

# first

farmers' independent research of seed technologies

CORN AND SOYBEAN YIELD GUIDE

2017



**OUR MISSION:**  
To Provide Timely,  
Unbiased Comparisons  
of Innovative Seed  
Genetics to Improve  
Yield and Profitability  
for American Corn and  
Soybean Farmers.

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

## A NOTE FROM OUR GENERAL MANAGER

Harvest 2017, the 21st for FIRST, is finally coming to a close. This Yield Guide is compiled from the 524 tests conducted by the 12 independent businessmen, our field managers, listed on pages 5, 13, and 23. These FIRST Field Managers and I work collectively to develop and manage all aspects of this process, from designing testing methodology to delivering the corn grain and soybean performance information to the farming community within days of harvest.

Every growing season presents a different set of challenges and 2017 did not disappoint. Ideal April planting opportunities became “Will

the seedlings emerge/survive?” as conditions turned cool and wet in many areas. The dry July to September conditions across most of our testing area created concern for low crop yields. Fortunately, below normal August temperatures minimized crop stress which allowed this crop to produce better than anticipated yield in many areas. This yield saving temperature created a big harvest season challenge, slow crop maturation and grain drydown. This delayed crop harvest while we waited for grain to field dry as low commodity prices did not support grain drying costs.

These challenges give us a new perspective for evaluating seed products. Selecting corn products with rapid grain drydown to allow ear-

ly harvest or strong stalks suited for a delayed harvest may be key. Soybean products with good tolerance to white mold, iron deficiency chlorosis (IDC), or pod shatter may be of great importance after this season. Whatever your key criterion, we hope this Yield Guide will help you find products best suited for the challenges on your farm.



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## HOW TO USE THIS GUIDE

2017 was a very rewarding but difficult growing season. Still the yields and data quality are high, and given the array of seed options and the modest price for grain currently, this guide can be particularly helpful. Finding the best seed for your farm will mean matching the fields you will be planting Spring of 2018 with the brands and products best adapted to your goals. Genetic performance is only one factor to consider when selecting seed but a very important one because of the differences in how they compete in the field. The Yield Guide is a great place to begin evaluating seed test results from FIRST.

The big picture is meaningful when considering the very specific needs from one farm to the next but there are two other important reasons to consider hybrids with high yield over a large area. First, a wider area of adaptation means that a hybrid is better equipped to deal with a larger number of growing conditions, and because no one can know what next year's weather will bring, this “trait” has proven to be a money maker over the years. Second, identifying several broadly adapted hybrids (or soybean varieties) can serve as standards or checks while reviewing data summaries per region or per test site. The best seed for your farm is found by noting the “big picture” first, then drilling down to the details to focus on test results that best

represent the duties any one seed product will be asked to perform over the coming season.

Making a study of seed data is not usually something growers do. But with a little effort you'll have something to bring to the table when consulting with the seed dealers you trust to help.

**1.** Start with the tables in this guide. They are arranged by three areas of the Corn Belt and by 4 or 5 ranges in crop maturity. Identify the region where your farm is located and choose a couple of these tables each for seed corn and for soybean.

**2.** The left side of the table describes the seed products and the right side shows the average number of bushels per acre above

or below the average of all products tested. The products in the table are all above average. Focus on the right side and highlight the region of interest every time it appears.

**3.** Highlight the product names for all those that include data from your region. Then eliminate products either not above average in your region, or not tested anywhere in both 2016 and 2017 (in bold font), or because they do not offer the seed technology you require or for any reason you choose.

**4.** Every regional average in the table represents 18 to 20 replications normally, so if you find a product tested in say 4 regions and half of those are in bold, then the overall yield

advantage the last two years comes from over 100 replications! Make a list of the brands and products that interest you most.

**5.** Go to [www.firstseedtests.com](http://www.firstseedtests.com). You'll find a menu at the top center of the home page that will send you to the regional reports or the individual test site reports. Print all of those for your region and find the seed products you listed on each. Eliminate reports that do not represent your farm based on soil type or fertility, tillage, planting date or in some other meaningful way. Add or subtract from your list based on consistent yield performance, standability, gross income or brand.

**6.** Place the printed pages in the Yield Guide and find the customer service number for brands you'd like to learn more about. When visiting with a brand's technical or sales staff, refer to the products you've found and ask them to relate any other product they recommend with those that you know something about.

Many corn and soybean growers have used FIRST seed tests to open doors to new brands and the diversity and services they offer. Maybe the best application of the results is just that. Stay tuned-in and aware of new developments and opportunities. If we at FIRST can be of any assistance to you, please write to us at [info@firstseedtests.com](mailto:info@firstseedtests.com) and your question will be forwarded to the Field Manager in your area.

Thank you for allowing our work to work for you!

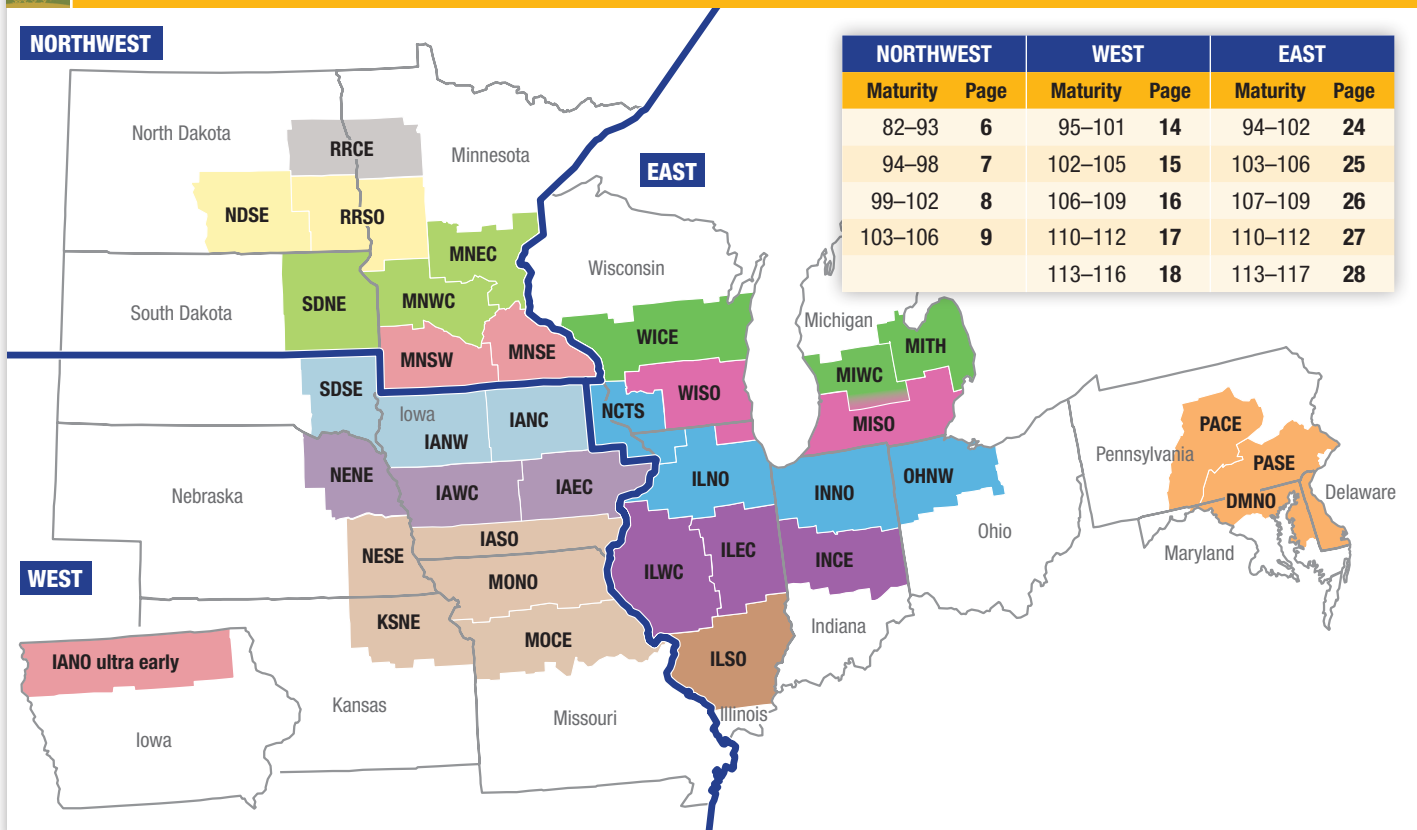
### **KEVIN COEY**

*Director*

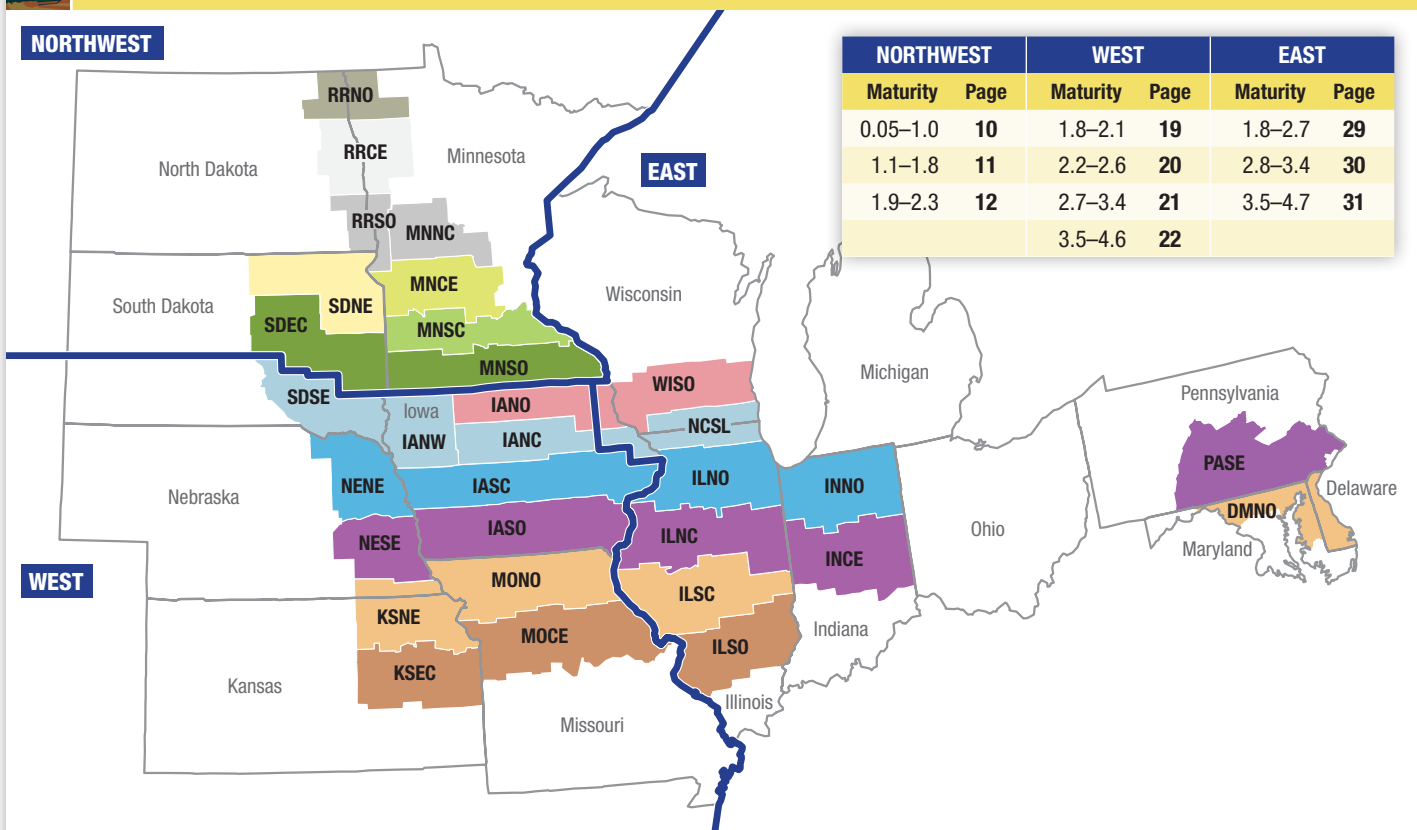
*Special Note: The FIRST organization gratefully acknowledges the 2017 financial support provided by the United Soybean Board. Their assistance in sponsoring our soybean tests, funding the grain quality analysis and distribution of information products, such as this publication, are valuable contributions to our success.*

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# CORN | Testing Regions and Table of Contents



# SOYBEAN | Testing Regions and Table of Contents





## Technologies

<b>3000GT</b>	Agrisure® 3000GT (CB, RW, LL, GT)
<b>3010</b>	Agrisure® 3010 (CB, LL, GT)
<b>3011, A</b>	Agrisure® Artesian® (CB, RW, LL, GT)
<b>3110</b>	Agrisure® Viptera® 3110 (Vip, CB, LL, GT)
<b>3111</b>	Agrisure® Viptera® 3111 (Vip, CB, RW, LL, GT)
<b>3120</b>	Agrisure® 3120 (CB, HX, LL, GT)
<b>3122</b>	Agrisure® 3122 (CB, HXX, RW, LL, GT)
<b>3220</b>	Agrisure® Viptera® 3220 (Vip, CB, HX, LL, GT)
<b>A</b>	Agrisure® Artesian®
<b>AM</b>	Optimum® AcreMax® (YGCB, HX, LL, RR2)
<b>AMT</b>	Optimum® AcreMax®TRIssect (HX, RW, LL, RR2)
<b>AMX</b>	Optimum® AcreMax® Xtra (YGCB, HXT, LL, RR2)
<b>AMXT</b>	Optimum® AcreMax® Xtreme (YGCB, HXT, RW, LL, RR2)
<b>AQ</b>	Optimum® AQUAMax®
<b>BG</b>	Balance™ GT tolerant soybean
<b>CB</b>	Agrisure® Corn Borer
<b>DG</b>	Genuity® DroughtGard®
<b>GT</b>	Agrisure® GT
<b>HX</b>	Herculex® 1, contains LL
<b>HXRW</b>	Herculex® Rootworm, contains LL
<b>HXT</b>	Herculex® Xtra (HX, HXRW, LL)
<b>LL</b>	LibertyLink®
<b>None</b>	conventional, non-GMO

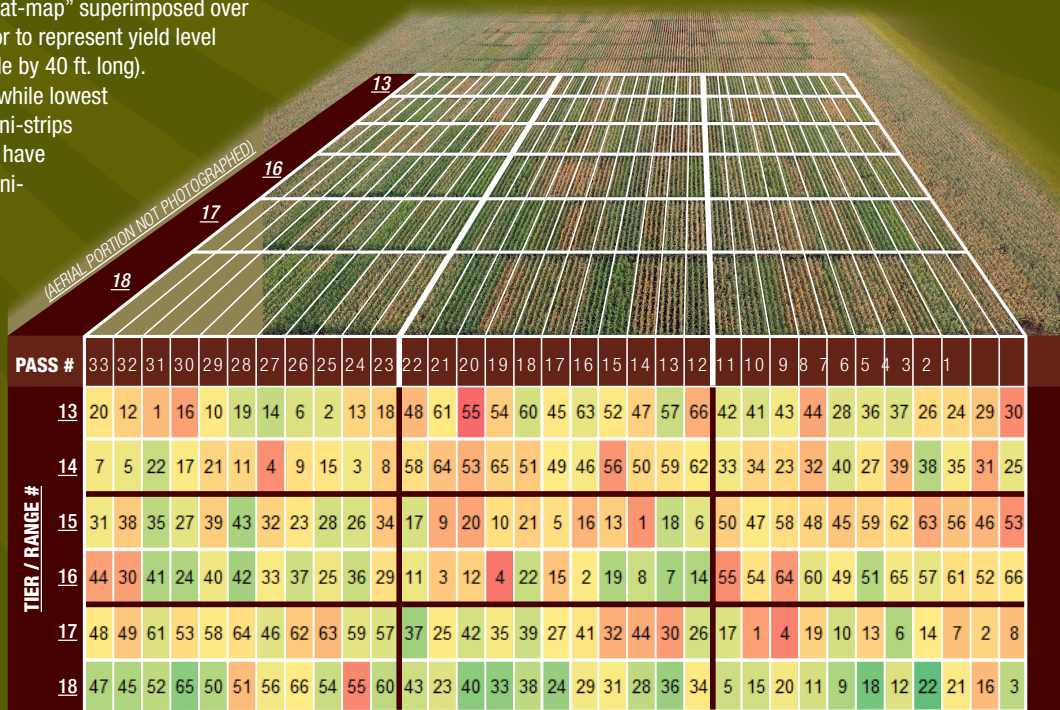
<b>OI</b>	Optimum® Intrasect®, YHR (YGCB, HX, LL, RR2)
<b>OIX</b>	Optimum® Intrasect® Xtra, YXR (YGCB, HXT, LL, RR2)
<b>OIXT</b>	Optimum® Intrasect® Xtreme (YGCB, HXT, RW, LL, RR2)
<b>PC</b>	PowerCore™ (HX, VT2P)
<b>RR</b>	Glyphosate tolerant soybean
<b>RR2</b>	Roundup Ready® 2 Corn
<b>RR2Y</b>	Genuity® Roundup Ready 2 Yield®
<b>RRX</b>	Roundup Ready 2 Xtend®
<b>RW</b>	Agrisure® Rootworm
<b>ST</b>	Sulfonylurea herbicide tolerant
<b>STX</b>	SmartStax® (VT3P, HXT, RR2, LL)
<b>VT2P</b>	Genuity® VT Double PRO®
<b>VT3P</b>	Genuity® VT Triple PRO®
<b>YGCB</b>	YieldGard® Corn Borer

**G2®** brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, Power Plus®, RPM®, Supreme EX® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.



## Test Site Heat Map with Aerial Overview for Comparison

The aerial image shows the three 2015 FIRST corn tests located in Paullina, Iowa hosted by farmer member Mark Hibbing. The IANW region full-season test (closest), early-season test and IANO Ultra Early-season tests (farthest) are shown. The “heat-map” superimposed over the full-season test uses color to represent yield level for each mini-strip (10 ft. wide by 40 ft. long). Highest yield is bright green while lowest yield levels are bright red. Mini-strips containing the same number have identical seed products (3 mini-strips per product).



LEGEND VALUES	
267.0	YIELD MAXIMUM
230.3	YIELD AVERAGE
185.5	YIELD MINIMUM

PASS #	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
13	20	12	1	16	10	19	14	6	2	13	18	48	61	55	54	60	45	63	52	47	57	66	42	41	43	44	28	36	37	26	24	29	30
14	7	5	22	17	21	11	4	9	15	3	8	58	64	53	65	51	49	46	56	50	59	62	33	34	23	32	40	27	39	38	35	31	25
15	31	38	35	27	39	43	32	23	28	26	34	17	9	20	10	21	5	16	13	1	18	6	50	47	58	48	45	59	62	63	56	46	53
16	44	30	41	24	40	42	33	37	25	36	29	11	3	12	4	22	15	2	19	8	7	14	55	54	64	60	49	51	65	57	61	52	66
17	48	49	61	53	58	64	46	62	63	59	57	37	25	42	35	39	27	41	32	44	30	26	17	1	4	19	10	13	6	14	7	2	8
18	47	45	52	65	50	51	56	66	54	55	60	43	23	40	33	38	24	29	31	28	36	34	5	15	20	11	9	18	12	22	21	16	3



## NORTHWEST | Meet the Managers

Corn yield averages from FIRST plots in the Northwestern Corn Belt for 2017 were down about 18 bu/a from 2016, but the full-season tests ran 4-5 bushels ahead of early-season hybrids just as in the previous year. Sites at LITCHVILLE and ORISKA, ND were short 5+ inches of summer rain, effecting pollination and kernel development. Wind storms there and in CAVOUR, SD caused significant lodging in some hybrids. Favorable conditions at the CANNON FALLS, EYOTA and KASSON sites in Southeastern Minnesota produced 12 bu/a more than 2016, largely due to mod-

erate summer and fall temperatures, timely rain and excellent plant health - all together slowing dry-down and raising grain moisture at harvest. Yield potential under stress typical of the Northwestern Corn Belt is in the spotlight at many of these sites this year.

Soybean yield averages were also down in 9 out of 10 regions in the Northwest, averaging 7 bu/a below 2016 and only slightly higher in East Central South Dakota. Crude protein percentages were also below their average in most regions. Yield limiting factors were var-

ied and site specific. The plot at HALMA, MN just miles from the Canadian border saw too much rain in August and suffered from white mold and empty pods at the top of plants. The site at DURBIN, ND was short on late summer rain. Tests in WABASSO, MN sat in saturated, heavy soils through much of the summer, discouraging root development, limiting nutrition and reducing plant height. Readers are encouraged to make particular note of soil type, tillage and rotation when reviewing Harvest Reports from soybean tests in the Northwest this year.



