98

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CORN 2017

Iowa Crop Performance Tests

IOWA CROP IMPROVEMENT ASSOCIATION ICIA AMES, IOWA

IOWA STATE UNIVERSITY

Department of Agronomy

A summary of replicated research by Iowa Crop Improvement Association, Iowa's Official Variety Trials.

Iowa Crop Improvement Association

Iowa Crop Performance Tests—Corn is conducted each year to provide information farmers need to select the best hybrids for their production conditions. This is the 98th consecutive year for the test. Yield trial information, testing procedures, and more can be found at **croptesting.iastate.edu.**

Testing Procedures

Seed companies, Iowa Crop Improvement Association, and Iowa State University are eligible to enter hybrids in the Iowa Crop Performance Tests—Corn. There are three testing districts and five testing sites within each district (Figure 1). Entries were subdivided into experiments based on relative maturity, providing an early-season and full-season test within each district.

Each entry was replicated four times in four-row plots at a planting rate of 34,500 kernels per acre at each location. Row spacing was 30 inches, plot length was 20 feet, and planted row length was 17.4 feet. The center two rows of each plot were harvested with a corn combine. No gleanings or dropped ears were included in yield data. A moisture determination was made from each plot and yields were corrected to 15.5 percent moisture for shelled corn. Yield determinations are based on a 20 foot plot, which includes the planted row plus the alley. This is because area in alleys may contribute to the yield of plants at the ends of planted rows.

Information Layout

Tables 3-5 contain two-year averages of agronomic information from a maximum of five locations each year. Current year district averages are shown in Tables 6-11, and entries are reported in either the early-season or full-season hybrid tests within each district. These tables contain a mean yield, moisture, and adjusted gross value based on all locations within the district. In addition, there are yield estimates based on the western fields and the eastern fields within a district. In these estimates, the location in the center of the district is used in both subcomponents. Each of these tables also contains the single-location yield for each entry. Lodging and other additional information from the individual locations is available at croptesting.iastate.edu.

Least Squares Means

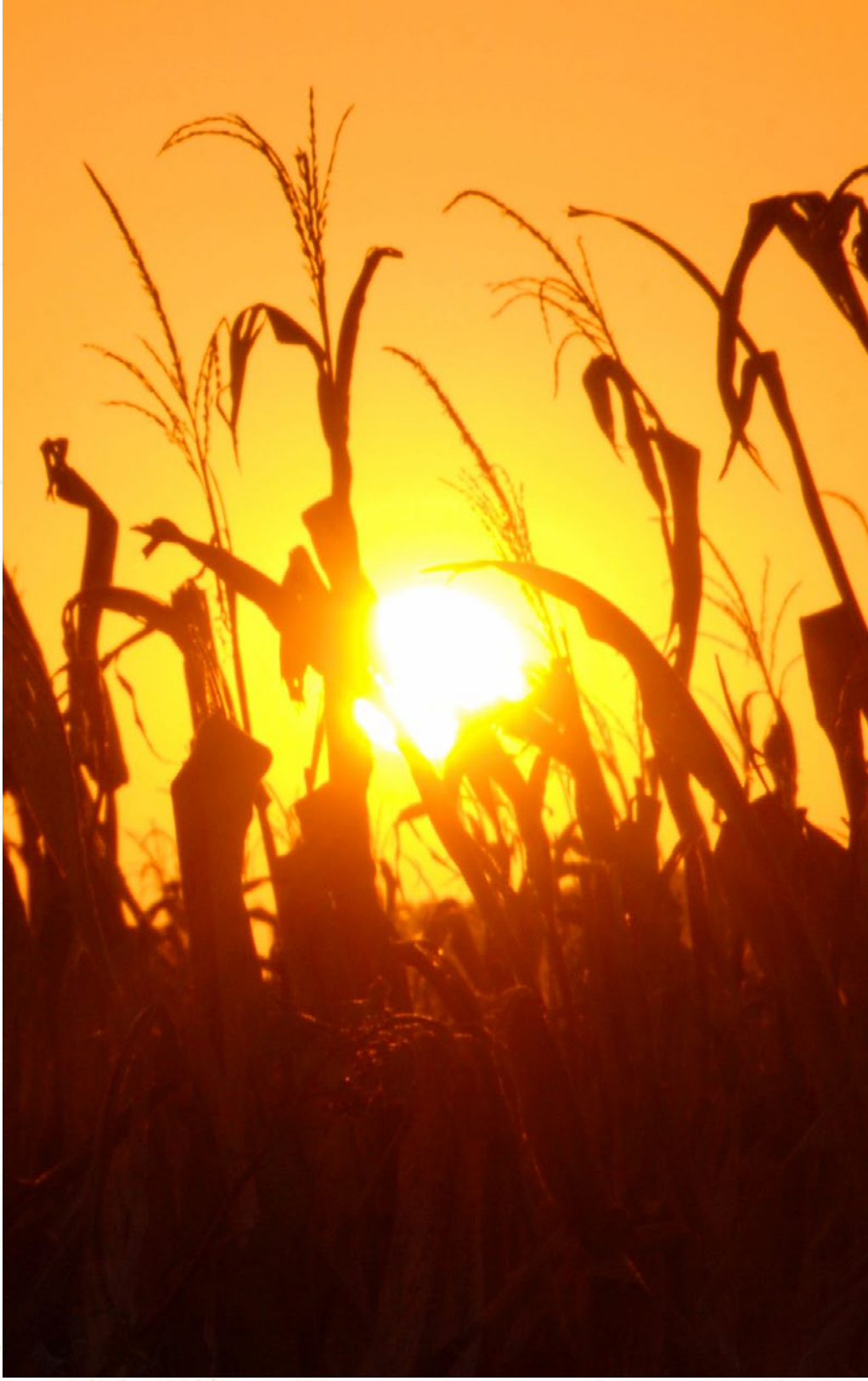
All trait means in all tables were computed using least squares means. In cases where some values are missing, this provides the best estimates of trait values across replications, locations, and years. Least squares means are not equivalent to simple arithmetic means like those computed in a spreadsheet program using raw data or location means. Least squares means should always be used in multiple-comparison tests like the Iowa Crop Performance Tests.

Interpretation of Results

Statistical analysis identifies the portion of yield differences due to variation in soil types, soil fertility, moisture availability, insect infestation, and diseases; plus any variation due to planting and harvesting techniques. The least significant difference (LSD) values for yield represent, in bushels per acre, the amount of yield variation that could be due to variations in the factors just mentioned. In comparing hybrids, yield differences greater than the LSD value can be attributed to differences in the yield potential of these hybrids; yield differences less than the LSD value are not statistically different and could have been due to other factors.

Grain moistures are indications of maturity and natural drying rate. Yield comparisons should be made among hybrids of similar maturity.

