5	1	482	53.3	53.3	62.7	49.9
Pfister	24R22	RR2Y	2.4	R	CCB	54.7	12.2	1	481	57.9	52.6	59.4	48.7
Cornelius	CB22R60	RR2Y	2.2	R	CCB	54.6	12.0	1	480	57.7	52.2	60.5	47.9
Renze	24R25R2cn	RR2Y	2.4	R	CMB	54.4	11.7	1	479	58.0	47.4	63.5	48.6
Stine	24RE03 §	RR2Y	2.4	MR	None	54.3	12.2	1	478	<b>62.1</b>	52.5	58.7	44.0
Cornelius	CB23R98	RR2Y	2.3	R	CCB	54.2	11.8	1	477	<b>58.6</b>	48.9	62.9	46.4
Dairyland	DST24-006/R2Y	RR2Y	2.4	R	CMB	53.7	12.2	1	473	<b>61.0</b>	49.8	58.3	45.5
Champion	23R85N	RR2Y	2.3	MR	CCB	53.5	12.1	1	471	<b>58.7</b>	50.8	57.7	46.8
Kruger	K2-2403	RR2Y	2.4	R	ACi	53.4	11.8	1	470	54.1	49.8	57.0	<b>52.6</b>
Dyna-Gro	S22RY64	RR2Y	2.2	MR	CMBV	53.4	12.0	1	470	52.6	51.4	61.5	48.2
Croplan	R2T2501 CK	RR2Y	2.4	R	None	50.1	12.4	1	441	46.1	52.1	57.2	45.1
<b>Site Averages =</b>			<b>53.1</b>	<b>12.1</b>	<b>1</b>	<b>467</b>	<b>53.9</b>	<b>50.5</b>	<b>59.2</b>	<b>48.6</b>			
LSD (0.10) =			3.9	0.4	ns		4.7	3.6	4.6	3.2			

## 2.5-2.8 Maturity Group

Top 20 of 42 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Iowa Falls	Laurens	Moorland	Shell Rock
Steyer	2805R2	RR2Y	2.8	MR	CMBV	<b>55.7</b>	12.5	1	490	<b>57.3</b>	<b>59.4</b>	59.3	<b>46.6</b>
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB	<b>55.2</b>	12.9	1	486	<b>56.3</b>	<b>58.5</b>	<b>63.4</b>	42.7
Dyna-Gro	S26RS75	RR2Y,ST	2.6	R	CMBV	<b>55.1</b>	12.8	1	485	<b>57.7</b>	57.4	<b>61.5</b>	43.6
FS Hisoy	HS 25A42	RR2Y	2.5	R	ACi	<b>54.9</b>	12.1	1	483	<b>56.8</b>	52.9	<b>65.6</b>	44.1
Latham	L2645R2	RR2Y	2.6	S	CCB	54.8	12.7	1	482	<b>57.8</b>	56.9	<b>60.9</b>	43.7
Cornelius	CB28R58	RR2Y	2.8	R	CCB	54.4	12.6	1	479	54.7	57.6	58.7	<b>46.7</b>
LG Seeds	C2534R2	RR2Y	2.5	R	AC,PV	53.8	11.9	1	473	<b>60.7</b>	<b>57.9</b>	51.2	45.3
Latham	L2758R2	RR2Y	2.7	R	CCB	53.7	12.2	1	473	52.9	57.4	60.0	44.4
Steyer	2503R2	RR2Y,ST	2.5	MR	CMBV	53.7	12.8	1	473	<b>59.0</b>	54.3	<b>61.9</b>	39.4
Dairyland	DST26-005/R2Y	RR2Y	2.6	MR	CMB	53.4	12.3	1	470	<b>55.6</b>	53.3	59.2	<b>45.5</b>
Latham	L2884R2	RR2Y	2.8	R	CCB	53.4	12.6	1	470	52.4	54.8	<b>62.9</b>	43.3
NK Brand	S27-J7 §	RR2Y	2.7	R	CCB	53.3	13.3	1	469	53.5	<b>62.7</b>	56.3	40.5
Titan Pro	25M22	RR2Y	2.5	R	CCB	53.2	12.0	1	468	51.3	57.2	58.1	<b>46.2</b>
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CMBV	53.0	12.7	1	466	51.2	56.6	60.0	44.3
Kruger	K2-2503	RR2Y	2.5	R	ACi	52.7	12.1	1	464	51.8	57.7	60.4	41.0
Cornelius	CB26R30	RR2Y	2.6	S	CCB	52.7	12.4	1	464	55.4	54.6	<b>63.1</b>	37.8
Stine	26RD02 §	RR2Y	2.6	R	None	52.5	12.2	1	462	51.4	<b>58.1</b>	<b>61.0</b>	39.4
Pioneer	92Y51 §	RR	2.5	R	EE,G	51.4	12.1	1	452	51.4	51.1	57.6	<b>45.5</b>
FS Hisoy	HS 28A02	RR2Y	2.8	R	CMBV	51.4	12.7	1	452	<b>58.5</b>	48.9	58.8	39.5
Kruger	K2-2805	RR2Y	2.8	R	ACi	51.4	14.4	1	451	55.1	50.6	56.4	43.4
Croplan	R2T2501 CK	RR2Y	2.4	R	None	50.1	12.4	1	441	46.8	52.4	58.4	42.9
<b>Site Averages =</b>			<b>50.9</b>	<b>12.5</b>	<b>1</b>	<b>447</b>	<b>51.2</b>	<b>53.6</b>	<b>56.3</b>	<b>42.4</b>			
LSD (0.10) =			4.0	0.9	0		4.4	4.3	4.2	3.0			

