

**first**  
farmer's independent  
research of seed  
technologies

# Program Directory

## 2019 Soybean





## **FIRST Works For You**

FIRST works for you the farmer...and you the seed salesman and you the agronomist. We apply our best efforts for you, the seed consultant and farm manager. We labor long hours for our seed sponsors. We are committed to working for all of you with one focused mission:



*To provide timely unbiased comparisons of innovative seed genetics to improve yield and profitability for American farmers.*

FIRST delivers actionable yield data so farmers can make better seed buying choices for their unique conditions. Our information products are also designed to help seedsmen and seed consultants match the best performing seed products with their customer's particular growing needs. We give agronomists a comparative tool in their toolbox that fills gaps in regions and growing conditions that their data may not cover. We give seed sponsors a strategic perspective on strengths and opportunities for growth under one consistent testing program across a contiguous geography covering most of the country's corn and soybean growing regions.

FIRST provides a fair and objective platform under a uniform standard to compare seed productivity under a multitude of soil and growing conditions across 16 states. We test over 1,700 seed products from over 70 seed companies across more than 30 distinct growing regions. We manage over 540 replicated tests on 341 farms so the corn and soybean industry can better match seed performance with particular growing conditions. We've been doing this work for 23 years.

Our data is designed to deliver different perspectives to meet different needs. FIRST produces three information products. Our *Program Directories* (for corn grain, soybean and silage) are an annual index of the seed products we test, the test sites we administer, and the people involved in our program. *Harvest Reports* document seed product performance at the field level. *Performance Summaries* compile all of the *Harvest Reports* within a multi-county corn or soybean region. All our information products can be found and downloaded in pdf format at [www.firstseedtests.com](http://www.firstseedtests.com).

Our work relies on a productive collaboration between cooperating farmers, sponsoring seed companies, our Field Managers and our network of publishing partners. Seed companies sponsor entries in the program, independent farmers provide the test site locations, our independent Field Managers administer the program, and our publishing partners help us disseminate our data to over 400,000 farmers.

We are grateful for the opportunity to be of service. We invite interested parties to visit [www.firstseedtests.com](http://www.firstseedtests.com) for more details. We look forward to continuing our longstanding and productive partnerships in the delivery of timely unbiased comparisons of innovative seed genetics to improve yield and profitability for American farmers.

## **About this Directory**

Welcome to the *Product Directory* of entries in the 2019 FIRST independent trials! Our sponsors have confidently entered this head-to-head comparison, and we would like all of our subscribers, cooperator members, and sponsor teams to keep an eye on these entries. Look for their performance in the *Harvest Reports* and *Performances Summaries* published throughout harvest 2019.

This year the *Product Directory* highlights products tested in 2018 that are being retested 2019. These products are noted in the "Region(s) Tested" column. Regions in **BOLD** denote products being retested and those highlighted in **BLUE** indicate retested products that performed significantly above average in our 2018 tests.

It was a tough planting season, yet our Field Managers have most of the planned sites up and growing. The Site Description section indicates what sites were planted and their plant dates. So check through the product listings, look for your favorites, and see what tests you will watch for when the results come out in #Harvest19.

## **FIRST Data for Entire Teams**

All FIRST information products can be downloaded in pdf format at [www.firstseedtests.com](http://www.firstseedtests.com) as they become available. Bulk subscriptions can be arranged in advance for entire teams (administration, sales, agronomy, dealers and even customers). Subscribers receive an email with a link shortly after reports are posted. This is the quickest way to insure that copies of our information products reach your team and your customers on a timely basis.

*Program Directories* (corn grain, soybean and silage), are typically available in August. *Harvest Reports* become available throughout the harvest season almost on a daily basis.

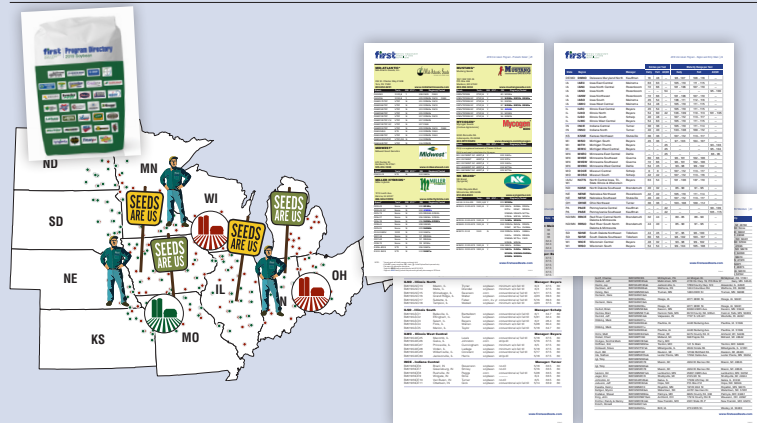
Advanced pdf copies of each *Performance Summary* will be available shortly after harvest is completed in each region (Northwest, West and East). These will be available approximately two weeks before the printed versions are finished and mailed to the public. **These advanced pdf copies will only available with subscriptions received by November 1.**

Personal printed copies of the *Performance Summaries* can be order at [www.firstseedtests.com](http://www.firstseedtests.com) for \$9.95 per copies with discounts available for 10+ copies.

Seed Sponsors can order bulk copies for customer or dealer distribution at special rates. These copies can be shipped directly from FIRST to your customers or dealers to expedite delivery. Seed Sponsors should contact George Amaya, Business Development Manager, at [george.amaya@firstseedtests.com](mailto:george.amaya@firstseedtests.com) to arrange bulk orders.

**All orders for printed copies are also due November 1.**

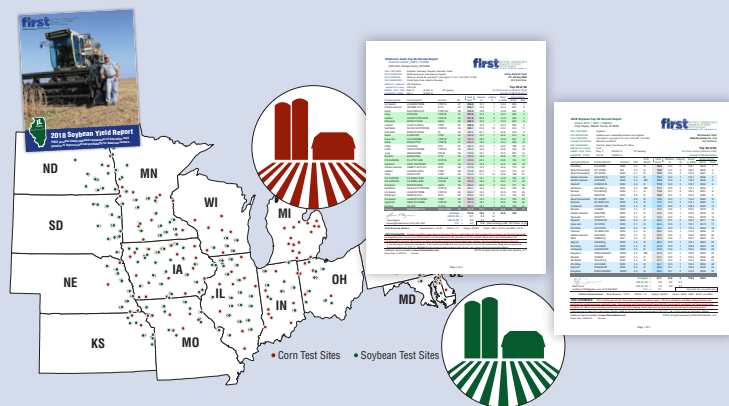
## FIRST's Information Products Offer Different Perspectives



**PRODUCT DIRECTORIES** are an index of the products being tested each year, organized by seed company. The Directories also include region and entry totals, test site descriptions, and contact information for our FIRST field managers and FIRST member growers. These are a preview of the current year's Testing Program. They also identify products tested in the previous year that are being retested. Products that did significantly above average the previous year are specifically noted.

Designed for

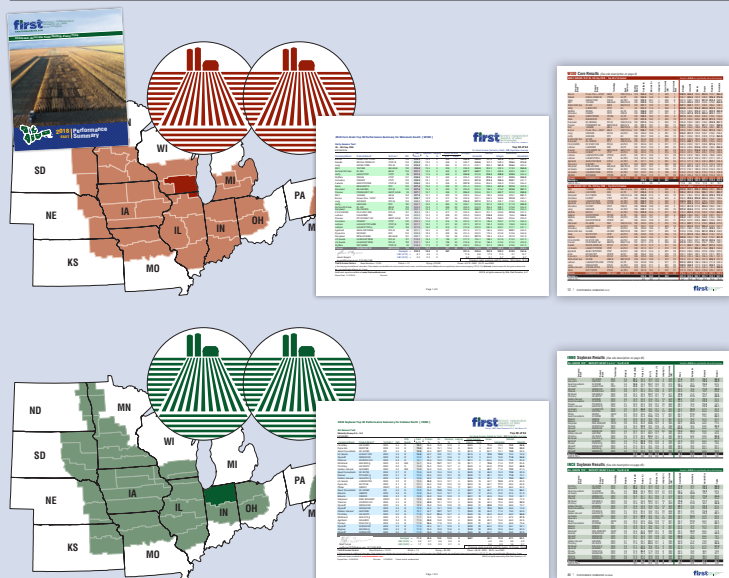
**Growers    Seed Dealers/Farm Mgr    Sales Mgmt**



**HARVEST REPORTS** are field-level results. Think of them as the farm next door. *Harvest Reports* register results from individual test sites in locations that are representative of specific areas. They are the results of replicated seed tests from farms participating in a FIRST corn or soybean program within your region. These reports offer a direct side-by-side comparison of products grown at each test site.

Designed for

**Growers    Seed Dealers/Farm Mgr    Sales Mgmt**



**PERFORMANCE SUMMARIES** compile the results of all the *Harvest Reports* within a multi-county corn or soybean region organized by maturity ranges. Test entries are sponsored by seed brands conducting business in these areas. The same seed products are tested at all test sites within a region. Generally, states are subdivided into 2–5 regions. Some regions overlap 2 or 3 states if appropriate.

These summaries offer a direct side-by-side comparison of products grown at each test site. This apples-to-apples approach demonstrates seed performance differences due to production practices or growth environment. Product yield results within a region are averaged and ranked. Individual test site results presented provide insight about where and when these products are best suited.

Designed for

**Growers    Seed Dealers/Farm Mgr    Sales Mgmt**

- **PRODUCT DIRECTORIES** - Available August 22nd!
- **HARVEST REPORTS** - Test site reports as they're posted!
- **PERFORMANCE SUMMARIES** - Advanced electronic copies sent 2 weeks before they're printed (*by subscription only!*)

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TODAY!**



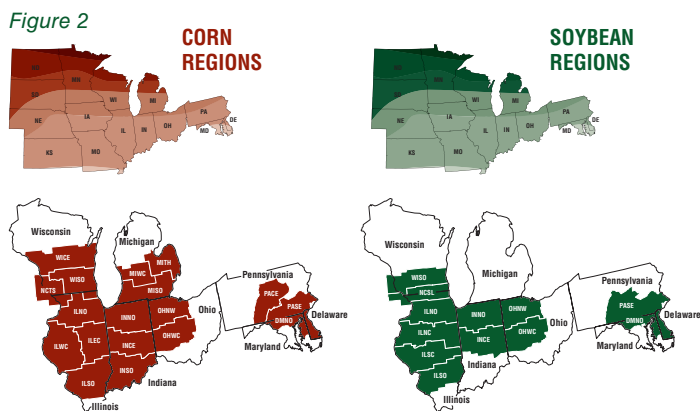
# FIRST Testing Methodology and Procedures

## TESTING PROGRAM

Our testing program compares corn and soybean seed product yield and agronomic performance in grower fields across 15 states: Delaware, Illinois, Indiana, Iowa, Kansas, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota and Wisconsin (Figure 1).



Testing regions have been established to provide similarity by geography and crop maturity. Seed products within a predefined maturity range (i.e., 106 to 116 RM corn or 0.7 to 1.5 maturity soybeans) are pooled into a single, all-season test or split into early- and full-season tests depending on entry volume. Products are planted at five or six corn test locations or four soybean locations within a region (Figure 2).



Test locations are selected to represent the geographic diversity within a region. Ideal sites have uniform, well-drained soils where farmer hosts use standard production practices for the area. Typically, all tests at a location are conducted adjacent to each other to minimize yield variance between tests.

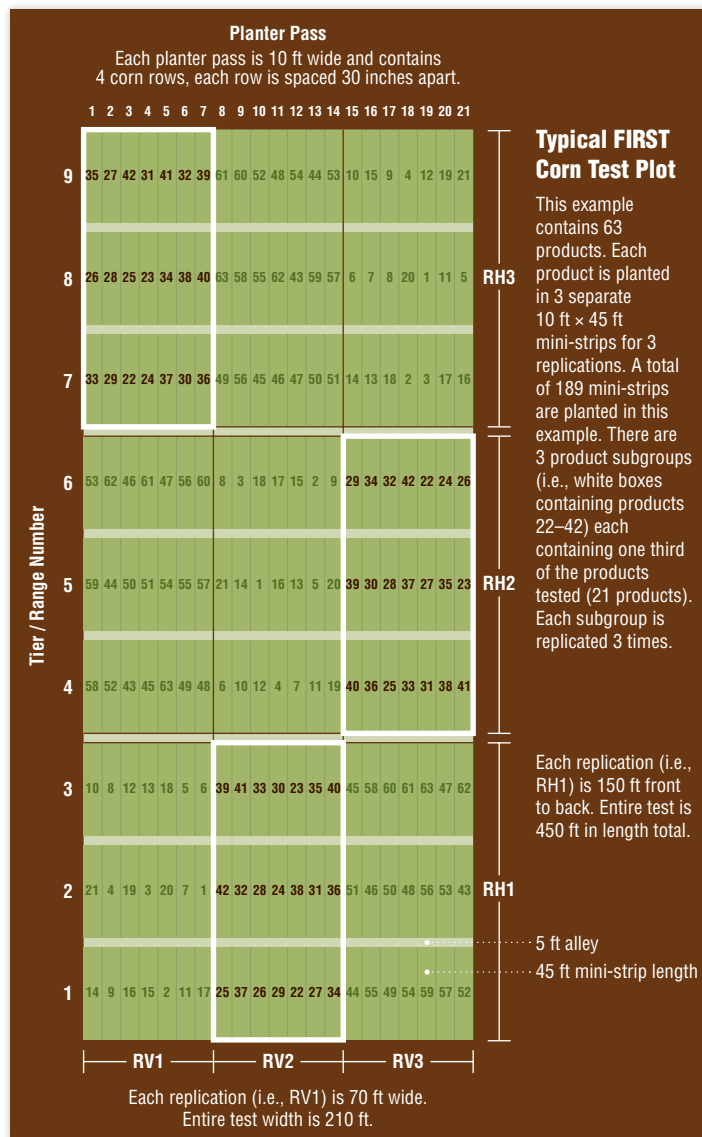
Seed companies and/or seed distributors are invited to submit their most promising seed products within specified test maturity limits to desired test regions (See pages 21–24 & 35–37). They provide high-quality seed from commercial lots and fees to enter FIRST tests. The only exceptions are check products (CK after product names, i.e. x1234 CK), chosen by FIRST Managers to bridge results between early- and full-season tests, and Grower Comparison products (GC after the product name), often provided by host farmers for their knowledge as test space permits. Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to side. This provides more precision in yield

measurement and flexibility should a disruptive event (i.e., standing water) require elimination of non-uniform test areas.