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CORN REGIONS: MNSE, MNSW



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CORN REGIONS: NDSE, RRCE



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CORN REGIONS: MNWC, MNCE



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CORN REGIONS: RRSO, SDNE, SDSE

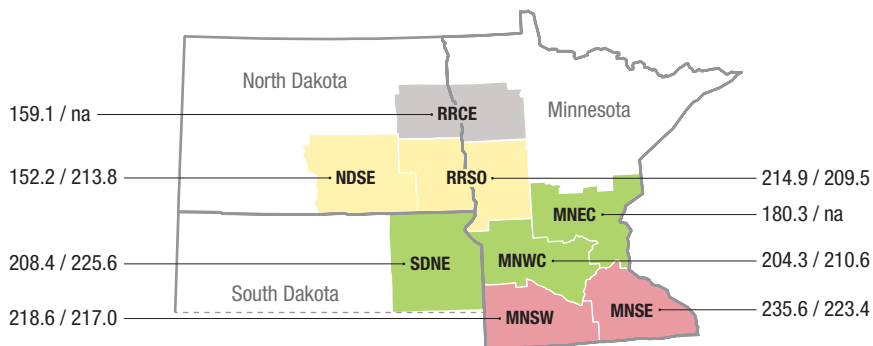


**LEON SCHOENROCK**, New Richland, MN  
FIRST Member

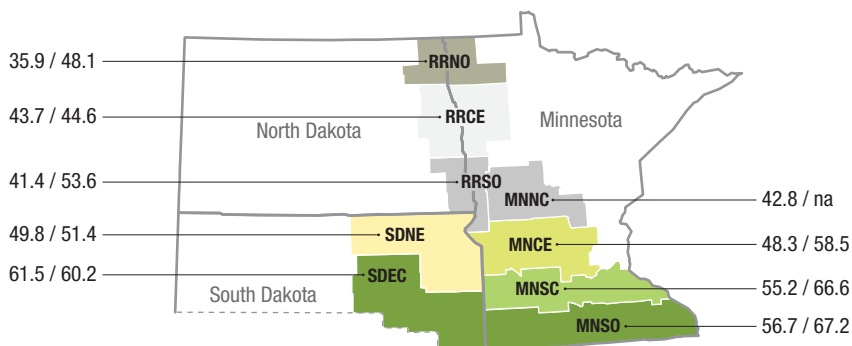
*"I think I use FIRST trials to confirm that the companies I do business with are competitive yielding."*

FIRST Field Manager  
**MARK QUERNA**  
IMQ, LLC

### CORN Yield (bu/a) Averages 2017 / 2016, respectively



### SOYBEAN Yield (bu/a) Averages 2017 / 2016, respectively

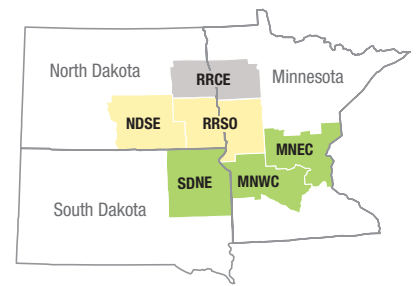


# NORTHWEST CORN

## 82-93 DAY RM

REGIONS **MNEC, MNWC, NDSE, RRCE, RRSO, SDNE**

- ▶ 180 products tested in 2016-2017
- ▶ 69 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 41 with zero or higher yield advantage



Product information			2016-2017 Yield Summary						
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region				
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only
Mustang	3287VT2PRIB	VT2P	86.0	12.7	NDSE 8.5	RRCE 16.9			
NuTech	5N-183	3000GT	84.2	11.7	RRCE 7.7	<i>RRSO 14.5</i>			
REA	2B861	VT2P	85.9	11.4	NDSE 11.8	RRCE 10.9			
Dyna-Gro	D25VC66	VT2P	84.1	10.5	RRCE -2.0	<i>RRSO 18.8</i>			
NK Brand	NK9227-3110A	3110,A	89.5	10.4	RRCE 4.7	<i>RRSO 14.2</i>			
REA	3B902	VT2P	89.2	9.0	NDSE -0.2	RRCE 11.7	RRSO 14.1		
Proseed	PX787VT2PRIB	VT2P	86.1	8.5	NDSE 3.2	RRCE 13.8			
REA	2B840-RIB	VT2P	83.4	7.9	RRCE 2.2	<i>RRSO 11.8</i>			
Latham	LH4147VT2ProRIB	VT2P	91.0	7.4	<b>NDSE 4.0</b>	<b>RRCE 3.8</b>	<b>RRSO 10.6</b>	SDNE 9.2	
Latham	LH3487VT2Pro	VT2P	83.4	7.1	RRCE 0.3	<i>RRSO 11.7</i>			
Hefty	H3712VT2PRIB	VT2P	86.1	6.8	NDSE 1.0	RRCE 12.6			
Latham	LH3695VT2Pro	VT2P	86.0	6.7	NDSE -3.9	RRCE 17.2			
Latham	LH4097VT2ProRIB	VT2P	88.9	5.7	<b>NDSE 6.4</b>	<b>RRCE 4.1</b>	<b>RRSO 5.8</b>		
Mustang	2290VT2PRIB	VT2P	89.4	5.6	NDSE 7.2	RRCE 6.8	RRSO 3.4		
Thunder	6789VT2PRIB	VT2P	88.5	5.4	<b>NDSE 1.7</b>	<b>RRCE 2.1</b>	<b>RRSO 9.6</b>		
Taylor	T8291RIB	VT2P	91.4	5.4	NDSE 0.3	RRCE 10.4			
Renk	RK433RR	RR2	91.9	4.8	NDSE 7.2	RRSO 3.0			
Hefty	H3902VT2PRIB	VT2P	88.5	4.3	NDSE 12.0	RRCE 0.7	RRSO 0.9		
Proseed	1591VT2PRIB	VT2P	91.9	4.2	MNEC 3.9	MNWC 1.3	<b>NDSE -1.7</b>	<b>RRCE 10.2</b>	<b>RRSO 7.1</b>
Taylor	EXP 87	VT2P	86.0	4.2	NDSE 2.6	RRCE 5.8			
Thunder	6791VT2PRIB	VT2P	91.4	4.2	<b>NDSE 3.2</b>	<b>RRCE -1.1</b>	<i>RRSO 12.7</i>	<b>SDNE 2.7</b>	
Latham	LH4242VT2ProRIB	VT2P	93.4	4.0	<b>NDSE 0.5</b>	<i>RRCE 3.0</i>	<i>RRSO 0.9</i>	<b>SDNE 8.4</b>	
Golden Harvest	G85Z56-3110	3110	84.0	4.0	RRCE -3.1	<i>RRSO 8.7</i>			
Mustang	3285VT2PRIB	VT2P	84.2	3.9	<i>NDSE 0.1</i>	<b>RRCE -5.0</b>	<i>RRSO 13.8</i>		
REA	4B931-RIB	VT2P	92.6	3.6	<b>NDSE 0.4</b>	<i>RRCE -0.6</i>	<b>RRSO 7.8</b>	<b>SDNE 2.1</b>	
Mustang	3292VT2PRIB	VT2P	93.1	3.1	NDSE 2.1	<b>RRSO 1.3</b>	<b>SDNE 5.3</b>		
Hefty	H4012VT2P	VT2P	90.4	2.9	NDSE 3.3	RRCE -5.3	RRSO 9.3		
Dyna-Gro	D32VC41	VT2P	91.8	2.9	<i>NDSE 1.6</i>	<i>RRCE -5.3</i>	<b>RRSO 4.1</b>		
Anderson	742R	RR2	92.3	2.9	<b>RRSO 2.9</b>				
Legacy Seeds	L-3017VT2PRO	VT2P	91.3	2.8	NDSE 8.0	RRSO 3.4	SDNE -1.2		
Mustang	4291VT2PRIB	VT2P	91.1	2.6	<b>NDSE 4.6</b>	<b>RRCE 4.7</b>	<b>RRSO 3.7</b>	<b>SDNE -1.0</b>	
Latham	LH3877VT2ProRIB	VT2P	88.5	2.4	<b>NDSE 4.2</b>	<b>RRCE -5.6</b>	<b>RRSO 4.8</b>		
Prairie Brand	3578RA	3220	85.5	2.2	NDSE 2.2	RRCE 2.2			
Latham	LH3937VT2Pro	VT2P	90.8	1.9	NDSE 6.3	RRCE 4.2	RRSO -3.3		
Mustang	2289VT2PRIB	VT2P	88.6	1.9	<b>NDSE 4.6</b>	<b>RRCE -0.3</b>	<b>RRSO 0.9</b>		

**FIRST gratefully acknowledges our Seed Sponsors!**  
 Call your seed representative today for more information on the product(s) you're interested in planting next year!



**AgriGold**  
 5381 Akin Road, St. Francisville, IL 62460  
 800.262.7333  
 www.agrigold.com



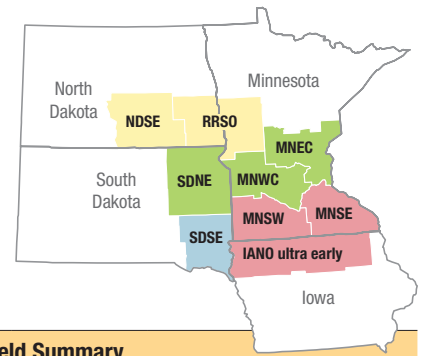
**Anderson Seeds**  
 Of St. Peter, MN  
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 37825 County Rd. 63, St. Peter, MN 56082  
 (507) 246-5032

# NORTHWEST CORN

## 94-98 DAY RM

REGIONS **IANO, MNEC, MNSE, MNSW, MNWC, NDSE, RRSO, SDNE, SDSE**

- ▶ 172 products tested in 2016-2017
- ▶ 83 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 40 with zero or higher yield advantage



Product information			2016-2017 Yield Summary									
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region							
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only			
Pfister	1785GT3	3000GT	98.6	18.2	IANO 9.4	MNSE 35.5	MNSW 33.0	SDSE -3.4				
Golden Harvest	G97N86-3110	3110	96.8	13.7	MNSE 20.4	MNWC 5.3						
Federal	4580VT2P	VT2P	96.4	11.2	IANO 4.4	MNWC 16.3	SDNE 14.6					
LG Seeds	LG5465VT2P	VT2P	98.3	10.9	IANO 6.8	MNSE 15.2	MNSW 26.9	MNWC 4.9	SDNE 8.6			
Mustang	3294VT2PRIB	VT2P	94.2	10.2	<b>MNWC 4.2</b>	<b>NDSE 17.4</b>	<i>RRCE 11.0</i>	<b>RRSO 11.3</b>	<b>SDNE 9.3</b>			
Viking	44-98	None	98.1	10.0	IANO 8.4	MNSE 12.9	MNSW 8.9					
Mustang	4297VT2PRIB	VT2P	98.0	9.2	MNSE 19.0	MNSW 13.7	MNWC 9.0	RRSO 2.9	SDNE 2.6			
NuTech/G2 Gen	5F-196	AM	97.3	9.0	<b>IANO 14.5</b>	MNEC 10.0	<b>MNSE 8.0</b>	<b>MNSW 12.9</b>	<b>MNWC 11.3</b>			
					RRSO -2.4	<b>SDNE 3.5</b>						
Channel	197-68STXRIB	STX	98.5	8.3	<b>IANO 8.3</b>							
Dahlman	R48-21VT2P	VT2P	96.6	8.0	MNSW 6.6	MNWC 10.2	RRSO 7.5					
Dahlman	R47-24VT2PRIB	VT2P	94.4	7.7	<i>MNWC 3.4</i>	NDSE 9.7	<b>RRSO 9.4</b>					
Hefty	H4612VT2P	VT2P	96.7	7.7	MNEC 5.7	MNWC 11.4	RRSO 2.3	SDNE 11.4				
Latham	LH4437VT2ProRIB	VT2P	94.2	6.6	<b>MNWC -0.2</b>	<b>NDSE 12.5</b>	<i>RRCE 8.0</i>	<b>RRSO 11.6</b>	<b>SDNE 3.3</b>			
Thunder	6794VT2PRIB	VT2P	94.9	6.3	MNEC 11.0	MNWC -2.8	NDSE 11.2	RRSO 11.5	SDNE 1.0			
Dahlman	R48-28VT2P	VT2P	95.8	6.3	MNWC 12.7	RRSO 1.1						
Federal	4470VT2P	VT2P	94.1	5.8	<b>SDNE 5.8</b>							
Dyna-Gro	D34VC54	VT2P	94.4	5.5	<b>MNWC 4.3</b>	NDSE 14.3	<b>RRSO 5.8</b>	<b>SDNE 3.1</b>				
Golden Harvest	G96V99-3120-EZR	3120	97.4	5.5	IANO 10.8	MNEC -8.7	MNSE 22.0	MNSW 11.8	MNWC -9.7			
					SDNE 3.3							
Thunder	4695RR	RR2	96.2	5.5	MNEC 10.4	MNWC 2.6	RRSO 2.9					
Heine	627VT3PRORIB	VT3P	93.7	5.4	<b>SDNE 5.4</b>							
Legacy Seeds	L-3416VT2PRORIB	VT2P	94.2	5.1	MNWC -6.5	NDSE 14.7	RRSO 7.6	SDNE 4.5				
Federal	4770VT2PRIB	VT2P	98.5	4.9	IANO 5.9	SDNE 11.2	SDSE -3.9					
Anderson	6284	None	98.2	4.8	<b>MNSE 3.1</b>	<b>MNSW 6.7</b>						
Legacy Seeds	L-3712VT2PRORIB	VT2P	96.7	4.2	MNWC 4.3	RRSO 0.4	SDNE 7.4					
Legacy Seeds	L-3816VT2PRODG	VT2P	97.3	3.5	MNWC 3.2	RRSO 5.3	SDNE 2.3					
Wyffels	W2086RIB	VT2P	98.2	3.5	IANO 5.8	MNSE 8.1	MNSW -3.9					
Hefty	H4812VT2P	VT2P	97.7	3.4	IANO -8.1	MNEC 9.6	MNSE 8.8	MNSW 3.5	MNWC 8.1			
					SDNE 10.7	SDSE -6.6						
Federal	4880VT2P	VT2P	97.3	2.3	IANO 0.7	MNEC 2.8	MNWC -2.3	SDNE 8.2	SDSE 0.4			
Latham	LH4657VT2Pro	VT2P	97.3	2.3	IANO 2.2	MNEC 6.2	MNSE -15.1	MNSW -12.6	MNWC 13.4			
					RRSO 5.5	SDNE 15.9						
Legacy Seeds	L-3626VT2PRORIB	VT2P	96.0	2.3	MNWC 4.6	RRSO 0.5						



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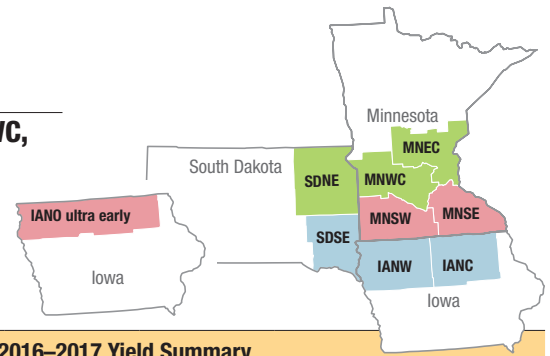
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# NORTHWEST CORN

## 99-102 DAY RM

REGIONS **IANC, IANO, IANW, MNEC, MNSE, MNSW, MNWC, SDNE, SDSE**

- ▶ 155 products tested in 2016-2017
- ▶ 77 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 44 with zero or higher yield advantage



Product information			2016-2017 Yield Summary							
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region					
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only	
Viking	57-01N	None	99.8	11.9	IANO 5.4	<b>MNSE 8.9</b>	MNSW 26.5			
Epley	E1020	None	99.1	11.8	IANO 14.2	MNSE 8.4	MNSW 12.3			
Hefty	H5212VT2P	VT2P	101.3	11.8	MNSW 10.0	MNWC 11.5	SDSE 13.8			
Federal	5280VT2P	VT2P	101.6	10.7	IANC 1.8	IANW 6.6	MNEC 8.4	MNSW 24.7	MNWC 15.6	
Hefty	H5214SS	STX	102.6	10.0	IANC 10.7	IANW 2.5	MNEC 8.4	MNSE 16.2	MNWC 14.8	
Viking	89-99N Art	None,A	98.6	10.0	<b>IANO 2.4</b>	MNSE 23.6	<b>MNSW 11.5</b>			
Dyna-Gro	D39DC43	VT2P,DG	98.8	9.4	<b>IANO 6.0</b>	MNSE 7.7	MNSW 6.0	MNWC 8.1	<b>SDNE 16.4</b>	
Latham	LH5245VT2Pro	VT2P	102.1	8.9	IANC 9.0	IANW 9.6	MNEC 8.0	MNSE 11.8	MNSW 0.9	
Heine	739VT2PRO	VT2P	101.6	8.5	<b>SDSE 8.5</b>					
Kruger	K4R-9802	STX	103.5	7.2	<b>IANC 5.2</b>	<b>IANW 9.3</b>				
Hefty	H5003VT2PDGRIB	VT2P,DG	99.7	6.7	MNEC 5.8	MNSW 4.1	MNWC 3.9	SDNE 11.5	SDSE 6.8	
Prairie Brand	5148GT	GT	101.6	6.3	IANC 1.8	IANW -4.2	MNSW 29.7	MNWC 2.6	SDSE 3.9	
Titan Pro	TP 75-01 SS	STX	100.6	6.3	MNEC 7.5	MNSE 6.5	MNSW 9.4	MNWC -1.9	SDSE 8.3	
Wyffels	W2198RIB	STX	98.7	6.0	<b>IANO 8.5</b>	MNEC 7.0	<b>MNSE 4.4</b>	<b>MNSW 4.6</b>		
Titan Pro	TP 65-00 2P	VT2P,DG	99.2	6.0	<b>IANO 5.9</b>	MNEC 9.1	<b>MNSE 3.7</b>	<b>MNSW -1.4</b>	<b>MNWC 7.1</b>	
Wyffels	W3076RIB	VT2P	102.5	6.0	<i>IANC 7.0</i>	<i>IANW 7.2</i>	<b>MNSE 2.8</b>	<i>MNSW 11.8</i>		
Mustang	5700VT2PDGRIB	VT2P,DG	99.5	5.7	MNEC 9.1	MNSE 2.3	MNSW -1.8	MNWC 11.0	SDNE 0.7	
AgriGold	A6267STXRIB	STX	102.6	5.5	<b>MNSE 5.5</b>					
Hefty	H5104SSRIB	STX	102.8	4.7	IANW 0.8	MNSE 9.4				
Mustang	7202VT2PRIB	VT2P	102.1	4.7	MNSE 3.0	MNSW 1.2	MNWC 11.1			
Latham	LH5025VT2ProDG	VT2P,DG	99.2	4.6	IANO 7.7	MNSE -0.3	MNSW 0.2	MNWC 11.6	SDNE 1.3	
Renk	RK608DGV2P	VT2P,DG	98.9	4.4	<b>IANO 6.6</b>	<b>MNSE -0.9</b>	<b>MNSW 4.3</b>	<b>MNWC 8.9</b>	<b>SDNE 4.2</b>	
Mustang	6701-3011A	3011,A	100.7	4.0	MNEC 5.1	<i>MNSW 13.1</i>	MNWC 0.6	<i>SDSE -2.3</i>		
LG Seeds	LG5499STXRIB	STX	101.4	3.5	<b>IANC -1.2</b>	<i>IANO 11.9</i>	<b>IANW -5.6</b>	<b>MNSE 9.8</b>	<b>MNSW 9.2</b>	
Mustang	6800SSRIB	STX	100.0	3.1	MNEC -6.1	<b>MNSE 5.8</b>	<i>MNSW 5.6</i>	<i>MNWC 4.4</i>	<i>SDNE 4.5</i>	
REA	5A001	STX	99.9	3.0	SDNE 5.3	SDSE 0.2				
NorthStar	NS100-464GENSSRIB	STX	98.7	2.8	<b>IANO -1.3</b>	<b>MNSE 9.4</b>	<i>MNSW -2.9</i>			



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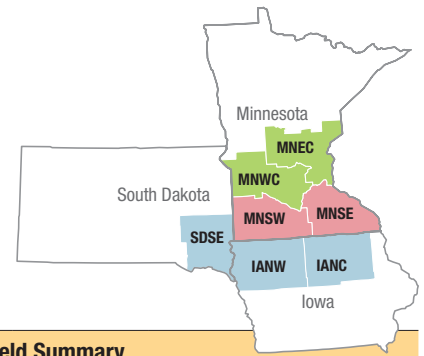


# NORTHWEST CORN

## 103-106 DAY RM

REGIONS **IANC, IANW, MNEC, MNSE, MNSW, MNWC, SDSE**

- ▶ **163** products tested in 2016-2017
- ▶ **73** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **44** with zero or higher yield advantage



Product information			2016-2017 Yield Summary							
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region					
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only	
Wyffels	W4196	VT2P	104.2	18.4	IANC 13.2	IANW 14.4	MNSE 20.2	MNSW 27.7		
Dahlgren	R52-24VT2P	VT2P	102.0	15.6	MNSW 14.4	MNWC 17.2				
NuTech/G2 Gen	5F-504	AM	104.0	14.6	<b>IANC 13.4</b>	<b>IANW 14.5</b>	<i>MNSE 21.0</i>	<b>MNSW 14.5</b>	<b>SDSE 12.8</b>	
Pioneer	P0589AM	AM,AQ	106.1	12.2	IANC 15.3	IANW 9.1				
Mustang	7803SSRIB	STX	103.4	10.9	MNSE 10.5	MNSW 13.0	SDSE 9.1			
Latham	LH5402RR	RR2	102.8	10.7	<b>MNSE 10.4</b>	<i>MNSW 11.5</i>				
Renk	RK642SSTX	STX	103.0	10.6	IANC 12.6	IANW 3.3	MNEC 9.9	MNSE 12.5	MNSW 16.1	
Pfister	65B1RR	RR2	104.7	10.3	IANW 2.5	MNSW 33.6	SDSE -3.7			
Jacobsen Seed	JS4249	None	103.6	9.2	IANC 2.2	MNSE 17.5				
Kruger	K4R-9704	STX	103.6	8.6	IANC 13.9	IANW 3.4				
Dekalb	DKC54-36	None	103.0	8.6	MNSE 13.3	MNSW 4.0				
Kruger	K4R-9504	STX	103.3	8.2	<b>IANC 8.4</b>	<b>IANW 8.0</b>				
NuTech/G2 Gen	X5FN-0306	OI	104.2	8.0	MNSW 7.4	SDSE 8.6				
Latham	LH5635VT2Pro	VT2P	104.4	7.4	IANC 3.7	IANW 7.3	SDSE 11.9			
Viking	42-05	None	104.4	7.1	IANC 4.1	IANW 9.4	MNSW 8.1			
Champion	CSX56A17VT2PRORIB	VT2P	103.4	7.0	<b>IANC 7.5</b>	<b>IANW 6.4</b>				
Channel	203-01STXRIB	STX	102.9	6.8	<i>IANC 9.1</i>	<b>IANW 5.2</b>	<i>MNSE 5.6</i>	<i>MNSW 10.3</i>	SDSE 6.7	
Viking	72-04N	None	103.1	6.5	<i>IANC -13.9</i>	MNSE 31.1				
Wyffels	W4796RIB	VT2P	103.8	5.9	<b>IANC 7.8</b>	<b>IANW 7.5</b>	<b>MNSW 4.3</b>	SDSE 0.5		
Jacobsen Seed	JS7205VT2PRORIB	VT2P	103.3	5.6	<b>IANW 5.6</b>					
Miller Hybrids	M06-27	None	105.6	5.4	IANC 6.9	IANW 4.0				
Viking	63-05	None	104.8	5.3	IANC 0.4	IANW -8.2	MNSW 27.4			
Latham	LH5509SSRIB	STX	104.7	5.1	<b>IANC 5.8</b>	<i>MNSW 4.0</i>	<i>SDSE 4.3</i>			
Renk	RK726SSTX	STX	104.4	4.7	IANC 4.9	IANW 6.8	SDSE 1.9			
NorthStar	NS104-167GENSSRIB	STX	104.0	4.5	MNSE 4.5	<b>MNSW 5.3</b>	<b>SDSE 3.7</b>			
Dairyland	DS-6106	RR2	104.8	4.1	IANC 5.1	IANW 0.8	SDSE 6.8			
Golden Harvest	G03C84-3120-EZR	3120	103.8	3.8	IANC 10.2	IANW -1.8	MNSE 18.3	MNSW 10.5	SDSE -18.1	
Renk	RK717SSTX	STX	103.8	3.4	<b>IANC 6.2</b>	<b>IANW 6.5</b>	<b>MNSW 2.3</b>	<b>SDSE -2.0</b>		
Wyffels	W3078RIB	STX	104.3	3.4	IANC 0.1	IANW 2.8	MNSW 9.9	SDSE 1.4		
Federal	5550SSTAXRIB	STX	104.4	3.3	<b>IANC 3.9</b>	<b>IANW 2.4</b>	<i>MNSW 4.0</i>			
Golden Harvest	G05B91-3010	3010	103.9	2.8	IANC -2.0	IANW -4.6	MNSE 17.4			
Hefty	HCEXP10412	VT2P	106.1	2.6	IANW 0.6	SDSE 5.1				
Pfister	66Y3PC	PC	104.8	2.2	IANC 6.9	IANW -6.6	SDSE 7.1			
Dairyland	DS-9804SSX	STX	104.0	2.0	IANC -4.4	IANW 0.3	MNSE 3.5	MNSW 15.1	SDSE -2.7	
Federal	5370SSTAXRIB	STX	103.3	1.8	<i>IANW 11.0</i>	<i>MNSE 8.4</i>	<b>MNSW -8.7</b>			