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

## Soybean Field Notes: Iowa South Central

### Soybean Stats:

Yield Range: 39.7-61.1

Yield Average: 51.7

Top \$ Per Acre: \$550.00

**Anamosa**—This site was planted on May 23 and struggled through the early vegetative growth stages with heavy rains in June. Mid to late summer was cool and dry, but brief, critically timed showers helped to lift the fair yields observed here. The average yield was 52.3 bu. per acre in the early-season test and 53.6 bu. per acre in the full-season test. FIRST farmer member Jim Baker believes soybean yields are down from normal by 10 to 15 bu. per acre. The test site was weed free with limited disease pressure. Plants were well matured at harvest and pods contained small seeds.

**Slater**—This site was under stress all year long and yields reflect that. It averaged only 29.9 bu. per acre in the early-season test and increased slightly to only 32.5 bu. per acre in the full-season test. The yields reported here are not representative of areas where water could run off the field quickly. Stand counts were taken before heavy rains created ponding on areas of this site, lowering populations below that which is recorded here. Plants held very small pods that contained very small seeds. Intense weed pressure reduced yield in the third replication, which has been eliminated from both tests. Saturated soil in this area made harvest difficult. FIRST farmer member Jason Kraus stated that he has never seen soils saturated this badly at harvest, which makes harvest difficult. Getting equipment into the field was problematic.

**Victor**—The Victor location was planted on May 22 to a moderately drained site. During June, this site received nearly 14" of rain. A single rainfall event produced 7" of that total, which caused ponding along one side of the tests. Soybean populations were reduced and yields were inconsistent in this area. Fortunately, these results were confined to just one replication and could be removed from the summary to improve data quality. Overall, soybean pods were small and contained small seeds. There were no weed escapes or disease problems noted here this year. Plants were well matured with very few green stems, which made for an easy harvest. The average yield was 54.6 bu. per acre in the early-season test, which

increased slightly to 59.1 bu. per acre in the full-season test.

**Yale**—This site was in the right spot to have very good drainage, considering all of the heavy rains in the area. Some of the plants were up to 44" in height. They were full of pods that contained small seeds. This location received 1" of rain just two days before harvest. Fortunately, warm temperatures of around 70°F coupled with a light wind dried the plants out and made the harvest pretty easy. No weed pressure or any evidence of disease was seen. Soil in this area is saturated, which has been creating harvest problems. The yields from these tests averaged 52.3 bu. per acre in the early-season test and 53.6 bu. per acre in the full-season test.



A hail storm walloped soybeans at this IASC test site in Oakland, Iowa. Only soybean stems approximately 1" tall remain. The arrows in the photo identify the soybean rows. This test site was a total loss.

# FIRST Iowa South Central Soybean Results



Randy Meinsma, FIRST Manager

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Anamosa	loam	minimum	15	5/23	156.8	n/a	5.04
Slater	clay loam	minimum	15	5/24	160.5	n/a	7.09
Victor	silt loam	no-till	15	5/22	148.3	n/a	8.57
Yale	loam	minimum	15	5/22	159.8	n/a	12.78

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

## 2.4-2.7 Maturity Group

Top 20 of 48 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Anamosa	Slater‡	Victor‡	Yale
NK Brand	S26-P3 GC	RR2Y	2.6	MR	CCB	<b>57.0</b>	12.1	8	513	57.3	<b>41.3</b>	<b>63.9</b>	65.6
LG Seeds	C2441R2 GC	RR2Y	2.4	R	AC,PV	55.4	12.5	5	499	54.8	29.5	<b>62.9</b>	<b>74.4</b>
Steyer	2503R2	RR2Y,ST	2.5	MR	CMBV	55.2	12.3	3	497	<b>61.4</b>	25.7	<b>66.7</b>	67.0
NK Brand	S27-J7 §	RR2Y	2.7	R	CCB	55.2	12.5	15	497	53.9	38.9	59.8	68.2
Dyna-Gro	S26RS75	RR2Y,ST	2.6	R	CMBV	54.5	12.4	2	491	<b>62.7</b>	32.9	<b>64.0</b>	58.2
Steyer	2604R2	RR2Y	2.6	S	CMBV	53.7	12.8	5	483	54.5	22.9	<b>63.9</b>	<b>73.3</b>
Dairyland	DST24-006/R2Y	RR2Y	2.4	R	CMB	53.4	12.8	20	481	55.4	37.2	60.3	60.7
Stine	24RE03 GC	RR2Y	2.4	MR	None	53.2	12.1	16	479	50.4	35.9	58.2	68.4
Pfister	26R29	RR2Y	2.6	R	CCB	52.9	11.4	2	476	50.8	37.2	54.6	69.0
Pioneer	P25T51R §	RR	2.5	R	EE,G	52.6	12.0	6	473	52.9	26.7	58.8	<b>71.9</b>
Titan Pro	25M22	RR2Y	2.5	R	CCB	52.2	11.5	6	470	54.8	34.3	51.9	67.6
LG Seeds	C2744R2	RR2Y	2.7	R	AC,PV	52.2	13.8	17	469	55.7	37.7	51.5	63.8
Channel	2706R2	RR2Y	2.7	MR	ACi	51.9	11.6	4	467	49.7	<b>43.8</b>	49.9	64.0
Kruger	K2-2403	RR2Y	2.4	R	ACi	51.7	11.7	6	465	50.5	33.3	57.8	65.2
Champion	26R83N	RR2Y	2.6	MR	CMBV	51.7	11.9	10	465	51.5	34.1	55.8	65.3
Titan Pro	TP-27R54	RR2Y	2.7	R	CCB	51.7	11.9	12	465	54.5	32.7	53.4	66.2
Asgrow	AG2632 §	RR2Y	2.6	MR	ACi	51.6	12.0	4	464	52.9	34.7	59.6	59.1
Cornelius	CB26R30	RR2Y	2.6	S	CCB	51.3	11.8	4	462	52.6	21.1	62.3	69.1
Pioneer	P24T05R GC	RR	2.4	R	EE,G	51.1	12.1	2	460	56.9	32.5	57.6	57.4
Dairyland	DST26-005/R2Y	RR2Y	2.6	MR	CMB	51.1	11.9	4	460	<b>58.8</b>	28.5	54.9	62.3
Pioneer	92Y74 CK	RR	2.7	R	EE,G	46.8	12.1	3	421	52.8	26.7	47.5	60.1
<b>Site Averages =</b>			<b>49.9</b>	<b>12.2</b>	<b>8</b>	<b>450</b>	<b>52.3</b>	<b>29.9</b>	<b>54.6</b>	<b>62.9</b>			
LSD (0.10) =			6.4	1.3	9		5.6	9.1	7.8	7.7			