FIRST Field Managers package, randomize, and plant seeds into host grower fields using slightly modified commercial planting equipment to facilitate mini strip research. Individual plots (a.k.a. mini-strips) contain four corn rows spaced 30-inches apart, 45 feet in length (Figure 3). Soybean is planted in four rows spaced 30-inches apart or seven 15-inch spaced rows. Soil insecticide is typically applied to corn at planting. Seeding rate is based on standard area practices.

FIRST Managers measure yield from the center two corn rows or all soybean rows using customized commercial self-propelled combines. Grain from each plot is electronically weighed and moisture content measured. Soybean grain is sampled from one replicate per test for protein and oil content analysis.

Figure 3





**AGRIGOLD\***

AgriGold  
[AgReliant Genetics, LLC]



5381 Akin Road  
St. Francisville, IL 62460  
**(800) 262-7333**

[www.agrigold.com](http://www.agrigold.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
G2505RX GC	RRX	R		2.5	IANWb
G3150RX §	RRX	R		3.1	NENE

**ANDERSON\***

Anderson Seeds



37825 County Rd. 63  
St. Peter, MN 56082  
**(507) 246-5032**

[www.andersonseeds.com](http://www.andersonseeds.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
159RXT	RRX	MR		1.5	<b>MNCE MNNC MNSCa</b>
159RXT GC	RRX	MR		1.5	<b>MNSOa</b>
179RXT	RRX	MR		1.7	MNCE MNSCa MNSOa
180RXT	RRX	MR		1.8	MNCE MNSCa MNSOa
18LG20	LG27	MR		1.8	MNCE MNSCa MNSOa
20LG20	LG27	MR		2.0	MNCE MNSCb MNSOb
217RXT	RRX	MR		2.0	<b>MNCE MNSCb MNSOb</b>

**ARMOR\***

Armor Seed, LLC  
[WinField Solutions]



20 Ferri Drive  
Cleveland, MS 38732  
**(870) 336-2290**

[www.armorseed.com](http://www.armorseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
20-D20	RRX	MR		2.0	WISO
28-D68	RRX	MR		2.7	IANCb IASCa ILNO
42-D27	RRX,ST	R		4.2	DMNO ILSO
44-D92	RRX,ST	MR		4.4	DMNO ILSO
X20E89	E3	MR		2.0	WISO
X21E99	E3	MR		2.1	IANCa WISO
X23E09	E3	MR		2.3	IANCa WISO
X25D59	RRX	MR		2.5	IANCa WISO
X28E89	E3	MR		2.7	IANCb IASCa ILNO
X30E39	E3	MR		3.0	IASCb ILNO
X31D09	RRX	MR		3.1	IASCb ILNO
X32D29	RRX,ST	MR		3.2	IASCb ILNO
X32E59	E3	MR		3.2	IASCb ILNO
X38D53	RRX	MR		3.8	DMNO ILSO
X46D09	RRX,ST	MR		4.6	DMNO ILSO

**ASGROW\***

Asgrow Brand  
[Bayer CropScience]



800 N. Lindbergh Blvd.  
St. Louis, MO 63167  
**(314) 694-1000**

[www.asgrow.com](http://www.asgrow.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
AG007X0 §	RRX	R		00.7	RRNO
AG01X9 §	RRX	R		0.1	RRNO
AG02X8 §	RRX	S		0.2	RRCE RRNO
AG03X7 §	RRX	R		0.3	RRCE
AG05X9 §	RRX	R		0.5	RRCE
AG10X9 §	RRX	R		1.0	MNNC RRSO SDNE
AG11X8 §	RRX	R		1.1	MNNC RRSO SDNE
AG14X0 §	RRX	R		1.4	MNNC RRSO
AG17X8 CK	RRX	R		1.7	<b>MNSCb MNSCa</b>
AG17X8 §	RRX	R		1.7	<b>IANOa MNCE MNSOa SDNE</b>
AG19X0 GC	RRX	R		1.9	NCSL
AG19X0 §	RRX	R		1.9	IANOa MNCE MNSCb MNSOa SDEC WISO
AG20X9 GC	RRX	R		2.0	NCSL
AG20X9 §	RRX	R		2.0	IANCa IANOa IANWa MNCE MNSCb MNSOb SDEC WISO
AG21X9 GC	RRX	R		2.1	MNSOb
AG21X9 §	RRX	R		2.1	MNSCb
AG22X0 §	RRX	R	Elite-fn	2.2	SDEC SDSE
AG23X8 §	RRX	R		2.3	NCSL WISO
AG24X7 GC	RRX	R		2.4	NCSL WISO
AG25X0 §	RRX	R		2.5	IANOa IANWb NCSL NENE WISO
AG26X0 GC	RRX	R		2.6	IASCa
AG26X0 §	RRX	R		2.6	IANCb IANWb IASO INNO NCSL NENE
AG26X8 §	RRX	R	Elite-fn	2.6	SDSE
AG27X0 GC	RRX	R		2.7	NENE
AG27X0 §	RRX	R		2.7	IANCb IANWb ILNO INNO NCSL SDSE
AG28X9 §	RRX	R		2.8	IASCb
AG29X9 §	RRX	R		2.9	IANCb IASCb IASO NENE
AG30X9 §	RRX	R		3.0	ILNC ILNO
AG31X0	RRX	R		3.1	NESE PASE
AG31X0 §	RRX	R	AC,PV	3.1	IASCb IASO ILNO INCE INNO NENE
AG36X6	RRX	R		3.6	KSNE NESE PASE
AG36X6 §	RRX	R		3.6	IASO ILSO INCE MOCE
AG37X8	RRX	R		3.7	NESE
AG38X8	RRX	R		3.8	DMNO PASE
AG38X8 §	RRX	R	AC,PV	3.8	ILNC ILSC INCE

NOTES: \* Harvest reports will identify company as shown in bold  
<sup>‡</sup> Suffix GC = grower comparison, CK = check, § = United Soybean Board sponsored entry  
<sup>†</sup> See page 22 for abbreviation descriptions  
 - Regions in **BOLD** identify products tested in both 2018 & 2019  
 - Regions in **BLUE** identify products that performed significantly above average in 2018 tests

**ASGROW** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
AG39X7	RRX,ST	R		3.9	KSEC
AG39X7 GC	RRX,ST	R		3.9	MOCE
AG39X7 §	RRX,ST	R		3.9	ILSC MONO
AG41X8 §	RRX,ST	R		4.1	MONO
AG42X9 §	RRX	R		4.2	ILSO
AG43X0	RRX,ST	R		4.3	DMNO KSEC KSNE
AG43X0 §	RRX,ST	R		4.3	ILSO MOCE MONO
AG44X0	RRX	R		4.4	KSEC KSNE
AG44X0 §	RRX	R		4.4	MOCE
AG47X9	RRX	R		4.7	DMNO

**BECK'S\***

Beck's Superior Hybrids, Inc.



6767 E. 276 St.  
Atlanta, IN 46031  
(800) 937-2325

[www.beckshybrids.com](http://www.beckshybrids.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
2088FP §	LLGT	MR		2.0	IANOa
2559X2 GC	RRX	R		2.5	<b>IANOb</b>
2559X2 §	RRX	R		2.5	<b>IANWb</b>

**BIOGENE\***

BioGene Seeds



5477 Tri-County Hwy.  
Sardinia, OH 45171  
(888) 862-3276

[www.biogeneseeds.com](http://www.biogeneseeds.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
BG8000 RR2X	RRX	R		00.9	RRNO
BG8007 RR2X	RRX	R		00.7	RRNO
BG8008 RR2X	RRX	R		00.8	RRNO

**CHAMPION\***

Champion Seed



PO Box 157  
Ellsworth, IA 50075  
(888) 417-2004

[www.championseedofiowa.com](http://www.championseedofiowa.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
2190EN	E3	R		2.1	IANCa IANOa SDSE
21X99N	RRX	R		2.1	IANOa IANWa
21X99N §	RRX	R		2.1	IANCa
2220GTLL	LG27	R		2.2	IANCa IANOb IANWa SDSE
2370EN	E3	R		2.3	IANWa
2460GTLL	LG27	R		2.4	IASCa
24X98N	RRX	R		2.4	<b>IANCa IANOb IANWa</b> <b>IASCa SDSE</b>
2590EN	E3	R		2.5	IASCa
25X70N	RRX	R		2.5	IANWb SDSE

**CHAMPION** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
27X90N	RRX	R		2.7	IANCb IANWb IASCa IASO NENE
2820GTLL	LG27	R		2.8	IANCb IANWb IASCb IASO
2889EN	E3	R		2.8	IANCb IANWb
28X78N	RRX	R		2.8	<b>IANCb IASCb</b>
3030EN	E3	R		3.0	IASO NENE NESE
3220EN	E3	R		3.2	IASCb IASO
32X40N	RRX	R		3.2	IASCb MONO
3420GTLL	LG27	R		3.4	IASO NESE
3499EN	E3	R		3.4	MONO
35X78N	RRX	R		3.5	MONO NESE
3839EN	E3	R		3.8	NESE
38X97N	RRX	R		3.8	NESE
40X98N	RRX	R		4.0	MONO
4220GTLL	LG27	R		4.2	MONO
4230EN	E3	R		4.2	MONO
42XS39N	RRX,ST	R		4.2	MONO

**CHANNEL\***

Channel Brand  
[BASf]



800 N. Lindbergh Blvd.  
St. Louis, MO 63167  
(800) 768-6387

[www.channel.com](http://www.channel.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
2519R2X GC	RRX	S		2.5	NENE
2719R2X GC	RRX	R		2.7	NENE
2918R2X GC	RRX	R		2.9	NENE
3220R2X	RRX	R		3.2	INCE
3220R2X GC	RRX	R		3.2	IASO
3318R2X GC	RRX	R		3.3	IASO
3519R2X	RRX	MR		3.5	INCE
3718R2X	RRX	R		3.7	INCE

**CHEMGRO\***

Chemgro Seeds, Inc.



PO Box 218  
E. Petersburg, PA 17520  
(800) 346-4769

[www.chemgro.com](http://www.chemgro.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
C3552GL	LG27	R		3.5	PASE
C3751RXS	RRX,ST	R		3.7	PASE
C3753E	E3	R		3.7	PASE

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PRODUCT DIRECTORIES  
HARVEST REPORTS  
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- Regions in **BLUE** identify products that performed significantly above average in 2018 tests



**CORNELIUS\***

Cornelius Seed



14760 317th Ave.  
Bellevue, IA 52031  
(800) 218-1862

[www.corneliusseed.com](http://www.corneliusseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
CB18X80	RRX	R		1.8	<b>MNSOa</b>
CB18X80 GC	RRX	R		1.8	<b>MNSCa</b>
CB18X82	RRX			1.8	MNCE
P3 2018E	E3	R		1.9	IANOa MNSOa
P3 2018E GC	E3	R		1.9	MNSCb
P3 2021E	E3	R		2.0	MNSOb
CB20X22	RRX	R		2.0	IANOa MNSOb
CB20X22 GC	RRX	R		2.0	MNSCb
CB21X55	RRX	R		2.1	<b>IANOa MNSOb</b>
P3 2023E	E3	R		2.2	IANCa IANOb
P3 2022B	LG27	R		2.2	IANCa IANOb WISO
P3 1924E	E3	R		2.4	IASCa WISO
CB24X64	RRX	R		2.4	<b>IANCa IANOb NCSL WISO</b>
P3 2025B	LG27	R		2.5	IANOb NCSL WISO
CB26E60	E3	R		2.6	IANCb IASCa NCSL
CB26X78	RRX	R		2.6	IANCb NCSL
CB27X81	RRX	R		2.7	<b>IANCb ILNO NCSL</b>
P3 1928E	E3	R		2.8	IANCb ILNO NCSL
P3 2028B	LG27	R		2.8	IASCb ILNC NCSL
P3 2029E	E3	R		2.9	IASCb ILNC
CB29X90	RRX	R		2.9	<b>IASCb ILNO</b>
P3 2031E	E3	R		3.1	IASCb ILNO
P3 2033B	LG27	R		3.3	ILNO
CB33X17	RRX	R		3.3	ILNC ILNO
P3 2034E	E3	R		3.4	ILNC
P3 2036E	E3	R		3.6	ILNC
CB38X89	RRX	R		3.8	ILNC

**CREDENZ\***

BASF



26 Davis Drive  
Research Triangle Park, NC 27709

(919) 547-2000

<https://agriculture.basf.com/us/en.html>

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
CZ 0309GTLL	LG27	MR		0.3	RRCE RRNO
CZ 0419GTLL	LG27	MR		0.4	RRCE RRNO
CZ 0729GTLL	LG27	MR		0.7	MNNC RRCE RRSO
CZ 1139GTLL	LG27	MR		1.1	MNNC RRSO
CZ 1280GTLL	LG27	MR		1.2	RRSO SDNE
CZ 1470GTLL	LG27	MR		1.4	MNCE MNNC RRSO
CZ 1549GTLL	LG27	R		1.5	IANOa MNCE MNNC MNSCa SDNE
CZ 1660GTLL	LG27	MR		1.6	MNCE MNSCa MNSOa