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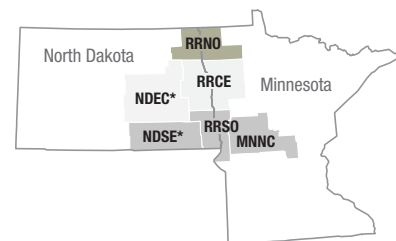


## 0.05–1.0 GROUP RM

REGIONS **MNNC, NDEC\*, NDSE\*, RRCE, RRNO, RRSO**

- ▶ **214** products tested in 2016–2017
- ▶ **70** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **37** with zero or higher yield advantage

*\*Regions offered in 2016 but not 2017*



Product Information				2016–2017 Results										
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region							
							Bold = 2-year average			Non-italic = 2017 only		Italic = 2016 only		
Latham	L0982R2	RR2Y	0.9	-0.3	-0.1	4.7	<b>MNNC 3.8</b>	<i>NDSE 5.4</i>	RRCE 7.1	<b>RRSO 4.0</b>				
Dyna-Gro	S07RY45	RR2Y	0.7	-0.2	0.0	4.5	<i>NDEC 6.6</i>	<i>NDSE 4.1</i>	<b>RRCE 6.7</b>	<i>RRSO -0.8</i>				
Dyna-Gro	S09RY64	RR2Y	0.9	-0.2	-0.3	4.0	<i>MNNC 2.3</i>	<i>NDSE 3.5</i>	<b>RRSO 5.1</b>					
Prairie Brand	PB-0777R2	RR2Y	0.7	-0.1	0.0	3.6	<i>NDEC 5.4</i>	<i>NDSE 1.7</i>	<b>RRCE 4.5</b>	<b>RRSO 3.0</b>				
Dairyland	DSR-0988/R2Y	RR2Y	0.9	-0.6	-0.1	3.3	<i>NDSE 3.9</i>	RRCE 3.7	<i>RRSO 2.2</i>					
NorthStar	NS 0090R2	RR2Y	0.09	1.3	-0.8	3.2	<b>RRNO 3.2</b>							
Prairie Brand	PB-0987R2	RR2Y	0.9	-0.4	-0.1	3.1	<i>MNNC 3.2</i>	<i>NDSE 4.5</i>	<b>RRSO 2.3</b>					
Prairie Brand	PB-0146R2	RR2Y	0.1	-1.1	1.2	2.7	<b>RRNO 2.7</b>							
Dairyland	DSR-C918/R2Y	RR2Y	0.09	0.9	-0.6	2.7	<b>RRNO 2.7</b>							
Hefty	H009X7	RRX	0.09	0.1	-0.7	2.4	<b>RRNO 2.4</b>							
Stine	09RI62	RR2Y	0.9	-0.2	-0.2	2.3	<i>MNNC 1.9</i>	<i>RRCE 1.4</i>	RRSO 3.5					
Asgrow	AG08X8	RRX	0.8	0.7	-0.4	1.9	<i>MNNC 3.9</i>	RRSO 0.4						
Latham	L0838R2	RR2Y	0.8	-0.2	0.0	1.9	<i>MNNC 0.3</i>	<i>NDSE 4.3</i>	RRCE 2.8	<b>RRSO 1.1</b>				
Proseed	50-10	RR2Y	0.1	-0.9	1.0	1.5	<b>RRNO 1.5</b>							
Latham	L0485R2	RR2Y	0.4	1.0	-0.5	1.5	<i>NDEC 2.6</i>	RRCE -1.1	RRNO 3.4					
Hefty	H04X8	RRX	0.4	1.6	-0.2	1.4	RRCE -1.8	RRNO 5.8						
NorthStar	NS 60442NXR2	RRX	0.4	-0.1	0.4	1.3	RRCE 0.0	RRNO 3.0						
Dyna-Gro	S03RY36	RR2Y	0.3	1.3	-0.3	1.2	<i>NDEC 0.2</i>	<i>RRCE 0.9</i>	<b>RRNO 2.1</b>					
Asgrow	AG03X7	RRX	0.3	0.2	-0.3	1.1	RRCE -0.5	RRNO 3.3						
Asgrow	AG02X8	RRX	0.2	-0.6	0.6	1.0	RRCE 2.0	RRNO -0.3						
Renk	RS096NR2	RR2Y	0.9	-0.5	0.0	1.0	<b>MNNC 0.2</b>	<i>NDSE 2.1</i>	<b>RRSO 1.1</b>					
Mustang	08X028	RRX	0.8	0.2	-0.4	0.8	<i>MNNC -1.3</i>	RRCE 1.8	RRSO 1.4					
Pioneer	P03T68R2	RR2Y	0.3	0.1	-0.8	0.7	<i>NDEC 0.7</i>	<i>RRCE -1.5</i>	<b>RRNO 1.9</b>					
Asgrow	AG06X8	RRX	0.6	0.2	-0.2	0.7	<i>MNNC 1.1</i>	RRCE 1.7	RRSO -0.5					
Renk	RS084NR2	RR2Y	0.8	0.2	-0.1	0.7	<i>MNNC -0.3</i>	RRCE 1.7	RRSO 0.6					
REA	R00727	RR2Y	0.07	-0.3	0.2	0.6	<b>RRNO 0.6</b>							
REA	RX0628	RRX	0.6	0.1	0.2	0.5	RRCE 3.3	RRSO -2.3						
REA	RX0327	RRX	0.3	0.3	0.3	0.4	RRCE -1.2	RRNO 2.5						
Thunder	3408R2YN	RR2Y	0.8	0.0	-0.1	0.4	<b>MNNC -1.0</b>	<i>NDSE 3.6</i>	RRCE 2.1	<b>RRSO -0.8</b>				
Proseed	PX707N	RRX	0.7	-0.1	-0.1	0.4	RRCE 0.9	RRSO -0.1						
Proseed	PX709N	RRX	0.9	-0.4	0.1	0.4	<i>MNNC -0.4</i>	RRSO 1.0						
Stine	03RD66	RR2Y	0.3	0.0	-0.2	0.3	<i>NDEC 0.6</i>	<b>RRCE 1.1</b>	RRNO -2.0					
Hefty	H09X7	RRX	0.9	0.4	-0.2	0.2	<i>MNNC -0.7</i>	<i>NDSE -1.4</i>	RRCE 2.4	<b>RRSO 0.2</b>				
Dairyland	DSR-0807/R2Y	RR2Y	0.8	0.9	-0.6	0.1	<i>NDSE 1.7</i>	RRCE -0.9	<i>RRSO -0.4</i>					
Thunder	SB8710N	RRX	1.0	-0.2	0.3	0.0	<i>MNNC 0.6</i>	RRSO -0.4						



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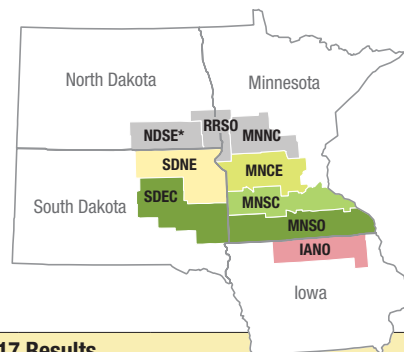


## 1.1-1.8 GROUP RM

REGIONS **MNCE, MNNC, MNSC, MNSO, NDSE\*, RRSO, SDEC, SDNE**

- ▶ 192 products tested in 2016-2017
- ▶ 85 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 52 with zero or higher yield advantage

\*Regions offered in 2016 but not 2017



Product Information				2016-2017 Results										
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region							
							<small>Bold = 2-year average    Non-italic = 2017 only    <i>Italic</i> = 2016 only</small>							
NorthStar	NS 1492NR2	RR2Y	1.4	0.3	0.0	4.7	MNNC	5.7	SDNE	3.9				
Latham	L1454EXGT	BG	1.4	-0.5	0.1	4.0	MNNC	4.2	SDNE	4.0				
Prairie Brand	PB-1257R2	RR2Y	1.2	-0.6	-0.1	3.9	<i>MNNC</i>	1.9	<i>NDSE</i>	4.5	<b>RRSO</b>	<b>5.9</b>	<b>SDNE</b>	<b>2.7</b>
NK Brand	S12-R3	RR2Y	1.2	0.9	-0.3	3.5	MNNC	3.8	<i>NDSE</i>	4.4	<b>RRSO</b>	<b>3.4</b>	SDNE	2.8
Stine	13RI32	RR2Y	1.3	0.3	-0.4	2.9	<b>MNCE</b>	<b>2.9</b>	<i>MNNC</i>	3.8	RRSO	3.5	<b>SDNE</b>	<b>2.1</b>
Latham	L1673R2	RR2Y	1.6	-0.6	-0.2	2.5	<i>MNCE</i>	-0.4	<i>SDEC</i>	1.3	<b>SDNE</b>	<b>4.3</b>		
Titan Pro	TP-14X27	RRX	1.4	0.3	-0.1	2.5	MNCE	4.6	SDNE	0.9				
Dairyland	DSR-1313/R2Y	RR2Y	1.3	0.0	0.2	2.5	<b>MNNC</b>	<b>2.9</b>	RRSO	3.3	<i>SDNE</i>	1.0		
Dyna-Gro	S17RY67	RR2Y	1.7	-0.2	0.2	2.4	<b>MNSC</b>	<b>0.7</b>	<b>MNSO</b>	<b>1.3</b>	<b>SDNE</b>	<b>4.9</b>		
Latham	L1858R2	RR2Y	1.8	-0.3	-0.1	2.3	<i>IANO</i>	-1.3	<b>MNCE</b>	<b>4.9</b>	<b>MNSC</b>	<b>1.6</b>	<b>MNSO</b>	<b>1.7</b>
							<b>SDEC</b>	<b>3.5</b>						
LG Seeds	C1838RX	RRX	1.8	-0.1	0.2	2.3	<i>IANO</i>	1.7	<i>SDEC</i>	1.6	SDNE	3.6		
Anderson	153R2Y	RR2Y	1.5	0.0	0.4	2.1	<b>MNCE</b>	<b>1.9</b>	<i>MNNC</i>	3.8	<b>MNSC</b>	<b>0.9</b>	MNSO	3.3
Renk	RS153NR2	RR2Y	1.5	0.0	0.4	2.1	<b>MNCE</b>	<b>0.9</b>	<i>MNSC</i>	2.2	MNSO	1.5	<b>SDNE</b>	<b>3.1</b>
NorthStar	NS 1528NR2	RR2Y	1.5	-0.1	0.3	2.0	<b>MNCE</b>	<b>1.7</b>	<i>MNNC</i>	3.9	<b>MNSC</b>	<b>1.0</b>		
Pfister	18R201	RR2Y	1.8	-0.2	-0.1	1.8	<i>IANO</i>	1.9	<i>MNCE</i>	2.1	<b>MNSC</b>	<b>-0.3</b>	<b>MNSO</b>	<b>3.4</b>
							<b>SDEC</b>	<b>2.2</b>						
Prairie Brand	PB-1376R2	RR2Y	1.3	-0.6	0.3	1.6	<b>MNCE</b>	<b>-0.6</b>	<i>MNNC</i>	2.2	<b>SDNE</b>	<b>3.0</b>		
Dairyland	DSR-1526/R2Y	RR2Y	1.5	0.1	0.4	1.6	<b>MNNC</b>	<b>0.4</b>	<b>MNSC</b>	<b>0.4</b>	<b>SDNE</b>	<b>3.7</b>		
Stine	14RD62	RR2Y	1.4	-0.1	0.5	1.6	<i>MNCE</i>	1.7	<b>MNNC</b>	<b>2.0</b>	MNSC	0.8	RRSO	2.4
							SDNE	0.6						
Prairie Brand	PB-1787R2	RR2Y	1.7	-0.1	0.2	1.6	<b>MNCE</b>	<b>1.1</b>	<b>MNSC</b>	<b>0.5</b>	<b>MNSO</b>	<b>0.7</b>	<b>SDEC</b>	<b>1.1</b>
							<b>SDNE</b>	<b>4.1</b>						
Thunder	3614R2YN	RR2Y	1.4	0.2	0.1	1.6	<b>MNCE</b>	<b>2.9</b>	<b>MNNC</b>	<b>2.7</b>	RRSO	-1.0	<b>SDNE</b>	<b>0.9</b>
LG Seeds	C1870R2	RR2Y	1.8	-0.2	0.0	1.4	<b>IANO</b>	<b>0.3</b>	MNCE	-2.5	<b>MNSC</b>	<b>3.5</b>	<b>MNSO</b>	<b>2.3</b>
Renk	RS147NR2	RR2Y	1.4	0.1	0.0	1.4	<i>MNCE</i>	2.4	<i>MNNC</i>	0.2	<b>SDNE</b>	<b>1.6</b>		
Dahlman	6815XN	RRX	1.5	-0.5	0.1	1.3	MNSC	1.3	MNSO	1.3				
Latham	L1748R2	RR2Y	1.7	-0.2	0.2	1.2	<i>IANO</i>	1.3	MNCE	0.4	MNSC	2.6	MNSO	-0.2
							<i>SDEC</i>	1.6	SDNE	1.5				
Dyna-Gro	S18XT38	RRX	1.8	0.1	0.1	1.0	MNCE	4.2	MNSC	-0.9	<i>SDEC</i>	-0.2		
Latham	L1438R2	RR2Y	1.4	-0.2	0.2	1.0	<b>MNCE</b>	<b>0.9</b>	<b>MNNC</b>	<b>0.7</b>	RRSO	3.2	<b>SDNE</b>	<b>0.1</b>
Titan Pro	TP-18X97	RRX	1.8	0.4	0.1	0.9	<i>IANO</i>	0.7	MNCE	3.1	MNSC	0.0	MNSO	-3.1
							<i>SDEC</i>	4.0						
Legacy Seeds	LS-1136NRR2X	RRX	1.1	0.3	-0.2	0.9	MNNC	4.0	RRSO	0.1	SDNE	-0.6		
Proseed	PX711N	RRX	1.1	-0.1	0.4	0.9	MNNC	-0.9	RRSO	2.3				

**In 2017, FIRST tested 1,053 corn hybrids from 79 brands & 771 soybean varieties from 56 brands from 68 seed companies on 328 farms in 15 states!**



**Enstevd Seed Company**  
 57502 County Rd. 12, Sacred Heart, MN 56285  
 (320) 765-2728  
 www.enstevdseeds.com



**Epley Bros. Hybrids, Inc.**  
 22494 Yale Ave., Shell Rock, IA 50670  
 (800) 728-6293

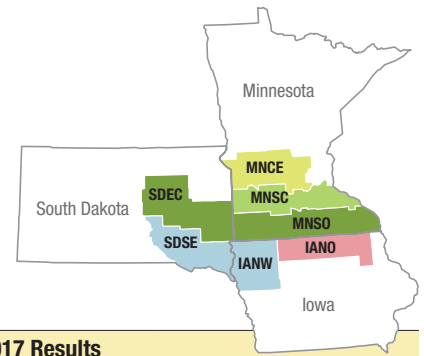
# NORTHWEST SOYBEAN



## 1.9–2.3 GROUP RM

REGIONS **IANO, IANW, MNCE, MNSC, MNSO, SDEC, SDSE**

- ▶ **163** products tested in 2016–2017
- ▶ **88** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **56** with zero or higher yield advantage



Product Information				2016–2017 Results									
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region						
							Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only		
Hefty	H20X7	RRX	2	0.3	-0.1	3.7	<b>IANO 1.4</b>	<b>MNCE 7.7</b>	<b>MNSO 0.4</b>	MNSC -1.3	SDEC 7.6	SDSE 7.6	
NK Brand	S21-W8X	RRX	2.1	-0.1	-0.1	2.8	MNSC 0.5	MNSO 4.0	SDEC 3.1				
Dahlman	6721XN	RRX	2.1	0.4	-0.2	2.6	MNSC 2.3	MNSO 2.8					
NorthStar	NS 1911NR2	RR2Y	1.9	-0.2	0.0	2.6	<i>MNCE 4.1</i>	<b>MNSC 1.0</b>	<b>MNSO 3.0</b>				
Titan Pro	TP-21X46	RRX	2.1	0.3	0.0	2.2	<b>IANO 1.3</b>	<b>IANW 1.4</b>	MNSC 0.2	<b>MNSO 3.0</b>	<b>SDEC 3.9</b>	<b>SDSE 2.3</b>	
Federal	F195NRR2Y	RR2Y	1.9	-0.3	-0.1	2.1	MNCE -1.8	<b>MNSC 3.4</b>	MNSO 3.1				
NK Brand	S20-J5X	RRX	2	0.1	-0.1	2.1	MNSC 1.0	MNSO 5.0	SDEC 0.0				
Anderson	217RXT	RRX	2.1	0.4	-0.1	2.0	<b>MNCE 2.7</b>	MNSC 1.8	<b>MNSO 1.4</b>				
Cornelius	CB19R71	RR2Y	1.9	-0.4	-0.1	2.0	<b>IANO 0.3</b>	<b>MNSO 3.8</b>					
Stine	19RF32	RR2Y	1.9	-0.2	-0.1	1.8	<b>IANO 0.5</b>	MNCE 3.0	<b>MNSC 2.2</b>	<b>MNSO 3.5</b>	<b>SDEC 0.6</b>		
Croplan	R2C2200	RR2Y	2.2	-0.2	0.1	1.8	<b>IANO 1.8</b>						
Federal	F2170NR2X	RRX	2.1	0.3	0.0	1.7	<i>IANO 1.1</i>	<b>MNCE 1.9</b>	MNSC 3.0	<b>MNSO 1.5</b>			
Federal	F2280NR2X	RRX	2.2	-0.1	0.3	1.6	IANW 4.8	MNSC -0.5	MNSO -1.2				
Dyna-Gro	S21XT77	RRX	2.1	0.1	0.1	1.6	MNSC -1.8	<b>MNSO 2.0</b>	<b>SDEC 2.2</b>				
NorthStar	NS 62002NXR2	RRX	2	0.6	-0.2	1.6	<b>IANO -1.4</b>	<i>IANW 2.3</i>	MNSC 5.7	<b>MNSO 3.6</b>			
Mustang	21X127	RRX	2.1	0.2	0.0	1.6	<b>MNSO 0.9</b>	<b>SDEC 1.8</b>	<i>SDSE 2.3</i>				
Asgrow	AG20X7	RRX	2	-0.1	0.1	1.5	IANO 0.9	MNCE 5.2	MNSC 1.4	MNSO -0.1			
							SDEC 0.2						
Mustang	19726	RR2Y	1.9	-0.4	0.0	1.5	<b>MNCE 1.6</b>	<b>MNSC -1.3</b>	<b>MNSO 1.9</b>	<b>SDEC 2.9</b>			
Champion	20R35N	RR2Y	2	0.1	0.0	1.4	<b>IANO 1.5</b>	<i>IANW 1.1</i>	MNSO 1.8				
Channel	2108R2	RR2Y	2.1	0.4	0.0	1.4	<i>IANO 2.7</i>	<b>IANW 3.0</b>	<i>MNSC 1.2</i>	<b>SDEC 0.4</b>	<i>SDSE -1.3</i>		
Golden Harvest	GH2230X	RRX	2.2	-0.3	0.1	1.4	IANW -0.6	MNSO 3.9					
Hefty	H22X8	RRX	2.2	-0.4	0.4	1.4	IANO 0.6	IANW 0.8	MNSC 1.3	MNSO 3.3			
							SDEC 0.7	SDSE 1.8					
NK Brand	S21-M7	RR2Y	2.1	0.0	-0.1	1.4	<i>MNSC 0.1</i>	<i>SDEC 2.5</i>	SDSE 1.1				
Kruger	K2X-2152	RRX	2.1	-0.7	-0.1	1.3	IANO 1.1	IANW 1.5					
Latham	L2283R2X	RRX	2.2	-0.5	0.5	1.3	MNSC 0.0	MNSO 3.1	SDEC 0.2				
FS HiSoy	HS 23A42	RR2Y	2.3	-0.3	0.0	1.1	<b>IANO 1.1</b>						
Mustang	22X228	RRX	2.2	-0.6	0.6	1.1	MNSC 0.7	MNSO 3.8	SDEC -1.4				
Prairie Brand	PB-1947R2	RR2Y	1.9	-0.1	-0.2	1.0	<b>IANO 0.6</b>	<b>MNCE -0.6</b>	<b>MNSC 1.1</b>	<b>MNSO 1.6</b>	<b>SDEC 2.4</b>		

All products in this guide are winners but a product with a good 2-year average shows an advantage over a product with a 1-year average.



Federal Hybrids  
PO Box 17, West Bend, IA 50597  
(515) 887-5888  
www.federalhybrids.com



Four Star Seed Company  
2929 335th St., Logan, IA 51546  
(712) 644-1400  
www.4starseed.com



# WEST | Meet the Managers

Corn yield averages from FIRST plots in the Western Corn Belt for 2017 were slightly higher than in 2016 due to the small increase in bushels from our full-season tests. The exception was Southeastern Nebraska at the DU BOIS site where a cold start in the spring happened to be followed by several missed rains during the summer. Poor ear development lowered yield there and provides data on hybrids tolerant to drought stress. The BRITT and OSAGE sites in North Central Iowa benefitted from the mild temperatures and timely rain also seen in southern Minnesota this year, and while both were short several inches of water they managed to yield 250+ bu/a at harvest. Excellent data quality and high-end yield potential are the story there, while growers in Northern Missouri should check out the tests at BLUE RIDGE and NOVELTY for the same.

Soybean yield averages for 2017 were down a couple bushels on average in the west compared to 2016. Rain arrived a little too late in August across plots in Northern Iowa, where yields were very high the previous year. Some sites there were also impacted by white mold. Yields levels were several bushels higher than previous year in East Central Kansas however, especially at BALDWIN CITY, planted no-till in June with excellent weed control and abundant rainfall.

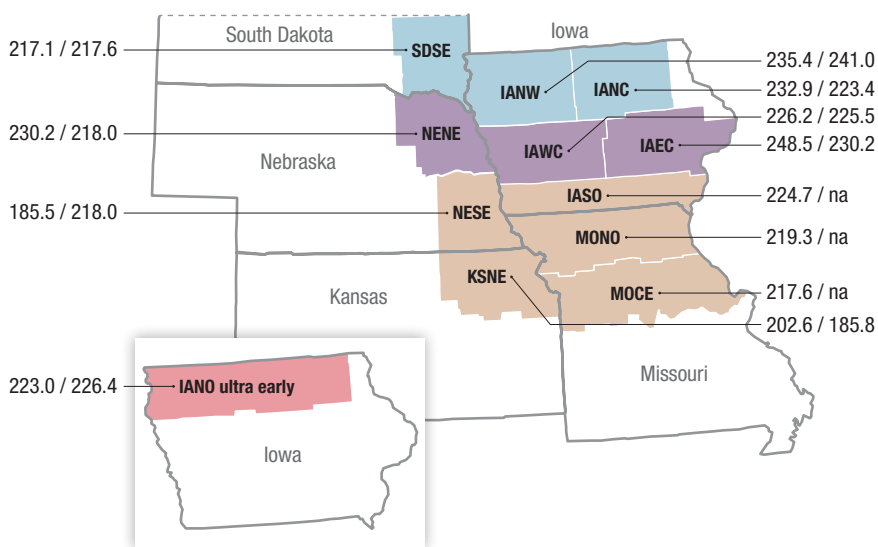


**JASON DIEKEVERS**, Boyden, IA  
FIRST Member since 2017

*“Independent replicated data from several brands and growing conditions from a trusted source is very valuable.”*

FIRST Field Manager  
**COREY ROZENBOOM**  
North Iowa F.I.R.S.T., Inc.