## 2.8-3.1 Maturity Group

Top 20 of 48 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Anamosa	Slater‡	Victor‡	Yale
Steyer	2805R2	RR2Y	2.8	MR	CMBV	<b>61.1</b>	11.7	5	550	54.6	39.0	<b>69.2</b>	<b>81.7</b>
FS Hisoy	HS 28A42	RR2Y	2.8	R	ACi	<b>59.8</b>	11.8	5	538	54.9	34.9	<b>69.9</b>	<b>79.6</b>
Cornelius	CB28R58	RR2Y	2.8	R	CCB	<b>59.4</b>	12.6	2	535	56.7	30.9	<b>71.4</b>	<b>78.6</b>
Titan Pro	TP-31R13	RR2Y	3.1	R	CCB	58.9	12.2	8	530	56.8	<b>42.7</b>	66.8	69.2
Asgrow	AG2933 §	RR2Y	2.9	R	ACi	58.5	12.9	4	527	58.3	38.3	<b>69.0</b>	68.2
Kruger	K2-2805	RR2Y	2.8	R	ACi	57.9	12.2	10	521	56.5	32.9	63.7	<b>78.6</b>
FS Hisoy	HS 31A32	RR2Y	3.1	R	CMBV	57.7	12.0	3	519	58.9	<b>40.1</b>	59.8	72.0
Cornelius	CB30R15	RR2Y	3.0	R	CCB	57.7	12.7	7	519	57.5	<b>40.9</b>	59.8	72.5
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	57.5	11.9	7	518	53.2	28.7	<b>72.1</b>	<b>75.8</b>
Kruger	K2-2905	RR2Y	2.9	MR	ACi	57.5	12.4	19	518	58.7	<b>43.1</b>	57.2	71.0
Renze	30R05R2cn	RR2Y	3.0	R	CMB	56.7	11.8	1	510	56.3	31.9	62.8	<b>75.6</b>
Dairyland	DSR-3040/R2Y	RR2Y	3.0	R	CMB	56.2	11.9	5	506	52.9	<b>40.8</b>	59.2	71.9
Stine	30RE02 §	RR2Y	3.0	R	None	56.0	11.9	7	504	52.9	32.0	<b>73.6</b>	65.3
Pfister	30R25	RR2Y	3.0	R	CCB	55.8	12.3	2	502	<b>61.3</b>	38.2	60.9	62.9
Pioneer	P28T33R §	RR	2.8	R	EE,G	55.7	11.8	2	501	54.6	<b>40.5</b>	59.5	68.0
NK Brand	S28-A2 GC	RR2Y	2.8	R	CCB	55.7	12.4	14	501	53.2	34.8	66.3	68.6
Prairie Brand	PB-3124R2 GC	RR2Y	3.1	R	CMBV	55.6	11.8	4	500	55.3	36.1	64.5	66.6
Champion	28R35N	RR2Y	2.8	MR	CCB	55.3	11.6	4	498	54.2	<b>39.6</b>	61.6	65.9
Steyer	3103R2	RR2Y	3.1	MR	CMBV	54.7	11.8	3	492	55.0	38.2	60.9	64.7
Cornelius	CB31R64	RR2Y	3.1	R	CCB	54.7	12.0	7	492	54.1	<b>41.2</b>	55.7	67.9
Pioneer	92Y74 CK	RR	2.7	R	EE,G	48.6	12.9	2	437	51.3	23.9	56.0	63.0
<b>Site Averages =</b>			<b>53.5</b>	<b>12.1</b>	<b>7</b>	<b>482</b>	<b>53.6</b>	<b>32.5</b>	<b>59.1</b>	<b>68.8</b>			
LSD (0.10) =			5.8	1.0	8		5.5	6.6	9.1	5.6			