Growing conditions vary at each location. Stressful conditions, such as drought, extended periods of high temperature, or excess rainfall may affect some locations more than others. It is important to select hybrids having stable performance over a range of environmental conditions because it is not certain how next year's growing season will develop. High yields for two or more consecutive years indicate stable performance. If two-year means are not available, regional averages consisting of several locations should be used to make selection decisions. Performance data from a single location have a very low predictive probability and should not be relied upon for hybrid selection decisions.



Supplemental yield and agronomic information about specific hybrids may be obtained from seed dealers, crop consultants, and from neighbors who have grown these hybrids.

Use of Data in Advertisements

Specific advertising statements by a company about the performance of its entries must accurately reflect the published data.

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Department of Agronomy

The presentation of data for the hybrids tested does not imply endorsement by the authors or the agencies conducting the test.

Iowa Crop Improvement Association offers unbiased, third-party information to Iowa growers on the adaptation and performance of corn hybrids and soybean varieties. The latest results are available at **croptesting.iastate.edu.**

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Acknowledgments

This report would not be possible without the cooperative efforts of many organizations and people. Thanks to the following for helping make this testing program a success: Chad Arnold, Bill Fjelland, Ryan Frasch, and Josh Davis for tireless work and brilliant ideas throughout the year; Jim Bueltel of NuTech, and George Kadrmas of Monsanto for providing seed for fill plots and border rows; all of our cooperators, for without their help, our lives would be more difficult—they are listed in Table 1; David Loupee and Kenny Arnold, who put in long hours of hard work for very low pay; Jode Edwards, for statistical support; a small army of great students for assisting with our seed counting and experiment layouts—their efforts contributed greatly to the success of our mission; Kelly Iverson and Nuwan De Silva from ICIA who make it all look good. A special thanks to all of the companies who enter hybrids in our test. They are listed at the end of this report in Table 12. It is their participation and support that continues to make these tests an invaluable resource for growers.

For More Information

- For more information about the *Iowa Crop Performance Tests,* see **croptesting.iastate.edu.**
- For information about Iowa Crop Improvement Association, visit **www.iowacrop.org.**
- For questions or comments contact:

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Contents

Figure 1.

Test locations for the 2017 Iowa Crop Performance Tests—Corn

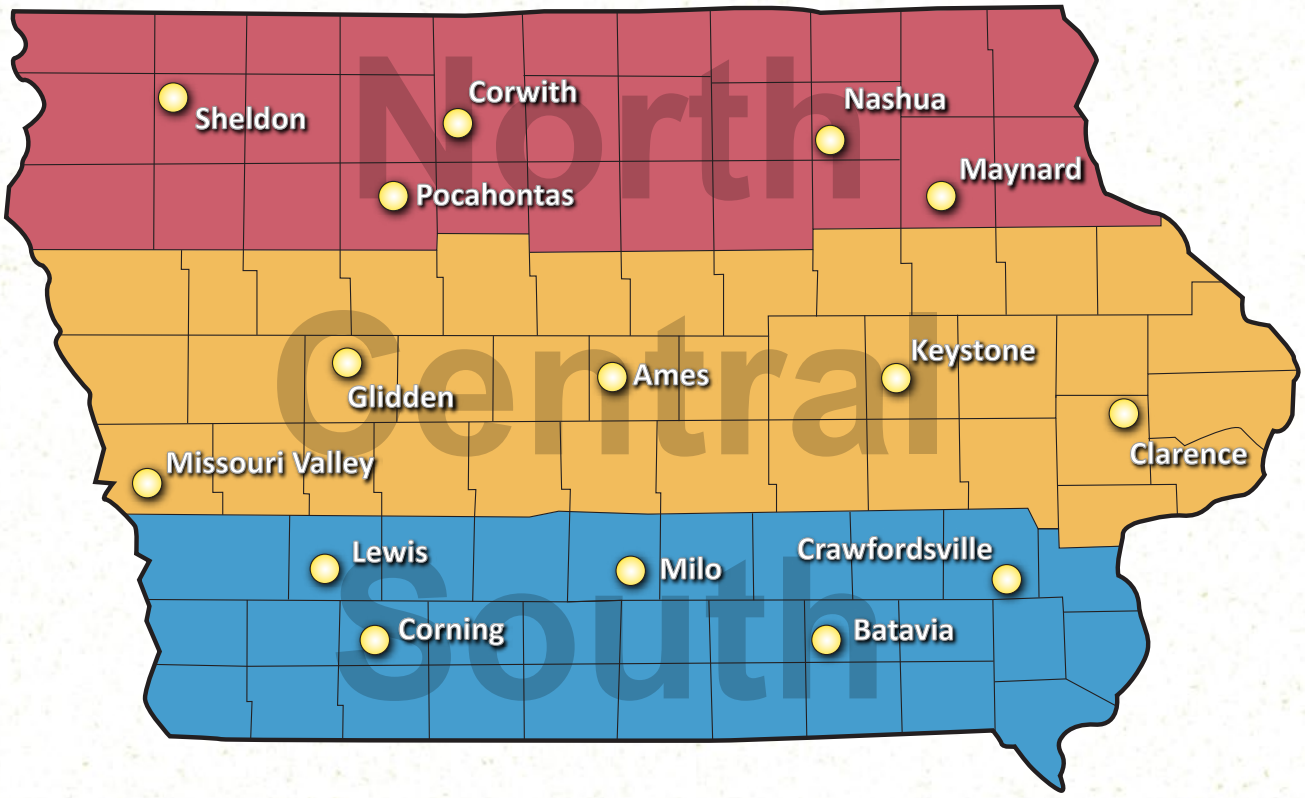

Table 1. General information for the 2017 corn test.

Location and Cooperator	Soil Type	Planting Date	Harvest Date	Avg Yield Bu/Acre
North				
Sheldon, Daryl Roos	Galva / Primghar silty clay loam	5-May	29-Oct	221.4
Pocahontas, John Schott	Canisteo clay loam	24-Apr	28-Oct	213.9
Corwith, Norm & Jonathan Chambers	Canisteo clay loam	5-May	30-Oct	220.6
Nashua, Ken Pecinovsky	Kenyon loam	5-May	24-Oct	203.8
Maynard, Heath Geiselman	Readlyn loam	5-May	31-Oct	249.2
Central				
Missouri Valley, Dean McIntosh	Kennebec silt loam	5-May	28-Oct	223.7
Glidden, David Theilen	Clarion loam / Nicollet loam	5-May	1-Nov	223.2
Ames, Kevin Scholbrock	Canisteo clay loam / Clarion loam	6-May	17-Oct	227.4
Keystone, Dennis & Steve Pohlman	Tama silty clay loam	27-Apr	20-Oct	254.2
Clarence, Dave Elijah	Muscatine silty clay loam	9-May	31-Oct	256.8
South				
Lewis, Dennis Jipsen	Marshall / Melia silty clay loam	24-Apr	17-Oct	211.4
Corning, David Fuller	Macksburg silty clay loam	24-Apr	26-Oct	200.5
Milo, Craig Hill	Macksburg silty clay loam	9-May	20-Oct	224.4
Batavia, Allen McElderry	Grundy silty clay loam	9-May	30-Oct	206.3
Crawfordsville, Myron Rees	Taintor silty clay loam	25-Apr	25-Oct	234.8

Table 2. GMO, seed treatment, and other data descriptions.