## CORN Yield (bu/a) Averages 2017 / 2016, respectively



### COREY ROZENBOOM

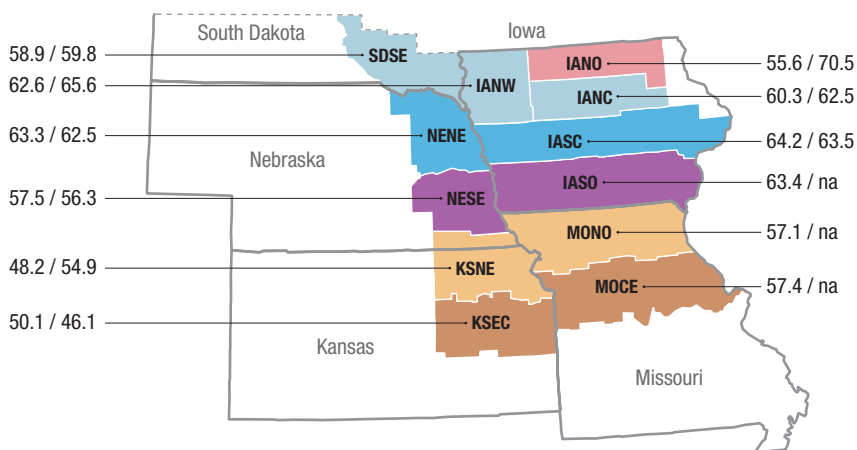
7 YEARS  
North Iowa F.I.R.S.T., Inc.  
3319 Polk Ave.  
Sanborn, IA 51248  
M 319.830.8886  
E corey.rozenboom@firstseedtests.com  
SOYBEAN REGIONS: IANC, IANO, IANW, NENE  
CORN REGIONS: IANC, IANO, IANW, NENE



### RANDY MEINSMAN

8 YEARS  
F.I.R.S.T. CCB, Inc.  
117 E. Sycamore  
Elizabeth, IL 61028  
M 815.238.8007  
E randym@firstseedtests.com  
SOYBEAN REGIONS: IASC, IASO  
CORN REGIONS: IAEC, IASO, IANW

## SOYBEAN Yield (bu/a) Averages 2017 / 2016, respectively



### WILLIAM SCHELP

1 YEAR  
F.I.R.S.T. MSR, Inc.  
5207 Hatteras Dr.  
Columbia, MO 65202  
M 573.819.7968  
E william.schelp@firstseedtests.com  
SOYBEAN REGIONS: MOCE, MONO  
CORN REGIONS: MOCE, MONO



### ADAM STUTEVILLE

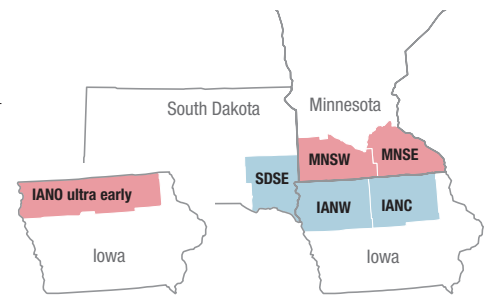
4 YEARS  
Agri Seed Research, LLC  
25054 Mission Bellevue Rd.  
Louisburg, KS 66053  
M 913.206.6080  
E adam.stuteville@firstseedtests.com  
SOYBEAN REGIONS: KSEC, KSNE, NESE  
CORN REGIONS: KSNE, NESE



# 95-101 DAY RM

REGIONS **IANC, IANO, IANW, MNSE, MNSW, SDSE**

- ▶ 190 products tested in 2016-2017
- ▶ 87 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 42 with zero or higher yield advantage



Product information			2016-2017 Yield Summary										
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region								
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only				
Pfister	1785GT3	3000GT	98.6	18.2	IANO	9.4	MNSE	35.5	MNSW	33.0	SDSE	-3.4	
Mustang	429VT2PRIB	VT2P	99.0	16.3	MNSE	19.0	MNSW	13.7					
Golden Harvest	G96V99-3120-EZR	3120	98.1	14.6	IANO	10.8	MNSE	22.0	MNSW	11.8			
LG Seeds	LG5465VT2P	VT2P	98.7	12.7	IANO	6.8	MNSE	15.2	MNSW	26.9	SDSE	3.2	
Viking	57-01N	None	99.8	11.9	IANO	5.4	<b>MNSE 8.9</b>	MNSW	26.5				
NuTech/G2 Gen	5F-196	AM	98.2	11.8	<b>IANO 14.5</b>	<b>MNSE 8.0</b>	<b>MNSW 12.9</b>						
Epley	E1020	None	99.1	11.8	IANO	14.2	MNSE	8.4	MNSW	12.3			
Viking	89-99N Art	None,A	98.6	10.0	<b>IANO 2.4</b>	MNSE	23.6	<b>MNSW 11.5</b>					
Viking	44-98	None	98.1	10.0	IANO	8.4	MNSE	12.9	MNSW	8.9			
Channel	197-68STXRIB	STX	98.5	8.3	<b>IANO 8.3</b>								
Titan Pro	TP 75-01 SS	STX	100.5	8.1	MNSE	6.5	MNSW	9.4	SDSE	8.3			
NuTech/G2 Gen	5FN-7099	OI	98.5	7.2	IANO	9.8	MNSE	9.9	MNSW	15.2	SDSE	-6.6	
NuTech	5N-800	3011,A	99.8	7.1	<b>IANO 5.9</b>	<b>MNSE 10.3</b>	<b>MNSW 9.6</b>	<b>SDSE 2.6</b>					
Prairie Brand	5148GT	GT	101.8	7.0	IANC	1.8	IANW	-4.2	MNSW	29.7	SDSE	3.9	
Dyna-Gro	D39DC43	VT2P,DG	98.6	6.7	<b>IANO 6.0</b>	MNSE	7.7	MNSW	6.0	SDSE	8.1		
Wyllfells	W2198RIB	STX	98.3	5.9	<b>IANO 8.5</b>	<b>MNSE 4.4</b>	<b>MNSW 4.6</b>						
Hefty	H5003VT2PDGRIB	VT2P,DG	99.3	5.5	MNSW	4.1	SDSE	6.8					
Mustang	5700VT2PDGRIB	VT2P,DG	99.1	5.1	MNSE	2.3	MNSW	-1.8	SDSE	14.7			
Golden Harvest	G01D24-3120-EZR	3120	101.3	4.9	IANW	-7.7	MNSE	17.4	MNSW	20.2	SDSE	-7.7	
Anderson	6284	None	98.2	4.8	<b>MNSE 3.1</b>	<b>MNSW 6.7</b>							
Hefty	H5104SSRIB	STX	102.8	4.7	IANW	0.8	MNSE	9.4					
Mustang	6800SSRIB	STX	99.6	4.3	<b>MNSE 5.8</b>	<i>MNSW 5.6</i>	<b>SDSE 2.2</b>						
Latham	LH5025VT2ProDG	VT2P,DG	99.1	4.2	IANO	7.7	MNSE	-0.3	MNSW	0.2	SDSE	8.7	
Titan Pro	TP 65-00 2P	VT2P,DG	98.8	3.8	<b>IANO 5.9</b>	<b>MNSE 3.7</b>	<b>MNSW -1.4</b>	<b>SDSE 6.7</b>					
Dairyland	DS-9599	3000GT	99.4	3.6	<i>IANO -2.5</i>	<i>MNSE 0.7</i>	<i>MNSW 7.2</i>	<b>SDSE 6.4</b>					
LG Seeds	LG5499STXRIB	STX	101.4	3.6	<b>IANC -1.2</b>	<i>IANO 11.9</i>	<b>IANW -5.6</b>	<b>MNSE 9.8</b>	<b>MNSW 9.2</b>				
Wyllfells	W2086RIB	VT2P	98.2	3.5	IANO	5.8	MNSE	8.1	MNSW	-3.9			
Renk	RK608DGV2P	VT2P,DG	98.7	3.5	<b>IANO 6.6</b>	<b>MNSE -0.9</b>	<b>MNSW 4.3</b>	<b>SDSE 4.0</b>					
Enestvedt	E696SSRIB	STX	99.4	3.4	<b>MNSE 8.7</b>	<b>MNSW -2.5</b>							
Latham	LH5099SSRIB	STX	99.5	3.0	<b>IANO 2.3</b>	<b>MNSE 7.3</b>	<i>MNSW 3.3</i>	<b>SDSE -0.8</b>					
Latham	LH4919SS	STX	99.3	2.8	IANO	2.2	MNSE	4.0	MNSW	11.3	SDSE	-6.3	
NorthStar	NS100-464GENSSRIB	STX	98.7	2.8	<b>IANO -1.3</b>	<b>MNSE 9.4</b>	<i>MNSW -2.9</i>						
LG Seeds	LG5494VT2P	VT2P	98.7	2.5	IANO	5.5	MNSE	-2.2	MNSW	-1.8	SDSE	8.0	
Dairyland	DS-9701RA	STX	99.2	2.2	<i>IANO -3.4</i>	<i>MNSE 2.2</i>	<i>MNSW 6.2</i>	<b>SDSE 2.9</b>					
NuTech/G2 Gen	5F-601	AM,AQ	101.5	1.5	IANC	-1.4	IANW	-1.8	MNSE	0.9	MNSW	8.8	SDSE 2.5



Frontier Seed  
PO Box 472, Concordia, MO 64020  
(844) 2-FRONTIER  
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www.fsseed.com

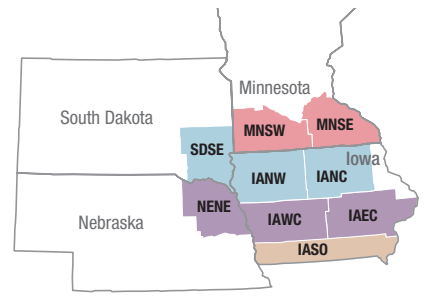
Go to [www.firstseedtests.com](http://www.firstseedtests.com) for complete regional performance summaries and individual test site harvest reports.



# 102-105 DAY RM

REGIONS **IAEC, IANC, IANW, IASO, IAWC, MNSE, MNSW, NENE, SDSE**

- ▶ 169 products tested in 2016-2017
- ▶ 77 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 42 with zero or higher yield advantage



Product information			2016-2017 Yield Summary								
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region						
					Bold = 2-year average			Non-italic = 2017 only		Italic = 2016 only	
Wyffels	W4196	VT2P	104.2	18.4	IANC 13.2	IANW 14.4	MNSE 20.2	MNSW 27.7			
NuTech/G2 Gen	5F-504	AM	104.0	14.6	<b>IANC 13.4</b>	<b>IANW 14.5</b>	<i>MNSE 21.0</i>	<b>MNSW 14.5</b>	<b>SDSE 12.8</b>		
Hefty	H5212VT2P	VT2P	101.6	11.9	MNSW 10.0	SDSE 13.8					
Mustang	7803SSRIB	STX	103.4	10.9	MNSE 10.5	MNSW 13.0	SDSE 9.1				
Renk	RK642SSTX	STX	103.4	10.8	IANC 12.6	IANW 3.3	MNSE 12.5	MNSW 16.1			
Latham	LH5402RR	RR2	102.8	10.7	<b>MNSE 10.4</b>	<i>MNSW 11.5</i>					
Pioneer	P0589AM	AM,AQ	106.4	10.2	IANC 15.3	IANW 9.1	NENE 2.5				
Federal	5280VT2P	VT2P	101.9	10.2	IANC 1.8	IANW 6.6	MNSW 24.7				
Hefty	H5214SS	STX	103.4	9.4	IANC 10.7	IANW 2.5	MNSE 16.2				
Jacobsen Seed	JS4249	None	103.6	9.2	IANC 2.2	MNSE 17.5					
Latham	LH5245VT2Pro	VT2P	102.4	9.1	IANC 9.0	IANW 9.6	MNSE 11.8	MNSW 0.9	SDSE 14.1		
Kruger	K4R-9704	STX	103.6	8.6	IANC 13.9	IANW 3.4					
Dekalb	DKC54-36	None	103.0	8.6	MNSE 13.3	MNSW 4.0					
Heine	739VT2PRO	VT2P	101.6	8.5	<b>SDSE 8.5</b>						
Kruger	K4R-9504	STX	103.3	8.2	<b>IANC 8.4</b>	<b>IANW 8.0</b>					
NuTech/G2 Gen	X5FN-0306	OI	104.2	8.0	MNSW 7.4	SDSE 8.6					
Kruger	K4R-9802	STX	103.5	7.2	<b>IANC 5.2</b>	<b>IANW 9.3</b>					
Viking	42-05	None	104.4	7.1	IANC 4.1	IANW 9.4	MNSW 8.1				
Channel	203-01STXRIB	STX	102.9	6.8	<i>IANC 9.1</i>	<b>IANW 5.2</b>	<i>MNSE 5.6</i>	<i>MNSW 10.3</i>	SDSE 6.7		
Viking	72-04N	None	103.1	6.5	<i>IANC -13.9</i>	MNSE 31.1					
Wyffels	W3076RIB	VT2P	102.5	6.0	<i>IANC 7.0</i>	<i>IANW 7.2</i>	<b>MNSE 2.8</b>	<i>MNSW 11.8</i>			
AgriGold	A6267STXRIB	STX	102.6	5.5	<b>MNSE 5.5</b>						
Viking	63-05	None	104.8	5.3	IANC 0.4	IANW -8.2	MNSW 27.4				
Jacobsen Seed	JS7205VT2PRORIB	VT2P	104.8	4.8	<b>IANW 5.6</b>	<i>NENE 3.2</i>					
NorthStar	NS104-167GENSSRIB	STX	104.0	4.5	MNSE 4.5	<b>MNSW 5.3</b>	<b>SDSE 3.7</b>				
NuTech/G2 Gen	5F-702	AM	101.7	4.2	MNSW 0.5	SDSE 7.9					
Golden Harvest	G03C84-3120-EZR	3120	103.8	3.8	IANC 10.2	IANW -1.8	MNSE 18.3	MNSW 10.5	SDSE -18.1		
Hefty	HCEXP10412	VT2P	106.2	3.7	IANW 0.6	NENE 5.7	SDSE 5.1				
Renk	RK717SSTX	STX	103.8	3.4	<b>IANC 6.2</b>	<b>IANW 6.5</b>	<b>MNSW 2.3</b>	<b>SDSE -2.0</b>			
Pfister	65B1RR	RR2	105.7	3.2	IANW 2.5	IAWC -15.8	MNSW 33.6	SDSE -3.7			
Mustang	7202VT2PRIB	VT2P	102.8	2.1	MNSE 3.0	MNSW 1.2					
Dairyland	DS-9804SSX	STX	104.0	2.0	IANC -4.4	IANW 0.3	MNSE 3.5	MNSW 15.1	SDSE -2.7		
Federal	5370SSSTXRIB	STX	103.3	1.8	<i>IANW 11.0</i>	<i>MNSE 8.4</i>	<b>MNSW -8.7</b>				
LG Seeds	LG5530VT2P	VT2P	105.9	1.4	IAEC 0.6	IANC -10.3	IANW 1.5	IAWC 6.0	MNSW 10.5		
REA	5A023-RIB	STX	100.6	1.3	<b>SDSE 1.3</b>						



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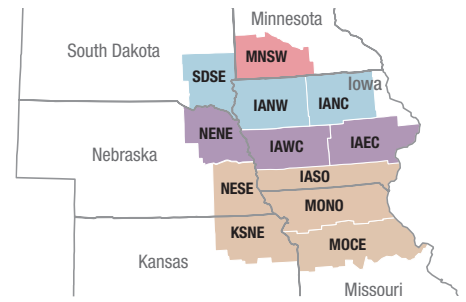
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# 106-109 DAY RM

REGIONS **IAEC, IANC, IANW, IASO, IAWC, KSNE, MNSW, MOCE, MONO, NENE, NESE, SDSE**

- ▶ 153 products tested in 2016-2017
- ▶ 83 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 44 with zero or higher yield advantage



Product information			2016-2017 Yield Summary										
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region								
					Bold = 2-year average			Non-italic = 2017 only			Italic = 2016 only		
NuTech/G2 Gen	X5FN-0909	OI	108.8	13.4	IAEC 16.4	IANC 8.6	IANW 14.6	MOCE 2.6	MONO 15.9				
					NENE 22.5								
Wyffels	W5516	VT2P	108.2	10.9	IAEC 7.6	IANW 14.2							
Jacobsen Seed	JS7424VT2PRO	VT2P	108.0	10.2	IAEC 13.8	IANW 6.7							
Champion	58A18VT2PRO	VT2P	108.8	10.0	IAEC 13.6	IANC 6.5							
Jacobsen Seed	JS7468VT2PRORIB	VT2P	108.4	9.5	IANW 7.3	NENE 11.8							
Latham	LH5965VT2ProRIB	VT2P	108.5	9.0	<b>IAEC 10.4</b>	<b>IANC 0.5</b>	<b>IANW 6.4</b>	IASO 12.0	<b>IAWC 13.4</b>				
					NENE 12.6								
Channel	209-53STXRIB	STX	108.9	8.9	<b>IAEC 11.1</b>	<i>IANC 10.3</i>	<b>IANW 6.7</b>	IAWC 7.2					
Pioneer	P0825AMXT	AMXT	108.4	8.4	IAEC 15.4	IASO -2.6	<b>IAWC 9.4</b>						
Dekalb	DKC59-50RIB	VT2P	109.2	8.3	IANC 2.2	IANW 9.2	NENE 13.6						
Curry	729-96AM	AM	109.0	7.0	<i>IAWC 13.0</i>	<b>NENE 4.8</b>	NESE 4.6						
Champion	CSX56A17VT2PRORIB	VT2P	103.4	7.0	<b>IANC 7.5</b>	<b>IANW 6.4</b>							
Cornelius	C461SS	STX	104.1	6.9	IANC 6.3	IANW 7.4							
Rob-See-Co	Innotech IC5956	3111	109.5	6.3	IANC 6.9	IANW 5.6							
Miller Hybrids	M06-27	None	105.6	5.4	IANC 6.9	IANW 4.0							
Latham	LH5635VT2Pro	VT2P	105.7	5.4	IAEC -1.8	IANC 3.7	IANW 7.3	NENE 6.7	SDSE 11.9				
Taylor	T8809VT2ProRIB	VT2P	110.0	5.3	<i>IASO -3.0</i>	<i>MONO 7.2</i>	<b>NESE 7.4</b>						
Phillips Seed	PSF098VT2PRIB	VT2P	110.5	5.0	KSNE 11.6	NESE -3.3							
Channel	207-27STXRIB	STX	108.4	4.8	<b>IAEC -0.3</b>	<b>IANC 9.2</b>	<b>IANW 4.1</b>	IASO 7.3	IAWC 5.6				
Renk	RK726SSTX	STX	104.4	4.7	IANC 4.9	IANW 6.8	SDSE 1.9						
Phillips Seed	PSF082VT2PRIB	VT2P	110.5	4.6	KSNE 3.7	NESE 5.8							
Channel	209-15STXRIB	STX	108.6	4.5	IANC 0.5	IANW 8.5							
Cornelius	C564SS	STX	109.0	4.4	IAEC 5.4	IANC 4.3	IANW 3.5						
Phillips Seed	PSF068VT2P	VT2P	110.3	3.9	KSNE 5.6	NESE 1.8							
Latham	EX5725VT2Pro	VT2P	106.7	3.7	IANC -1.8	SDSE 10.3							
NuTech/G2 Gen	5F-308	AM	109.2	3.5	<b>IAEC 12.9</b>	<b>IANC 4.6</b>	<b>IANW -3.0</b>	<b>IASO 6.9</b>	<b>IAWC 3.7</b>				
					<b>KSNE 1.4</b>	<b>MOCE -7.2</b>	<b>MONO -10.9</b>	<b>NENE 6.6</b>	<b>NESE 10.1</b>				
Wyffels	W3078RIB	STX	104.3	3.4	IANC 0.1	IANW 2.8	MNSW 9.9	SDSE 1.4					
Kruger	K4R-9608	STX	108.4	3.3	<i>IAEC 0.5</i>	<b>IANC -1.9</b>	<b>IANW 11.0</b>	IAWC 2.7					
Augusta	A4658GT3110	3110	109.2	3.2	<b>IANW 0.8</b>	IASO 7.1	<b>IAWC -2.3</b>	KSNE -3.9	<b>NENE 13.3</b>				
					NESE 0.4								
Channel	208-23STXRIB	STX	108.6	3.2	IAEC 0.6	IASO 9.4	IAWC 0.5						
LG Seeds	LG5548STXRIB	STX	108.9	3.1	<b>IAEC 1.0</b>	<b>IANC 7.9</b>	<b>IANW 4.5</b>	<i>IASO -10.6</i>	<b>IAWC 7.3</b>				
					<i>MONO 0.2</i>								
					<i>NENE 2.8</i>								



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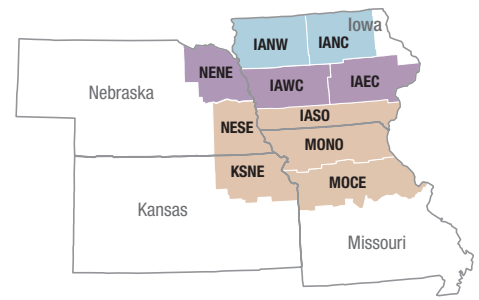




# 110-112 DAY RM

REGIONS **IAEC, IANC, IANW, IASO, IAWC, KSNE, MOCE, MONO, NENE, NESE**

- ▶ 174 products tested in 2016-2017
- ▶ 96 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 53 with zero or higher yield advantage