Results in **bold** are significantly above test average. ‡ = 2 replications, early- and full-season tests

# FIRST Iowa South Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Oakland	silty clay loam	no-till	15	5/21	n/a	n/a	9.84
Oskaloosa	silt loam	no-till	15	5/17	154.1	n/a	6.43
Washington	silty clay loam	no-till	15	5/17	136.6	n/a	5.70
Winterset	silty clay loam	no-till	15	5/21	163.4	n/a	11.97

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



Randy Meinsma, FIRST Manager

### Soybean Stats:

Yield Range: 58.5-75.5

Yield Average: 69.3

Top \$ Per Acre: \$672.00

## Soybean Field Notes: Iowa South

**Oakland**—On June 3 this site was hit with an EF2 tornado and a large amount of hail. The soybean test was totally devastated, as shown in the photo on page 40. The arrows identify soybean rows. Only an inch of stem was visible above the soil. There was not enough remnant seed for all varieties to allow us to replant this site, and yield results would not have been reliable from any plants that recovered.

**Oskaloosa**—This site delivered a very strong test. Plants were 36" or more in height, loaded with an abundant number of pods that contained three soybeans per pod. The taller plants had lodging problems and green stems, however,

which made harvest difficult. Grain moistures were higher in the lodged areas. The test was located on well-drained soil, which was essential this year, considering all of the rain that fell in the area. No weed or disease problems were seen.

**Washington**—This site was planted on May 17 and performed well, considering the conditions it was dealt. Cool temperatures and limited rainfall during the crucial pod-fill period limited maximum yield potential. The average yield from this test was 54.4 bu. per acre. The site had good weed control and appeared to be disease free. Plants held small pods containing small seed. Harvest was

easy, as plants were well matured and did not have green stems.

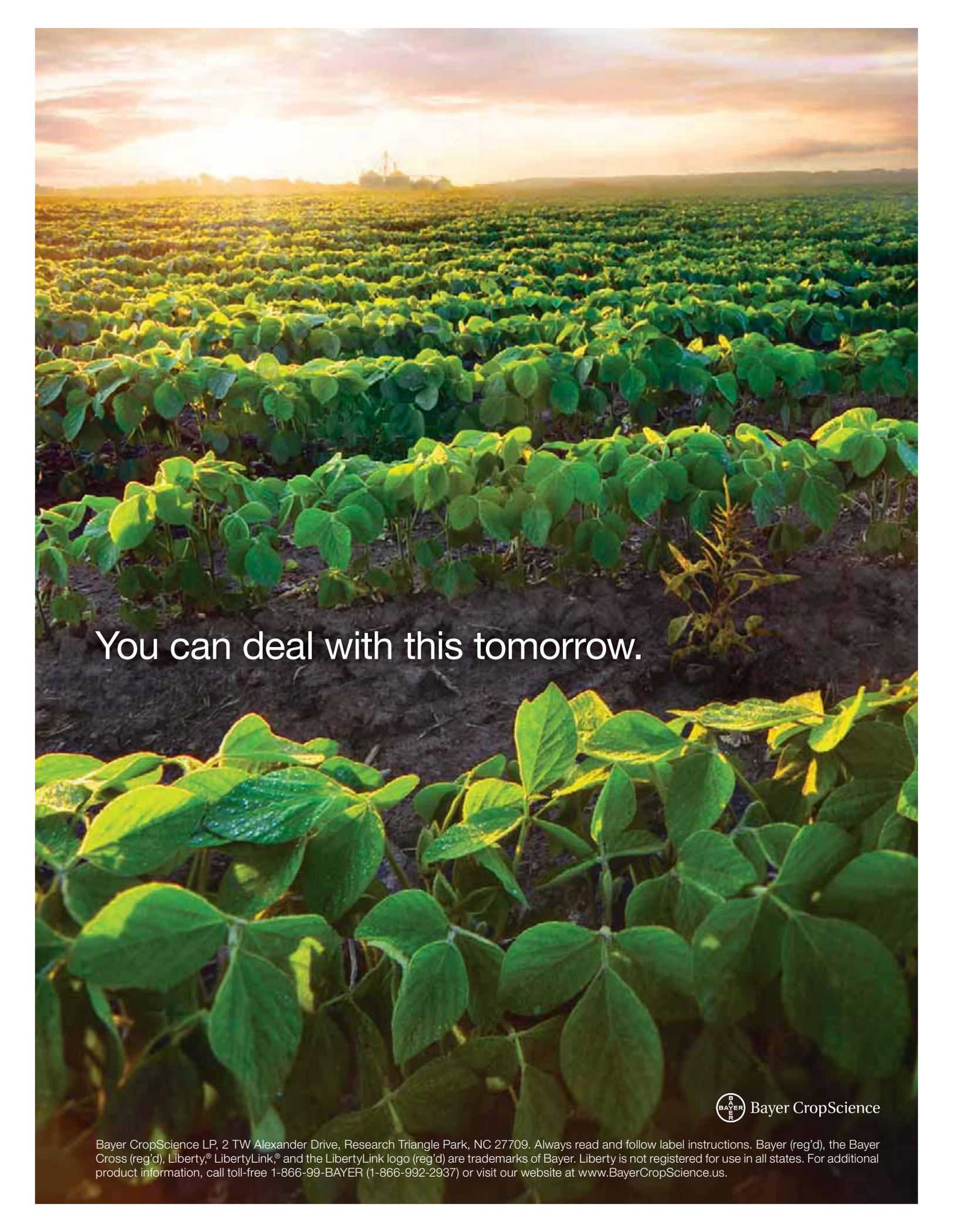
**Winterset**—FIRST farmer member Mike Erdman's site delivered outstanding soybean results this season. The tile drainage in this field was key to this success, as most local fields suffered from saturated soil because of the above-normal rainfall received this year. Plants were healthy all season. At harvest, plants stood 44" in height on average with no lodging. Stems were loaded with full pods and large seeds from top to bottom. A few green stems were observed, but pods were dry, making harvest easy. No weed pressure or diseases were observed.