**CREDENZ**

(continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
CZ 1850GTLL	LG27	MR		1.8	IANOa MNCE MNSCa MNSOa SDEC WISO
CZ 1859GTLL	LG27	R		1.8	IANOa MNCE MNSCa MNSOa WISO
CZ 2040GTLL	LG27	R		2.0	IANCa IANOa IANWa MNCE MNSCb MNSOb SDEC WISO
CZ 2230GTLL	LG27	MR		2.2	MNSCb MNSOb SDEC
CZ 2360GTLL	LG27	MR		2.3	IANCa IANOb IANWa IASCa MNSOb WISO
CZ 2550GTLL	LG27	MR		2.5	IANCa IANOb SDSE WISO
CZ 2579GTLL	LG27	MR		2.5	IANCb IANOb IANWB IASCa IASO ILNO INNO
CZ 2830GTLL	LG27	R		2.8	IANWb IASO
CZ 2830GTLL GC	LG27	R		2.8	IANCb
CZ 2889GTLL	LG27	MR		2.8	IANCb IANWb IASCb IASO ILNC ILNO INNO NESE PASE
CZ 3099GTLL	LG27	R		3.0	IASCb IASO NENE PASE
CZ 3100GTLL	LG27	MR		3.1	IASCb IASO NENE PASE
CZ 3309GTLL	LG27	R		3.3	IASO ILNC ILNO ILSC INCE KSEC MONO NENE NESE PASE
CZ 3480GTLL	LG27	R		3.4	PASE
CZ 3519GTLL	LG27	MR		3.5	IASO ILNC ILSC ILSO INCE KSEC MOCE MONO NESE PASE
CZ 3660GTLL	LG27	MR		3.6	IASO MOCE MONO PASE
CZ 3750GTLL	LG27	MR		3.7	DMNO KSNE MONO
CZ 3840GTLL	LG27	MR		3.8	MOCE MONO
CZ 3929GTLL	LG27	R		3.9	DMNO ILSC ILSO KSEC MOCE MONO NESE
CZ 3930GTLL	LG27	MR		3.9	MOCE MONO
CZ 4240GTLL	LG27	MR		4.2	DMNO KSNE MOCE MONO
CZ 4410GTLL	LG27	R		4.4	KSNE
CZ 4539GTLL	LG27	R		4.5	DMNO ILSO KSEC MOCE
CZ 4610GTLL	LG27	MR		4.6	DMNO KSNE MOCE

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**CROPLAN\***

Croplan Genetics  
[WinField Solution]



4001 Lexington Ave. N  
Arden Hills, MN 55126  
(651) 765-5712

[www.croplangenetics.com](http://www.croplangenetics.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
R2C2200 CK	RR2Y	R		2.2	<b>IANO<sub>b</sub></b> <b>IANO<sub>a</sub></b>
R2C2450 CK	RR2Y	R		2.4	<b>IANC<sub>b</sub></b> <b>IANC<sub>a</sub></b> <b>IANW<sub>b</sub></b> <b>IANW<sub>a</sub></b>

**DAHLMAN\***

Dahlman Seed Company LLP



73504 200th Street  
Dassel, MN 55325  
(800) 289-7333

[www.dahlmanseed.com](http://www.dahlmanseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
1001E3	E3	S		0.1	RRNO
1014E3N	E3	R		1.4	MNCE MNNC
1014E3N GC	E3	R		1.4	MNSO <sub>a</sub>
60009X	RRX	S		00.9	RRNO
6014XN	RRX	R		1.4	MNCE MNNC
6014XN GC	RRX	R		1.4	MNSO <sub>a</sub>
6903XN	RRX	R		0.3	RRNO

**DONMARIO\***

Donmario Seeds, Inc.



454 E 300 N Rd  
Gibson City, IL 60936  
(217) 784-8475

[www.donmario.com/en/usa/home](http://www.donmario.com/en/usa/home)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
DM 2544E	E3	R		2.5	NCSL
DM 25X43	RRX	R		2.5	NCSL
DM 2868E	E3	R		2.8	ILNO NCSL
DM 28J9X	RRX	R		2.8	ILNO NCSL
DM 32E15	E3	R		3.2	ILNO
DM 34E11	E3	R		3.4	ILNC
DM 34X16	RRX	R		3.4	ILNC ILNO
DM 3756E	E3	R		3.7	ILNC ILSC MOCE MONO
DM 37M3X	RRX	R		3.7	ILNC ILSC MOCE MONO
DM 3932E	E3	R		3.9	IASO ILSC MOCE MONO
DM 41P2X	RRX	R		4.1	ILSC MOCE MONO

**DYNA-GRO\***

Dyna-Gro Seed  
[Nutrien Ag Solutions]



615 Hilliard Rome Rd.  
Columbus, OH 43228  
(614) 620-5008

[www.dynagroseed.com](http://www.dynagroseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
S009XT68	RRX	S		00.9	RRNO
S03XT29	RRX	R		0.3	RRNO
S04XT77	RRX	R		0.4	RRNO
S06XT59	RRX	R		0.6	RRCE
S07XT28	RRX	R		0.7	RRCE
S09XT50	RRX	R		0.9	MNNC RRCE RRSO
S11XT78	RRX	R		1.1	MNNC RRSO
S13XT89	RRX	R		1.3	MNNC SDNE
S14XT98	RRX	R		1.4	MNNC RRSO
S16XT58	RRX	R	Equity+C1.6	SDNE	WISO
S17XT29	RRX	R		1.7	MNCE MNSCa
S18XT38	RRX	MR		1.8	<b>MNCE</b> <b>MNSCa</b> <b>MNSO<sub>a</sub></b>
S19EN59	E3	R		1.9	MNCE
S19RY65	RR2Y	R		1.9	SDEC
S19XT30	RRX	R		1.9	MNCE MNSC <sub>b</sub> MNSO <sub>a</sub>
S21EN70	E3	R		2.1	MNSC <sub>b</sub> MNSO <sub>b</sub> SDEC
S21XT49	RRX	R		2.1	<b>MNSC<sub>b</sub></b> <b>MNSO<sub>b</sub></b>
S23XT90	RRX	R		2.3	MNSO <sub>b</sub> SDEC
S24XT08	RRX	R		2.4	SDSE
S25XT99	RRX	R	Equity+C2.5	SDSE	
S28XT58	RRX	R	EQV,CI	2.8	ILNO INNO NENE SDSE
S31XT59	RRX	R	EQV,CI	3.1	ILNO INNO
S32EN60	E3	R		3.2	ILNO INNO NENE
S33XT79	RRX	R		3.3	ILNC NENE
S34XT69	RRX	R		3.4	INCE NENE NESE
S35EN99	E3	R		3.5	ILNC INCE NESE
S36XT09	RRX	R		3.6	ILNC
S37EN39	E3	R	EQV,CI	3.7	ILSC INCE MONO
S37XS89	RRX,ST	R		3.7	ILSC INCE MONO
S39EN19	E3	R		3.9	ILSC KSNE MONO NESE
S39XT68	RRX	R		3.9	KSNE MONO NESE
S41XS98	RRX,ST	R		4.1	ILSC ILSO KSEC KSNE MOCE MONO
S42EN89	E3	R		4.2	ILSO KSEC MOCE
S43XS70	RRX,ST	R		4.3	ILSO KSEC MOCE
S46XS60	RRX,ST	R		4.6	ILSO KSEC

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**EBBERTS\***

Ebberts Field Seeds, Inc.



6840 N. State Rt. 48  
Covington, OH 45318  
(937) 473-2521

[www.ebbertsseeds.com](http://www.ebbertsseeds.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
1934 E3	E3	R	In,IP,Ri	3.4 INCE	INNO
1939 E3	E3	R	In,IP,Ri	3.9 INCE	
2029 E3	E3	R	In,IP,Ri	2.9 INNO	
2032 E3	E3	R	In,IP,Ri	3.2 INCE	INNO
2037 E3	E3	R	In,IP,Ri	3.7 INCE	
288R2X	RRX	R	In,IP,Ri	2.8 INNO	
319R2X	RRX	R	In,IP,Ri	3.1 INNO	
330R2X	RRX	R	In,IP,Ri	3.3 INCE	INNO
340R2X	RRX	R	In,IP,Ri	3.4 INCE	INNO
368R2X	RRX	R	In,IP,Ri	3.6 INCE	
388R2X	RRX	R	In,IP,Ri	3.8 INCE	

**ENESTVEDT\***

Enestvedt Seed Company



75802 County Rd. 12  
Sacred Heart, MN 56285  
(320) 765-2728

[www.enestvedtseeds.com](http://www.enestvedtseeds.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
E1418RR2	RR2Y	R		1.4 MNNC	
E1418RR2 GC	RR2Y	R		1.4 MNSOa	

**FEDERAL\***

Federal Hybrids



209 3rd St. NE, PO Box 17  
West Bend, IA 50597  
(515) 887-5888

[www.federalhybrids.com](http://www.federalhybrids.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
1409N LLGT+	LG27	R		1.4 MNNC	
1690N	RRX	R		1.6 MNCE	
1909N LLGT+	LG27	R		1.8 MNCE	MNSCa MNSOa
195N	RR2Y	R		1.9 MNCE	
2090N R2X	RRX	R		1.9 <b>MNCE</b>	<b>MNSOa</b>
2109N LLGT+	LG27	R		2.1 MNSCb	
2190N R2X	RRX	R		2.1 <b>MNSCb</b>	<b>MNSOb</b>
2280N R2X	RRX	R		2.2 <b>MNSCb</b>	<b>MNSOb</b>

**FS HISOY\***

GROWMARK, Inc.



1701 Towanda Ave., PO Box 2205  
Bloomington, IL 61701  
(309) 557-6399

[www.fsseed.com](http://www.fsseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
HS 18X70	RRX	R		1.8	<b>IANOa</b> <b>WISO</b>
HS 19A50	RR2Y	R		1.9	<b>IANOa</b> <b>WISO</b>
HS 19X90	RRX	R		1.9	IANOa WISO
HS 21X90	RRX	R		2.1	IANCa IANOa IANWa NCSL WISO
HS 22X90	RRX	R		2.2	IANCa IANOb IANWa NCSL WISO
HS 23X70	RRX	R		2.3	<b>IANCa</b> <b>IANOb</b> <b>IANWa</b> <b>NCSL</b> <b>WISO</b>
HS 24X80	RRX	R		2.4	<b>IANCa</b> <b>IANOb</b> <b>IANWa</b> <b>IASCa</b> <b>ILNO</b> <b>INNO</b> <b>NCSL</b> <b>WISO</b>
HS 25X70	RRX	R		2.5	<b>IANOb</b> <b>IANWb</b> <b>IASCa</b>
HS 26X90	RRX	R		2.6	IANCb IANWb IASCa ILNO INNO NCSL
HS 27X90	RRX	R	ACi,IL	2.7	IANCb IANWb IASCa IASO ILNO INNO NCSL
HS 28X70	RRX	R		2.8	<b>IANCb</b> <b>IANWb</b> <b>IASCb</b> <b>IASO</b> <b>ILNC</b> <b>ILNO</b> <b>INCE</b> <b>INNO</b> <b>NCSL</b>
HS 29X80	RRX,ST	R		2.9	<b>IANCb</b> <b>IASCb</b> <b>IASO</b> <b>ILNO</b> <b>INNO</b> <b>NCSL</b>
HS 31X60	RRX	R		3.1	IASCb ILNC ILNO
HS 32X90	RRX	R		3.2	IASCb IASO ILNC ILNO INCE INNO MONO
HS 33X80	RRX	R		3.3	IASO ILNC ILNO INCE INNO
HS 34X60	RRX	R		3.4	IASO ILNC ILSC INCE INNO MONO
HS 35X90	RRX	R		3.5	IASO ILNC ILSC INCE MOCE MONO
HS 37X70	RRX	R	ACi,IL	3.7	ILNC ILSC INCE MOCE MONO
HS 38X70	RRX,ST	R		3.8	ILNC ILSC ILSO INCE
HS 39X70	RRX	R		3.9	ILSC ILSO MOCE MONO
HS 41X70	RRX,ST	R		4.1	ILSC ILSO MOCE MONO
HS 42X90	RRX	R		4.2	ILSC ILSO MOCE MONO
HS 43X60	RRX,ST	R		4.3	ILSC ILSO MOCE MONO
HS 44X90	RRX	R		4.4	ILSO MOCE

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**FS HISOY** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
HS 45X80	RRX,ST	R		4.5	ILSO
HS 46X90	RRX	R		4.6	ILSO MOCE

**GOLD COUNTRY\***

Gold Country Seed  
[Bayer CropScience]



16506 MN-15  
Hutchinson, MN 55350  
(320) 587-1050

<https://www.goldcountryseed.com>

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
1428X	RRX	R		1.4	MNCE MNNC
1528X	RRX	R		1.5	MNCE
1738X	RRX	R		1.7	MNCE
1827X	RRX	R		1.8	MNCE
1939X	RRX	R		1.9	MNCE MNSCb
1939X CK	RRX	R		1.9	MNSOb MNSOa
2038X	RRX	R		2.0	MNCE MNSCb MNSOb
2138X	RRX	R		2.1	MNSCb MNSOb
2249X	RRX	R		2.2	MNSCb MNSOb
O718X	RRX	R		0.7	MNNC
O928X	RRX	R		0.9	MNNC

**GOLDEN HARVEST\***

Golden Harvest Brand  
[Syngenta]



11055 Wayzata Blvd.  
Minnetonka, MN 55305  
(612) 656-8600

[www.syngenta.com](http://www.syngenta.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
GH00866	RR2Y	S		0.8	RRNO
GH0145X	RRX	S		0.1	RRNO
GH0308X	RRX	S		0.3	RRNO
GH0391	RR2Y	MR		0.3	RRNO
GH0543X	RRX	S		0.5	RRCE
GH0749X	RRX	MR		0.7	RRCE RRSO
GH0936X	RRX	MR		0.9	MNNC RRCE RRSO SDNE
GH1317X	RRX	R	CC+Mert	1.3	MNCE MNNC RRSO SDNE
GH1538X	RRX	R	CC+Mert	1.5	MNCE MNNC SDNE
GH1538X §	RRX	R		1.5	MNSCa
GH1619X	RRX	R		1.6	MNCE
GH1619X §	RRX	R		1.6	MNSCa MNSOa
GH1852X	RRX	R		1.8	MNCE WISO
GH1915X	RRX	R	CC+Mert	1.9	<b>MNCE SDEC WISO</b>
GH1915X §	RRX	R		1.9	<b>IANWa MNSOa</b>
GH2041X	RRX	R		2.0	<b>MNCE NCSL SDEC</b> <b>WISO</b>
GH2041X §	RRX	R		2.0	<b>IANCa MNSCb MNSOb</b>