GMO Trait Package

AM	Optimum AcreMax
AMX	Optimum AcreMax Xtra
AMXT	Optimum AcreMax Xtreme
ARTSN	Agrisure Artesian
CBRW	Agrisure CornBorer
DGVT2P	Genuity DroughtGard + VT2P
GT3K	Agrisure 3000GT
HX1	Herculex
SSX	SmartStax
V3110	Viptera 3110
V3111	Viptera 3111
VT2P	YieldGard VT Double PRO
–RIB	Refuge-in-bag

Herb Tech: Herbicide Technology

GT	Agrisure Glyphosate Tolerant
LL	Liberty Link
RR2	Roundup Ready

IST: Insecticide Seed Treatment

A500PV	Acceleron 500/Poncho/VOTiVO
ACL250	Acceleron
ACL500	Acceleron
C250	Cruiser @ 0.250 mg ai / seed
CEP	Cruiser Extreme Pak
ESC	Escalate
MX-D	Maxim XL + Dynasty
MX-QT	Maxim XL + Quattro
P500V	Poncho 500 VOTiVO
P1250V	Poncho 1250 VOTiVO
PPST	Pioneer Premium Seed Treatment

RM: Relative maturity in days, provided by entrant
Yield: bushels per acre, standardized at 15.5% moisture
Moist: harvest moisture, expressed as percent
AGV: Adjusted Gross Value, based on a price per bushel of $3.25 and drying costs of 6 cents per point

This year we evaluated over 200 hybrids, from 25 companies, in more than 300 district-by-hybrid combinations. Entries were distributed in three districts and two experiments per district.
Each experiment was grown at five locations, with four replicates of each entry at each location.

Table 3. North district 2-year means, 2016-2017.

North early-season hybrids, ≈ RM ≤ 103

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	NW Yield Bu/A	NE Yield Bu/A	AGV $
Prairie Hybrids	3415	104	None	None	222.8	17.6	229.1	218.0	694
Titan Pro	TP 53-03 2P	103	VT2P-RIB	RR2	222.7	17.2	223.5	220.2	699
Pioneer	P0157AM	101	AM-RIB	LL,RR2	220.5	17.0	222.9	218.1	695
Prairie Hybrids	2607	103	None	None	220.1	17.4	222.1	220.1	688
Pioneer	P0339AM	103	AM-RIB	LL,RR2	219.7	17.0	221.1	218.4	692
NuTech	5N-800	100	GT3K	GT, LL	219.2	16.9	221.8	216.6	691
Titan Pro	TP 40-03	103	None	None	218.4	17.7	222.2	215.2	678
DEKALB	DKC52-68RIB	102	VT2P-RIB	RR2	216.8	17.7	216.2	213.9	674
Prairie Hybrids	1663	101	None	None	216.6	16.7	219.4	215.7	686
Renk	RK608DGVT2P	100	DGVT2P-RIB	RR2	216.3	16.3	220.3	213.0	690
Cornelius	C295	98	None	None	213.6	16.1	217.6	210.5	683
Great Lakes	5283STXRIB	102	VT2P-RIB	LL,RR2	213.0	17.1	214.4	211.5	669
Titan Pro	TP 65-00 2P	100	VT2P-RIB	RR2	212.2	16.3	213.7	211.2	677
Mycogen	MY01D81	101	None	RR2	211.9	17.2	216.2	209.7	665
Viking	57-01	101	None	None	209.3	16.6	211.2	209.7	663
Renk	RK680SSTX	103	SSX-RIB	LL,RR2	209.0	16.8	213.8	204.7	660
Viking	40-03	103	None	None	208.5	16.8	212.2	204.0	660
Renk	RK675DGVT2P	103	DGVT2P-RIB	RR2	205.8	16.8	207.3	201.9	651
Titan Pro	TP 58-01 2P	101	VT2P-RIB	RR2	205.7	16.4	206.7	205.0	655
Experiment Mean					**212.6**	**16.8**	**215.4**	**209.9**	
LSD(0.25)					**4.2**	**0.2**	**5.6**	**5.5**	

North full-season hybrids, ≈ RM > 103

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	NW Yield Bu/A	NE Yield Bu/A	AGV $
NuTech/G2 Genetics	5F-504	104	AM	LL,RR2	231.4	18.0	231.4	229.2	715
NuTech/G2 Genetics	5F-308	108	AM	LL,RR2	230.3	19.2	231.4	225.8	696
Mycogen	2G685	109	GT3K	GT, LL	229.7	19.8	234.1	224.9	685
DEKALB	DKC59-50RIB	109	VT2P-RIB	RR2	228.8	19.0	230.1	225.9	694
Prairie Hybrids	6903	110	None	None	228.2	19.1	233.6	224.9	690
Renk	RK794DGVT2P	108	DGVT2P-RIB	RR2	227.9	18.3	229.7	223.4	701
NuTech/G2 Genetics	5F-709	109	AM	LL,RR2	227.2	18.8	228.0	222.9	691
NuTech/G2 Genetics	5H-806	106	HX1	LL,RR2	227.2	18.4	228.9	222.2	697
Viking	49-09	109	None	None	227.1	18.5	233.5	218.6	696
Cornelius	C457SS	106	SSX	RR2	224.3	18.3	227.2	216.2	690
DEKALB	DKC58-06RIB	108	SSX-RIB	LL,RR2	224.0	18.7	225.4	222.0	683
Beck's	5665AMX TM*	106	AMX-RIB	LL,RR2	222.9	18.6	227.9	219.4	682
Titan Pro	TP 40-09	109	None	None	222.2	18.7	228.0	216.5	678
Renk	RK717SSTX	105	SSX-RIB	LL,RR2	222.1	17.6	223.5	218.4	692
Epley	E1910	109	None	None	221.8	18.6	227.2	215.0	678
Mycogen	MY06R31	106	None	RR2	221.2	18.3	223.4	216.3	680
Prairie Hybrids	5447	109	None	None	221.0	19.7	218.6	220.8	660
Epley	E1410	104	None	None	220.2	18.0	226.8	213.4	681
Renk	RK776SSTX	107	SSX-RIB	LL,RR2	220.1	18.9	228.9	209.0	669
Renk	RK792SSTX	108	SSX-RIB	LL,RR2	220.0	18.4	224.8	213.2	675
Producers Hybrids	6968STXRIB	109	SSX	LL,RR2	219.9	18.6	222.8	215.2	672
Mycogen	2A627	108	SSX-RIB	RR2	218.9	19.6	217.6	219.4	656
NorthStar Genetics	NS 104-167	105	SSX-RIB	LL,RR2	218.3	18.0	221.2	215.9	675
Titan Pro	TP 59-08 SS	108	SSX-RIB	LL,RR2	217.9	18.2	218.8	215.3	671
Four Star	6D35 RIB	104	VT2P-RIB	RR2	217.1	17.5	219.6	215.5	677
Viking	63-05	105	None	None	216.6	18.4	218.1	215.9	664
NuTech	5VN-4707	107	V3111	GT, LL	215.5	18.6	223.7	207.3	659
NorthStar Genetics	NS 106-526	106	SSX-RIB	LL,RR2	214.3	18.5	216.8	211.8	656
Epley	E1612SS	106	SSX	LL,RR2	212.1	18.5	211.8	212.4	649
Producers Hybrids	6508STXRIB	105	SSX	LL,RR2	211.1	18.3	214.4	205.1	649
Experiment Mean					**220.0**	**18.4**	**223.2**	**215.8**	
LSD(0.25)					**5.4**	**0.3**	**7.3**	**6.5**	

Table 4. Central district 2-year means, 2016-2017.