Product information			2016-2017 Yield Summary									
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region							
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only			
Wyffels	W6896	VT2P	109.0	14.0	IAEC 18.5	IANC 5.6	IANW 20.8	IASO 8.8	IAWC 15.4			
Heine	837DGV2PRO	VT2P,DG	109.9	13.6	<b>NENE 13.6</b>							
Cornelius	C633DP	VT2P	108.0	12.9	IAEC 10.5	IANC 15.4						
Pfister	71C1PCR	PC	112.9	10.7	IAEC 15.1	IASO 7.1	IAWC 3.8	MOCE 6.8	MONO 22.0			
Taylor	EXP C-112-14	VT2P	110.7	10.6	KSNE 12.6	MONO 8.6	NESE 10.4					
Federal	6280SSTAX	STX	112.9	9.8	IAEC 12.9	IASO 6.1						
Champion	62A18VT2PRO	VT2P	111.9	9.0	IAEC -1.3	IAWC 14.8	MONO 16.7	NESE 6.3				
Titan Pro	TP 74-12 SS	STX	112.5	8.8	IAEC 12.1	IASO 7.2	IAWC 3.9	NENE 11.7				
Channel	210-26STXRIB	STX	108.9	8.3	IAEC 0.8	<b>IANC 10.3</b>	<b>IANW 9.2</b>	IASO -1.3	IAWC 18.4			
Dekalb	DKC62-08RIB	STX	110.5	7.8	KSNE 5.8	NESE 10.2						
Dyna-Gro	D52SS63	STX	112.1	7.8	IAEC 10.6	IAWC 14.6	NENE 8.7	NESE -8.0				
Wyffels	W7456RIB	VT2P	113.0	7.7	<b>IAEC 3.6</b>	<b>IASO 14.7</b>	<b>IAWC 7.9</b>	<b>MONO 8.0</b>	<i>NENE 2.1</i>			
Wyffels	W6946DGRIB	VT2P,DG	109.8	7.4	<b>IAEC 6.0</b>	<b>IASO 8.7</b>	<b>IAWC 12.0</b>	<b>MONO 4.8</b>	<i>NENE 2.8</i>			
Latham	LH6045VT2ProRIB	VT2P	109.1	7.1	<i>IAEC 13.7</i>	<i>IANC -6.1</i>	<b>IANW 1.7</b>	IASO 6.7	<b>IAWC 8.6</b>			
					<b>NENE 14.0</b>							
LG Seeds	LG5618STXRIB	STX	112.1	7.0	<b>IAEC 1.2</b>	<b>IASO 18.5</b>	<b>IAWC 11.6</b>	<i>KSNE 9.2</i>	MOCE 2.2			
					<b>MONO 10.1</b>	<i>NENE 4.6</i>	<b>NESE -4.1</b>					
Four Star	6D55RIB	VT2P	109.2	6.9	IANW 2.3	IAWC 15.1	NENE 3.5					
Dyna-Gro	D50VC30	VT2P	108.5	6.7	IANC -10.3	IANW 12.8	IASO 17.0	IAWC 18.6	NENE -3.1			
Jacobsen Seed	JS7611VT2PRORIB	VT2P	111.7	5.5	<i>IAWC -0.6</i>	<b>NENE 8.6</b>						
Jacobsen Seed	JS7513VT2PRO	VT2P	108.1	5.5	IAEC -0.6	IANW 11.5						
Dekalb	DKC60-67RIB	STX	108.7	5.4	<i>IANC 9.3</i>	<b>IANW 1.0</b>	<i>NENE 9.7</i>					
Titan Pro	TP 71-12 DG2P	VT2P,DG	112.4	4.8	IAEC 7.1	IASO -1.1	IAWC 4.5	NENE 7.8				
Pioneer	P1197AMXT	AMXT	110.3	4.7	<b>IAEC 1.7</b>	<b>IASO 7.3</b>	<b>IAWC 5.0</b>	<i>MONO 14.5</i>				
LG Seeds	LG5590VT2P	VT2P	109.4	4.6	IAEC 3.7	IANC 2.4	IANW 7.4	IASO 8.6	IAWC 9.5			
					MOCE -4.1	MONO -1.1	NENE 9.9					
Heine	855STXRIB	STX	112.9	4.3	<b>NENE 4.3</b>							
Latham	LH6175VT2ProRIB	VT2P	112.2	4.2	<i>IAEC 0.5</i>	<b>IAWC 0.6</b>	<b>NENE 9.7</b>					
NuTech/G2 Gen	5FB-1010	AM	109.6	3.8	IAEC 14.9	IANC -2.7	IANW 6.7	<b>IASO 6.3</b>	IAWC 9.4			
					KSNE -12.4	MOCE -4.9	<b>MONO -5.1</b>	NENE 18.3	NESE 8.0			
Cornelius	C621SS	STX	108.6	3.7	<i>IAEC 3.9</i>	<i>IANC 2.9</i>	<b>IANW 4.0</b>					
Hefty	H6004SSRIB	STX	108.8	3.4	IANW 4.3	NENE 2.6						
Viking	0.74-10GS	None	109.6	3.4	IANC 3.7	IANW 3.0						
Pioneer	P1197AM	AM	110.5	3.3	IANC 7.1	IANW -1.1	<i>KSNE 7.5</i>	MOCE 4.0	MONO -3.4			
					<b>NENE 7.7</b>	<b>NESE -6.2</b>						

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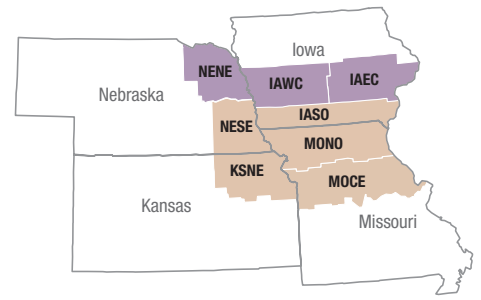
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# 113-116 DAY RM

REGIONS **IAEC, IASO, IAWC, KSNE, MOCE, MONO, NENE, NESE**

- ▶ **162** products tested in 2016-2017
- ▶ **85** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **50** with zero or higher yield advantage



Product information			2016-2017 Yield Summary									
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region							
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only			
Channel	213-19VT2PRIB	VT2P	112.6	16.7	<i>IAEC</i>	19.6	NENE	13.8				
FS InVISION	FS 63ZX1 RIB	STX	112.9	14.8	<b>IAEC 10.8</b>	IASO	15.9	<b>IAWC 18.3</b>				
FS InVISION	FS 66ZV1 RIB	VT2P	113.6	14.7	IASO	6.4	MOCE	23.2	MONO	12.9		
LG Seeds	LG5643VT2PRIB	VT2P	113.1	13.0	MOCE	19.2	MONO	5.5				
MorCorn	MC4319VT2PRIB	VT2P	113.1	12.5	MOCE	16.4	MONO	10.2				
Renk	RK965SSTX	STX	114.2	12.1	IASO	-0.2	KSNE	22.1	MONO	11.0	NESE	16.4
Kruger	K4R-9116	STX	115.0	11.4	<b>IASO 8.6</b>	<i>MONO 17.5</i>						
Dekalb	DKC63-60RIB	STX	113.7	9.9	<i>IASO 4.4</i>	KSNE	24.6	<i>MONO -2.2</i>	<i>NENE 13.8</i>	<i>NESE -1.2</i>		
Lewis	16DP887	VT2P	114.4	9.7	<b>KSNE 3.2</b>	MOCE	23.2	MONO	6.6			
Wyffels	W8268RIB	STX	114.2	9.5	<b>IASO 7.1</b>	<i>MONO 15.0</i>						
Taylor	EXP F-115-14	VT2P	114.2	8.4	KSNE	15.0	MONO	3.7	NESE	6.2		
Cornelius	C765SS	STX	113.0	7.9	<b>IAEC 7.9</b>							
Channel	213-19STXRIB	STX	113.0	7.8	IAEC	8.2	IASO	5.5	IAWC	9.3		
Pioneer	P1366AM	AM	113.4	7.5	IAEC	22.3	KSNE	1.3	NESE	-7.0		
Four Star	6D75RIB	VT2P	113.0	7.3	IAWC	9.7	NENE	5.0				
LG Seeds	LG5643STXRIB	STX	113.3	7.3	<b>IAEC 3.0</b>	<b>IASO 1.0</b>	<b>IAWC 7.8</b>	<b>KSNE 14.3</b>	<i>MONO 6.5</i>			
					<b>NENE 8.9</b>	<b>NESE 10.6</b>						
Wyffels	W7888RIB	STX	113.2	6.5	<b>IAEC 2.3</b>	<i>IASO 10.8</i>	<b>IAWC 15.4</b>	<i>MONO 0.8</i>	<i>NENE -2.1</i>			
Lewis	15DP878	VT2P	113.2	6.4	MOCE	6.6	MONO	6.1				
Curry	XC-1713	OI	113.0	6.0	NENE	2.2	NESE	11.6				
FS InVISION	FS 64SV1 RIB	VT2P	113.7	5.9	MOCE	4.8	MONO	7.2				
Lewis	R1414VT2P	VT2P	113.4	5.7	KSNE	5.9	MOCE	1.7	MONO	10.3		
Prairie Brand	1123RA	STX	113.9	5.5	<b>NESE 5.5</b>							
NuTech/G2 Gen	5FB-9016	AM	114.3	5.5	<i>IASO 9.1</i>	MOCE	11.3	<b>MONO 3.0</b>	<i>NESE 0.3</i>			
FS InVISION	FS 64SX1 RIB	STX	113.3	5.1	<b>IAEC 3.8</b>	<b>IASO 3.4</b>	<b>IAWC 3.9</b>	<i>MONO 14.6</i>				
Wyffels	W7696RIB	VT2P	113.0	4.9	<b>IAEC 5.9</b>	<b>IASO 2.0</b>	<b>IAWC 5.3</b>	<b>MONO 4.3</b>	<b>NENE 6.7</b>			
LG Seeds	LG5650VT2PRIB	VT2P	113.4	4.9	IASO	3.4	MOCE	9.8	MONO	0.4		
Wyffels	W7976RIB	VT2P	112.9	3.8	IASO	-1.1	IAWC	5.8	MONO	-1.1	NENE	10.1
Latham	LH6317VT2ProDGRIB	VT2P,DG	112.8	3.7	<b>IAEC 8.1</b>	IASO	-3.0	<b>IAWC 0.2</b>	<b>NENE 5.5</b>			
Champion	CSX64A17SSRIB	STX	113.0	3.5	IAEC	-0.8	IASO	5.3	IAWC	6.4		
Dyna-Gro	D54VC52	VT2P	113.8	3.4	IASO	11.2	<b>IAWC 4.9</b>	<i>KSNE -5.0</i>	<b>NESE 1.8</b>			
Mycogen	MY13M87RA	STX	113.8	3.3	KSNE	-7.8	NESE	17.1				
Renk	RK961VT2P	VT2P	113.7	3.2	IASO	1.5	KSNE	-0.5	MONO	3.0	NESE	10.1
Champion	66A18VT2PRO	VT2P	114.2	3.1	MONO	9.7	NESE	-5.0				
AgriGold	A6572VT2RIB	VT2P	113.9	3.1	IASO	3.3	KSNE	6.2	MONO	-0.3		



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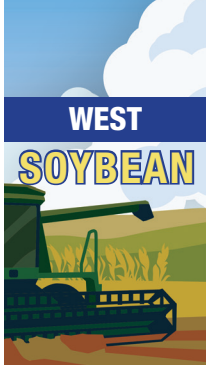
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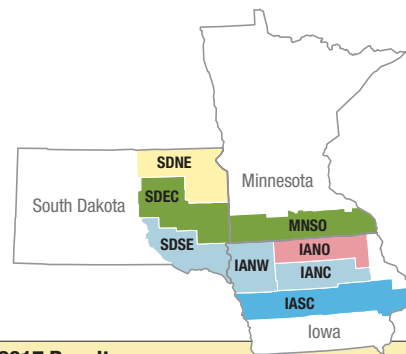
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# 1.8–2.1 GROUP RM

REGIONS **IANC, IANO, IANW, IASC, MNSO, SDEC, SDNE, SDSE**

- ▶ **143** products tested in 2016–2017
- ▶ **71** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **46** with zero or higher yield advantage



Product Information				2016–2017 Results										
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region							
							<small>Bold = 2-year average    Non-italic = 2017 only    Italic = 2016 only</small>							
NK Brand	S21-W8X	RRX	2.1	-0.2	-0.1	3.6	MNSO	4.0	SDEC	3.1				
Hefty	H20X7	RRX	2.0	0.3	-0.2	3.1	<b>IANO</b>	<b>1.4</b>	<b>MNSO</b>	<b>0.4</b>	<b>SDEC</b>	<b>7.6</b>		
NorthStar	NS 1911NR2	RR2Y	1.9	-0.4	0.1	3.0	<b>MNSO</b>	<b>3.0</b>						
Pfister	18R201	RR2Y	1.8	-0.2	0.0	2.6	<i>IANO</i>	<i>1.9</i>	<b>MNSO</b>	<b>3.4</b>	<b>SDEC</b>	<b>2.2</b>		
NK Brand	S20-J5X	RRX	2.0	0.1	-0.2	2.5	MNSO	5.0	SDEC	0.0				
Mustang	19726	RR2Y	1.9	-0.4	-0.1	2.4	<b>MNSO</b>	<b>1.9</b>	<b>SDEC</b>	<b>2.9</b>				
LG Seeds	C1838RX	RRX	1.8	-0.1	0.2	2.3	IANO	1.7	SDEC	1.6	SDNE	3.6		
Dyna-Gro	S21XT77	RRX	2.1	0.1	0.0	2.1	<b>MNSO</b>	<b>2.0</b>	<b>SDEC</b>	<b>2.2</b>				
Channel	2108R2	RR2Y	2.1	0.5	0.0	2.0	<i>IANC</i>	<i>5.6</i>	<i>IANO</i>	<i>2.7</i>	<b>IANW</b>	<b>3.0</b>	<b>SDEC</b>	<b>0.4</b>
							<i>SDSE</i>	<i>-1.3</i>						
Titan Pro	TP-21X46	RRX	2.1	0.3	0.0	2.0	<b>IANC</b>	<b>0.8</b>	<b>IANO</b>	<b>1.3</b>	<b>IANW</b>	<b>1.4</b>	<b>MNSO</b>	<b>3.0</b>
							<b>SDEC</b>	<b>3.9</b>	<b>SDSE</b>	<b>2.3</b>				
Cornelius	CB19R71	RR2Y	1.9	-0.4	-0.1	2.0	<b>IANO</b>	<b>0.3</b>	<b>MNSO</b>	<b>3.8</b>				
Dyna-Gro	S19RY65	RR2Y	1.9	-0.3	-0.1	1.8	<b>MNSO</b>	<b>2.5</b>	<b>SDEC</b>	<b>1.1</b>				
Latham	L1858R2	RR2Y	1.8	-0.1	-0.1	1.7	<i>IANO</i>	<i>-1.3</i>	<b>MNSO</b>	<b>1.7</b>	<b>SDEC</b>	<b>3.5</b>		
Mustang	21X127	RRX	2.1	0.2	0.0	1.6	<b>MNSO</b>	<b>0.9</b>	<b>SDEC</b>	<b>1.8</b>	<i>SDSE</i>	<i>2.3</i>		
Champion	20R35N	RR2Y	2.0	0.1	0.0	1.5	<i>IANC</i>	<i>1.9</i>	<b>IANO</b>	<b>1.5</b>	<i>IANW</i>	<i>1.1</i>	MNSO	1.8
NorthStar	NS 62002NXR2	RRX	2.0	0.7	-0.3	1.5	<i>IANC</i>	<i>3.0</i>	<b>IANO</b>	<b>-1.4</b>	<i>IANW</i>	<i>2.3</i>	<b>MNSO</b>	<b>3.6</b>
Kruger	K2X-2152	RRX	2.1	-0.5	0.0	1.5	IANC	2.0	IANO	1.1	IANW	1.5		
Stine	19RF32	RR2Y	1.9	-0.3	0.1	1.5	<b>IANO</b>	<b>0.5</b>	<b>MNSO</b>	<b>3.5</b>	<b>SDEC</b>	<b>0.6</b>		
Prairie Brand	PB-1947R2	RR2Y	1.9	0.0	-0.2	1.5	<b>IANO</b>	<b>0.6</b>	<b>MNSO</b>	<b>1.6</b>	<b>SDEC</b>	<b>2.4</b>		
Anderson	217RXT	RRX	2.1	0.6	-0.3	1.4	<b>MNSO</b>	<b>1.4</b>						
Jacobsen Seed	J761NR2X	RRX	2.1	0.3	-0.1	1.4	<b>IANC</b>	<b>2.6</b>	<b>IANW</b>	<b>0.8</b>	SDEC	-0.2		
Federal	F2170NR2X	RRX	2.1	0.4	0.0	1.3	<i>IANO</i>	<i>1.1</i>	<b>MNSO</b>	<b>1.5</b>				
LG Seeds	C1870R2	RR2Y	1.8	-0.3	0.1	1.2	<b>IANO</b>	<b>0.3</b>	<b>MNSO</b>	<b>2.3</b>				
Renk	RS213NR2	RR2Y	2.1	0.3	0.1	1.1	<b>IANC</b>	<b>1.5</b>	<b>IANO</b>	<b>1.6</b>	<i>IANW</i>	<i>1.8</i>	<b>MNSO</b>	<b>-0.3</b>
Renk	RS207NX	RRX	2.0	0.2	-0.1	1.0	<b>IANO</b>	<b>-2.1</b>	<b>MNSO</b>	<b>2.6</b>	<b>SDEC</b>	<b>2.8</b>		
Pioneer	P18T26R2	RR2Y	1.8	-0.9	0.8	1.0	MNSO	-3.5	SDEC	5.5				
Cornelius	CB18X80	RRX	1.8	0.0	0.1	0.9	IANO	2.0	MNSO	-0.6				
Pfister	21R205	RR2Y	2.1	-0.6	0.2	0.8	<b>IANC</b>	<b>3.6</b>	<b>IANO</b>	<b>0.9</b>	<b>IANW</b>	<b>1.6</b>	IASC	-0.8
							<b>MNSO</b>	<b>0.4</b>	<b>SDEC</b>	<b>-1.3</b>	<b>SDSE</b>	<b>-0.1</b>		
Latham	L2084R2	RR2Y	2.0	0.2	0.2	0.8	<b>IANO</b>	<b>2.7</b>	<b>MNSO</b>	<b>-0.1</b>	<i>SDEC</i>	<i>-1.5</i>		
Hefty	H18X8	RRX	1.8	0.0	0.2	0.8	IANO	3.0	MNSO	-0.9	SDEC	-0.6		
Prairie Brand	PB-2197R2	RR2Y	2.1	-0.3	0.2	0.7	IANC	1.4	<b>IANO</b>	<b>0.9</b>	IANW	1.9	<b>MNSO</b>	<b>-0.6</b>
Cornelius	CB20R44	RR2Y	2.0	0.0	0.3	0.7	<b>IANO</b>	<b>1.9</b>	<i>MNSO</i>	<i>-1.9</i>				



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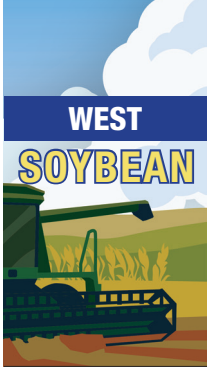
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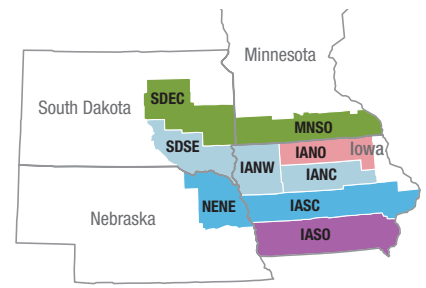
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## 2.2-2.6 GROUP RM

REGIONS **IANC, IANO, IANW, IASC, IASO, MNSO, NENE, SDEC, SDSE**

- ▶ 133 products tested in 2016-2017
- ▶ 81 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 52 with zero or higher yield advantage

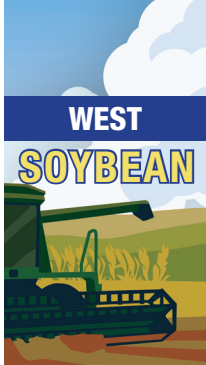


Product Information				2016-2017 Results										
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region							
							<small>Bold = 2-year average    Non-italic = 2017 only    <i>Italic</i> = 2016 only</small>							
Mustang	25456	RR2Y	2.5	0.1	-0.2	2.8	<b>SDSE</b>	<b>2.8</b>						
Cornelius	CB24R82	RR2Y	2.4	-0.1	0.3	2.4	<b>IANC</b>	<b>2.2</b>	IANO	1.6	<b>IASC</b>	<b>2.8</b>		
Cornelius	CB24X64	RRX	2.4	-0.1	0.3	2.3	IANC	0.3	IANO	1.7	IASC	5.0		
Champion	24X98N	RRX	2.4	-0.3	0.6	2.3	IANW	-0.4	IASC	5.0				
LG Seeds	C2520R2	RR2Y	2.5	0.2	0.4	2.3	<b>IANC</b>	<b>1.4</b>	<i>IANO</i>	3.1	IANW	3.4	<b>IASC</b>	<b>2.7</b>
							<i>SDSE</i>	1.2						
Federal	F2280NR2X	RRX	2.2	0.0	0.2	2.2	IANW	4.8	MNSO	-1.2				
LG Seeds	C2605R2	RR2Y	2.6	0.1	-0.1	2.2	<i>IANW</i>	1.1	<b>NENE</b>	<b>1.9</b>	<b>SDSE</b>	<b>3.1</b>		
Channel	2617R2X	RRX	2.6	0.2	0.3	1.9	IANC	1.3	IANW	2.5				
Titan Pro	TP-26X37	RRX	2.6	0.0	-0.3	1.8	IANC	1.4	IANW	2.1	IASC	6.0	NENE	1.8
							<i>SDSE</i>	-3.5						
Croplan	R2C2200	RR2Y	2.2	-0.2	0.1	1.8	<b>IANO</b>	<b>1.8</b>						
Asgrow	AG26X8	RRX	2.6	-0.7	0.4	1.7	IASC	2.0	SDSE	1.4				
Renk	RS246NR2	RR2Y	2.4	0.1	0.4	1.7	<b>IANC</b>	<b>1.6</b>	<b>IANO</b>	<b>2.8</b>	<i>IANW</i>	1.5	<i>SDSE</i>	0.0
Latham	L2283R2X	RRX	2.2	-0.6	0.5	1.7	MNSO	3.1	SDEC	0.2				
Prairie Brand	PB-2486R2	RR2Y	2.4	0.2	0.2	1.6	<b>IANC</b>	<b>1.4</b>	<b>IANO</b>	<b>2.7</b>	<b>IANW</b>	<b>2.2</b>	<i>IASC</i>	0.4
							<i>MNSO</i>	-1.4	<i>SDSE</i>	3.7				
Hefty	H24X8	RRX	2.4	-0.1	0.3	1.4	IANO	1.6	IANW	1.1	SDSE	1.5		
Cornelius	CB26X70	RRX	2.6	-0.5	0.4	1.4	IANC	-0.6	IASC	3.3				
Titan Pro	TP-24R26	RR2Y	2.4	0.1	0.3	1.3	<b>IANC</b>	<b>1.5</b>	<b>IANO</b>	<b>3.1</b>	<b>IANW</b>	<b>2.3</b>	<b>IASC</b>	<b>-1.5</b>
							<b>SDSE</b>	<b>1.1</b>						
Croplan	R2C2450	RR2Y	2.4	-0.4	0.5	1.2	<b>IANC</b>	<b>2.1</b>	<i>IANO</i>	0.0	<b>IANW</b>	<b>0.7</b>		
Mustang	22X228	RRX	2.2	-0.5	0.6	1.2	MNSO	3.8	SDEC	-1.4				
Hefty	H22X8	RRX	2.2	-0.4	0.3	1.1	IANC	0.2	IANO	0.6	IANW	0.8	MNSO	3.3
							SDEC	0.7	SDSE	1.8				
Cornelius	CB26R30	RR2Y	2.6	0.2	-0.1	1.0	<b>IANC</b>	<b>-0.8</b>	IASC	4.7				
Jacobsen Seed	J876NR2X	RRX	2.6	-0.4	0.1	1.0	IANC	3.1	IASC	0.2	NENE	-0.6		
Prairie Brand	PB-2600R2	RR2Y	2.6	0.2	-0.4	1.0	<i>IANW</i>	2.8	<i>IASC</i>	-1.9	<b>NENE</b>	<b>1.6</b>	<b>SDSE</b>	<b>1.0</b>
Latham	L2645R2	RR2Y	2.6	0.0	-0.3	0.9	<i>IANC</i>	-1.0	<i>IANW</i>	2.0	<i>IASC</i>	-0.3	<b>NENE</b>	<b>2.2</b>
							<b>SDSE</b>	<b>0.9</b>						
Golden Harvest	GH2230X	RRX	2.2	-0.3	0.0	0.9	IANC	0.2	IANW	-0.6	MNSO	3.9		
Latham	L2682R2X	RRX	2.6	-0.6	0.1	0.9	IANC	-0.2	IANW	3.5	IASC	-1.2	NENE	6.8
							<i>SDSE</i>	-4.1						
Latham	L2482R2	RR2Y	2.4	-0.1	0.5	0.9	<i>IANC</i>	0.3	<b>IANO</b>	<b>0.9</b>	<b>IASC</b>	<b>0.3</b>	<b>SDSE</b>	<b>2.0</b>
Kruger	K2X-2652	RRX	2.6	0.6	-0.2	0.9	IANC	1.3	IANW	1.6	IASC	-0.2		