**GOLDEN HARVEST** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
GH2230X	RRX	R	CC+Mert	2.2	<b>IANCa IANWa IASCa</b> <b>NCSL SDEC SDSE</b> <b>WISO</b>
GH2230X §	RRX	R		2.2	<b>MNSCb MNSOb</b>
GH2552X	RRX	MR		2.5	<b>IANCa IANWb IASO</b> <b>ILNO NCSL SDSE</b> <b>WISO</b>
GH2552X §	RRX	MR		2.5	<b>IANO b</b>
GH2788X	RRX	R		2.7	<b>IANWb ILNO INNO</b> <b>NCSL</b>
GH2788X §	RRX	R		2.7	<b>IANCb IASCa IASO</b> <b>NENE</b>
GH2808X	RRX	R		2.8	<b>ILNC NCSL SDSE</b>
GH2981X	RRX	R		2.9	<b>IANCb ILNO NCSL</b>
GH3088X	RRX	MR		3.0	<b>ILNC ILNO INNO</b> <b>NENE</b>
GH3088X §	RRX	MR		3.0	<b>IASCb IASO</b>
GH3195X	RRX	R		3.1	<b>IASCb ILNO INNO</b>
GH3324X	RRX	R		3.3	<b>IASO ILNC ILNO</b> <b>ILSC INCE INNO</b>
GH3475X	RRX	R		3.4	<b>IASO ILNC ILSC</b> <b>INCE</b>
GH3546X	RRX	R		3.5	<b>IASO ILNC ILSC</b> <b>INCE MONO NESE</b>
GH3728X	RRX	R		3.7	<b>ILNC ILSC INCE</b> <b>KSNE MOCE MONO</b>
GH3934X	RRX	R		3.9	<b>ILSC ILSO KSEC</b> <b>KSNE MOCE MONO</b>
GH3982X	RRX	R		3.9	<b>NESE</b>
GH4240XS	RRX,ST	R		4.2	<b>ILSC ILSO MOCE</b> <b>MONO</b>
GH4307X	RRX	R		4.3	<b>ILSO MOCE MONO</b>
GH4531XS	RRX, ST	R		4.5	<b>KSEC MOCE</b>
GH4628X	RRX	R		4.6	<b>ILSO KSEC MOCE</b>
GH4741X	RRX	R		4.7	<b>KSEC</b>

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**GREAT HEART\***

Great Heart Seed



220 W. Washington St.  
Paris, IL 61944

(877) 243-2071

[www.greatheartseed.com](http://www.greatheartseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
GT-2813X	RRX	R		2.8 INNO	
GT-3360XS	RRX,ST	R		3.3 ILNC INNO	
GT-3711XS	RRX,ST	R		3.7 ILNC ILSC ILSO	
GT-3900X	RRX	R		3.9 ILSC	
GT-4255XS	RRX,ST	R		4.2 ILSO	
GT-4540XS	RRX,ST	R		4.5 ILSO	

**HEFTY\***

Hefty Seed Company



47504 252nd St.  
Baltic, SD 5700

(866) 769-7200

[www.heftyseed.com](http://www.heftyseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
H009E9	E3	S		00.9RRNO	
H01X0	RRX	S		0.1 RRNO	
H04E8	E3	S		0.4 RRNO	
H04X0	RRX	R		0.4 RRCE RRNO	
Z0502E	E3	S		0.5 RRCE	
Z0501E	E3	R		0.5 RRCE	
Z0700E	E3	R		0.7 MNNC RRCE	
H07X0	RRX	R		0.7 RRCE RRSO	
Z0800E	E3	S		0.8 MNNC RRCE RRSO	
H09X1	RRX	R		0.9 RRCE RRSO	
H10E0	E3	R		1.0 RRSO SDNE	
H10X0	RRX	R		1.0 MNNC RRSO	
H11E0	E3	R		1.1 MNNC RRSO	
Z1100E	E3	R		1.1 MNNC	
Z1300E	E3	R		1.3 MNCE MNNC SDNE	
Z1401E	E3	R		1.4 MNCE MNNC MNSCa SDNE	
H14X0	RRX	R		1.4 MNCE MNNC RRSO SDNE	
Z1600E	E3	R		1.6 MNCE SDNE	
H16X1	RRX	R		1.6 SDNE	
H16X8	RRX	MR		1.6 SDNE	
H17X0	RRX	R		1.7 IAN0a MNS0a	
Z1800E	E3	R		1.8 IAN0a MNCE MNSCa MNS0a SDEC WISO	
H18X8	RRX	MR		1.8 <b>MNSCa</b>	
Z1900E	E3	R		1.9 IAN0a MNCE MNSCb MNS0a SDEC	
Z2000E	E3	R		2.0 MNCE MNSCb MNSOb SDEC WISO	

**HEFTY** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
H20X0	RRX	R		2.0 IAN0a MNCE MNSCb MNS0b SDEC WISO	
H20X7	RRX	MR		2.0 SDEC	
H21X9	RRX	MR		2.1 <b>MNSCb SDSE</b>	
Z2301E	E3	R		2.3 IANWa MNSOb NCSL SDEC SDSE WISO	
Z2300E	E3	R		2.3 IANCa IANOb MNSOb SDEC SDSE	
H23X0	RRX	R		2.3 IANCa IANOb IANWa NCSL SDEC	
H23X9	RRX	MR		2.3 SDEC	
Z2400E	E3	R		2.4 IANWa SDSE	
H24X8	RRX	MR		2.4 <b>IANOb IANWa NCSL SDSE</b>	
H25E0	E3	R		2.5 IANCa IANOb IANWb ILNO WISO	
H25X0	RRX	R		2.5 IANCa IANWb ILNO NCSL SDSE WISO	
Z2700E	E3	R		2.7 IANCb IANWb ILNO NCSL NENE SDSE	
H28X0	RRX	R		2.8 IANCb ILNO NCSL NENE	
H28X8	RRX	MR		2.8 NENE SDSE	
Z2900E	E3	R		2.9 IANCb ILNC NCSL NENE	
Z3001E	E3	R		3.0 ILNC ILNO NENE	
Z3000E	E3	R		3.0 ILNC ILNO NESE	
Z3300E	E3	R		3.3 ILNC ILNO NENE	
H33X0	RRX	R		3.3 NENE NESE	
Z3400E	E3	R		3.4 NENE NESE	
H34X0	RRX	R		3.4 ILNC	
H34X7	RRX	MR		3.4 NESE	
Z3701SE	E3	R		3.7 NESE	
Z3700E	E3	R		3.7 ILNC	
H37X8S	RRX	MR		3.7 NESE	
H39E9	E3	R		3.9 NESE	
H39X8	RRX	MR		3.9 NESE	

**HOEGEMEYER\***

Hoegemeyer Hybrids  
[Corteva Agriscience]



**HOEGEMEYER**  
THE RIGHT SEED

1755 Hoegemeyer Rd.  
Hooper, NE 68031

(800) 245-4631

[www.therightseed.com](http://www.therightseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
1910 E	E3	R		1.9 IAN0a IANWa	
2202 NX	RRX	R		2.2 IANCa IANWa SDSE	
2540 E	E3	R		2.5 IANCa IANWb IASCa SDSE	
2781 NX	RRX	R		2.7 IANWb IASCa NENE SDSE	

NOTES: \* Harvest reports will identify company as shown in bold  
<sup>‡</sup> Suffix GC = grower comparison, CK = check, \$ = United Soybean Board sponsored entry  
<sup>†</sup> See page 22 for abbreviation descriptions  
 - Regions in **BOLD** identify products tested in both 2018 & 2019  
 - Regions in **BLUE** identify products that performed significantly above average in 2018 tests

**HOEGEMEYER** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
2820 E	E3	R		2.8	IASCb IASO NENE SDSE
3030 E	E3	R		3.0	IASCb IASO NENE
3120 E	E3	R		3.1	IASO NENE NESE
3120 E GC	E3	R		3.1	IASCb
3166 NX	RRX	R		3.1	IASO NENE NESE
3491 NX	RRX	R		3.4	IASO KSNE NESE
3871 NX	RRX	R		3.8	KSNE NESE
3920 E	E3	R		3.9	KSEC KSNE NESE
4051 NX	RRX	R		4.0	KSEC KSNE NESE
4241 NX	RRX	R		4.2	KSEC KSNE
4331 NX	RRX	R		4.3	KSEC KSNE
4681 NX	RRX	R		4.6	KSEC
4860 E	E3	R		4.7	KSEC

**HUBNER\***

Hubner Seed  
[Bayer CropScience]



10280 W. State Rd. 28  
West Lebanon, IN 47991  
(800) 328-4428

[www.hubnerseed.com](http://www.hubnerseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
H29-19R2X	RRX	R		2.9	PASE
H32-29R2X	RRX	R		3.2	PASE
H34-37R2X	RRX	R		3.4	PASE
H35-27R2X	RRX	R		3.5	PASE
H36-28R2X	RRX	R		3.6	PASE
H39-28R2X	RRX	R		3.9	DMNO
H40-29R2X	RRX	R		4.0	DMNO
H42-28R2X	RRX,ST	R		4.2	DMNO
H43-27R2X	RRX,ST	R		4.3	DMNO
H46-29R2X	RRX,ST	R		4.6	DMNO

**KRUGER\***

Kruger Seeds  
[Bayer CropScience]



33730 160th St., PO Box A  
Dike, IA 50613  
(800) 772-2721

[www.krugerseed.com](http://www.krugerseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
K2X-1773	RRX	MR		1.7	<b>IANOa</b>
K2X-1862	RRX	R		1.8	<b>IANOa</b>
K2X-2052	RRX	R		2.0	<b>IANOa</b>
K2X-2073	RRX	R		2.0	<b>IANOa</b>
K2X-2172	RRX	R		2.1	<b>IANCa IANWa</b>
K2X-2283	RRX	R		2.2	<b>IANCa IANOb IANWa</b>
K2X-2573	RRX	R		2.5	<b>IANCa IANOb IANWb IASCa</b>
K2X-2652	RRX	R		2.6	<b>IANCb IANWb IASCa</b>
K2X-2673	RRX	R		2.6	<b>IANCb IANWb IASCa IASO</b>

**KRUGER** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
K2X-2863	RRX	R		2.8	<b>IANCb IANWb IASCb IASO</b>
K2X-2971	RRX	R		2.9	<b>IANCb IASCb IASO</b>
K2X-3271	RRX	R		3.2	<b>IASCb IASO</b>
K2X-3353	RRX	R		3.3	IASO
K2X-3384	RRX	R		3.3	IASO
K2X-3552	RRX	R		3.5	IASO
K2X-3662	RRX	R		3.6	IASO

**LATHAM\***

Latham Hi-Tech Seeds



131 180th St.  
Alexander, IA 50420  
(877) 465-2842

[www.lathamseeds.com](http://www.lathamseeds.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
L 0135 E3	E3	S		0.1	RRNO
L 0225 E3	E3	S		0.2	RRNO
L 0282R2X	RRX	R		0.2	RRCE RRNO
L 0438 R2X	RRX	R		0.4	RRCE RRNO
L 0553 R2X	RRX	MR		0.5	RRCE
L 0595 E3	E3	R		0.5	RRCE
L 0739R2X	RRX	R		0.7	RRCE
L 0883 R2X	RRX	R		0.8	MNNC RRCE RRSO
L 0982R2	RR2Y	R		0.9	RRCE
L 0995 E3	E3	R		0.9	MNNC RRCE RRSO
L 1039 R2X	RRX	R		1.0	MNNC RRSO
L 1192 E3	E3	R		1.1	MNNC RRSO
L 1359 LLGT27	LG27	R		1.3	MNNC RRSO SDNE
L 1392 E3	E3	R		1.3	MNNC RRSO SDNE
L 1429 LLGT27	LG27	R		1.4	MNCE MNNC RRSO
L 1438R2	RR2Y	R		1.4	RRSO
L 1482R2X	RRX	R		1.4	SDNE
L 1595 E3	E3	R		1.5	MNCE MNNC SDNE
L 1648 LLGT27	LG27	R		1.6	MNCE MNSCa SDNE
L 1673R2	RR2Y	S		1.6	SDNE
L 1748R2	RR2Y	R		1.7	<b>IANOa MNCE MNSOa</b>
L 1769R2X	RRX	R		1.7	SDEC SDNE
L 1793 LLGT27	LG27	R		1.7	MNSCa SDNE
L 1829 E3	E3	R		1.8	MNCE MNSCa MNSOa SDEC
L 1858R2	RR2Y	R		1.8	<b>MNSCa MNSOa</b>
L 1983 LLGT27	LG27	R		1.9	MNCE MNSCb MNSOa
L 1995 E3	E3	R		1.9	MNCE MNSCb
L 2084R2	RR2Y	R		2.0	<b>IANOa MNCE SDEC</b>
L 2159 R2X	RRX	R		2.1	<b>IANOa MNSOb NCSL SDEC</b>
L 2178 LLGT27	LG27	R		2.1	<b>IANCa IANOa SDEC</b>
L 2193 E3	E3	R		2.1	MNSCb MNSOb SDEC

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**LATHAM** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
L 2228R2	RR2Y	R		2.2	<b>MNSCb</b> <b>MNSOb</b> <b>SDSE</b> <b>WISO</b>
L 2384 R2X	RRX	R		2.3	IASCa MNSOb SDSE
L 2395 LLGT27	LG27	R		2.3	IANOb IANWa NCSL SDSE
L 2429 E3	E3	R		2.4	IANCa IANOb IANWa IASCa SDSE WISO
L 2482R2	RR2Y	R		2.4	IANCa WISO
L 2549R2X	RRX	R		2.5	<b>IANOb</b> <b>IANWb</b> <b>NCSL</b> <b>SDSE</b> <b>WISO</b>
L 2578 LLGT27	LG27	R		2.5	IANOb IANWb IASCa IASO WISO
L 2597 E3	E3	R		2.5	IANCa IANWb IASO NCSL SDSE WISO
L 2682R2X	RRX	R		2.6	<b>IANCb</b> <b>IASCa</b> <b>NCSL</b>
L 2839 LLGT27	LG27	R		2.8	IANCb IANWb IASCb IASO NCSL SDSE
L 2887R2X	RRX	R		2.8	<b>IANCb</b> <b>SDSE</b>
L 2949 E3	E3	R		2.9	IANCb IASCb IASO NCSL
L 3179 LLGT27	LG27	R		3.1	IASCb IASO
L 3192 E3	E3	R		3.1	IASCb IASO
L 3382 LLGT27	LG27	R		3.3	IASO
L 3394 R2X	RRX	R		3.3	IASO
L2295R2X	RRX	R		2.2	<b>IANWa</b> <b>NCSL</b> <b>SDEC</b> <b>WISO</b>
L2368R2X	RRX	R		2.3	IANWa SDEC WISO

**LEGEND\***

Legend Seeds, Inc.