Central early-season hybrids, ≈ RM ≤ 109

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	CW Yield Bu/A	CE Yield Bu/A	AGV $
Mycogen	2G685	109	GT3K	GT, LL	249.6	18.2	240.7	254.3	768
NuTech/G2 Genetics	5F-308	108	AM	LL,RR2	245.0	17.9	230.8	255.6	760
DEKALB	DKC58-06RIB	108	SSX-RIB	LL,RR2	242.4	17.9	231.2	247.6	751
Prairie Hybrids	6903	110	None	None	240.8	17.8	229.5	248.7	747
DEKALB	DKC59-50RIB	109	VT2P-RIB	RR2	240.4	17.8	229.5	243.3	746
DuraCrop	3087VT2P	108	VT2P-RIB	RR2	236.8	17.7	227.9	243.1	736
Renk	RK794DGVT2P	108	DGVT2P-RIB	RR2	236.7	17.1	226.8	239.0	744
NuTech/G2 Genetics	5F-504	104	AM	LL,RR2	235.3	16.9	222.0	242.3	743
Mycogen	MY06R31	106	None	RR2	233.8	17.5	224.6	238.3	730
NuTech/G2 Genetics	5F-709	109	AM	LL,RR2	233.3	17.7	224.9	235.8	725
Renk	RK776SSTX	107	SSX-RIB	LL,RR2	233.1	17.9	224.2	236.4	722
Epley	E1410	104	None	None	232.6	17.1	222.6	239.6	731
Renk	RK717SSTX	105	SSX-RIB	LL,RR2	231.7	17.0	220.8	233.0	729
Four Star	6D35 RIB	104	VT2P-RIB	RR2	229.0	16.9	220.2	231.2	723
Roeschley	RX215VT2P	107	VT2P	RR2	228.9	17.0	211.9	234.4	721
Titan Pro	TP 40-09	109	None	None	228.2	17.7	219.6	231.6	709
NuTech	5VN-4707	107	V3111	GT, LL	228.0	17.2	218.7	231.9	716
Producers Hybrids	6968STXRIB	109	SSX	LL,RR2	227.3	17.5	218.1	229.3	710
Prairie Hybrids	5447	109	None	None	227.0	18.0	214.3	233.8	702
Renk	RK792SSTX	108	SSX-RIB	LL,RR2	223.8	17.3	214.2	231.0	700
Mycogen	2A627	108	SSX-RIB	RR2	222.2	18.2	206.6	233.3	684
NuTech/G2 Genetics	5H-806	106	HX1	LL,RR2	222.2	17.1	208.5	232.8	699
Cornelius	C457SS	106	SSX	RR2	221.9	17.2	207.8	232.4	696
Titan Pro	TP 59-08 SS	108	SSX-RIB	LL,RR2	221.1	17.1	208.7	226.8	695
Producers Hybrids	6508STXRIB	105	SSX	LL,RR2	218.2	17.4	204.4	226.6	682
Epley	E1612SS	106	SSX	LL,RR2	215.8	17.4	208.0	217.7	674
Experiment Mean					**229.6**	**17.5**	**218.3**	**235.8**	
LSD(0.25)					**8.4**	**0.3**	**12.5**	**9**	

Central full-season hybrids, ≈ RM > 109

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	CW Yield Bu/A	CE Yield Bu/A	AGV $
Four Star	6D75 RIB	114	VT2P-RIB	RR2	253.6	20.7	246.9	258.6	743
Four Star	6D55 RIB	110	VT2P-RIB	RR2	253.4	18.4	234.7	259.5	777
DEKALB	DKC64-34RIB	114	SSX-RIB	LL,RR2	253.2	20.3	245.4	256.0	748
Renk	RK871VT2P	111	VT2P-RIB	RR2	252.1	19.5	237.3	257.2	757
Producers Hybrids	7268STXRIB	112	SSX	LL,RR2	251.7	20.1	240.9	255.9	747
Miller Hybrids	M14-28BRG	114	GT3K	GT, LL	250.3	21.3	234.5	258.7	724
Cornelius	C765SS	114	SSX	RR2	248.6	20.0	225.7	260.8	738
Four Star	6D60 RIB	111	VT2P-RIB	RR2	248.2	19.4	240.2	250.6	747
Renk	RK924DGVT2P	114	DGVT2P-RIB	RR2	248.0	20.1	240.0	250.2	735
Mycogen	MY12G35RA	112	PC-RIB	RR2	247.5	20.0	233.3	251.1	735
NuTech	5N-410	110	GT3K	GT, LL	247.1	19.1	238.8	251.1	748
Titan Pro	TP 68-14 SS	114	SSX	LL,RR2	246.7	20.1	223.8	256.9	731
Titan Pro	TP 30-13	113	None	None	246.2	19.9	239.7	246.9	732
Prairie Hybrids	7355	112	None	None	244.7	19.6	226.8	252.5	733
Mycogen	2C799	113	SSX-RIB	RR2	243.2	20.2	231.9	247.1	720
DEKALB	DKC62-20RIB	112	VT2P-RIB	RR2	243.1	18.7	226.9	252.3	742
DuraCrop	3110GT3	111	GT3K	GT, LL	242.6	20.4	232.9	249.7	716
Prairie Hybrids	8904	114	None	None	242.1	20.1	239.4	242.7	718
Renk	RK810SSTX	110	SSX-RIB	LL,RR2	240.4	18.6	231.1	242.4	734
Renk	RK877DGVT2P	111	DGVT2P-RIB	RR2	240.0	18.8	234.0	242.6	731
Renk	RK941SSTX	114	SSX-RIB	LL,RR2	239.2	20.4	234.6	240.3	705
DuraCrop	3131VT3P	113	VT2P-RIB	RR2	236.3	18.7	224.1	241.2	720
NuTech/G2 Genetics	5F-510	110	AM	LL,RR2	236.0	19.0	216.6	246.7	716
Renk	RK815SSTX	111	SSX-RIB	LL,RR2	236.0	18.5	217.5	245.9	723
Titan Pro	TP 66-10 2P	110	VT2P-RIB	RR2	234.7	18.4	225.2	239.0	720
NuTech/G2 Genetics	5F-713	113	AM	LL,RR2	228.4	19.4	215.0	241.3	687
Experiment Mean					**241.9**	**19.4**	**228.8**	**247.9**	
LSD(0.25)					**9.3**	**0.3**	**14.2**	**9.3**	

Table 5. South district 2-year means, 2016-2017.