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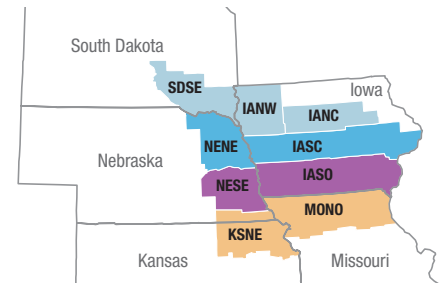
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## 2.7-3.4 GROUP RM

REGIONS **IANC, IANW, IASC, IASO, KSNE, MONO, NENE, NESE, SDSE**

- ▶ 187 products tested in 2016-2017
- ▶ 85 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 50 with zero or higher yield advantage



Product Information				2016-2017 Results									
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region						
							Bold = 2-year average	Non-italic = 2017 only	Italic = 2016 only				
Pioneer	P31T77R	RR	3.1	-0.4	1.1	3.7	IASC	2.0	<i>IASO</i>	5.4			
NK Brand	S34-P7	RR2Y	3.4	0.0	0.2	3.5	<i>IASO</i>	6.6	NESE	-0.6			
FS HiSoy	HS 34X60	RRX	3.4	0.0	0.4	3.3	<b>IASO</b>	<b>1.5</b>	<b>MONO</b>	<b>5.4</b>			
Titan Pro	TP-30X77	RRX	3.0	-0.3	0.1	3.1	IASC	3.3	IASC	3.3	NENE	2.8	
Cornelius	CB28R58	RR2Y	2.8	-0.1	0.5	3.1	<i>IANC</i>	2.8	<b>IASC</b>	<b>3.3</b>			
Hefty	H29X8	RRX	2.9	-0.4	-0.3	3.0	IANC	2.1	NENE	4.2			
NK Brand	S30-C1	RR2Y	3.0	-1.0	0.2	2.8	<b>NENE</b>	<b>2.8</b>					
Titan Pro	TP-34X86	RRX	3.4	0.1	0.2	2.7	<b>IASO</b>	<b>6.5</b>	<i>MONO</i>	-0.6	<b>NENE</b>	<b>0.2</b>	
Hefty	H31X7	RRX	3.1	-0.2	-0.1	2.2	<i>IASC</i>	4.9	<b>NENE</b>	<b>-0.4</b>	<i>NESE</i>	4.8	
Prairie Brand	PB-2997R2	RR2Y	2.8	0.1	0.3	2.0	<i>IANC</i>	1.8	<b>IASC</b>	<b>5.8</b>	<b>IASO</b>	<b>-0.6</b>	
FS HiSoy	HS 33X70	RRX	3.3	0.5	-0.1	2.0	IASC	3.7	MONO	-0.3			
Champion	28R85N	RR2Y	2.8	-0.3	0.1	1.9	IANC	3.3	IANW	-2.4	<b>IASC</b>	<b>3.3</b>	
Champion	34R87N	RR2Y	3.4	0.4	-0.7	1.9	<b>IASO</b>	<b>1.6</b>	<b>MONO</b>	<b>2.2</b>			
LG Seeds	C3321R2	RR2Y	3.3	-0.6	-0.1	1.8	<b>IASO</b>	<b>1.8</b>					
Dairyland	DSR-2909/R2Y	RR2Y	2.9	-0.1	0.5	1.8	IANC	-0.6	<b>IASC</b>	<b>2.4</b>	<i>IASO</i>	2.9	
AgriGold	G3410RX	RRX	3.4	0.3	0.4	1.7	IASC	2.3	MONO	0.8			
Jacobsen Seed	J847NR2	RR2Y	2.8	-0.5	0.2	1.6	<i>IANC</i>	0.0	<i>IANW</i>	0.6	<b>NENE</b>	<b>3.1</b>	
Pfister	30R25	RR2Y	3.0	0.3	-0.7	1.6	IASC	1.4	IASC	1.7			
Pioneer	P28T08R	RR	2.8	-0.4	1.0	1.3	IANC	1.8	<b>IASC</b>	<b>2.7</b>	<i>IASO</i>	-3.6	<b>NENE</b> <b>-0.9</b>
							<i>SDSE</i>	4.1					
Latham	L3448R2X	RRX	3.4	0.3	0.1	1.3	IASC	3.2	NENE	-1.2			
Dairyland	DSR-3434/R2Y	RR2Y	3.4	-1.0	0.9	1.2	<b>IASO</b>	<b>2.2</b>	<i>MONO</i>	-0.8			
Golden Harvest	GH3195X	RRX	3.1	-0.6	0.7	1.0	IASC	-1.5	IASC	3.5			
Pioneer	P27T47R	RR	2.7	-0.6	1.0	1.0	<b>IASC</b>	<b>0.3</b>	<i>IASO</i>	2.4			
Latham	L2884R2	RR2Y	2.8	-0.3	0.5	1.0	<i>IANC</i>	0.3	<i>IANW</i>	1.2	<b>IASC</b>	<b>2.4</b>	<i>NENE</i> -1.4
Four Star Seed	3X271	RRX	2.7	-0.4	0.0	0.9	IANW	1.5	IASC	1.1	IASC	-0.7	NENE 2.2
Latham	L3084R2X	RRX	3.0	0.0	0.0	0.8	IASC	1.1	NENE	0.5			
NK Brand	S27-M8X	RRX	2.7	-0.1	0.0	0.8	IASC	0.2	SDSE	1.7			
Renk	RS316NR2	RR2Y	3.1	0.0	-0.5	0.8	<b>IASC</b>	<b>-1.8</b>	<b>IASO</b>	<b>3.5</b>			
Latham	L2887R2X	RRX	2.8	-0.1	-0.3	0.7	IANC	2.7	IANW	1.8	IASC	0.0	IASC 3.4
							NENE	-1.1	SDSE	-3.9			
Pfister	29R25	RR2Y	2.9	-0.2	0.5	0.7	IANC	-1.0	<b>IASC</b>	<b>1.5</b>	<b>IASO</b>	<b>0.8</b>	
Stine	32RF02	RR2Y	3.2	-0.6	0.1	0.7	IASC	0.7	MONO	1.7	<b>NENE</b>	<b>-0.7</b>	NESE 2.8
Prairie Brand	PB-3487R2	RR2Y	3.4	0.1	-0.7	0.6	<b>IASO</b>	<b>-1.2</b>	<b>NESE</b>	<b>3.1</b>			
LG Seeds	C3489RX	RRX	3.4	0.2	0.2	0.6	IASC	0.0	NESE	1.4			



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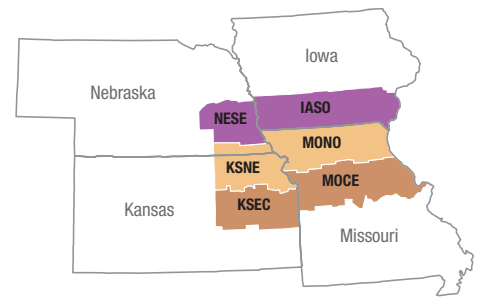
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## 3.5-4.6 GROUP RM

REGIONS **IASO, KSEC, KSNE, MOCE, MONO, NESE**

- ▶ **167** products tested in 2016-2017
- ▶ **77** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **45** with zero or higher yield advantage



Product Information				2016-2017 Results										
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region							
							Bold = 2-year average    Non-italic = 2017 only <i>Italic</i> = 2016 only							
Golden Harvest	GH3546X	RRX	3.5	-1.7	0.6	3.7	IASO	5.4	MONO	1.4				
Lewis	3682X	RRX	3.6	0.3	0.3	3.1	MOCE	4.0	MONO	2.2				
AgriGold	G3690RX	RRX	3.6	-0.4	0.7	3.0	IASO	4.9	MOCE	0.9	MONO	2.6		
Champion	35X78N	RRX	3.5	0.1	0.3	3.0	IASO	5.0	NESE	0.4				
Pfister	39R201	RR2Y	3.9	0.7	-0.1	3.0	MOCE	-0.1	MONO	3.8				
AgriGold	G3520RX	RRX	3.5	0.3	0.0	2.9	IASO	3.7	KSNE	1.2	MONO	3.6		
Bayer	CZ4168EXP	BG	4.1	-0.9	0.7	2.7	MOCE	3.2	MONO	2.2				
LG Seeds	C3550RX	RRX	3.5	0.2	0.1	2.1	<b>IASO</b>	<b>1.8</b>	<i>KSNE</i>	<i>1.5</i>	<i>MONO</i>	<i>3.9</i>	<i>NESE</i>	<i>-1.5</i>
Pfister	37RS01	RR2Y,ST	3.7	0.4	-0.6	2.0	MOCE	4.8	<b>MONO</b>	<b>1.3</b>				
Renk	RS398NX	RRX	3.9	-0.3	0.3	1.9	KSEC	1.6	KSNE	2.3				
Golden Harvest	GH4542X	RRX	4.5	-0.1	0.2	1.7	KSEC	2.4	MOCE	0.8				
Bayer	CZ3601LL	LL	3.6	-0.9	0.9	1.6	MOCE	3.8	MONO	-0.6				
Dyna-Gro	S35XT97	RRX	3.5	-0.1	0.1	1.5	<i>IASO</i>	<i>2.9</i>	<i>MONO</i>	<i>-1.4</i>	<b>NESE</b>	<b>2.4</b>		
NK Brand	S39-C4	RR2Y	3.9	0.0	0.4	1.5	<i>KSNE</i>	<i>-0.4</i>	MOCE	-2.1	<b>MONO</b>	<b>2.9</b>	<i>NESE</i>	<i>1.6</i>
LG Seeds	C3989R2	RR2Y	3.9	-0.2	0.3	1.4	<b>KSEC</b>	<b>-1.6</b>	<b>KSNE</b>	<b>1.3</b>	<i>MONO</i>	<i>5.8</i>	<b>NESE</b>	<b>-0.7</b>
Lewis	4272X	RRX,ST	4.2	-0.3	0.0	1.4	KSEC	0.2	<b>KSNE</b>	<b>1.0</b>	MOCE	2.5	MONO	2.7
Lewis	4572X	RRX,ST	4.5	-0.6	0.2	1.4	<b>KSEC</b>	<b>1.6</b>	MOCE	0.9				
Pfister	41RS02	RR2Y,ST	4.1	0.5	0.0	1.3	MOCE	1.1	MONO	1.5				
AgriGold	G4024RX	RRX	4.0	-0.1	0.0	1.3	KSEC	0.5	KSNE	1.0	MOCE	0.5	NESE	3.5
NK Brand	S35-C3	RR2Y	3.5	-1.1	0.6	1.3	<b>IASO</b>	<b>1.7</b>	MONO	0.3				
Asgrow	AG39X7	RRX,ST	3.9	-0.2	-0.5	1.2	MOCE	0.4	MONO	2.0				
Champion	40X98N	RRX	4.0	0.0	-0.4	1.1	MOCE	-0.2	MONO	2.5				
Pfister	36R207	RR2Y	3.6	1.2	-0.6	1.1	MOCE	2.2	MONO	-0.1				
Golden Harvest	GH4307X	RRX	4.3	-0.7	0.3	1.1	KSEC	1.2	MOCE	2.4	MONO	-0.5		
LG Seeds	C4145R2	RR2Y,ST	4.1	0.2	0.1	0.9	<i>KSEC</i>	<i>0.3</i>	<b>KSNE</b>	<b>0.5</b>	<i>MONO</i>	<i>1.5</i>		
Golden Harvest	GH3982X	RRX	3.9	-0.7	0.7	0.9	MOCE	1.9	MONO	-0.1				
Stine	43RE02	RR2Y	4.3	-0.1	0.1	0.9	<b>KSEC</b>	<b>0.3</b>	MOCE	-0.5	<i>MONO</i>	<i>3.0</i>		
Dyna-Gro	S43XS27	RRX,ST	4.3	0.1	-0.2	0.9	<b>KSEC</b>	<b>1.1</b>	<i>KSNE</i>	<i>0.3</i>				
FS HiSoy	HS 41X70	RRX,ST	4.1	-0.2	-0.6	0.9	MOCE	1.2	MONO	0.5				
AgriGold	G3980RX	RRX	3.9	0.2	-0.4	0.8	KSEC	-0.2	KSNE	3.1	MOCE	-1.5	MONO	2.4
Asgrow	AG36X6	RRX	3.6	-0.1	0.2	0.8	<b>IASO</b>	<b>1.3</b>	<b>KSNE</b>	<b>-1.0</b>	MOCE	0.0	<b>MONO</b>	<b>2.3</b>
							NESE	0.6						
Lewis	4372X	RRX,ST	4.3	0.1	-0.4	0.5	KSEC	1.6	<b>KSNE</b>	<b>2.1</b>	MOCE	-2.0	MONO	-1.4
Champion	39R36N	RR2Y	3.9	0.8	-0.1	0.5	MOCE	0.3	MONO	0.1	<b>NESE</b>	<b>0.8</b>		
Lewis	4462X	RRX,ST	4.4	-0.5	0.1	0.3	<b>KSEC</b>	<b>-0.4</b>	KSNE	0.2	MOCE	2.2		



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# EAST | Meet the Managers

Corn yields from FIRST plots in the Eastern Corn Belt for 2017 are on average 10 bu/a or greater over 2016 yields. The full-season test yields averaged over all 13 regions was more than 12 bu/a above the early-season test average across the area. The biggest yield gains came in Central and Southern Illinois. Despite storms delaying planting at several sites the stands were very good and the seedlings developed quickly in the warmer soil. Summer rains were spotty at many sites and short plant height caused some concern, but ear development was usually very good to excellent in the end. Data from the TOWANDA, MACOMB and TUSCOLA locations offer insightful information on plant lodging. Several tests in Wisconsin, Michigan and Indiana were damaged by excessive spring rain, but in most cases summer rains came at the right time and volume to nurse the tests along to high yields and solid data quality.

Soybean yields were down 3 bu/a compared to last year but only because 2016 yields in northern Illinois and southern Wisconsin were very high. Growing soybean was very good in all regions, including central Indiana, where several varieties topped 80 bu/a in the test at RUSHVILLE. Plants there were so tall that lodging was noted at harvest on all varieties. The same was true at the WILLIAMSVILLE site in South Central Illinois. It was planted mid-May in 30" rows on a fertile, well-drained silty clay loam soil following corn and fall tillage. Eight varieties were shown to be significantly above average, and two of those without dicamba resistance. The BELLEVILLE, DU QUION and VANDALIA locations in Southern Illinois each averaged over 60 bu/a. It may prove difficult for soybean production to keep up such a pace in 2018.

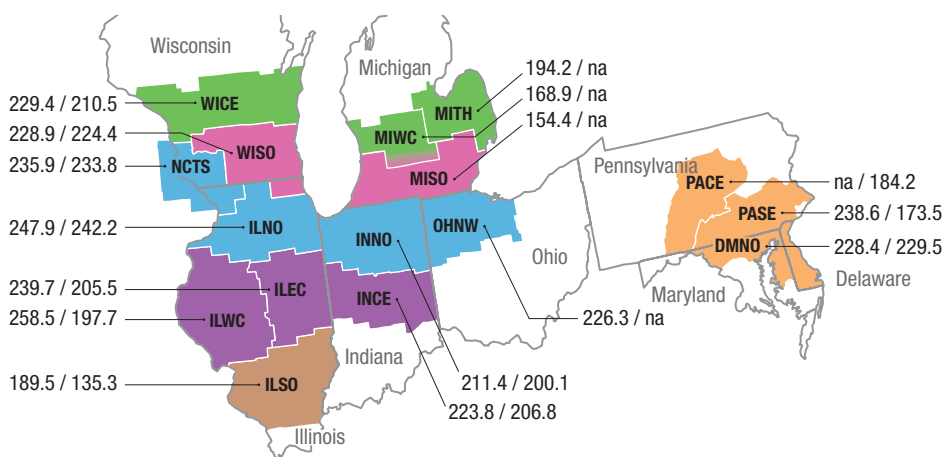


**JOHN WILSONS**, Miles, IA  
FIRST Member since 1999

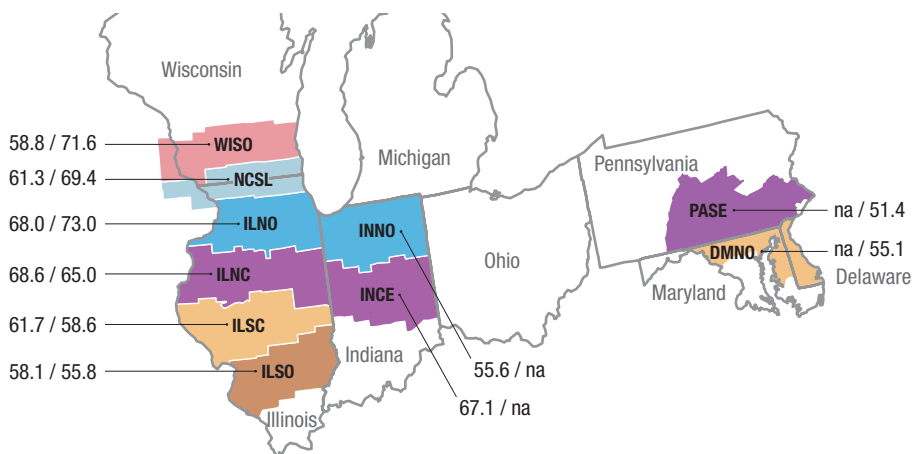
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FIRST Field Manager  
**JASON BEYERS**  
F.I.R.S.T. NCB, Inc.

## CORN Yield (bu/a) Averages 2017 / 2016, respectively



## SOYBEAN Yield (bu/a) Averages 2017 / 2016, respectively



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CORN REGIONS: ILNO, MISO, MITH, MIWC, NCTS, WICE, WISO



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CORN REGIONS: ILEC, ILSO, ILWC



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SOYBEAN REGIONS: DMNO, PASE  
CORN REGIONS: DMNO, PACE, PASE



### MATT TURNER

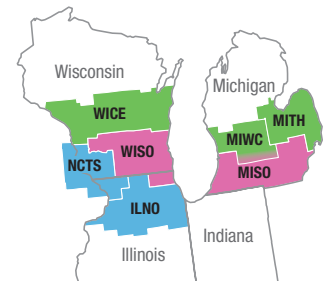
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M 317.606.9040

E mattturner1979@yahoo.com  
SOYBEAN REGIONS: INCE, INNO  
CORN REGIONS: INNO, INCE

# 94-102 DAY RM

REGIONS **ILNO, MISO, MITH, MIWC, NCTS, WICE, WISO**

- ▶ **163** products tested in 2016-2017
- ▶ **80** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **42** with zero or higher yield advantage



Product information			2016-2017 Yield Summary											
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region									
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only					
NuTech/G2 Gen	5Z-702	OI	102.6	13.6	ILNO	17.6	NCTS	9.1	WICE	14.4				
Wyffels	W3076RIB	VT2P	101.8	11.6	<b>WISO</b>	<b>11.6</b>								
Titan Pro	TP 65-00 2P	VT2P,DG	101.1	10.6	<b>WISO</b>	<b>10.6</b>								
Latham	LH5245VT2Pro	VT2P	102.0	9.9	NCTS	0.7	WICE	20.0	WISO	14.7				
AgriGold	A6199STXRIB	STX	94.8	9.4	<b>WICE</b>	<b>9.4</b>								
Renk	RK608DGV2P	VT2P,DG	99.6	7.6	MISO	1.1	MITH	6.8	<b>WICE</b>	<b>11.7</b>				
NuTech/G2 Gen	5F-196	AM	97.4	7.0	MISO	0.4	MITH	6.2	MIWC	-0.6	<b>WICE</b>	<b>14.6</b>		
NuTech/G2 Gen	5F-601	AM,AQ	101.5	6.9	ILNO	8.6	MISO	6.0	MITH	5.3	MIWC	7.4	WICE	7.8
					WISO	6.9								
Rupp	xrD02-93	VT2P	102.4	6.6	MISO	5.6	MIWC	7.6						
Specialty	26A236	STX	98.0	6.3	MISO	5.0	MIWC	8.0						
Jung	52SS507RIB	STX	101.9	5.8	NCTS	1.2	<b>WICE</b>	<b>10.4</b>	<b>WISO</b>	<b>4.1</b>				
Dyna-Gro	D39DC43	VT2P,DG	99.7	5.7	MISO	0.0	MITH	9.8	WICE	7.0				
Specialty	32A886	STX	102.6	5.6	MISO	9.7	MIWC	1.5						
LG Seeds	LG5467STXRIB	STX	95.6	5.6	<b>WICE</b>	<b>5.6</b>								
LG Seeds	LG5499STXRIB	STX	101.8	4.9	ILNO	1.3	NCTS	5.9	<b>WICE</b>	<b>9.7</b>	<b>WISO</b>	<b>4.5</b>		
Rupp	xrD97-95	VT2P	97.6	4.7	MISO	3.9	MITH	5.2	MIWC	5.0				
Curry	721-57AM	AM	102.5	4.2	<b>WISO</b>	<b>4.2</b>								
NorthStar	NS102-168DGV2PRIB	VT2P,DG	101.2	3.9	NCTS	4.3	<b>WICE</b>	<b>5.4</b>	WISO	1.5				
Great Lakes	4988VT2PRO	VT2P	98.8	3.7	MISO	3.8	MITH	3.7						
Jung	46SS427RIB	STX	95.4	3.3	<b>WICE</b>	<b>3.3</b>								
AgriGold	A6267STXRIB	STX	102.3	3.2	PACE	-0.8	<b>WICE</b>	<b>4.5</b>	<b>WISO</b>	<b>4.4</b>				
Latham	LH4454VT2ProRIB	VT2P	95.8	3.1	<b>WICE</b>	<b>3.1</b>								
Latham	LH4437VT2ProRIB	VT2P	95.1	2.7	<b>WICE</b>	<b>2.7</b>								
Integra	CX701097	VT2P	97.4	2.6	MISO	0.3	MITH	1.0	MIWC	5.4	WICE	5.7		
NorthStar	NS95-577VT2PRIB	VT2P	95.8	2.5	<b>WICE</b>	<b>2.5</b>								
Dekalb	DKC52-68RIB	VT2P	102.9	2.1	MISO	-8.1	MITH	8.9						
Dyna-Gro	D42SS61	STX	100.7	1.9	<b>WICE</b>	<b>1.9</b>								
Renk	RK612SSTX	STX	99.7	1.8	MISO	3.0	MITH	1.6	<b>WICE</b>	<b>1.3</b>				
Dairyland	DS-9599	3000GT	100.0	1.8	MISO	5.5	MIWC	1.8	<b>WICE</b>	<b>-0.3</b>				
M & W Seeds	45M21	VT2P	99.8	1.7	MISO	4.9	MITH	1.3	MIWC	-1.5				
Great Lakes	4728VT2PRO	VT2P	97.5	1.7	MISO	4.0	MITH	-0.3						
Golden Harvest	G97N86-3110	3110	97.0	1.6	MISO	5.9	WICE	-5.7						
Great Lakes	5283STXRIB	STX	102.8	1.5	ILNO	2.9	MISO	-0.5						
M & W Seeds	46L43	VT2P	97.5	1.4	MISO	5.0	MITH	-2.4	MIWC	2.6				