### 2.6-3.6 Maturity Group

Top 20 of 60 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Oakland	Oskaloosa	Washington	Winterset
FS Hisoy	HS 28A42	RR2Y	2.8	R	ACi	75.5	11.4	16	672				
Renze	30R05R2cn	RR2Y	3.0	R	CMB	75.2	11.5	17	669		88.1	55.2	83.2
Pfister	29R25	RR2Y	2.9	R	CCB	75.1	11.7	15	668		84.6	61.8	78.6
Dyna-Gro	S36RY24	RR2Y	3.6	R	CMBV	74.0	12.8	13	659		84.8	57.6	80.5
Pioneer	P35T58R §	RR	3.5	R	EE,G	73.9	12.3	25	658		84.0	57.0	79.9
Kruger	K2-3402	RR2Y	3.4	R	ACi	73.6	13.1	14	655		84.9	61.6	75.7
Renk	RS314NR2	RR2Y	3.1	R	CMB	73.4	11.9	12	653		86.0	52.3	81.9
Renze	36R34R2cn	RR2Y	3.6	R	CMB	73.0	13.0	12	650		83.3	60.6	75.2
FS Hisoy	HS 33A32	RR2Y	3.3	R	CMBV	73.0	12.9	18	650		84.9	54.0	80.1
Kruger	K2-2805	RR2Y	2.8	R	ACi	72.9	11.7	15	649		84.9	57.9	76.0
Prairie Brand	PB-3292R2	RR2Y	3.1	R	CMBV	72.7	11.9	15	647		89.4	49.8	78.8
NK Brand	S34-Z1 §	RR2Y	3.4	R	CCB	72.6	12.1	22	646		83.3	63.1	71.5
NK Brand	S35-A5 §	RR2Y	3.5	R	CCB	72.1	12.6	14	642		75.0	63.2	78.0
LG Seeds	C3070R2	RR2Y	3.0	R	AC,PV	72.1	11.8	19	642		80.7	55.9	79.6
Asgrow	AG2933 §	RR2Y	2.9	R	ACi	71.9	11.8	13	640		84.2	52.4	79.2
Pfister	33R28	RR2Y	3.3	R	CCB	71.4	12.3	12	635		83.9	52.6	77.7
Pfister	30R25	RR2Y	3.0	R	CCB	71.2	11.7	10	634		84.9	57.9	70.9
Pfister	34R20	RR2Y	3.4	R	CCB	71.2	13.0	13	634		80.0	59.5	74.2
FS Hisoy	HS 31A32	RR2Y	3.1	R	CMBV	70.9	11.7	16	631		77.5	58.6	76.6
Pioneer	P34T07R2 §	RR2Y	3.4	MR	EE,G	70.8	12.2	14	630		80.8	54.3	77.4
<b>Site Averages =</b>			<b>69.3</b>	<b>12.0</b>	<b>17</b>	<b>617</b>				<b>78.5</b>	<b>54.4</b>	<b>75.1</b>	
LSD (0.10) =			7.2	1.1	9					7.7	5.4	4.7	

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.

 Bayer CropScience

Bayer CropScience LP, 2 TW Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer (reg'd), the Bayer Cross (reg'd), Liberty, LibertyLink, and the LibertyLink logo (reg'd) are trademarks of Bayer. Liberty is not registered for use in all states. For additional product information, call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us).

# FIRST Missouri Northwest Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Blue Ridge	silt loam	no-till	15	5/20	159.5	n/a	11.00
Graham	silty clay loam	no-till	15	5/20	148.7	n/a	14.22
Hopkins	silty clay loam	minimum	15	5/20	166.5	n/a	16.87
Jamesport*	silt loam	minimum	15	5/28	150.0	n/a	13.75

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



Randy Meinsma, FIRST Manager

### Soybean Stats:

Yield Range: 58.4-77.9

Yield Average: 70.9

Top \$ Per Acre: \$733.00

## Soybean Field Notes: Missouri Northwest

**Blue Ridge**—The test on this site was well matured at harvest. Plants were tall, making them vulnerable to lodging. There were no issues with weed control or major diseases. This area received the right amount of moisture exactly when needed. Plants were filled with pods from top to bottom. This area is seeing very good yields compared to previous years. FIRST farmer member Doug Taggart stated that the test area was not treated with fungicide and therefore lacked the 5-bu.-per-acre advantage seen in his other, treated fields.

**Graham**—This test on this site was located in a low area where water had ponded. Sudden death

syndrome could be seen in the upper portions of some plants. Seed size was small on these dry-stemmed plants. FIRST farmer member Tim Lance stated that in some fields, the pods were splitting open, dropping soybeans to the ground and reducing yields. Plants were tall, and lodging made harvest a challenge. Harvest was also delayed because of the saturated soil. The results from nearly half the test were rejected because of the ponding.