South early-season hybrids, ≈ RM ≤ 112

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	SW Yield Bu/A	SE Yield Bu/A	AGV $
DEKALB	DKC62-20RIB	112	VT2P-RIB	RR2	227.7	16.6	225.9	228.5	723
DEKALB	DKC60-87RIB	110	SSX-RIB	LL,RR2	226.1	17.2	220.3	229.1	710
Renk	RK871VT2P	111	VT2P-RIB	RR2	222.1	17.1	216.0	229.3	698
Four Star	6D55 RIB	110	VT2P-RIB	RR2	221.7	16.6	220.8	223.7	703
Four Star	6D60 RIB	111	VT2P-RIB	RR2	219.4	17.2	212.7	222.1	688
Mycogen	2G685	109	GT3K	GT, LL	218.7	17.0	214.7	220.9	689
Titan Pro	TP 66-10 2P	110	VT2P-RIB	RR2	217.8	16.5	214.1	220.4	693
Renk	RK877DGVT2P	111	DGVT2P-RIB	RR2	216.9	16.7	216.6	216.5	686
NuTech	5N-410	110	GT3K	GT, LL	216.3	17.1	213.0	217.4	680
Mycogen	MY12G35RA	112	PC-RIB	RR2	215.7	17.3	216.0	215.3	676
NuTech/G2 Genetics	5F-510	110	AM	LL,RR2	215.3	17.1	213.6	219.1	677
Miller Hybrids	M66-23BRG	110	GT3K	GT, LL	214.9	17.1	208.3	220.9	676
DuraCrop	3110GT3	111	GT3K	GT, LL	213.1	17.7	209.3	217.8	663
Titan Pro	TP 58-10 SS	110	SSX-RIB	LL,RR2	212.9	16.8	208.4	214.8	673
Renk	RK810SSTX	110	SSX-RIB	LL,RR2	211.1	16.7	207.1	214.5	668
Renk	RK815SSTX	111	SSX-RIB	LL,RR2	202.9	16.5	199.5	207.0	645
Epley	E1910	109	None	None	199.7	16.7	202.1	196.5	633
Experiment Mean					**215.5**	**17.0**	**212.5**	**218.1**	
LSD(0.25)					**6.6**	**0.3**	**8.7**	**7.6**	

South full-season hybrids, ≈ RM > 112

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	SW Yield Bu/A	SE Yield Bu/A	AGV $
DEKALB	DKC64-34RIB	114	SSX-RIB	LL,RR2	226.1	18.1	219.4	235.5	698
DEKALB	DKC66-74RIB	115	SSX-RIB	LL,RR2	225.0	18.0	222.8	230.8	696
Titan Pro	TP 56-14 2P	114	VT2P-RIB	RR2	220.6	17.5	211.3	229.9	689
Cornelius	C765SS	114	SSX	RR2	220.3	18.0	214.9	228.7	681
Great Lakes	6462STXRIB	114	VT2P-RIB	LL,RR2	219.2	18.0	217.7	226.6	678
Producers Hybrids	7428STXRIB	114	SSX	LL,RR2	217.9	17.8	215.0	226.3	677
Renk	RK924DGVT2P	114	DGVT2P-RIB	RR2	217.5	17.7	212.7	228.2	677
NuTech/G2 Genetics	5F-015	115	AM	LL,RR2	217.4	17.5	211.3	230.2	678
Four Star	6D75 RIB	114	VT2P-RIB	RR2	217.4	18.7	213.4	223.1	663
Titan Pro	TP 68-14 SS	114	SSX	LL,RR2	217.0	18.0	210.8	225.5	671
Pioneer	P1311AMXT	113	AMXT-RIB	LL,RR2	216.3	17.3	211.4	225.8	677
NuTech/G2 Genetics	5F-713	113	AM	LL,RR2	216.2	17.3	216.4	224.4	677
Beck's	6589V2P	115	VT2P-RIB	RR2	213.6	18.6	211.1	218.6	652
Prairie Hybrids	8904	114	None	None	213.5	17.6	208.0	220.2	665
Renk	RK941SSTX	114	SSX-RIB	LL,RR2	211.9	17.9	207.3	218.5	657
Titan Pro	TP 30-13	113	None	None	211.9	17.5	205.7	219.8	661
Roeschley	RX14-75VT2P	114	VT2P	RR2	211.8	18.6	206.4	222.0	648
Beck's	6365AM TM*	113	VT2P-RIB	LL,RR2	208.3	17.3	203.7	217.9	652
Miller Hybrids	M15-14	115	GT3K	GT, LL	206.5	19.0	200.7	216.2	626
DuraCrop	3131VT3P	113	VT2P-RIB	RR2	205.7	16.9	204.6	213.9	648
Mycogen	2C799	113	SSX-RIB	RR2	204.0	17.6	200.2	212.4	635
Experiment Mean					**212.9**	**17.8**	**208.4**	**220.8**	
LSD(0.25)					**6.0**	**0.3**	**7.8**	**7.9**	

Table 6. North district, 2017 district and single-location means. Early-season test, RM ≤ 103.