PO Box 241  
De Smet, SD 57231  
**(800) 678-3346**

[www.legendseeds.net](http://www.legendseeds.net)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
LS 201E964N	E3	R		2.1	IANWa
LS 20X963N	RRX	MR		2.0	IANWa
LS 21X003N	RRX	R		2.1	IANOa
LS 23E052N	E3	R		2.3	IANOb
LS 24LGT053N	LG27	R		2.4	IANOb
LS 25X924N	RRX	MR		2.5	IANCb
LS 28X840N	RRX	MR		2.8	<b>IANCb</b>
LS 29LGT907N	LG27	R		2.9	IANCb
LS 29X052N	RRX	R		2.9	IANCb

*FIRST provides a fair and objective platform under a uniform standard to compare seed productivity under a multitude of soil and growing conditions across 15 states.*

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**LEWIS\***

Lewis Hybrids  
[Bayer CropScience]



530 W. Maple Ave., PO Box 38  
Ursa, IL 62376  
**(217) 964-2131**

[www.lewishybrids.com](http://www.lewishybrids.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
3304X	RRX	MR		3.3	ILSC MONO
3405X	RRX	MR		3.4	ILSC KSNE MONO
3572X	RRX	R		3.5	ILSC MONO
3682X	RRX	R		3.6	ILSC KSNE MOCE MONO
3803X	RRX	MR		3.8	ILSC KSEC KSNE MOCE MONO
3872X	RRX	R		3.8	KSEC KSNE MOCE
4091X	RRX	R		4.0	ILSC KSEC KSNE MOCE MONO
4182X	RRX,ST	R		4.1	ILSC KSEC KSNE MOCE MONO
4272X	RRX,ST	R		4.2	KSEC KSNE MOCE
4393X	RRX,ST	R		4.3	ILSC KSEC KSNE MOCE MONO
4572X	RRX,ST	R		4.5	KSEC MOCE
4702X	RRX,ST	MR		4.7	KSEC

**LOCAL SEED CO.\***

Local Seed Company, LLC



802 Rozelle St.  
Memphis, TN 38104  
**(901) 260-6000**

[www.localseeds.com](http://www.localseeds.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
LS3976X	RRX	R		3.9	PASE
LS4487XS	RRX,ST	MR		4.4	DMNO
LS4565XS	RRX,ST	MR		4.5	DMNO
ZS3399E3	E3	R		3.3	PASE
ZS3496GL	LG27	R		3.4	PASE
ZS3797GL	LG27	R		3.7	DMNO PASE
ZS3898E3S	E3,ST	R		3.8	DMNO PASE
ZS4295GLS	LG27,ST	R		4.2	DMNO
ZS4299XS	RRX,ST	R		4.2	DMNO

**MID-ATLANTIC\***

Mid-Atlantic Seeds, Inc.



204 St. Charles Way #163E  
York, PA 17402  
**(800) 854-6251**

[www.midatlanticseeds.com](http://www.midatlanticseeds.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
MAS3419GT/LL	LG27			3.4	PASE
MAS3600E3/STS	E3			3.6	PASE
MAS3718RR2/X	RRX	R		3.7	DMNO
MAS3818GT/LL/STS	LG27			3.8	DMNO

[www.firstseedtests.com](http://www.firstseedtests.com)

**MID-ATLANTIC** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
MAS4200GT/LL/STS	LG27			4.2	DMNO
MAS4519E3/STS	E3			4.5	DMNO
MAS4550GT/LL/STS	LG27			4.5	DMNO
MAS4675E3/STS	E3			4.6	DMNO

**MIDWEST\***

Midwest Seed Genetics



612 Dunlap St.  
Kentland, IN 47951  
(515) 314-1003

[www.midwestseed.com](http://www.midwestseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
MW X2642 CK	RRX	R		2.6	IASCb IASCa

**MYCOGEN\***

Mycogen Seeds  
[Corteva Agriscience]



9330 Zionsville Rd.  
Indianapolis, IN 46268  
(800) MYCOGEN

[www.dowagro.com/mycogen](http://www.dowagro.com/mycogen)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
5B024R2 §	RR2Y	S		0.2	RRCE RRNO
5B033R2 §	RR2Y	S		0.3	RRCE RRNO
MY089E §	E3	S		0.8	RRCE RRNO
MY119E §	E3	MR		1.1	RRSO
MY149E §	E3	MR		1.4	RRSO
MY289E	E3	R		2.8	ILNO NCSL

**NK BRAND\***

NK Brand  
[Syngenta]



11055 Wayzata Blvd.  
Minnetonka, MN 55305  
(612) 656-8600

[www.syngenta.com](http://www.syngenta.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
S007-Y4 §	RR2Y	S		00.7	RRNO
S008-N2 §	RR2Y	S		00.8	RRNO
S01-C4X §	RRX	S		0.1	RRNO
S02-F9X	RRX	S		0.2	RRNO
S02-F9X §	RRX	S		0.2	RRCE
S03-G9	RR2Y	MR		0.3	RRNO
S03-G9 §	RR2Y	MR		0.3	RRCE
S03-S6X	RRX	S		0.3	RRNO
S03-S6X §	RRX	S		0.3	RRCE
S05-N5X	RRX	S		0.5	RRCE
S06-K4X	RRX	S		0.6	RRCE
S06-K4X §	RRX	S		0.6	MNNC RRNO
S07-Q4X	RRX	MR		0.7	RRCE
S07-Q4X §	RRX	MR		0.7	MNNC RRNO
S09-D4X	RRX	MR		0.9	RRCE
S09-D4X §	RRX	MR	CC+Mert	0.9	MNNC RRNO SDNE

**NK BRAND** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
S10-H7X	RRX	MR		1.0	MNNC RRNO
S12-R3	RR2Y	R		1.2	MNNC RRNO
S14-A6	RR2Y	R		1.4	MNNC RRNO
S14-B2X	RRX	R		1.4	MNNC RRNO
S14-B2X §	RRX	R		1.4	MNCE SDNE
S14-U9X	RRX	MR		1.4	IANOa MNNC RRNO WISO
S14-U9X §	RRX	MR	CC+Mert	1.4	MNCE SDNE
S18-G4X §	RRX	R		1.8	<b>IANWa MNCE MNSCa</b> <b>MNSOa SDEC</b>
S18-H3X	RRX	R		1.8	<b>MNCE</b>
S18-H3X §	RRX	R		1.8	<b>MNSCa MNSOa SDEC</b> <b>WISO</b>
S20-J5X	RRX	R		2.0	<b>IANOa MNCE</b>
S20-J5X §	RRX	R		2.0	<b>MNSCb MNSOb NCSL</b> <b>SDEC SDSE WISO</b>
S21-W8X	RRX	R		2.1	<b>IANOa MNCE</b>
S21-W8X §	RRX	R		2.1	<b>IANCa IANWa MNSCb</b> <b>MNSOb NCSL SDSE</b> <b>WISO</b>
S25-B6X §	RRX	R		2.5	<b>IANOb INNO</b>
S25-V8X	RRX	MR		2.5	IANCa IANWb IASCa ILNO NCSL WISO
S25-V8X §	RRX	MR		2.5	IANOb NENE SDSE
S27-M8X	RRX	R		2.7	<b>IANCb IANWb PASE</b>
S27-M8X §	RRX	R		2.7	<b>IASCa IASO ILNO</b> <b>INNO NCSL NENE</b>
S29-K3X	RRX	R		2.9	<b>IANCb ILNC</b>
S29-K3X §	RRX	R		2.9	<b>ILNO</b>
S30-M9X	RRX	MR		3.0	<b>IASCb IASO NCSL</b>
S30-M9X §	RRX	MR		3.0	<b>ILNC ILNO INCE</b> <b>INNO</b>
S31-Y2X	RRX	R		3.1	<b>IASCb IASO ILNO</b>
S31-Y2X §	RRX	R		3.1	<b>ILNC</b>
S33-D7X	RRX	R		3.3	IASO ILNO ILSC INNO MONO
S33-D7X §	RRX	R		3.3	ILNC INCE
S34-T2X	RRX	R		3.4	IASO ILSO INNO
S34-T2X §	RRX	R		3.4	ILSC
S35-K9X	RRX	R		3.5	DMNO IASO ILNC MOCE MONO PASE
S35-K9X §	RRX	R		3.5	ILSC INCE
S37-A4X	RRX	R		3.7	ILNC INCE KSNE NESE
S37-A4X §	RRX	R		3.7	ILSC ILSO MOCE MONO
S39-G2X	RRX	R		3.9	DMNO ILSC KSEC KSNE NESE PASE
S39-G2X §	RRX	R		3.9	ILSO MOCE MONO

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**NK BRAND** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
S42-B9XS	RRX, ST	R		4.2	ILSC
S42-B9XS §	RRX, ST	R		4.2	ILSO MOCE MONO
S43-V3X	RRX	R		4.3	ILSO KSEC MOCE MONO
S44-C7X	RRX	R		4.4	DMNO
S46-W2X	RRX, ST	R		4.6	ILSO KSEC MOCE
XD23942	RRX	R		2.3	WISO
XD28950	RRX	R		2.8	NCSL

**NORTHSTAR\***  
NorthStar Genetics, Ltd.



217 Main St., PO Box 40  
Wanamingo, MN 55983  
(507) 824-2878

[www.northstargenetics.com](http://www.northstargenetics.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
NS 61775NXR2	RRX	R		1.7	MNSOa
NS 62115NXR2	RRX	R		2.1	IANOa MNSOb
NS 62294NXR2	RRX	MR		2.2	<b>IANOb</b>
NS 81764NLG+	LG27	R		1.7	MNSOa
NS 82024NLG+	LG27	R		2.0	IANOa MNSOb
NS 82265NLG+	LG27	R		2.2	IANOb
NS 91895NE3	E3	R		1.8	IANOa
NS 91974NE3	E3	R		1.9	MNSOa
NS 92335NE3	E3	R		2.3	IANOb MNSOb

**NUPRIDE\***  
Thimm Seeds



5104 West Hwy. 136  
Beatrice, NE 68310  
(402) 228-2222

[www.thimmseeds.com](http://www.thimmseeds.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
NGN9361R2X §	RRX			3.6	NESE
NGN9381GT §	RR			3.9	NESE

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**PARTNERS BRAND\***  
Partners Brand Seed Company



4610 E SR 120  
Howe, IN 46746  
(877) 790-0016

[www.partnersbrandseed.com](http://www.partnersbrandseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
PB3718RR2X	RRX	MR	A2020	3.7	INCE

**PIONEER\***  
DuPont Pioneer  
[Corteva Agriscience]



PO Box 454  
Johnston, IA 50131  
(800) 247-6803

[www.pioneer.com](http://www.pioneer.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
P00A49X §	RRX	R		00.0	RRNO
P08A72X	RRX	R		0.8	RRCE
P08A72X §	RRX	R		0.8	MNNC SDNE
P12A59X §	RRX	R	Untreat	1.2	MNNC SDNE
P15T46R2 §	RR2Y	R		1.5	<b>MNCE MNNC MNSCa</b> <b>SDNE</b>
P18A98X §	RRX	R		1.8	IANOa MNCE MNSOa SDEC SDSE
P19A14X §	RRX	R		1.9	<b>MNCE MNSCb SDEC</b> <b>SDSE</b>
P21A28X GC	RRX	R		2.1	IANCa
P21A28X §	RRX	R		2.1	IANWa MNSCb MNSOb SDEC SDSE WISO
P22T73R GC	RR	R		2.2	<b>MNSOb</b>
P23A15X §	RRX	R		2.3	NCSL WISO
P23A32X §	RRX	R		2.3	MNSOb
P24A80X	RRX	R		2.4	WISO
P24A80X §	RRX	R		2.4	ILNO
P24A99X §	RRX	R		2.4	<b>IANCa IANOb IANWa</b> <b>NCSL WISO</b>
P25A27X §	RRX	R		2.5	<b>IASCa</b>
P25A70R	RR	R		2.5	IANCb IANOb NENE
P25A70R GC	RR	R		2.5	IANWb
P26A61X	RRX	R		2.6	PASE
P27A17X GC	RRX	R		2.7	NENE
P27A17X §	RRX	R		2.7	IANCb IANWb ILNO NCSL
P27T59R	RR	R		2.7	NENE
P27T59R GC	RR	R		2.7	IANWb
P29A25X §	RRX	R	EE,Lu,IL	2.9	<b>IASCb IASO INCE</b> <b>INNO</b>
P29A61X	RRX			2.9	PASE
P31A22X §	RRX	R		3.1	<b>IASCb IASO ILNC</b> <b>ILNO ILSC INCE</b> <b>INNO</b>

**PIONEER** (continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
P33A24X	RRX	R		3.3	PASE
P33A24X §	RRX	R	EE,Lu,IL	3.3	INCE INNO
P33A53X §	RRX	R		3.3	IASO ILNC ILSC
P34A13X §	RRX	R		3.4	INNO
P35A33X GC	RRX	R		3.5	ILSC
P35A33X §	RRX	R	EE,Lu,IL	3.5	INCE
P36A18X §	RRX	R		3.6	ILNC ILSC
P37A78X §	RRX	MR		3.7	ILSO MOCE MONO
P40A47X §	RRX	R		4.0	ILSO MOCE MONO
P42A96X §	RRX	MR		4.2	ILSO KSEC MOCE MONO

**PROSEED\***

Proseed, Inc.