**Hopkins**—This site had a very nice test; tall plants were filled with pods and had large seeds. Some plants lodged because of the robust plant height. All plants

matured very well, with dry stems and pods that made harvest easy. No weed pressure or diseases were observed. The test location in the field was well drained, which helped deliver higher yields.

**Jamesport**—WOW, what a test!

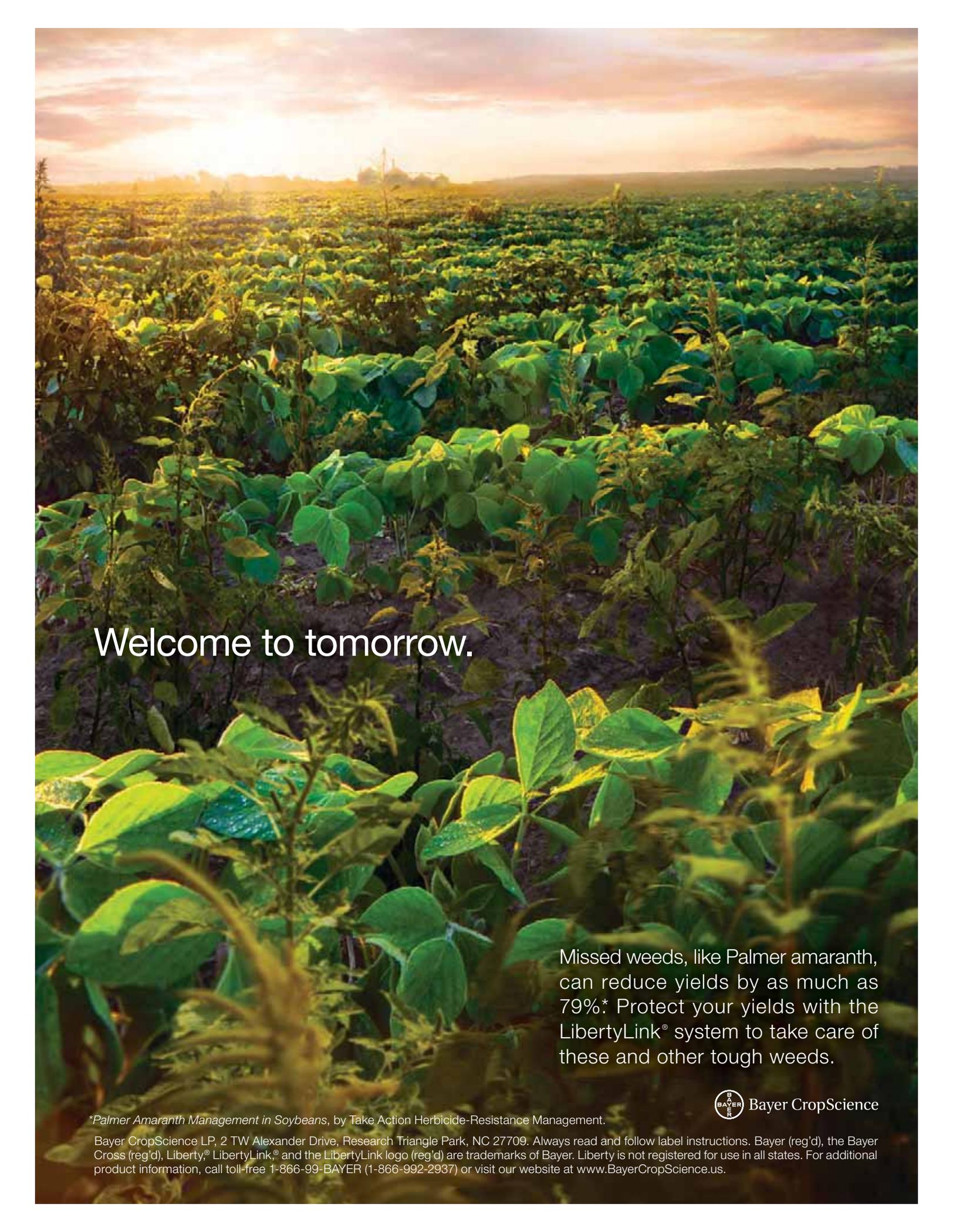
The soybeans just kept coming in the combine. Plants were very tall with large pods full of soybeans. Everything was perfect at this location this year, and the yields show it. FIRST farmer member Tim Flory was very happy with his yields. A very few varieties lodged because of their tall plant heights. Plants were well matured, which made harvest easy. This was a very clean, ideal situation here at Jamesport.