				District Means					Single Location Yield				
Company	Hybrid	Trait Pkg	Herb Tech	Yield Bu/A	NW Yield	NE Yield	Moist %	AGV $	Sheldon	Pocahontas	Corwith	Nashua	Maynard
Titan Pro	TP 53-03 2P	VT2P-RIB	RR2	231.3	225.9	231.1	16.8	729	239.7	218.5	219.4	214.9	259.1
Producers Hybrids	6093VT2Pro	VT2P	RR2	230.9	223.6	234.7	16.1	739	230.6	213.3	227.0	208.4	268.7
NuTech/G2 Genetics	5F-503	AM	LL,RR2	228.5	221.4	232.2	16.4	726	225.4	219.1	219.7	218.8	258.1
NuTech/G2 Genetics	5F-702	AM	LL,RR2	228.3	224.2	234.9	16.0	731	239.0	198.1	235.6	215.5	253.7
Prairie Hybrids	2607	None	None	227.0	225.2	232.9	16.9	714	207.6	227.4	240.7	195.8	262.2
Prairie Hybrids	3415	None	None	225.4	224.7	227.9	17.4	702	221.8	220.7	231.5	199.3	252.9
Cornelius	C385DP	VT2P	RR2	225.3	220.4	232.8	16.5	715	221.3	206.5	233.2	207.1	258.1
Titan Pro	TP 40-03	None	None	224.8	219.1	231.2	17.5	699	215.5	213.0	228.7	208.5	256.4
Titan Pro	TP 75-01 SS	SSX	LL,RR2	224.7	226.3	225.2	16.7	710	234.2	218.2	226.5	209.7	239.5
DEKALB	DKC50-08RIB	SSX-RIB	LL,RR2	223.8	220.0	225.8	16.3	713	226.2	211.2	222.6	207.4	247.4
Beck's	5113AMXT TM*	AMXT-RIB	LL,RR2	223.8	220.0	227.5	16.4	711	222.7	214.5	222.7	208.0	251.8
Pioneer	P0157AM	AM-RIB	LL,RR2	223.4	222.5	226.9	16.5	708	223.5	213.6	230.4	201.8	248.3
NuTech	5N-800	GT3K	GT, LL	222.6	220.8	225.7	16.7	704	231.0	204.6	226.8	203.3	247.2
Viking	44-98	None	None	222.4	217.2	225.4	16.0	713	231.9	206.8	212.7	209.7	253.7
NuTech/G2 Genetics	5F-601	AM	LL,RR2	221.7	221.3	225.3	16.3	706	223.1	212.4	228.5	199.4	248.1
DEKALB	DKC51-38RIB	SSX-RIB	LL,RR2	221.6	218.4	225.7	16.5	703	221.7	209.8	223.6	209.6	244.0
Renk	RK608DGVT2P	DGVT2P-RIB	RR2	221.4	219.0	223.7	16.2	707	223.8	209.5	223.7	203.5	244.1
Renk	RK642SSTX	SSX	LL,RR2	221.4	215.2	228.0	16.8	698	215.4	206.6	223.5	210.7	249.8
Great Lakes	5283STXRIB	VT2P-RIB	LL,RR2	220.6	218.3	223.8	16.9	694	218.1	213.9	222.9	201.5	246.9
Pioneer	P0339AM	AM-RIB	LL,RR2	220.2	217.6	225.8	16.7	696	218.2	209.6	225.0	196.9	255.5
Great Lakes	4988VT2Pro	VT2P-RIB	RR2	220.1	219.4	220.0	15.9	706	225.1	217.1	216.1	202.1	241.6
NuTech/G2 Genetics	5FN-7099	AM	LL,RR2	219.1	219.1	224.6	16.0	702	220.1	206.5	230.6	203.1	239.9
DEKALB	DKC52-68RIB	VT2P-RIB	RR2	218.6	211.0	223.1	17.1	685	218.8	205.2	208.9	204.6	255.9
Epley	E1020	None	None	218.0	216.9	218.9	16.0	698	218.0	216.7	215.9	197.2	243.7
Prairie Hybrids	1663	None	None	217.1	213.5	225.5	16.0	695	203.1	206.1	231.4	196.2	249.0
Titan Pro	TP 65-00 2P	VT2P-RIB	RR2	216.9	213.5	220.9	16.3	691	226.9	198.8	214.8	201.5	246.4
Cornelius	C380	None	None	216.6	217.8	219.7	16.6	686	217.0	208.4	228.1	202.7	228.3
Beck's	EX 1736*	AMXT-RIB	LL,RR2	216.3	214.4	223.8	16.4	687	206.8	207.6	228.8	192.8	249.7
Cornelius	C295	None	None	214.9	212.9	219.1	16.0	688	220.4	200.2	218.2	199.5	239.8
Viking	57-01	None	None	214.8	210.6	225.2	16.3	684	197.7	201.2	232.8	191.7	251.2
NorthStar Genetics	NS 100-531	SSX-RIB	LL,RR2	214.4	210.6	216.5	16.5	681	217.7	201.0	213.1	195.1	241.4
Producers Hybrids	5978STX	SSX	LL,RR2	213.2	209.6	218.0	16.1	682	214.1	199.0	215.7	198.3	239.9
Blue River	48G35	None	None	212.9	204.2	214.9	17.4	663	214.5	201.6	196.4	198.2	250.1
Epley	E1013VT2P	VT2P	RR2	212.5	214.3	211.6	16.1	679	227.5	200.2	215.2	183.3	236.5
Viking	53-01 Art	ARTSN	None	212.4	206.7	220.2	16.3	677	205.7	196.7	217.5	202.3	240.7
Renk	RK596SSTX	VT2P	RR2	212.0	208.1	215.4	15.9	680	219.7	198.6	205.9	200.2	240.1
NuTech/G2 Genetics	X5LN-0308	AMXT	LL,RR2	212.0	211.6	218.3	16.4	673	197.8	204.7	232.3	186.1	236.5
Mycogen	MY00J47	SSX	RR2	210.2	208.3	215.5	16.9	662	203.1	203.0	218.9	190.7	237.1
Renk	RK680SSTX	SSX-RIB	LL,RR2	209.9	211.2	211.5	16.4	667	217.0	199.8	216.8	190.1	227.8
Titan Pro	TP 58-01 2P	VT2P-RIB	RR2	209.4	204.6	213.4	16.1	669	207.2	197.8	208.9	193.8	237.7
Viking	40-03	None	None	209.2	208.0	209.5	16.5	664	211.6	203.7	208.8	186.4	233.3
Mycogen	MY01D81	None	RR2	209.1	209.0	214.2	16.8	660	202.4	207.1	217.5	182.3	242.9
Epley	E9500	None	None	208.8	209.4	212.3	15.8	672	213.3	198.5	216.3	189.4	231.3
NorthStar Genetics	NS 103-169	SSX-RIB	LL,RR2	208.4	201.4	212.3	16.9	656	206.9	193.9	203.5	202.3	231.2
Renk	RK675DGVT2P	DGVT2P-RIB	RR2	207.6	201.8	210.0	16.6	658	211.1	197.3	197.1	200.0	232.8
Renk	RK595SSTX	SSX-RIB	LL,RR2	206.9	201.7	208.1	16.0	663	218.3	189.8	197.1	199.1	228.2
Titan Pro	TP 61-01 3122A	V3122-RIB	GT, LL	202.5	195.3	209.6	16.7	640	201.4	183.4	201.1	195.0	232.6
Experiment Mean				**217.7**			**16.5**	**691**	**217.7**	**206.2**	**219.8**	**200.3**	**244.9**
Minimum Mean				**202.5**			**15.8**	**640**	**197.7**	**183.4**	**196.4**	**182.3**	**227.8**
Maximum Mean				**231.3**			**17.5**	**739**	**239.7**	**227.4**	**240.7**	**218.8**	**268.7**
LSD(0.25)				**5.3**			**0.2**		**8.1**	**9.3**	**10.8**	**6.4**	**7.4**
Coefficient of Variability				**4.5**					**4.5**	**5.5**	**6.0**	**3.9**	**3.7**

Table 7. North district, 2017 district and single-location means. Full-season test, RM > 103.