705 E. Brewster  
Harvey, ND 58341  
(800) 776-3121

[www.proseed.net](http://www.proseed.net)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
BX 80-35	LG27	S		0.3	RRNO
EL 80-093	E3	S		00.9	RRNO
EL 80-23	E3	S		0.2	RRNO
EL 80-43N	E3	R		0.4	RRCE
EL 90-53N	E3	R		0.5	RRCE
EL 91-23N	E3	R		1.2	MNCE MNNC RRSO
EL 91-33N	E3	R		1.3	MNCE MNNC RRSO
XT 80-20N	RRX	R		0.2	RRNO
XT 80-60N	RRX	R		0.6	RRCE
XT 90-90N	RRX	R		0.9	MNNC RRCE RRSO

**REA\***

REA Hybrids  
[Bayer CropScience]



4745 6th Ave. SE  
Aberdeen, SD 57402  
(800) 592-1215

[www.rea-hybrids.com](http://www.rea-hybrids.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
RX1027	RRX	R		1.0	SDNE
RX1428	RRX	R	ACC	1.4	SDNE
RX1529	RRX	R	ACC	1.5	SDNE
RX1610	RRX	R		1.6	SDEC
RX1610 GC	RRX	R		1.6	SDNE
RX1739	RRX	R	ACC	1.7	SDEC SDNE
RX1930	RRX		ACC	1.9	SDEC
RX2039 GC	RRX	R		2.0	SDEC SDSE
RX2240	RRX		ACC	2.2	SDEC
RX2518 §	RRX	R	ACC	2.5	SDSE
RX2639 GC	RRX	R	ACC	2.6	SDSE
RX2830 GC	RRX			2.8	SDSE

**RENK\***

Renk Seed Co.



6809 Wilburn Rd.  
Sun Prairie, WI 53590  
(800) BUY-RENK

[www.renkseed.com](http://www.renkseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
RS039NX	RRX	R		0.3	RRCE RRNO RRSO
RS084NR2	RR2Y	R		0.8	MNNC RRSO
RS089NX	RRX	R		0.8	MNNC RRSO
RS100NX	RRX	R		1.0	MNNC RRSO SDNE
RS130NE	E3	R		1.3	SDNE
RS149NX	RRX	R		1.4	MNCE MNNC SDNE
RS153NR2	RR2Y	R		1.5	MNCE MNNC MNSCa SDNE
RS160NGL	LG27	R		1.6	MNCE MNSCa SDNE
RS170NX	RRX	R		1.6	MNCE MNSCa MNSOa SDNE
RS180NE	E3	R		1.8	MNCE MNSCa MNSOa SDEC
RS200NX	RRX	R		2.1	IANOa MNSCb MNSOb SDEC WISO
RS207NX	RRX	R		2.0	<b>MNSCb</b>
RS210NE	E3	R		2.1	IANOa MNSCb MNSOb SDEC SDSE WISO
RS219NX	RRX	R		2.1	WISO
RS220NGL	LG27	R		2.2	IANCa IANOb MNSCb MNSOb SDEC SDSE WISO
RS230NE	E3	R		2.3	IANCa IANOb MNSOb SDEC WISO
RS248NX	RRX	R		2.4	<b>IANCa IANOb IASCa ILNO NCSL SDSE WISO</b>
RS250NX	RRX	R		2.5	IANCa IANOb IASCa ILNO NCSL SDSE WISO
RS279NE	E3	R		2.7	IANCb IASCa IASO ILNO NCSL SDSE
RS280NX	RRX	R		2.8	IANCb IASCb IASO ILNC ILNO NCSL SDSE
RS309NSX	RRX	R		3.0	<b>IASCb IASO ILNC ILNO</b>
RS319NSE	E3	R		3.1	IASCb IASO ILNC ILNO NESE
RS330NSX	RRX	R		3.3	IASO ILNC ILNO KSNE
RS357NX	RRX	R		3.5	ILNC KSNE NESE
RS370NSE	E3	R		3.7	ILNC KSNE NESE
RS379NX	RRX	R		3.7	ILNC KSNE NESE
RS398NX	RRX	R		3.9	KSNE NESE

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**SEED CONSULTANTS\***

Seed Consultants, Inc.  
[Corteva Agriscience]



648 Miami Trace Rd. S.W., PO Box 370  
Washington C.H., OH 43160  
**(800) 708-2676**

[www.seedconsultants.com](http://www.seedconsultants.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
SC 8279X	RRX	R		2.7	PASE
SC 8358X	RRX	R		3.5	PASE
SC 8379X	RRX	R		3.7	DMNO
SC 8399X	RRX	R		3.9	DMNO
SC 8439X	RRX	R		4.3	DMNO
SC 8459X	RRX	MR		4.5	DMNO
SC 9339R	RR	R		3.3	PASE
SC 9469BR	RR,ST	MR		4.4	DMNO

**SPECIALTY\***

Specialty Hybrids  
[Bayer CropScience]



306 N. Main St.  
Monticello, IN 47960  
**(800) 545-8611**

[www.specialtyhybrids.com](http://www.specialtyhybrids.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
3394R2X GC	RRX		AC,PV	3.3	INCE
3394R2X §	RRX			3.3	INNO
3562R2X GC	RRX	MR	AC,PV	3.5	INCE
3672R2X GC	RRX	MR	AC,PV	3.6	INCE

**STINE\***

Stine Seed Company



22555 Laredo Trail  
Adel, IA 50003  
**(800) 362-2510**

[www.stinseed.com](http://www.stinseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
01EA63 §	E3	S		0.1	RRNO
03EA03 §	E3	S		0.3	RRCE RRNO
03GA03 §	LG27	S		0.3	RRNO
05EA23 GC	E3	R		0.5	RRCE
06GA10 GC	LG27	S		0.6	RRCE
06GA13 §	LG27	S		0.7	RRCE
07EA36 §	E3	S		0.7	RRCE RRSO
07GA33 GC	LG27	S		0.7	RRCE
09EA02 §	E3	R		0.9	MNNC RRSO SDNE
13EA12 §	E3	R		1.3	MNNC MNNSCa RRSO SDNE
15GA20 §	LG27	R		1.5	MNNC MNNSCa SDNE
17GA62 §	LG27	R		1.7	MNCE MNNSCa MNSOa
19EA32 §	E3	R		1.9	WISO
19EA33 §	E3	R		1.9	MNCE SDEC
19GA02 GC	LG27	R		1.9	NCSL
19GA02 §	LG27	R		1.9	MNCE MNSOa SDEC

**STINE**

(continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
20EB23 §	E3	R		2.0	MNSOb
23EB02 §	E3	R		2.3	MNSOb
25GA62 §	LG27	R		2.5	IANCa IANOb IASCa ILNO NCSL SDSE
27EA23 §	E3	R		2.7	IANCb IANWb IASCa IASO ILNO INCE INNO NENE SDSE
29EA23	E3	R		2.9	PASE
31GA23 §	LG27	R		3.1	ILSC
32EA21	E3	R		3.2	NESE
33GA02 §	LG27	R		3.3	ILSC
33GA13 §	LG27	R		3.3	ILNC
36EA02	E3	R		3.6	KSEC NESE PASE
36EA02 §	E3	R		3.6	IASO ILSO INCE MOCE
39EA02	E3	R		3.9	DMNO KSEC KSNE NESE
39EA02 §	E3	R		3.9	ILSO MOCE MONO
41EA12	E3	R		4.1	DMNO KSEC KSNE
41EA12 GC	E3	R		4.1	MOCE
41EA12 §	E3	R		4.1	ILSC MONO
41GA02	LG27	R		4.1	DMNO KSNE
41GA02 §	LG27	R		4.1	ILSC ILSO MOCE MONO

**STONE\***

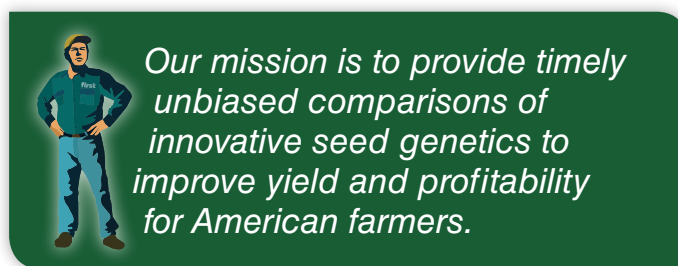
Stone Seed  
[Bayer CropScience]



5965 W. State Rd. 97  
Pleasant Plains, IL 62677  
**(217) 546-8006**

[www.stoneseed.com](http://www.stoneseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
2RX2418	RRX	R		2.4	NCSL
2RX2639	RRX	R		2.6	ILNO NCSL
2RX2929	RRX	R		2.9	ILNC ILNO
2RX3120	RRX	R		3.1	ILNO
2RX3527	RRX	R		3.5	ILNC ILSC
2RX3628	RRX	R		3.6	ILNC ILSC
2RX3839	RRX	R		3.8	ILSC
2RX4029	RRX	R		4.0	ILSO
2RX4228-SR	RRX,ST	R		4.2	ILSO
2RX4339-SR	RRX,ST	R		4.3	ILSO



*Our mission is to provide timely unbiased comparisons of innovative seed genetics to improve yield and profitability for American farmers.*

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**THUNDER\***

Thunder Seed, Inc.



806 Center Ave. W  
Dilworth, MN 56529  
(888) 684-8633

[www.thunderseed.com](http://www.thunderseed.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
ASTRO	RR2Y	S		00.8RRNO	
SB8001	RRX	S		0.1 RRNO	
SB8009N	RRX	R		0.9 MNNC	RRSO
SB8010N	RRX	R		1.0 MNNC	RRSO SDNE
SB8012N	RRX	R		1.2 SDNE	
SB8021N	RRX	R		2.1 SDEC	
SB8021N GC	RRX	R		2.1 MNSOb	
SB87009	RRX	S		00.9RRNO	
SB8805N	RRX	R		0.5 RRCE	
SB8807N	RRX	R		0.7 RRCE	RRSO
SB8814N	RRX	R		1.4 MNNC	RRSO SDNE
SB8818N	RRX	R		1.8 SDEC	
SB8903N	RRX	R		0.3 RRCE	RRNO
SB8906N	RRX	R		0.6 RRCE	
TE7003N	E3	R		0.3 RRCE	RRNO
TE7005N	E3	R		0.5 RRCE	
TE7009N	E3	R		0.9 RRSO	
TE7011N	E3	R		1.1 MNNC	RRSO SDNE
TE7013N	E3	R		1.3 MNNC	RRSO SDNE
TE7017N	E3	R		1.7 SDEC	SDNE
TE7902	E3	S		0.2 RRNO	
TE7904	E3	S		0.4 RRCE	RRNO
TE7906N	E3	R		0.6 RRCE	
TE7910N	E3	R		1.0 MNNC	RRSO SDNE
TG6013N	E3	R		1.3 SDEC	SDNE

**TITAN PRO\***

Titan Pro SCI, Inc.



1301 S. 24th St.  
Clear Lake, IA 50428  
(641) 357-7283

[www.titanprosci.com](http://www.titanprosci.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
06E9	E3	R		0.6 RRCE	
08E9	E3	S		0.8 RRCE	RRSO
11E9	E3	R		1.1 MNNC	RRSO
12GL8	LG27	R		1.2 MNNC	
13E9	E3	R		1.3 MNNC	RRSO
15E9	E3	R		1.5 MNCE	MNNC
15GL9	LG27	R		1.5 MNCE	MNNC MNSCa

**TITAN PRO**

(continued)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
18E9	E3	R		1.8 IAN0a	MNCE MNSCa MNSOa
18GL8	LG27	R		1.8 MNCE	MNSCa MNSOa WISO
19E8	E3	R		1.9 IAN0a	MNCE MNSCb MNSOa
20E9	E3	R		2.0 IAN0a	MNCE MNSCb MNSOb SDEC WISO
20GL8	LG27	R		2.0 IAN0a	MNCE MNSOb WISO
22E8	E3	R		2.2 IANCa	IANOb IANWa MNSCb MNSOb NCSL SDEC WISO
23E9	E3	R		2.3 IANCa	IANOb IANWa IASCa MNSOb NCSL SDEC WISO
24GL9	LG27	R		2.4 IANCa	IANOb IANWa NCSL WISO
25E8	E3	R		2.5 IANOb	IANWb WISO
28E8	E3	R		2.8 IANCb	IANWb IASCb ILNO NCSL SDSE
28GL9	LG27	R		2.8 IANCb	IANWb NCSL
30E9	E3	R		3.0 IASCb	ILNO
32E9	E3	R		3.2 IASCb	IASO ILNC ILNO NENE
32GL9	LG27	R		3.2 ILNO	NESE
34E8	E3	R		3.4 IASO	ILNC NENE
37E9	E3	R		3.7 ILNC	
TP-10X69	RRX	R		1.0 MNNC	
TP-15E9	E3	R		1.5 SDNE	
TP-16X88	RRX	R		1.6 MNCE	MNSCa MNSOa
TP-20X98	RRX	R		2.0 MNSCb	WISO
TP-24X87	RRX	R		2.4 IANCa	IANWa NCSL
TP-28X47	RRX	R		2.8 IANCb	IANWb NCSL

**WYCKOFF\***

Wyckoff Hybrids, Inc.