### 3.4-4.3 Maturity Group

Top 20 of 36 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Blue Ridge	Graham#	Hopkins	Jamesport
Stine	38RE02 \$	RR2Y	3.8	R	None	77.9	11.3	2	733	<b>75.5</b>	56.4	<b>76.6</b>	<b>81.6</b>
LG Seeds	C3989R2	RR2Y	3.9	R	AC,PV	77.0	11.2	7	725	<b>77.4</b>	61.4	76.5	77.0
Asgrow	AG3832 \$	RR2Y	3.8	R	ACi	75.5	11.2	1	710	<b>73.2</b>	54.8	68.9	<b>84.5</b>
Dyna-Gro	S35RY83 GC	RR2Y	3.5	R	CMBV	74.1	10.9	1	697	70.2	67.5	<b>78.0</b>	74.0
Pfister	43R29	RR2Y	4.3	R	CCB	73.5	11.1	1	692	71.1	63.9	70.9	78.4
Prairie Brand	PB-3699R2	RR2Y	3.6	R	CMBV	73.5	10.9	2	692	69.0	62.6	<b>77.0</b>	74.6
NK Brand	S39-U2 \$	RR2Y	3.9	R	CCB	73.4	10.9	17	691	<b>73.9</b>	61.3	69.5	76.8
Pfister	36R29	RR2Y	3.6	R	CCB	73.3	11.0	2	690	68.3	63.9	<b>77.1</b>	74.6
Mycogen	5N393R2	RR2Y	3.9	R	CCB	73.2	11.1	6	689	<b>72.5</b>	60.6	73.5	73.6
Pioneer	P34T07R2 \$	RR2Y	3.4	MR	EE,G	73.1	11.0	4	688	71.0	65.6	74.8	73.5
Dyna-Gro	S38RY84 GC	RR2Y	3.8	R	CMBV	73.0	10.9	21	687	<b>75.4</b>	53.5	68.5	75.1
Lewis	394R2	RR2Y	3.9	R	ACi	72.9	11.4	2	686	<b>73.7</b>	59.8	<b>78.8</b>	66.1
Lewis	423R2	RR2Y	4.2	R	ACi	72.3	11.1	8	680	69.8	67.9	70.6	76.4
NK Brand	S38-W4 \$	RR2Y	3.8	R	CCB	72.2	11.0	38	679	61.3	61.6	<b>80.7</b>	74.5
Pioneer	P32T25R2 \$	RR2Y	3.2	MR	EE,G	71.8	10.9	1	676	67.4	<b>74.2</b>	76.4	71.7
Asgrow	AG4034 \$	RR2Y	4.0	MR	ACi	71.7	11.4	1	675	67.2	56.8	74.9	73.1
Mycogen	5N431R2	RR2Y	4.3	R	CCB	71.6	11.1	3	674	71.5	56.5	67.6	75.6
Titan Pro	TP-34R34	RR2Y	3.4	R	CCB	71.5	11.2	13	673	68.2	57.2	72.7	73.7
Dyna-Gro	S36RY24 GC	RR2Y	3.6	R	CMBV	70.9	11.3	3	667	65.8	60.1	68.0	78.9
Pfister	38R28	RR2Y	3.8	R	CCB	70.8	10.9	2	666	60.1	63.0	<b>77.5</b>	74.7
<b>Site Averages =</b>			<b>70.9</b>	<b>11.1</b>	<b>11</b>	<b>667</b>	<b>66.5</b>	<b>60.4</b>	<b>71.3</b>	<b>74.9</b>			
LSD (0.10) =			7.6	0.1	16	6.0	10.9	5.3	4.1				

Results in **bold** are significantly above test average. # = rejected results, not in summary



Welcome to tomorrow.

Missed weeds, like Palmer amaranth, can reduce yields by as much as 79%\*. Protect your yields with the LibertyLink® system to take care of these and other tough weeds.



Bayer CropScience

*\*Palmer Amaranth Management in Soybeans, by Take Action Herbicide-Resistance Management.*

Bayer CropScience LP, 2 TW Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer (reg'd), the Bayer Cross (reg'd), Liberty®, LibertyLink®, and the LibertyLink logo (reg'd) are trademarks of Bayer. Liberty is not registered for use in all states. For additional product information, call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us).

# FIRST Missouri Northeast Soybean Results

## Site Information

Site	Soil Texture	Tillage	Row Width (in)	Planting Date	Stand	SCN Pop.	August Rain (in)
Greentop	silt loam	no-till	15	5/23	180.0	low	7.83
Kahoka	silt loam	conventional	15	5/23	170.0	low	6.66
Macon	silt loam	conventional	15	5/23	176.8	low	8.14
Palmyra	silt loam	no-till	15	5/23	159.8	low	7.69

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



Jason Beyers, FIRST Manager

### Soybean Stats:

Yield Range: 53.5-63.3

Yield Average: 59.4

Top \$ Per Acre: \$652.00

## Soybean Field Notes: Missouri Northeast

**Greentop**—This was an excellent uniform location. Plants started off great after their May 23 planting date, but a lack of rainfall in July really cut into the yield potential. Plants were all short, ranging from 16" to 24" tall. Based on the plant height, one would not have expected the yields that came in, but the plants podded pretty well. Seed size was small; they averaged roughly 3,300 seeds per pound. There was no evidence that disease affected the test.

**Kahoka**—Most varieties germinated really well at this location after their May 23 planting date. Rainfall was adequate for most of the season, except for a few

weeks in July. Even by the late harvest date, at least 50% of the varieties still had green stems. Harvest was delayed because of this and persistent rains in mid-October. Most of the lodging that was observed occurred because the plants were moderately tall and more than likely were weighed down with leaves earlier.

**Macon**—The test at this site was nice and uniform from start to finish. FIRST farmer member Don Hinkle commented that "all season they were never too wet, and we kept getting small showers that carried them through the season." His thoughts were that Missouri might have one of the

best corn and soybean years on record. There was no evidence of any disease, but 75% of the varieties still had green stems, making the combine work a little harder.