				District Means					Single Location Yield				
Company	Hybrid	Trait Pkg	Herb Tech	Yield Bu/A	NW Yield	NE Yield	Moist %	AGV $	Sheldon	Pocahontas	Corwith	Nashua	Maynard
Four Star	6D47 RIB	VT2P-RIB	RR2	240.4	235.3	243.0	17.7	744	237.7	234.1	234.0	223.6	271.4
NuTech/G2 Genetics	5F-504	AM	LL,RR2	239.2	234.4	245.8	17.4	745	236.0	223.7	243.5	226.6	267.3
Pioneer	P0825AM	AM-RIB	LL,RR2	238.3	231.2	243.0	18.6	724	241.5	221.3	230.8	223.0	275.1
Renk	RK763VT2P	VT2P	RR2	237.9	237.2	240.4	17.9	735	221.2	251.8	238.5	204.9	277.6
DEKALB	DKC59-50RIB	VT2P-RIB	RR2	234.8	230.3	238.5	18.4	717	236.9	224.1	230.0	222.7	262.9
Cornelius	C461SS	SSX	RR2	233.4	228.0	235.7	17.2	731	238.7	222.2	223.1	218.2	265.9
Prairie Hybrids	5787	None	None	233.3	229.2	234.1	18.1	716	233.5	228.9	225.2	205.9	271.3
Epley	E1712SS	SSX	LL,RR2	232.5	229.9	235.1	17.3	727	223.5	234.9	231.3	220.3	253.5
Renk	RK794DGVT2P	DGVT2P-RIB	RR2	232.2	228.1	232.2	17.9	717	234.5	229.9	219.8	213.6	263.3
Viking	49-09	None	None	232.2	231.1	230.6	18.2	711	241.0	230.3	222.1	219.2	250.6
DEKALB	DKC57-97RIB	SSX-RIB	LL,RR2	231.7	226.5	235.9	18.0	713	233.4	219.6	226.6	222.8	258.3
Viking	42-05	None	None	231.5	226.5	231.8	17.6	719	242.4	218.7	218.5	210.5	266.3
Great Lakes	5910VT2PRO	VT2P-RIB	RR2	231.4	231.7	230.7	18.0	713	232.6	234.4	228.1	213.9	250.1
Titan Pro	TP 40-09	None	None	230.7	231.6	230.2	18.3	705	239.5	224.0	231.4	218.6	240.7
NuTech/G2 Genetics	5F-709	AM	LL,RR2	230.1	223.6	230.4	18.1	707	230.4	226.0	214.4	222.7	254.1
NuTech/G2 Genetics	5F-308	AM	LL,RR2	230.1	227.1	229.8	18.4	702	229.2	232.9	219.2	206.8	263.4
Mycogen	2G685	GT3K	GT, LL	229.8	232.7	226.9	19.1	691	234.5	231.0	232.5	197.6	250.7
Titan Pro	TP 77-06 SS	SSX	LL,RR2	229.4	224.1	229.0	17.5	713	241.0	217.4	213.9	214.7	258.3
NuTech/G2 Genetics	5H-806	HX1	LL,RR2	228.3	222.1	231.9	17.9	704	230.5	212.7	223.1	206.3	266.3
Prairie Hybrids	4711	None	None	228.1	226.9	228.0	18.4	697	235.6	221.3	223.7	206.8	253.5
Four Star	6D41 RIB	VT2P-RIB	RR2	228.0	223.5	227.9	17.8	705	222.9	231.4	216.1	205.3	262.3
Epley	E1910	None	None	227.4	224.1	227.1	18.3	696	224.2	231.5	216.5	212.0	252.8
Renk	RK717SSTX	SSX-RIB	LL,RR2	227.0	221.7	228.0	17.0	714	239.9	208.7	216.4	218.9	248.6
Roeschley	RX215	None	None	226.6	228.9	225.3	17.3	707	232.2	225.3	229.2	209.5	237.3
Cornelius	C457SS	SSX	RR2	226.2	224.7	222.4	17.5	703	230.2	235.5	208.3	206.3	252.6
Producers Hybrids	6968STXRIB	SSX	LL,RR2	225.7	222.5	228.5	17.9	696	220.9	223.8	222.8	211.0	251.6
Renk	RK776SSTX	SSX-RIB	LL,RR2	225.5	229.9	218.3	18.1	693	227.9	246.6	215.1	194.9	244.8
Prairie Hybrids	6903	None	None	225.4	227.1	226.6	18.6	686	215.8	229.2	236.4	195.5	247.9
Miller Hybrids	M06-27BR	CBRW	LL	225.1	219.7	232.4	18.2	690	221.6	209.1	228.4	210.7	258.1
Mycogen	2A627	SSX-RIB	RR2	225.0	220.8	233.3	18.5	686	201.7	223.3	237.4	200.3	262.2
Miller Hybrids	M06-39	None	None	224.4	219.2	226.3	17.2	702	225.6	218.9	213.1	204.5	261.2
Epley	E1410	None	None	224.0	223.0	224.3	17.6	696	223.1	222.3	223.4	198.6	250.9
Beck's	5665AMX TM*	AMX-RIB	LL,RR2	222.9	222.5	224.8	17.9	687	208.4	234.0	225.1	199.2	250.0
Cornelius	C408DP	VT2P	RR2	222.5	217.3	218.2	16.9	701	229.6	221.8	200.5	204.5	249.7
NuTech/G2 Genetics	5D-906	AMX	LL,RR2	222.5	221.4	228.5	18.0	684	202.1	223.7	238.5	209.0	238.0
Great Lakes	5626VT2PRO	VT2P-RIB	RR2	222.2	221.7	224.3	17.6	689	226.5	208.4	230.1	198.2	244.4
NuTech/G2 Genetics	5LB-1606	AMXT	LL,RR2	222.0	222.0	222.7	17.2	694	218.3	222.9	224.7	194.5	248.8
DEKALB	DKC58-06RIB	SSX-RIB	LL,RR2	221.7	219.2	225.0	18.1	681	227.4	207.4	222.7	197.3	255.0
NorthStar Genetics	NS 104-167	SSX-RIB	LL,RR2	221.6	219.5	227.0	17.5	689	214.7	209.8	233.8	197.5	249.5
Mycogen	MY06R31	None	RR2	220.6	219.6	218.5	17.7	683	223.8	228.4	206.6	199.5	249.4
Prairie Hybrids	5447	None	None	220.2	208.6	225.9	19.6	656	208.4	212.6	204.8	206.7	266.0
Pioneer	P0589AM	AM-RIB	LL,RR2	220.1	218.7	223.4	17.3	688	213.8	215.5	226.6	197.2	246.3
Four Star	6D35 RIB	VT2P-RIB	RR2	220.0	219.8	223.9	16.8	694	223.8	208.8	227.0	199.6	245.0
Mycogen	M276294	SSX	RR2	220.0	209.6	229.1	17.7	682	200.9	206.9	221.0	206.7	259.5
Viking	13-07	None	None	219.6	213.4	221.4	17.2	687	210.9	219.4	210.0	203.7	250.6
Beck's	5883V2P	VT2P-RIB	RR2	219.6	213.7	221.6	17.7	681	239.1	191.7	210.4	209.8	244.6
Titan Pro	TP 59-08 SS	SSX-RIB	LL,RR2	219.1	214.4	220.1	17.6	680	224.5	210.2	208.4	204.9	246.8
DEKALB	DKC55-84RIB	SSX-RIB	LL,RR2	219.0	214.1	221.3	17.5	681	221.3	211.8	209.3	195.2	259.2
Producers Hybrids	6508STXRIB	SSX	LL,RR2	218.0	216.3	218.8	17.7	676	221.4	213.3	214.2	193.4	248.8
Mycogen	MY04Y97	SSX	RR2	217.5	217.3	219.8	17.5	676	214.3	217.4	220.2	199.6	239.7
NuTech	5VN-4707	V3111	GT, LL	216.9	220.5	213.8	18.2	666	225.7	220.3	215.5	199.3	226.5
Renk	RK792SSTX	SSX-RIB	LL,RR2	216.7	216.1	214.0	17.6	672	230.4	211.8	206.1	202.0	234.1
NorthStar Genetics	NS 106-526	SSX-RIB	LL,RR2	216.7	211.0	219.0	17.9	668	213.7	211.5	207.9	207.9	241.1
Cornelius	C574SS	SSX	RR2	215.5	210.2	223.4	17.6	670	205.7	202.6	222.4	200.8	247.0
Miller Hybrids	M06-64L	None	LL	214.2	210.6	220.3	20.5	624	192.1	220.7	219.1	202.0	239.8
Viking	63-05	None	None	213.7	208.5	218.0	18.0	658	213.9	198.8	212.7	192.9	248.3
Epley	E1612SS	SSX	LL,RR2	201.8	192.9	209.3	18.0	622	198.5	180.2	200.2	196.4	231.3
Experiment Mean				**225.1**			**17.9**	**695**	**224.4**	**220.3**	**221.2**	**206.7**	**252.8**
Minimum Mean				**201.8**			**16.8**	**622**	**192.1**	**180.2**	**200.2**	**192.9**	**226.5**
Maximum Mean				**240.4**			**20.5**	**745**	**242.4**	**251.8**	**243.5**	**226.6**	**277.6**
LSD(0.25)				**6.8**			**0.3**		**8.6**	**9.5**	**11.7**	**6.7**	**8.2**
Coefficient of Variability				**4.4**					**4.7**	**5.3**	**6.4**	**4.0**	**4.0**