594 E 400 N  
Valparaiso, IN 46383  
(219) 462-6716

[www.wyckoffhybrids.com](http://www.wyckoffhybrids.com)

Brand <sup>‡</sup>	Tech <sup>†</sup>	SCN	STrt <sup>†</sup>	RM	Region(s) Tested
W2606CX2	RRX,ST	R		2.6 INNO	
W2805CX2	RRX	R		2.8 INNO	
W2819E3	E3	R		2.8 INNO	
W3020E3	E3	R		3.0 INNO	
W3105CX2	RRX	R		3.1 INNO	
W3220E3	E3	R		3.2 INNO	
W3306CX2	RRX	R		3.3 INNO	
W3420E3	E3	R		3.4 INNO	

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**PRODUCT SUFFIX IDENTIFIERS**

Code	Product Suffix Description
§	United Soybean Board sponsored entry
CK	Check product found in early- and full-season tests
GC	“Grower Comparison” product for farmer cooperators

**TECHNOLOGY (Tech.) ABBREVIATIONS**

Code	Technology Description
G27	GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant

**SOYBEAN CYST NEMATODE (SCN) RESISTANCE RATING**

Code	Soybean Cyst Nematode Description
?	Information not provided
S	susceptible
MR	moderate resistance
R	resistant

**SEED TREATMENT\* (STrt) ABBREVIATIONS**

Code	Technology Description
?	Information not provided
A2020	Alert 2020™
AC	Acceleron® fungicide products
ACi	Acceleronv® fungicide and insecticide products
ASfi	AgriShield® F+I
AVBV	Avicta® Complete Beans with Vibrance
BB	Buckeye Boost ST
CCB	Clariva™ Complete Beans
CI	Clariva™ pn
CMB	CruiserMaxx® Beans
CMBV	CruiserMaxx® Beans with Vibrance
DPHB	DPH Boost®
DST	Dominance™ ST
DX	Defend™ Extra
EcTC	Eclipse™ US Total coverage
EE	Evergol™ Energy
EL	Elevate™ F+I
ELV	Elevate™ Plus
En	Encase®
EQV	Equity® VIP
Es	Escalate™
F	fungicide
G	Gaucho®
Gr+	Great Start™ Max Plus
I	insecticide
IL	ILeVO®
IS	Intego™ Suite
Lu	Lumisena™
Me	Mertect®
None	untreated
Pd	proTect D™
PG+	Profit Guard +™
PS	MAS Pro-Shield
PV	Poncho®/Votivo®
R	Redigo®
Ret	Revise SB+T
Ri	Rizolex™
SFI	Stine XP fungicide
SFI	Stine XP fungicide & insecticide
SS	Soyshield™
SS+	Soyshield Plus™
TE	Trius Elite™
TT	Turbo Treat™
YPP	YP Pro™

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[www.firstseedtests.com](http://www.firstseedtests.com)

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State	Region	Manager	Entries per Test		Maturity Range per Test		
			Early/All	Full	Early/All	Full	
DE/MD	<b>DMNO</b>	Delaware Maryland North	Kauffman	42	--	3.7 - 4.7	--
IA	<b>IANC</b>	Iowa North Central	Rozenboom	48	48	2.1 - 2.5	2.6 - 2.9
IA	<b>IANO</b>	Iowa North	Rozenboom	45	45	1.7 - 2.1	2.2 - 2.5
IA	<b>IANW</b>	Iowa Northwest	Rozenboom	36	42	2.1 - 2.4	2.5 - 2.8
IA	<b>IASC</b>	Iowa South Central	Meinsma	36	45	2.3 - 2.7	2.8 - 3.2
IA	<b>IASO</b>	Iowa South	Meinsma	72	--	2.5 - 3.6	--
IL	<b>ILNC</b>	Illinois North Central	Beyers	63	--	2.8 - 3.8	--
IL	<b>ILNO</b>	Illinois North	Beyers	72	--	2.4 - 3.3	--
IL	<b>ILSC</b>	Illinois South Central	Beyers	54	--	3.3 - 4.3	--
IL	<b>ILSO</b>	Illinois South	Schelp	45	--	3.5 - 4.6	--
IL/IA/WI	<b>NCSL</b>	North Central State Line	Beyers	72	--	2.1 - 2.9	--
IN	<b>INCE</b>	Indiana Central	Turner	45	--	2.8 - 3.8	--
IN	<b>INNO</b>	Indiana North	Turner	48	--	2.4 - 3.4	--
KS	<b>KSEC</b>	Kansas East Central	Stuteville	36	--	3.7 - 4.7	--
KS	<b>KSNE</b>	Kansas Northeast	Stuteville	36	--	3.4 - 4.4	--
MN	<b>MNCE</b>	Minnesota Central	Dahle	81	--	1.3 - 2.0	--
MN	<b>MNNC</b>	Minnesota North Central	Dahle	72	--	0.6 - 1.5	--
MN	<b>MNSC</b>	Minnesota South Central	Querna	36	42	1.5 - 1.8	1.9 - 2.2
MN	<b>MNSO</b>	Minnesota South	Querna	42	48	1.6 - 1.9	2.0 - 2.3
MO	<b>MOCE</b>	Missouri Central	Schelp	54	--	3.5 - 4.6	--
MO	<b>MOSO</b>	Missouri South	Schelp	60	--	3.2 - 4.3	--
NE	<b>NENE</b>	Nebraska Northeast	Rozenboom	41	--	2.6 - 3.4	--
NE	<b>NESE</b>	Nebraska Southeast	Stuteville	45	--	3.1 - 4.0	--
PA	<b>PASE</b>	Pennsylvania Southeast	Kauffman	36	--	2.8 - 3.8	--
ND/MN	<b>RRCE</b>	Red River Central North Dakota & Minnesota	Brendemuhl	60	--	0.2 - 0.9	--
ND/MN	<b>RRNO</b>	Red River North North Dakota & Minnesota	Brendemuhl	54	--	0.007 - 0.4	--
ND/MN	<b>RRSO</b>	Red River South North Dakota & Minnesota	Brendemuhl	60	--	0.6 - 1.4	--
SD	<b>SDEC</b>	South Dakota East Central	Tollefson	54	--	1.6 - 2.3	--
SD	<b>SDNE</b>	South Dakota Northeast	Tollefson	54	--	1.0 - 1.7	--
SD	<b>SDSE</b>	South Dakota Southeast	Tollefson	54	--	2.1 - 2.8	--
WI	<b>WISO</b>	Wisconsin South	Beyers	72	--	1.8 - 2.5	--

**BRAND MANAGEMENT**

**Kevin Coey**

PO Box 1001, Urbana, IL 61803  
General Manager  
Mobile: None  
Email: kevincoey@firstseedtests.com

**Jessie Bhalerao**

14 Oak Ct., Champaign, IL 61822  
Data Manager  
Mobile: 815-246-2112  
Email: jessica.bhalerao@firstseedtests.com

**George Amaya**

1717 West Kirby Ave., Champaign, IL 61821  
Business Development Manager  
Mobile: 217-841-6186  
Email: george.amaya@firstseedtests.com

**FIELD MANAGERS**

**Jason Beyers**

31150 Harvest Rd., Lanark, IL 61046  
Mobile: (815) 985-7369  
Email: beyers@frontiernet.net  
Regions: **ILNC, ILNO, ILSC, NCSL, WISO**

**Luke Brendemuhl**

4032 120th Ave. North, Moorehead, MN 6560  
Mobile: (218) 790-4497  
Email: luke.brendemuhl@firstseedtests.com  
Regions: **RRCE, RRNO, RRSO**

**Ed Dahle**

8389 SW 95th Ave., Ellendale, MN 56026  
Mobile: (507) 456-6624  
Email: ed.dahle@firstseedtests.com  
Regions: **MNCE, MNNC**

**Rob Kauffman**

2978 Homestead Rd., Mount Joy, PA 17552  
Mobile: (717) 413-0763  
Email: rkmaits@aol.com  
Regions: **DMNO, PASE**

**Randy Meinsma**

117 E. Sycamore St., Elizabeth, IL 61028  
Mobile: (815) 238-8007  
Email: randym@firstseedtests.com  
Regions: **IASC, IASO**

**John Querna**

14870 240th Ave., New Richland, MN 56072  
Regions: **MNSC, MNSO**  
Mobile: (715) 222-7437  
Email: john.querna@firstseedtests.com

**Mark Querna**

14870 240th Ave., New Richland, MN 56072  
Regions: **MNSC, MNSO**  
Mobile: (507) 380-9920  
Email: mark.querna@firstseedtests.com

**Corey Rozenboom**

3319 Polk Ave., Sanborn, IA 51248  
Mobile: (319) 830-8886  
Email: corey.rozenboom@firstseedtests.com  
Regions: **IANC, IANO, IANW, NENE**

**William Schelp**

5207 Hatteras Dr., Columbia, MO 65202  
Mobile: (573) 819-7968  
Email: william.schelp@firstseedtests.com  
Regions: **ILSO, MOCE, MONO**

**Adam Stuteville**

25054 Mission Belleview Rd., Louisburg, KS 66053  
Mobile: (913) 206-6080  
Email: adam.stuteville@firstseedtests.com  
Regions: **KSEC, KSNE, NESE**

**Mark Tollefson**

16435 269th Ave., New Richland, MN 56072  
Mobile: (507) 456-2357  
Email: mark.tollefson@firstseedtests.com  
Regions: **SDEC, SDNE, SDSE**

**Matt Turner**

10256 East 450 North, Van Buren, IN 46991  
Mobile: (317) 606-9040  
Email: mattturner1979@yahoo.com  
Regions: **INCE, INNO**

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Test Code	Site Location	Member's Name	Following	Tillage	Planted	Rate	Spacing
<b>DMNO - Delaware Maryland North</b>					<b>Manager: Kauffman</b>		
S2019DMNO1	Chestertown, MD	Mason	wheat/soybean	no-till	6/1	160	30
S2019DMNO2	Quantico, MD	Mulford	corn	no-till	6/4	165	15
S2019DMNO3	Westminster, MD	Armagost	corn	minimum w/o fall till	6/7	165	30
S2019DMNO4	Preston, MD	Schmick	wheat	no-till	6/4	165	15
<b>IANC - Iowa North Central</b>					<b>Manager: Rozenboom</b>		
S2019IANC1	Laurens, IA	Roewe	corn	conventional w/ fall till	6/5	144	30
S2019IANC2	Moorland, IA	Loehr	corn	conventional w/ fall till	6/5	144	30
S2019IANC3	Iowa Falls, IA	Aldinger	corn	conventional w/ fall till	6/4	144	30
S2019IANC4	Waterloo, IA		corn	no-till	5/16	144	30
<b>IANO - Iowa North</b>					<b>Manager: Rozenboom</b>		
S2019IANO1	Lu Verne, IA	Plathe	corn	minimum w/o fall till	5/15	144	30
S2019IANO2	Ledyard, IA	Thilges	corn	no-till	5/15	144	30
S2019IANO3	Osage, IA	Hemann	corn	no-till	5/14	144	30
S2019IANO4	New Hampton, IA	Bruening	corn	no-till	5/15	144	30
<b>IANW - Iowa Northwest</b>					<b>Manager: Rozenboom</b>		
S2019IANW1	Boyden, IA	Diekevers	corn	conventional w/ fall till	6/6	144	30
S2019IANW2	Hartley, IA	Van Beek	corn	conventional w/ fall till	4/6	144	30
S2019IANW3	Galva, IA	Andresen	corn	no-till	6/4	144	30
S2019IANW4	Albert City, IA	Schumann	corn	minimum w/o fall till	6/5	144	30
<b>IASC - Iowa South Central</b>					<b>Manager: Meinsma</b>		
S2019IASC41	Central City, IA	Greif	corn	no-till	6/2	170	15
S2019IASC42	Nevada, IA	Harrison	corn	minimum w/ fall till	6/5	170	15
S2019IASC43	Victor, IA	DeRycke	corn	no-till	6/7	170	15
S2019IASC44	Yale, IA	Mleynek	corn	no-till	6/5	170	15
<b>IASO - Iowa South</b>					<b>Manager: Meinsma</b>		
S2019IASO51	Oakland, IA	Bentley	corn	minimum w/o fall till	6/8	170	15
S2019IASO52	Cambria, IA	Allred	corn	minimum w/ fall till	6/8	170	15
S2019IASO53	Washington, IA	Vittetoe	corn	no-till	6/2	170	15
S2019IASO54	Winterset, IA	Erdman	corn	minimum w/ fall till	6/8	170	15
<b>ILNC - Illinois North Central</b>					<b>Manager: Beyers</b>		
S2019ILNC13	Henry, IL	Knapp	corn	minimum w/o fall till	6/11	170	15
S2019ILNC14	Macomb, IL	Lewis	corn	minimum w/o fall till	6/5	170	15
S2019ILNC15	Thomasboro, IL	Burke	corn	conventional w/ fall till	6/10	170	15
S2019ILNC16	Odell, IL	Bunting	corn	no-till	6/3	170	15
<b>ILNO - Illinois North</b>					<b>Manager: Beyers</b>		
S2019ILNO9	Grand Ridge, IL	Walter	corn	conventional w/ fall till	6/3	170	15
S2019ILNO10	Dixon, IL	Wiggins	corn	conventional w/ fall till	6/8	170	15
S2019ILNO11	Malta, IL	Drendel	corn	no-till	6/3	170	15
S2019ILNO12	Milledgeville, IL	Hollewell	corn	conventional w/ fall till	6/2	170	15