**Palmyra**—This site had a nice uniform test and looked good for most of the season. It was nice to see that soybeans in this area were yielding this well. Most of the varieties were standing well and were fairly easy to harvest; this location did not have as many green stems as some of the other locations here in northeast Missouri. I could not find any evidence of yield-impacting diseases. Seed size here was medium to large.

### 3.4-4.3 Maturity Group

Top 20 of 36 tested

Company/Brand	Product/Brand	Technology	Maturity	SCN Resistance	Seed Treatment	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Greentop	Kahoka	Macon	Palmyra
FS Hisoy	HS 33A32	RR2Y	3.3	R	CMBV	63.3	11.9	6	652	<b>51.6</b>	53.5	73.9	74.2
LG Seeds	C3989R2	RR2Y	3.9	R	AC,PV	62.9	11.8	8	648	45.5	60.2	<b>74.9</b>	70.9
Pfister	43R29	RR2Y	4.3	R	CCB	62.6	11.6	5	645	41.4	59.6	<b>78.0</b>	71.3
Asgrow	AG3832 §	RR2Y	3.8	R	ACi	62.2	11.7	4	641	45.2	61.4	73.8	68.5
Lewis	375R2	RR2Y	3.7	R	ACi	62.0	11.4	8	639	47.2	60.8	68.7	71.2
FS Hisoy	HS 37A42	RR2Y	3.7	R	ACi	61.8	11.6	7	637	46.5	<b>63.4</b>	67.1	70.1
FS Hisoy	HS 42A12	RR2Y	4.2	R	CMBV	61.7	11.5	10	636	42.5	55.3	<b>75.4</b>	73.6
Stine	37RC82 §	RR2Y,ST	3.7	R	None	61.4	11.7	8	632	42.7	59.0	70.8	73.1
NK Brand	S39-U2 §	RR2Y	3.9	R	CCB	61.1	11.7	10	629	39.6	<b>64.2</b>	70.4	70.3
Pfister	37R23	RR2Y	3.7	R	CCB	61.0	11.6	28	628	43.5	<b>63.3</b>	67.5	69.6
FS Hisoy	HS 36A42	RR2Y	3.6	R	ACi	60.8	11.5	8	626	<b>51.5</b>	54.5	65.7	71.3
Stine	38RE02 §	RR2Y	3.8	R	None	60.5	11.8	8	623	42.2	55.6	72.1	72.2
Pioneer	P35T58R §	RR	3.5	R	EE,G	60.4	11.8	10	622	42.0	<b>65.4</b>	70.1	64.2
LG Seeds	C3555R2 GC	RR2Y	3.5	R	AC,PV	60.4	11.8	11	622	44.7	58.3	67.6	70.9
FS Hisoy	HS 39A42	RR2Y	3.9	R	ACi	60.3	11.7	4	621	43.6	56.1	<b>75.1</b>	66.4
Pfister	39R29	RR2Y	3.9	R	CCB	59.9	11.6	3	617	39.7	57.0	72.7	70.3
Asgrow	AG4034 §	RR2Y	4.0	MR	ACi	59.9	11.8	7	617	47.2	54.8	66.9	70.6
Pfister	34R20	RR2Y	3.4	R	CCB	59.8	11.8	4	616	47.4	56.0	63.3	72.5
Pfister	36R29	RR2Y	3.6	R	CCB	59.8	11.6	9	616	<b>49.6</b>	53.2	68.4	68.0
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB	59.4	11.8	13	612	39.3	55.9	70.6	71.8
<b>Site Averages =</b>			<b>59.4</b>	<b>11.7</b>	<b>8</b>	<b>611</b>	<b>44.0</b>	<b>55.6</b>	<b>69.6</b>	<b>68.2</b>			
LSD (0.10) =			5.1	0.3	7	7	3.8	6.9	4.6	6.6			

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



# Liberty<sup>®</sup>

**LIBERTY  
LINK<sup>®</sup>** 

Liberty<sup>®</sup> today.  
Cleaner fields tomorrow.

With the LibertyLink<sup>®</sup> system, weeds are exposed to a different chemistry with a unique mode of action, letting you handle your toughest weeds while protecting your yield, your profit and the long-term success of your operation.

**Learn more at [BayerCropScience.us](http://BayerCropScience.us).**

**And now you can get up to \$14/acre back when you buy Liberty<sup>®</sup> and qualifying residuals with your LibertyLink soybean purchase. Talk to your retailer to find out more.**

 **Bayer CropScience**

Bayer CropScience LP, 2 TW Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer (reg'd), the Bayer Cross (reg'd), Liberty<sup>®</sup>, LibertyLink<sup>®</sup>, and the LibertyLink logo (reg'd) are trademarks of Bayer. Liberty is not registered for use in all states. For additional product information, call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us).



**LIBERTY  
LINK** 

**Liberty**

# High-performing Genetics + Excellent Weed Control

---

## Real Yield

In the real world, weeds interfere with high yields. The good news is we've got that covered with high-performing genetics coupled with better weed control than Roundup® on tough-to-control weeds for high yields that deliver.

See the real yield story at [BayerCropScience.us](http://BayerCropScience.us).



Bayer CropScience LP, 2 TW Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer (reg'd), the Bayer Cross (reg'd), Liberty, LibertyLink, and the LibertyLink logo (reg'd) are trademarks of Bayer. Roundup is a registered trademark of Monsanto. For additional product information, call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us).