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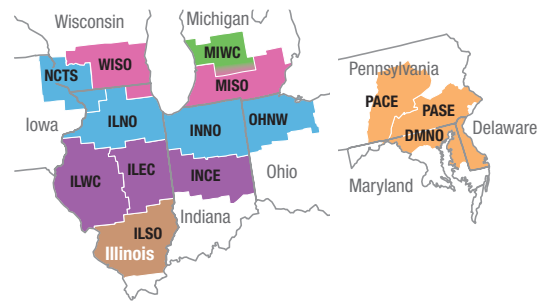




# 103-106 DAY RM

REGIONS **DMNO, ILEC, ILNO, ILSO, ILWC, INCE, INNO, MISO, MIWC, NCTS, OHNW, PACE, PASE, WISO**

- ▶ **164** products tested in 2016-2017
- ▶ **77** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **39** with zero or higher yield advantage



Product information			2016-2017 Yield Summary												
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region										
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only						
Wyffels	W4196	VT2P	104.5	19.2	ILNO	17.5	NCTS	21.6	WISO	18.6					
Burrus	Power Plus 2Y06	AM	102.8	13.7	<b>WISO</b>	<b>13.7</b>									
Cornelius	C408DP	VT2P	102.7	12.3	<i>ILNO</i>	<i>13.3</i>	<i>NCTS</i>	<i>17.1</i>	WISO	6.3					
Dyna-Gro	D45SS65	STX	103.4	11.6	ILNO	12.4	<b>NCTS</b>	<b>15.6</b>	PACE	11.4	WISO	2.1			
Dekalb	DKC56-45RIB	STX	107.5	11.2	ILEC	7.3	ILNO	10.3	ILSO	-3.4	<i>ILWC</i>	3.1	NCTS	22.9	
					WISO	21.6									
Renk	RK717SSTX	STX	104.0	10.8	<b>ILNO</b>	<b>12.3</b>	MISO	4.8	<b>NCTS</b>	<b>9.9</b>	<i>WISO</i>	<i>13.7</i>			
Cornelius	C449DP	VT2P	104.2	10.8	ILNO	12.9	<i>NCTS</i>	<i>13.5</i>	<i>WISO</i>	<i>6.4</i>					
Stone	5438RIB	STX	102.9	10.2	<b>ILNO</b>	<b>10.2</b>									
Titan Pro	TP 53-03 2P	VT2P	103.0	10.2	<b>ILNO</b>	<b>8.5</b>	<b>NCTS</b>	<b>12.1</b>	<b>WISO</b>	<b>10.0</b>					
Pioneer	P0339AMXT	AMXT,AQ	103.6	9.2	<b>ILNO</b>	<b>12.2</b>	<i>NCTS</i>	<i>1.9</i>							
NorthStar	NS104-167GENSSRIB	STX	103.3	9.0	<i>NCTS</i>	<i>19.2</i>	WISO	-1.1							
NuTech/G2 Gen	5F-504	AM	104.0	8.2	<b>ILNO</b>	<b>10.7</b>	<b>INNO</b>	<b>2.2</b>	MISO	12.5	MIWC	11.2	<b>NCTS</b>	<b>7.1</b>	
					<b>WISO</b>	<b>10.1</b>									
NK Brand	NK0650-3111	3111	107.8	8.0	<i>PASE</i>	<i>13.6</i>	WISO	2.5							
Jung	56DP538	VT2P	105.3	7.7	NCTS	14.8	WISO	-0.8							
Golden Harvest	G03C84-3120-EZR	3120	103.8	7.7	INNO	2.8	MISO	-4.7	NCTS	19.1	WISO	8.8			
Latham	LH5635VT2Pro	VT2P	104.7	7.2	NCTS	12.1	WISO	1.4							
Seed Consultants	SCS 10HR43	HX,RR2	106.6	5.7	<i>ILEC</i>	<i>10.6</i>	<i>INCE</i>	<i>3.8</i>	<b>INNO</b>	<b>0.4</b>	MISO	6.9	OHNW	13.0	
Becks	5665AMX	AMX	106.7	5.7	<i>ILNO</i>	<i>3.5</i>	<b>INNO</b>	<b>6.9</b>							
Wyffels	W3078RIB	STX	104.5	5.7	ILNO	-2.4	NCTS	13.8							
NuTech/G2 Gen	5H-806	HX,RR2	106.2	5.1	<b>INNO</b>	<b>5.5</b>	<i>NCTS</i>	<i>1.3</i>	OHNW	5.2	<b>WISO</b>	<b>6.4</b>			
Cornelius	C385DP	VT2P	102.6	4.9	ILNO	7.0	NCTS	5.2	WISO	2.1					
Becks	5140HR	HX,RR2	106.8	4.6	INNO	3.9	OHNW	5.4							
Latham	LH5339SSRIB	STX	103.3	4.3	<b>NCTS</b>	<b>9.3</b>	WISO	-6.9							
Burrus	Power Plus 2B77	AMXT	104.8	4.3	<b>ILNO</b>	<b>10.0</b>	NCTS	4.2	<b>WISO</b>	<b>-2.0</b>					
NuTech/G2 Gen	5F-503	AM	103.1	3.7	ILNO	15.4	MISO	2.1	MIWC	5.9	NCTS	7.5	OHNW	13.7	
					WISO	1.9									
Pioneer	P0589AMXT	AMXT,AQ	106.4	3.6	ILNO	-6.7	<b>NCTS</b>	<b>6.8</b>	WISO	2.2					
Jung	54SS528	STX	103.1	3.3	NCTS	1.5	WISO	5.4							
Seed Consultants	SCS 1037YHR	OI	104.8	3.0	<i>INNO</i>	<i>1.5</i>	MISO	5.1							
Viking	42-05	None	110.2	2.7	DMNO	-1.9	PASE	8.2							
Jung	53SS517RIB	STX	103.8	2.6	<b>NCTS</b>	<b>2.4</b>	<b>WISO</b>	<b>2.8</b>							
Pioneer	P0506AM	AM,AQ	107.2	2.6	<b>ILEC</b>	<b>7.0</b>	ILSO	-11.2	<b>ILWC</b>	<b>-2.4</b>	INNO	3.4	<i>PACE</i>	<i>11.1</i>	
Augusta	A1156GENSS	STX	107.6	2.2	DMNO	-0.5	PACE	7.8							

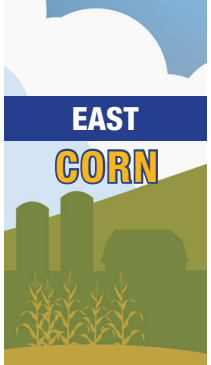
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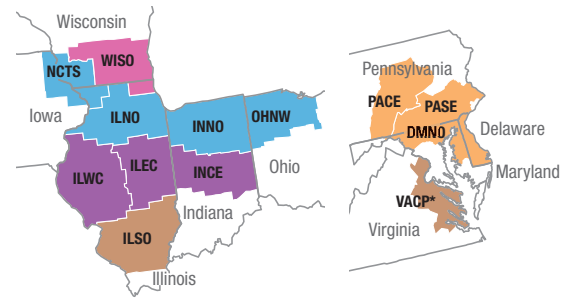


# 107-109 DAY RM

REGIONS **DMNO, ILEC, ILNO, ILSO, ILWC, INCE, INNO, NCTS, OHNW, PACE, PASE, VACP\*, WISO**

- ▶ 152 products tested in 2016-2017
- ▶ 76 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 34 with zero or higher yield advantage

\*Regions offered in 2016 but not 2017



Product information			2016-2017 Yield Summary							
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region					
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only	
Burrus	Power Plus 4A67	OI	108.2	21.2	ILNO 25.2	NCTS 17.3				
Seed Consultants	SCS 1087YHR	OI	106.7	14.2	INCE 12.7	INNO 15.2	OHNW 14.0			
Hefty	H5812VT2P	VT2P	107.9	11.9	ILEC 13.2	ILWC 10.6				
Golden Harvest	G09Y24-3220A-EZR	3220,A	109.7	11.7	INCE 26.3	INNO 4.1	OHNW 10.6			
Latham	LH5965VT2ProRIB	VT2P	108.5	11.4	<b>NCTS 11.4</b>					
NuTech/G2 Gen	X5FN-0909	OI	108.4	11.1	ILEC 14.2	ILNO 17.8	ILSO 15.8	ILWC 19.7	INCE 16.4	
					INNO 1.0	NCTS 2.7	OHNW 5.0			
Dyna-Gro	D48VC76RIB	VT2P	106.3	10.5	<b>WISO 10.5</b>					
Cornelius	C461SS	STX	104.8	9.7	NCTS 10.2	WISO 9.1				
NuTech/G2 Gen	5F-308	AM	108.2	9.3	<b>ILEC 12.3</b>	<b>ILNO 17.5</b>	<b>ILSO -2.4</b>	<b>ILWC 15.4</b>	<b>INCE -16.5</b>	
					<b>INNO 0.7</b>	<b>NCTS 17.4</b>	OHNW 0.1	<b>WISO 13.1</b>		
Pioneer	P0825AMXT	AMXT	108.8	9.0	<b>ILEC 7.0</b>	<b>ILNO 14.4</b>	<b>ILSO 3.2</b>	<b>ILWC 3.9</b>	<i>INCE 11.3</i>	
					<i>INNO 8.7</i>	<b>NCTS 5.4</b>	<i>WISO 13.2</i>			
Jung	7S671RIB	STX	107.4	8.8	<b>NCTS 9.6</b>	<b>WISO 8.1</b>				
Golden Harvest	G09A86-3111	3111	108.8	8.4	ILEC 11.0	ILNO 12.6	ILSO -3.5	ILWC 8.8	INCE 17.4	
					NCTS 4.9					
Wyffels	W5516	VT2P	108.1	7.8	ILNO 9.8	NCTS 5.8				
Dyna-Gro	D48SS38	STX	107.7	6.9	<b>ILNO 12.5</b>	WISO -6.4				
NK Brand	NK0968-3111	3111	108.5	6.9	ILNO 8.3	NCTS 0.7	OHNW 13.7	WISO 5.8		
Mid-Atlantic	MA8091VT2P	VT2P	111.6	6.5	PACE -5.1	PASE 13.4				
Wyckoff	2540VT2P	VT2P	107.3	6.4	<i>INCE -3.1</i>	<b>INNO 11.6</b>				
Cornelius	C564SS	STX	108.2	6.4	ILNO 7.8	NCTS 8.6	WISO 2.0			
LG Seeds	LG5548STXRIB	STX	108.6	6.1	<b>ILEC 2.0</b>	<b>ILNO 4.3</b>	<i>ILSO 12.7</i>	<b>ILWC 7.4</b>	<b>INCE 2.8</b>	
					<b>INNO 4.4</b>	<b>NCTS 7.2</b>	OHNW 18.8	<b>WISO 5.5</b>		
Augusta	A4658GT3110	3110	109.0	5.8	ILEC 6.5	ILSO -3.4	<b>INCE 9.5</b>			
Ebberts	6899VT2P	VT2P	107.1	5.7	INCE -8.7	INNO 11.2	OHNW 8.8			
Dekalb	DKC58-06RIB	STX	108.0	5.5	<b>ILEC 1.0</b>	<i>ILNO 3.3</i>	<b>ILWC 2.7</b>	<i>INNO 4.4</i>	NCTS 5.3	
					<i>PACE 14.7</i>	WISO 14.4				
FS InVISION	FS 59VL1 EZR	3220	109.2	5.2	ILEC -4.0	ILNO 7.9	ILSO -9.0	ILWC -4.0	INCE 27.5	
					INNO 7.9	NCTS 7.9	OHNW 12.7			
Seed Consultants	SCS 1086YHR	OI	107.6	4.7	<i>ILEC 3.3</i>	<b>INCE 4.0</b>	<b>INNO 3.5</b>	OHNW 9.9		
Pioneer	P0843AM	AM	108.7	4.6	DMNO -0.9	INNO 5.4	OHNW 4.4	<b>PACE 9.4</b>	PASE 1.3	
NK Brand	NK0760-3111	3111	107.2	4.1	<i>ILNO 1.8</i>	<b>INNO 10.4</b>	OHNW 6.5	<i>PASE -10.9</i>	WISO 5.8	
Hubner	H6394RCSS	STX	109.3	3.5	PACE 12.8	PASE -2.1				
Mid-Atlantic	MA8086VT2P	VT2P	108.7	3.4	<i>DMNO -6.0</i>	<b>PACE 8.1</b>	<i>PASE 9.4</i>	<i>VACP -3.1</i>		



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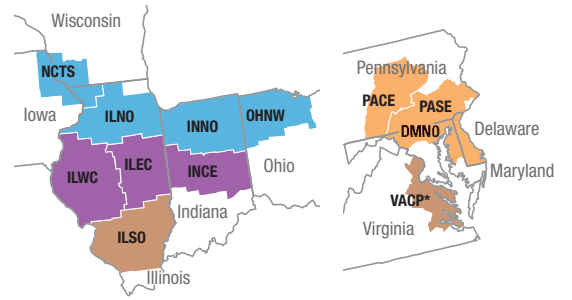


# 110-112 DAY RM

REGIONS **DMNO, ILEC, ILNO, ILSO, ILWC, INCE, INNO, NCTS, OHNW, PACE, PASE, VACP\***

- ▶ 200 products tested in 2016-2017
- ▶ 93 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 48 with zero or higher yield advantage

\*Regions offered in 2016 but not 2017



Product information			2016-2017 Yield Summary									
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region							
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only			
Doeblers	RPM 5018AM	AM	109.4	19.7	DMNO 14.4	PASE 26.0						
Rupp	xrD12-49	VT2P	111.4	17.3	INNO 21.8	OHNW 12.7						
Ebberts	6121VT2P	VT2P	111.6	16.5	INCE 14.4	INNO 18.2	OHNW 16.1					
Great Heart	HT-7026SS	STX	110.1	14.4	ILEC 13.9	ILWC 10.1	INNO 19.2					
Wyffels	W6896	VT2P	108.6	13.5	ILEC 11.3	ILWC 10.8	NCTS 17.5					
Specialty	42A843	STX	112.4	10.1	<b>INCE 6.1</b>	<b>INNO 13.3</b>						
Renk	RK859DGVT2P	VT2P,DG	111.5	10.0	ILEC 10.7	ILNO 2.2	ILSO 14.0	ILWC 15.6				
Renk	RK842SSTX	STX	111.9	10.0	ILEC 5.8	ILNO 13.7	ILSO 15.5	ILWC 5.4				
Pioneer	P1197AM	AM	110.5	9.7	<b>DMNO 14.4</b>	<i>ILWC 12.1</i>	INCE 4.1	<b>PASE 6.6</b>				
LG Seeds	LG5606STX	STX	110.3	9.6	ILEC 4.2	ILNO 11.9	ILSO 8.5	ILWC 5.3	INCE 14.5			
					INNO 14.4	NCTS 11.0	OHNW 7.9					
Hefty	H6212VT2P	VT2P	112.1	8.3	ILEC 9.0	ILNO 7.8						
Latham	LH6045VT2ProRIB	VT2P	109.4	7.4	<b>NCTS 7.4</b>							
Mid-Atlantic	MA8107VT2P	VT2P	110.1	7.4	<b>DMNO 10.8</b>	<b>PASE 3.6</b>						
Pioneer	P1197AMXT	AMXT	110.6	7.2	<b>ILEC 8.5</b>	<b>ILNO 4.6</b>	<b>ILSO 6.3</b>	<b>ILWC 8.3</b>	<i>INCE 7.0</i>			
					<i>INNO 5.8</i>							
Channel	210-26STXRIB	STX	109.9	7.0	INCE 2.6	INNO -7.5	<i>NCTS 24.1</i>					
Stone	6288RIB	STX	112.1	6.9	<b>ILEC 5.4</b>	<i>ILNO 13.9</i>	<i>ILSO 5.4</i>	<b>ILWC 5.1</b>				
Golden Harvest	G10T63-3000GT	3000GT	109.9	6.2	<i>ILEC 11.8</i>	<i>ILNO 8.2</i>	ILSO 9.7	<i>ILWC -1.5</i>	<i>INCE 9.8</i>			
					<i>INNO -1.0</i>							
ProHarvest	8277Stax	STX	112.2	6.1	ILEC 3.0	ILNO 8.8	ILWC 4.3	INNO 7.9				
Titan Pro	TP 74-12 SS	STX	112.3	5.9	ILEC 6.0	ILNO 7.5	ILWC 3.7					
Dyna-Gro	D52SS63	STX	112.2	5.8	DMNO 7.5	ILEC -0.7	ILNO 12.5	ILWC -1.1	PASE 9.2			
Dyna-Gro	D52SS91	STX	112.5	5.8	ILEC 2.1	<b>ILNO 9.7</b>	<b>ILWC 3.1</b>					
Wyffels	W6898	STX	111.3	5.6	ILNO 12.2	ILSO -4.3						
ProHarvest	8074StaxRIB	STX	108.5	5.0	ILEC 4.5	ILWC 5.4						
Seed Consultants	SC 11AQ17	3000GT	111.6	4.6	<i>ILEC 3.2</i>	<i>ILSO 15.1</i>	<b>INCE 5.2</b>	<b>INNO 2.1</b>	OHNW 0.1			
Dekalb	DKC62-97RIB	VT3P	110.8	4.4	ILSO -1.0	<i>ILWC 10.7</i>	<i>PASE 2.6</i>					
LG Seeds	LG5590VT2P	VT2P	109.7	4.2	ILEC 8.4	ILSO -2.5	ILWC 6.0	INNO 1.9	NCTS 6.5			
					OHNW 2.8							
Dekalb	DKC60-87RIB	STX	109.2	4.1	ILEC 5.2	ILNO 5.8	ILSO -3.4	ILWC 13.3	<i>NCTS -2.2</i>			
					PACE 4.2							
Wyffels	W7456RIB	VT2P	112.6	3.6	<b>ILEC 1.1</b>	<b>ILSO 8.6</b>	<b>ILWC -1.1</b>	<i>INCE 8.7</i>				
Titan Pro	TP 71-12 DG2P	VT2P,DG	112.2	3.4	ILEC 6.0	ILNO 2.8	ILWC 1.4					
Hefty	H6214SS	STX	112.4	3.3	ILEC 5.4	ILNO 2.2	ILWC 2.6					



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# 113-117 DAY RM

REGIONS **DMNO, ILEC, ILNO, ILSO, ILWC, INCE, INNO, PASE, VACP\***

- ▶ 168 products tested in 2016-2017
- ▶ 62 qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ 44 with zero or higher yield advantage

\*Regions offered in 2016 but not 2017



Product information			2016-2017 Yield Summary										
Company	Product	Technology	Est. Mat.	Yield Adv.	Yield Advantage by Region								
					Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only				
Doeblers	RPM 5518AM	AM	112.5	20.3	DMNO 23.6	PASE	16.3						
Hubner	H4744RC2P	VT2P	112.4	15.1	<b>DMNO 15.1</b>								
Dyna-Gro	D55VC45	VT2P	113.5	14.5	DMNO 14.4	ILSO 20.7	PASE 11.0						
Stone	6368RIB	STX	113.5	14.1	ILEC 11.8	<i>ILSO 21.1</i>	<b>ILWC 11.8</b>						
Augusta	A7766VT2Pro	VT2P	114.5	11.7	<b>DMNO 11.7</b>								
Great Heart	HT-7486SS	STX	114.2	10.8	DMNO 8.0	ILSO 16.5							
FS InVISION	FS 64SX1 RIB	STX	113.4	10.6	<b>ILEC 10.3</b>	<i>ILSO 3.3</i>	<b>ILWC 14.5</b>						
Great Heart	HT-7302VT2P	VT2P	113.2	10.0	DMNO 11.7	ILEC 6.5	ILSO 16.3	ILWC 7.9					
Dekalb	DKC64-34RIB	STX	113.5	9.7	ILEC 7.2	ILSO 8.5	ILWC 12.9						
Hubner	H6663RCSS	STX	113.1	9.4	<b>DMNO 6.5</b>	<b>PASE 13.3</b>	<i>VACP 7.5</i>						
Wyckoff	2675VT2P	VT2P	112.0	8.9	<i>INCE 8.0</i>	<b>INNO 9.4</b>							
Wyffels	W7696RIB	VT2P	112.8	8.4	<b>ILEC 12.0</b>	<b>ILNO 5.7</b>	<b>ILSO 4.8</b>	<b>ILWC 14.9</b>	<i>INCE 1.4</i>				
Titan Pro	TP 56-14 2P	VT2P,DG	112.5	8.2	<b>ILWC 8.2</b>								
Dairyland	DS-7513	PC	112.8	8.0	ILEC 3.6	ILNO -0.2	ILSO 23.3	INCE 16.7					
Dekalb	DKC64-87RIB	STX	112.7	7.5	DMNO 10.5	<b>ILEC 5.9</b>	<b>ILSO 9.4</b>	<b>ILWC 9.8</b>	<i>INCE 1.0</i>				
LG Seeds	LG5650VT2PRIB	VT2P	113.0	6.9	ILSO 10.3	ILWC 7.1	INCE 3.1						
Augusta	A6664VT2Pro	VT2P	112.4	6.3	<b>DMNO 3.9</b>	<b>PASE 1.5</b>	<i>VACP 24.8</i>						
Channel	213-19STXRIB	STX	112.1	6.2	INCE 7.7	INNO 5.2							
Wyffels	W7888RIB	STX	112.7	6.0	<b>ILEC 4.2</b>	<b>ILNO 7.6</b>	<b>ILSO 9.8</b>	<b>ILWC 4.9</b>	<i>INCE 3.1</i>				
Seed Consultants	SCS 1136YHR	OI	113.1	5.6	<i>ILEC 13.7</i>	<i>ILSO 9.2</i>	<b>INCE -1.8</b>						
NuTech/G2 Gen	X5FN-1306	OI	112.6	5.6	ILEC 4.2	ILNO 11.7	ILSO 5.3	ILWC 8.0	INCE -8.1				
FS InVISION	FS 63ZX1 RIB	STX	112.6	5.6	<b>ILEC 0.9</b>	<b>ILNO 10.9</b>	ILSO 7.9	<b>ILWC 1.2</b>	INCE 13.3				
Mid-Atlantic	MA8152VT2P	VT2P	113.1	5.3	<b>DMNO 7.3</b>	<b>PASE -1.1</b>	<i>VACP 16.0</i>						
Golden Harvest	G16K01-3111	3111	114.3	5.2	<b>ILSO 5.2</b>								
Dyna-Gro	D54SS60	STX	112.9	5.1	<b>ILEC 4.7</b>	ILWC 6.0							
Stone	6712RIB	VT2P	114.9	4.7	<b>ILSO 4.7</b>								
Dyna-Gro	D54VC52	VT2P	113.4	4.1	<i>DMNO 9.5</i>	<b>ILSO 4.1</b>	<i>INCE 2.8</i>	<i>PASE 0.2</i>					
Golden Harvest	G15L32-3111	3111	114.3	4.0	ILEC 1.9	ILWC 6.1							
Pioneer	P1311AM	AM	113.2	4.0	ILEC 4.1	ILSO 3.7							
Stone	6458RIB	STX	112.6	3.7	ILEC 2.1	<b>ILWC 4.4</b>							
ProHarvest	8312StaxRIB	STX	112.6	3.2	ILEC 4.2	ILNO 5.0	ILWC -0.1						
Great Lakes	6401STXRIB	STX	113.0	2.9	ILEC 2.1	ILWC 3.7							
NuTech/G2 Gen	5F-713	AM	112.5	2.9	<b>ILEC 0.3</b>	<b>ILNO 5.7</b>	<b>ILSO 5.0</b>	<b>ILWC 2.9</b>	<b>INCE 0.2</b>				
Hefty	HCEXP11412	VT2P	113.2	2.6	ILEC 2.6	ILWC 2.7							
Chemgro	7479RSX	STX	111.9	2.4	<b>DMNO 2.4</b>								