Test Code	Site Location	Member's Name	Following	Tillage	Planted	Rate	Spacing
<b>ILSC - Illinois South Central</b>					<b>Manager: Beyers</b>		
S2019ILSC17	Forsyth, IL	Cullison	corn	conventional w/ fall till	6/1	170	15
S2019ILSC18	Tuscola, IL	Clapper	corn	conventional w/ fall till	6/1	170	15
S2019ILSC19	Viriden, IL	Ladage	corn	conventional w/ fall till	5/31	170	15
S2019ILSC20	Berlin, IL	King	corn	conventional w/ fall till	5/31	170	15
<b>ILSO - Illinois South</b>					<b>Manager: Schelp</b>		
S2019ILSO1	Belleville, IL	Barttelbort	corn	no-till	6/3	140	30
S2019ILSO2	Effingham, IL	Tucker	corn	conventional w/o fall till	6/3	140	30
S2019ILSO3	Flora, IL	Briscoe	corn	minimum w/o fall till	6/12	140	30
S2019ILSO4	Marion, IL	Taylor	corn	conventional w/o fall till	5/20	140	30
<b>INCE - Indiana Central</b>					<b>Manager: Turner</b>		
S2019INCE1	Crawfordsville, IN	Blades	corn	conventional w/o fall till	5/21	140	30
S2019INCE2	Hartford City, IN	Milspaugh	corn	no-till	6/14	140	30
S2019INCE3	Rushville, IN	Peggs	corn	conventional w/o fall till	6/3	140	30
S2019INCE4	Windfall, IN	Lively	corn	-----		NA	30
<b>INNO - Indiana North</b>					<b>Manager: Turner</b>		
S2019INNO5	Wabash, IN	Hoppas	corn	-----	6/19	NA	30
S2019INNO6	Wolcott, IN	Furrer	corn	conventional w/o fall till	5/14	140	30
S2019INNO7	Valparasio, IN	Herrold	corn	no-till	5/16	140	30
S2019INNO8	Howe, IN	Larimer	corn	conventional w/o fall till	6/7	140	30
<b>KSEC - Kansas East Central</b>					<b>Manager: Stuteville</b>		
S2019KSEC1	La Cygne, KS	Stainbrook	corn	-----	6/23	150	30
S2019KSEC2	Louisburg, KS	Stuteville	corn	-----	6/20	150	30
S2019KSEC3	Stilwell, KS	Betts	corn	-----	6/20	150	30
S2019KSEC4	Baldwin City, KS	Ulrich	corn	-----	6/15	150	30
<b>KSNE - Kansas Northeast</b>					<b>Manager: Stuteville</b>		
S2019KSNE5	Holton, KS	Royer	corn	-----	6/15	150	30
S2019KSNE6	Onaga, KS	Greene	soybean	-----	6/14	150	30
S2019KSNE7	Vermillion, KS	Boyle	corn	-----	6/8	150	30
S2019KSNE8	Du Bois, NE	Farwell	rye	-----	6/17	150	30
<b>MNCE - Minnesota Central</b>					<b>Manager: Dahle</b>		
S2019MNCE1	Winthrop, MN	Lindquist	corn	conventional w/ fall till	6/8	140	30
S2019MNCE2	Starbuck, MN	Langman, Sr.	corn	conventional w/ fall till	6/7	140	30
S2019MNCE3	Clinton, MN	Nelson	corn	conventional w/ fall till	6/7	140	30
S2019MNCE4	Lester Prairie, MN	Ide	corn	conventional w/ fall till	6/10	140	30
<b>MNNC - Minnesota North Central</b>					<b>Manager: Dahle</b>		
S2019MNNC1	Royalton, MN	Kasella	corn	conventional w/ fall till	6/4	140	30
S2019MNNC2	Albany, MN	Oveman	corn	conventional w/ fall till	6/3	140	30
S2019MNNC3	Wendell, MN	Biss	corn	conventional w/ fall till	5/31	140	30
S2019MNNC4	Clear Lake, MN	Peterson	corn	conventional w/o fall till	5/16	140	30

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<b>MNSC - Minnesota South Central</b>					<b>Manager: Querna</b>		
S2019MNSC5	Wabasso, MN	Plaetz	corn	conventional w/ fall till	6/6	140	30
S2019MNSC6	Madison Lake, MN	Krenik	corn	conventional w/ fall till	6/10	140	30
S2019MNSC7	Nerstrand, MN	Schrader	corn	conventional w/ fall till	6/3	140	30
S2019MNSC8	Cannon Falls, MN	Beckman	sweet corn, rye	no-till	6/3	140	30
<b>MNSO - Minnesota South</b>					<b>Manager: Querna</b>		
S2019MNSO1	Jeffers, MN	Quade	corn	conventional w/ fall till	6/6	140	30
S2019MNSO2	Easton, MN	Martin	corn	conventional w/ fall till	6/2	140	30
S2019MNSO3	New Richland, MN	Schoenrock	corn	conventional w/ fall till	5/26	140	30
S2019MNSO4	Kasson, MN	Herbst	corn	conventional w/ fall till	5/26	140	30
<b>MOCE - Missouri Central</b>					<b>Manager: Schelp</b>		
S2019MOCE1	Concordia, MO	Lange	corn	no-till	6/4	140	30
S2019MOCE2	Sweet Springs, MO	Strobel	soybean	no-till	6/13	140	30
S2019MOCE3	Perry, MO	Braungardt	corn	no-till	5/16	140	30
S2019MOCE4	Portage Des Sioux, MO	Neustadt	corn	-----		NA	30
<b>MOSO - Missouri South</b>					<b>Manager: Schelp</b>		
S2019MONO1	St. Joseph, MO	Gaskill	corn	conventional w/o fall till	6/7	140	30
S2019MONO2	Chillicothe, MO	Baker	corn	conventional w/o fall till	6/10	140	30
S2019MONO3	Greentop, MO	Sevits	corn	minimum w/o fall till	6/11	140	30
S2019MONO4	Palmyra, MO	Kiefaber	corn	-----		NA	30
<b>NCTS - North Central Iowa, Tri-State Illinois &amp; Wisconsin</b>					<b>Manager: Beyers</b>		
S2019NCSL5	Monroe, WI	Wellnitz	corn	no-till	6/2	170	15
S2019NCSL6	Winnebago, IL	Swanson	corn	no-till	6/10	170	15
S2019NCSL7	Pearl City, IL	Randecker	corn	conventional w/ fall till	6/2	170	15
S2019NCSL8	Janesville, WI	Tracy	corn	no-till	6/8	170	15
<b>NENE - Nebraska Northeast</b>					<b>Manager: Rozenboom</b>		
S2019NENE1	Wayne, NE	Meyer	corn	no-till	6/4	151.3	30
S2019NENE2	McLean, NE	Koehler	corn	conventional w/o fall till	6/4	151.3	30
S2019NENE3	Wisner, NE	Feller	corn	no-till	5/16	151.3	30
S2019NENE4	Scribner, NE	Ready	corn	no-till	5/15	151.3	30
<b>NESE - Nebraska Southeast</b>					<b>Manager: Stuteville</b>		
S2019NESE9	Beatrice, NE	Thimm	corn	-----	6/4	150	30
S2019NESE10	Tecumseh, NE	Farwell	NA	-----	6/4	NA	30
S2019NESE11	Douglas, NE	Dozier	corn	-----	6/3	150	30
S2019NESE12	Union, NE	Smith	corn	-----	6/3	150	30
<b>PASE - Pennsylvania Southeast</b>					<b>Manager: Kauffman</b>		
S2019PASE5	Northumberland, PA	Shoop	corn	no-till	6/12	165	15
S2019PASE6	Martinsburg, PA	Martin	corn	no-till	6/6	165	30
S2019PASE7	Marietta, PA		corn/barley	no-till	6/24	165	15
S2019PASE8	New Bloomfield, PA	Adams	wheat/soy	no-till	6/5	160	30
B2019PACE6	Centre Hall, PA	Wolfe	wheat	no-till	6/2	34	30

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<b>RRCE - Red River Central - North Dakota &amp; Minnesota</b>					<b>Manager: Brendemuhl</b>		
S2019RRCE1	Felton, MN	Brendemuhl	wheat	conventional w/ fall till	5/29	140	30
S2019RRCE2	Georgetown, MN	Brendemuhl	wheat	conventional w/ fall till	5/29	140	30
S2019RRCE3	Hope, ND	Juliuson	corn	conventional w/ fall till	5/30	140	30
S2019RRCE4	E. Grand Forks, MN	Krueger	wheat	conventional w/o fall till	5/30	140	30
<b>RRNO - Red River North - North Dakota &amp; Minnesota</b>					<b>Manager: Brendemuhl</b>		
S2019RRNO1	Warren, MN	Potechek	wheat	no-till	5/20	140	30
S2019RRNO2	Hallock, MN	Klein	wheat	conventional w/ fall till	5/21	140	30
S2019RRNO3	Cavalier, ND	Schluchter	corn	conventional w/ fall till	5/21	140	30
S2019RRNO4	E. Grand Forks, MN	Krueger	wheat	conventional w/ fall till	5/30	140	30
<b>RRSO - Red River South - North Dakota &amp; Minnesota</b>					<b>Manager: Brendemuhl</b>		
S2019RRSO1	Milnor, ND	Larson	corn	conventional w/o fall till	6/1	140	30
S2019RRSO2	Barnesville, MN	Thompson	corn	no-till	6/1	140	30
S2019RRSO3	Great Bend, ND	Fenske	corn	conventional w/ fall till	6/3	140	30
S2019RRSO4	Wheaton, MN	Raguse	corn	minimum w/ fall till	6/6	140	30
<b>SDEC - South Dakota East Central</b>					<b>Manager: Tollefson</b>		
S2019SDEC5	Watertown, SD	Keltgen	corn	no-till	5/25	140	30
S2019SDEC6	Salem, SD	Christensen	corn	conventional w/o fall till	5/25	140	30
S2019SDEC7	Colton, SD	Snoozy	corn	minimum w/o fall till	5/26	140	30
S2019SDEC8	Arlington, SD	Bjorklund	corn	no-till	5/23	140	30
<b>SDNE - South Dakota Northeast</b>					<b>Manager: Tollefson</b>		
S2019SDNE9	Arlington, SD	Bjorklund	corn	no-till	5/23	140	30
S2019SDNE10	Mansfield, SD	Sperry	corn	no-till	5/16	140	30
S2019SDNE11	Bath, SD	Sperry	corn	no-till	5/16	140	30
S2019SDNE12	Webster, SD	Zenk	oat	no-till	5/25	140	30
<b>SDSE - South Dakota Southeast</b>					<b>Manager: Tollefson</b>		
S2019SDSE1	Colton, SD	Snoozy	corn	conventional w/ fall till	5/22	140	30
S2019SDSE2	Beresford, SD	Frick	corn	minimum w/ fall till	5/18	140	30
S2019SDSE3	Dell Rapids, SD	Brown	corn	no-till	5/22	140	30
S2019SDSE4	Salem, SD	Christensen	corn	conventional w/ fall till	5/18	140	30
<b>WISO - Wisconsin South</b>					<b>Manager: Beyers</b>		
S2019WISO1	Arlington, WI	Stibbs	corn	no-till	5/23	170	15
S2019WISO2	Oregon, WI	Klahn	corn	no-till	6/8	170	15
S2019WISO3	Cobb, WI	Walter	corn	no-till	6/2	170	15
S2019WISO4	Watertown, WI	Weichmann	corn	no-till	5/29	170	15

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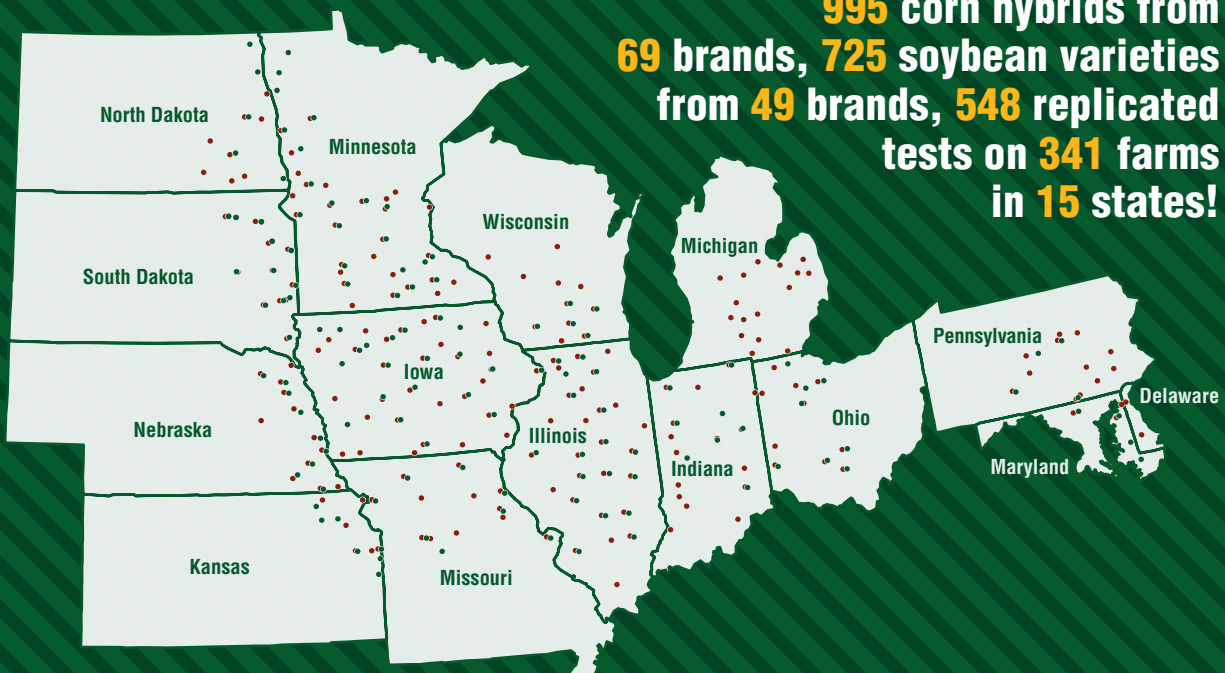
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