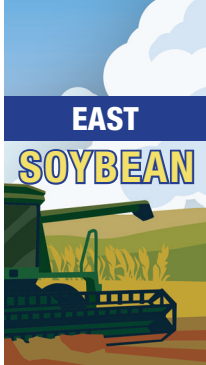
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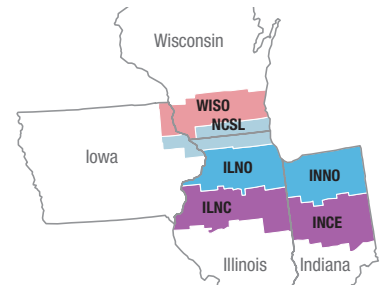
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# 1.8–2.7 GROUP RM

REGIONS **ILNC, ILNO, INCE, INNO, NCSL, WISO**

- ▶ **163** products tested in 2016–2017
- ▶ **55** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **30** with zero or higher yield advantage



Product Information				2016–2017 Results										
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region							
							Bold = 2-year average		Non-italic = 2017 only		Italic = 2016 only			
Golden Harvest	GH2788X	RRX	2.7	-0.2	0.4	3.5	ILNC	3.2	ILNO	5.4	INNO	0.3	NCSL	4.9
Titan Pro	TP-24R26	RR2Y	2.4	0.0	0.6	2.8	<i>ILNO</i>	<i>5.0</i>	<b>NCSL</b>	<b>1.8</b>	<b>WISO</b>	<b>2.8</b>		
Golden Harvest	GH2230X	RRX	2.2	-0.1	0.4	2.8	NCSL	2.8	WISO	2.8				
FS HiSoy	HS 27X60	RRX	2.7	-0.1	-0.2	2.7	<b>ILNO</b>	<b>3.0</b>	<b>NCSL</b>	<b>2.3</b>				
Latham	L1858R2	RR2Y	1.8	-0.6	0.0	2.6	<b>WISO</b>	<b>2.6</b>						
Renk	RS248NX	RRX	2.4	-0.1	0.5	2.4	ILNO	3.8	NCSL	2.9	WISO	0.5		
Cornelius	CB24R82	RR2Y	2.4	-0.1	0.9	2.3	<b>ILNO</b>	<b>1.9</b>	<b>NCSL</b>	<b>3.6</b>	<b>WISO</b>	<b>1.4</b>		
Stine	24RH62	RR2Y	2.4	-0.1	0.8	2.1	<b>ILNO</b>	<b>1.3</b>	<i>NCSL</i>	<i>2.9</i>	<b>WISO</b>	<b>2.6</b>		
Latham	L2228R2	RR2Y	2.2	-0.7	0.2	2.1	<b>NCSL</b>	<b>2.8</b>	<i>WISO</i>	<i>0.8</i>				
Latham	L2482R2	RR2Y	2.4	-0.4	0.7	2.1	<b>NCSL</b>	<b>1.3</b>	<b>WISO</b>	<b>2.9</b>				
FS HiSoy	HS 24X70	RRX	2.4	-0.2	0.5	2.0	NCSL	1.6	WISO	2.5				
Cornelius	CB27X81	RRX	2.7	-0.2	-0.6	2.0	ILNO	0.7	NCSL	3.3				
Dairyland	DSR-2330/R2Y	RR2Y	2.3	-0.3	0.7	2.0	<b>NCSL</b>	<b>2.4</b>	<b>WISO</b>	<b>1.6</b>				
Latham	L2084R2	RR2Y	2	0.2	0.2	2.0	<b>WISO</b>	<b>2.0</b>						
Pfister	24R201	RR2Y	2.4	-0.2	0.8	2.0	<i>ILNO</i>	<i>3.4</i>	<b>NCSL</b>	<b>1.3</b>	<i>WISO</i>	<i>2.0</i>		
Stine	19RF32	RR2Y	1.9	-0.8	0.1	1.9	<b>WISO</b>	<b>1.9</b>						
LG Seeds	C2441R2	RR2Y	2.4	-0.3	0.2	1.9	<i>NCSL</i>	<i>3.1</i>	<b>WISO</b>	<b>1.2</b>				
Renk	RS265NR2	RR2Y	2.6	0.9	-0.3	1.8	ILNO	2.3	<b>NCSL</b>	<b>1.6</b>				
NorthStar	NS 2362NR2	RR2Y	2.3	0.0	0.5	1.6	<b>WISO</b>	<b>1.6</b>						
Titan Pro	TP-24X87	RRX	2.4	0.3	0.3	1.6	NCSL	1.1	WISO	2.0				
Latham	L2484R2X	RRX	2.4	0.1	0.3	1.5	NCSL	1.0	WISO	2.1				
Latham	L2454R2X	RRX	2.4	0.1	-0.3	1.5	<i>NCSL</i>	<i>-0.6</i>	<b>WISO</b>	<b>2.5</b>				
Renk	RS207NX	RRX	2	0.7	-0.1	1.3	<b>WISO</b>	<b>1.3</b>						
Dyna-Gro	S24RY87	RR2Y	2.4	-0.3	0.8	1.2	<b>NCSL</b>	<b>0.1</b>	<i>WISO</i>	<i>3.3</i>				
Renk	RS213NR2	RR2Y	2.1	0.2	0.5	0.7	<b>NCSL</b>	<b>-1.5</b>	<b>WISO</b>	<b>2.9</b>				
Renk	RS246NR2	RR2Y	2.4	0.0	0.6	0.7	<b>NCSL</b>	<b>1.0</b>	<b>WISO</b>	<b>0.4</b>				
Dairyland	DSR-2110/R2Y	RR2Y	2.1	0.3	-0.7	0.6	<i>NCSL</i>	<i>2.7</i>	<b>WISO</b>	<b>-0.4</b>				
NK Brand	S21-W8X	RRX	2.1	0.2	-0.1	0.4	NCSL	3.0	WISO	-2.3				
Cornelius	CB22X73	RRX	2.2	-1.0	0.9	0.2	NCSL	-0.6	WISO	1.0				
FS HiSoy	HS 19A50	RR2Y	1.9	-0.9	0.2	0.0	<b>WISO</b>	<b>0.0</b>						



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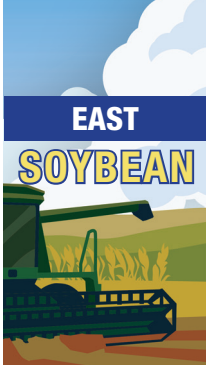
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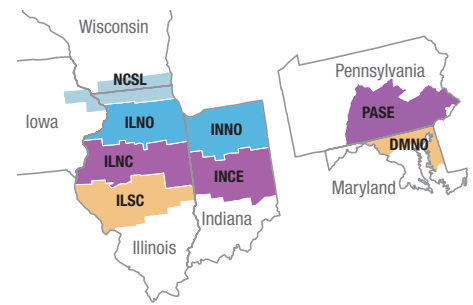
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## 2.8-3.4 GROUP RM

REGIONS **DMNO, ILNC, ILNO, ILSC, INCE, INNO, NCSL, PASE**

- ▶ **164** products tested in 2016-2017
- ▶ **69** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **37** with zero or higher yield advantage



Product Information				2016-2017 Results										
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region							
							Bold = 2-year average			Non-italic = 2017 only		Italic = 2016 only		
Titan Pro	TP-30X77	RRX	3	-0.8	0.7	5.4	ILNC	3.7	ILNO	6.6				
Titan Pro	TP-31X26	RRX	3.1	-0.2	-0.5	2.7	<b>ILNC</b>	<b>3.2</b>	<b>ILNO</b>	<b>2.3</b>				
Hefty	H34X7	RRX	3.4	0.0	0.4	2.6	<b>ILNC</b>	<b>2.6</b>						
Titan Pro	TP-34X86	RRX	3.4	0.1	0.3	2.3	<b>ILNC</b>	<b>2.3</b>						
FS HiSoy	HS 28X70	RRX	2.8	-0.1	-0.5	2.0	ILNC	2.2	ILNO	1.1	INCE	0.1	INNO	3.0
							NCSL	3.2						
Cornelius	CB28R58	RR2Y	2.8	0.1	0.5	1.9	<i>ILNO</i>	1.6	<b>NCSL</b>	<b>2.1</b>				
NK Brand	S31-Y2X	RRX	3.1	0.4	0.3	1.7	ILNC	1.4	ILNO	2.1	INCE	2.6	INNO	0.9
Dyna-Gro	S28XT58	RRX	2.8	-0.4	-0.6	1.4	ILNO	1.1	NCSL	1.8				
Specialty	3463R2X	RRX	3.4	-0.4	-0.7	1.4	INCE	0.6	INNO	1.9				
Cornelius	CB31X13	RRX	3.1	-0.3	-0.4	1.3	<b>ILNO</b>	<b>1.3</b>						
Golden Harvest	GH2981X	RRX	2.9	-0.4	-0.3	1.3	ILNC	-0.3	INNO	2.4				
Golden Harvest	GH3324X	RRX	3.3	-0.5	0.2	1.2	ILNC	2.2	ILNO	3.1	INCE	1.2	INNO	-1.5
FS HiSoy	HS 34X60	RRX	3.4	0.2	0.2	1.1	<b>ILNC</b>	<b>1.4</b>	<b>ILSC</b>	<b>0.0</b>	INCE	1.3	INNO	3.0
LG Seeds	C2888RX	RRX	2.8	-0.1	-0.6	1.1	ILNO	0.5	INNO	0.6	NCSL	2.2		
T.A. Seeds	TS3169R2	RR2Y	3.1	0.2	-0.5	1.1	<b>PASE</b>	<b>1.1</b>						
T.A. Seeds	TS2849R2S	RR2Y,ST	2.8	1.0	-0.8	1.0	<b>PASE</b>	<b>1.0</b>						
Titan Pro	TP-28X47	RRX	2.8	-0.2	-0.6	0.9	ILNC	1.3	ILNO	1.1	NCSL	0.5		
Pfister	32R201	RR2Y	3.2	-0.8	-0.1	0.9	<b>ILNC</b>	<b>-0.8</b>	<b>ILNO</b>	<b>2.3</b>				
Hefty	H28X8	RRX	2.8	-0.5	-0.3	0.8	ILNC	1.8	ILNO	0.1				
Renk	RS317NX	RRX	3.1	-0.1	-0.5	0.8	<b>ILNC</b>	<b>0.9</b>	<b>ILNO</b>	<b>0.7</b>				
Stine	28RH02	RR2Y	2.8	-0.1	0.1	0.8	ILNC	-1.9	ILNO	2.8	INCE	0.1	INNO	1.3
							<b>NCSL</b>	<b>0.6</b>	PASE	3.2				
Hefty	H31X7	RRX	3.1	-0.1	-0.5	0.8	<b>ILNC</b>	<b>1.0</b>	ILNO	0.5				
Channel	3116R2X	RRX	3.1	0.7	-0.9	0.8	<b>PASE</b>	<b>0.8</b>						
Cornelius	CB28X73	RRX	2.8	1.0	-0.6	0.8	<b>ILNO</b>	<b>-0.2</b>	<i>NCSL</i>	2.7				
Cornelius	CB29R69	RR2Y	2.9	-1.2	0.6	0.7	<b>ILNO</b>	<b>0.7</b>						
NK Brand	S29-K3X	RRX	2.9	-0.2	-0.5	0.6	ILNO	0.3	INNO	1.9	NCSL	-0.7	PASE	1.3
Latham	L2884R2	RR2Y	2.8	0.6	0.0	0.6	<b>NCSL</b>	<b>0.6</b>						
Stone	2RX3337	RRX	3.3	1.4	-1.0	0.6	<i>ILNC</i>	<b>-0.3</b>	<b>ILNO</b>	<b>1.0</b>				
Seed Consultants	SCS 9295RR	RR	2.9	0.9	0.6	0.6	INCE	1.0	INNO	0.2				
Pfister	29R25	RR2Y	2.9	0.4	0.5	0.5	<b>ILNC</b>	<b>-1.6</b>	<b>ILNO</b>	<b>3.1</b>	NCSL	-1.2		
FS HiSoy	HS 31X60	RRX	3.1	-0.2	-0.4	0.3	<b>ILNC</b>	<b>0.1</b>	<b>ILNO</b>	<b>0.5</b>				
Dairyland	DSR-3434/R2Y	RR2Y	3.4	-0.9	1.3	0.3	<b>ILNC</b>	<b>-1.5</b>	INCE	3.8	INNO	1.0		
Dairyland	DSR-2909/R2Y	RR2Y	2.9	0.2	0.4	0.3	<b>ILNO</b>	<b>1.1</b>	NCSL	-1.3				



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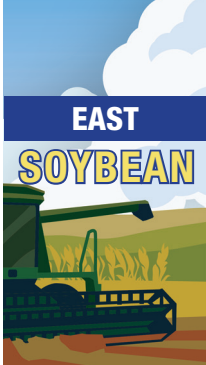
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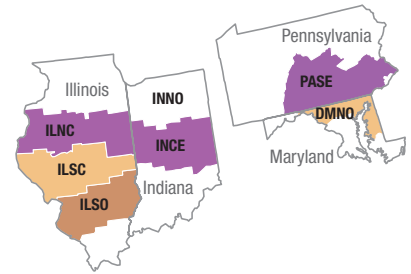
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## 3.5–4.7 GROUP RM

REGIONS **DMNO, ILNC, ILSC, ILSO, INCE, INNO, PASE**

- ▶ **209** products tested in 2016–2017
- ▶ **71** qualified (tested in 2017 in 2+ regions or 2017 & 2016)
- ▶ **44** with zero or higher yield advantage



Product Information				2016–2017 Results								
Company	Product	Technology	Maturity	Protein Adv.	Oil Adv.	Yield Adv.	Yield Advantage by Region					
							<small>Bold = 2-year average    Non-italic = 2017 only    Italic = 2016 only</small>					
Mid-Atlantic	MAS3674RR2/STS/EX	RRX,ST	3.6	na	na	5.5	DMNO 3.9	PASE 8.8				
Bayer	CZ3841LL	LL	3.8	na	na	5.1	DMNO 5.5	PASE 4.3				
Hubner	H42-13R2	RR2Y	4.2	-1.5	-0.4	4.7	<b>DMNO 4.7</b>					
Golden Harvest	GH4307X	RRX	4.3	-1.7	0.9	4.4	ILSC 5.5	ILSO 3.4				
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	-1.0	0.6	4.2	<b>DMNO 4.2</b>					
LG Seeds	C3550RX	RRX	3.5	0.1	0.4	3.8	<b>ILNC 3.9</b>	<i>ILSC 3.5</i>				
Dyna-Gro	S43XS27	RRX,ST	4.3	-0.2	-0.7	3.5	ILSO 3.5					
NK Brand	S35-K9X	RRX	3.5	-1.4	0.4	3.3	ILNC 3.3	ILSC 3.2	INCE 2.7	PASE 5.8		
Golden Harvest	GH3546X	RRX	3.5	-1.4	0.5	3.2	ILNC 4.9	ILSC 2.9	INCE 2.0			
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	na	na	3.0	DMNO 4.6	PASE -0.1				
FS HiSoy	HS 38X70	RRX,ST	3.8	-0.1	0.4	2.7	ILNC 2.6	ILSC 1.4	ILSO 4.7	INCE 1.8		
Stone	2RX4327-SR	RRX,ST	4.3	0.0	-0.6	2.3	ILSC 0.1	<b>ILSO 3.6</b>				
Pioneer	P35T58R	RR	3.5	-1.2	1.1	2.3	<b>DMNO 3.5</b>	<i>PASE 0.8</i>				
Ebberts	358R2X	RRX	3.5	0.3	0.1	2.1	INCE 0.3	INNO 3.6				
FS HiSoy	HS 46X60	RRX,ST	4.6	-0.1	-0.4	2.0	<b>ILSO 2.0</b>					
Pfister	39R201	RR2Y	3.9	1.2	-0.1	2.0	<b>ILSC 2.0</b>	<b>ILSO 2.1</b>				
Dyna-Gro	S35XT97	RRX	3.5	0.1	0.4	2.0	<b>ILNC 2.0</b>					
Pioneer	P38A98X	RRX	3.8	-0.3	-0.7	2.0	ILNC 1.3	ILSC 0.9	ILSO 3.6			
FS HiSoy	HS 44X60	RRX,ST	4.4	0.3	-0.7	1.9	<b>ILSO 1.9</b>					
Renk	RS357NX	RRX	3.5	-0.2	0.4	1.9	<b>ILNC 1.9</b>					
Great Heart	GT-3580X	RRX	3.5	0.1	0.3	1.8	<b>ILNC 1.8</b>					
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	na	na	1.8	DMNO 2.4	PASE 0.6				
Stone	2RX3527	RRX	3.5	-0.1	0.4	1.8	<b>ILNC 1.9</b>	<i>ILSC 1.7</i>				
Great Heart	GT-4231XS	RRX,ST	4.2	-0.3	-0.4	1.8	DMNO 1.6	ILSO 1.9				
Golden Harvest	GH3761X	RRX	3.7	-1.5	0.6	1.7	ILNC 0.3	INCE 3.1				
Golden Harvest	GH3982X	RRX	3.9	-1.1	1.2	1.7	ILSC 2.7	ILSO 0.6				
Stone	2RX3628	RRX	3.6	0.7	0.2	1.6	ILNC 0.4	ILSC 2.4				
Pfister	36R207	RR2Y	3.6	1.5	-0.7	1.4	ILNC 1.9	ILSC 0.9				
FS HiSoy	HS 43X60	RRX,ST	4.3	0.0	-0.6	1.3	<b>ILSC -0.7</b>	<b>ILSO 3.6</b>				
Dairyland	DSR-4011/R2Y	RR2Y,ST	4	1.0	0.0	1.2	<b>ILSC 3.9</b>	<b>ILSO -1.8</b>				
Pioneer	P40T84X	RRX	4	0.9	-0.6	1.2	ILSC 0.1	ILSO 2.3				
Dyna-Gro	S41XS98	RRX,ST	4.1	0.0	-0.7	1.1	ILSC 3.5	ILSO -1.3				
Great Heart	GT-3711XS	RRX,ST	3.7	-0.2	0.5	1.0	DMNO -1.3	ILNC 2.6				
Seed Consultants	SCS 9385RR	RR	3.8	-1.0	1.0	1.0	<i>ILSO 1.7</i>	INCE 0.3				
NK Brand	S37-H5X	RRX	3.7	-1.5	0.8	0.9	ILNC 0.6	ILSC 1.6	INCE 3.1	PASE -7.3		

**Interested in joining as a Field Manager?**  
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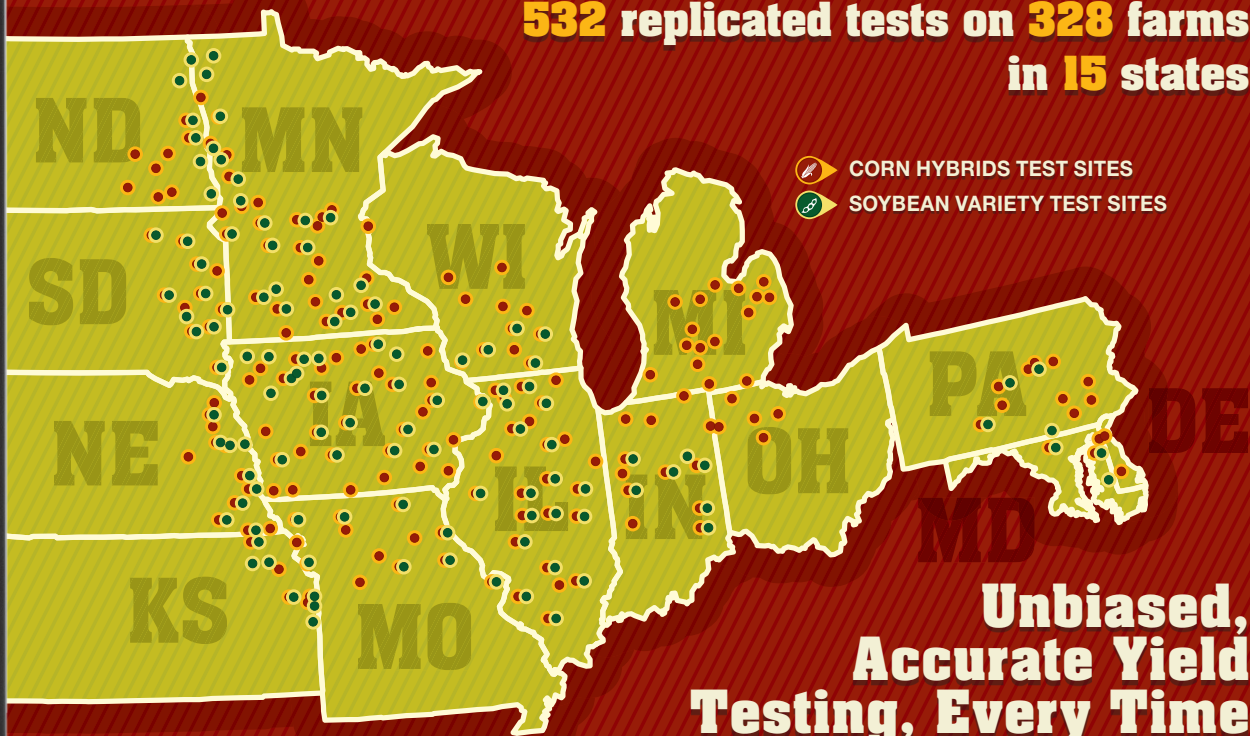
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