Table 8. Central district, 2017 district and single-location means. Early-season test, RM ≤ 109.

				District Means					Single Location Yield				
Company	Hybrid	Trait Pkg	Herb Tech	Yield Bu/A	CW Yield	CE Yield	Moist %	AGV $	Missouri Valley	Glidden	Ames	Keystone	Clarence
Mycogen	2G685	GT3K	GT, LL	247.0	238.3	249.8	17.7	765	244.2	240.6	230.2	257.2	262.2
Four Star	6D41 RIB	VT2P-RIB	RR2	245.7	238.5	247.8	16.8	776	245.8	239.0	230.8	251.4	261.2
Four Star	6D47 RIB	VT2P-RIB	RR2	244.9	235.1	246.4	17.0	769	240.4	244.6	220.1	266.1	253.0
Renk	RK763VT2P	VT2P	RR2	244.8	240.3	245.7	16.8	772	256.8	228.7	235.2	249.5	252.3
Prairie Hybrids	4711	None	None	244.6	228.0	254.0	17.5	761	235.4	222.2	226.6	277.6	257.9
Prairie Hybrids	6903	None	None	244.6	238.9	245.9	17.6	759	234.3	256.0	226.6	250.5	260.5
NuTech/G2 Genetics	5F-308	AM	LL,RR2	242.7	225.3	257.5	17.3	758	202.2	238.4	235.4	263.3	273.8
Epley	E1410	None	None	240.8	231.5	247.4	16.8	760	231.0	230.2	233.4	256.5	252.5
DEKALB	DKC59-50RIB	VT2P-RIB	RR2	240.2	225.1	249.3	17.1	753	231.2	219.0	225.0	255.0	267.9
Pioneer	P0825AM	AM-RIB	LL,RR2	239.8	216.2	260.1	17.1	752	204.1	215.0	229.5	268.5	282.1
Miller Hybrids	M08-06BGV	V3110	GT, LL	239.6	221.9	250.9	18.9	724	219.1	229.1	217.5	263.4	271.7
DEKALB	DKC58-06RIB	SSX-RIB	LL,RR2	237.6	227.5	242.7	17.3	741	229.6	229.1	224.0	247.3	256.9
Miller Hybrids	M09-01BG	None	None	236.8	224.0	241.6	17.7	734	230.3	228.4	213.5	247.7	263.7
Great Lakes	5626VT2PRO	VT2P-RIB	RR2	236.5	227.6	234.4	16.9	744	232.3	244.5	206.0	241.0	256.3
Renk	RK794DGVT2P	DGVT2P-RIB	RR2	236.3	226.2	239.2	16.7	747	238.4	224.9	215.3	261.3	241.0
DuraCrop	3087VT2P	VT2P-RIB	RR2	236.3	229.9	241.9	17.1	741	234.7	219.5	235.7	232.1	257.8
NuTech/G2 Genetics	5F-504	AM	LL,RR2	236.2	223.1	247.6	16.3	752	232.6	209.7	226.9	258.4	257.4
Mycogen	MY06R31	None	RR2	235.9	225.1	241.6	17.0	741	225.3	230.3	219.8	255.3	249.7
Great Lakes	5910VT2PRO	VT2P-RIB	RR2	235.7	215.4	249.6	17.1	739	183.5	242.0	220.7	266.3	261.9
Cornelius	C461SS	SSX	RR2	235.3	219.5	244.9	16.3	749	233.7	204.8	219.9	259.3	255.5
Prairie Hybrids	5787	None	None	234.3	219.8	243.4	17.4	730	211.6	227.4	220.3	253.2	256.6
Pioneer	P0589AM	AM-RIB	LL,RR2	234.1	218.4	245.6	16.4	744	209.5	226.4	219.4	251.7	265.7
Renk	RK776SSTX	SSX-RIB	LL,RR2	234.1	224.3	236.0	17.5	729	238.9	224.9	209.0	232.6	266.3
Titan Pro	TP 40-09	None	None	233.8	229.4	236.5	17.3	730	236.1	226.4	225.8	238.4	245.2
NuTech/G2 Genetics	5F-709	AM	LL,RR2	233.4	224.0	233.2	17.0	734	238.3	227.9	205.7	236.9	256.9
Viking	49-09	None	None	232.5	220.5	240.4	17.3	726	228.8	211.7	221.0	245.8	254.6
DuraCrop	3060STX	SSX	LL,RR2	232.1	221.7	238.3	16.5	736	226.7	221.3	217.2	236.1	261.6
Cornelius	C564SS	SSX	RR2	231.7	210.9	247.5	17.6	719	179.5	229.1	224.1	263.5	254.9
Epley	E1712SS	SSX	LL,RR2	231.6	222.9	238.7	16.4	736	232.7	213.8	222.1	249.8	244.3
Titan Pro	TP 77-06 SS	SSX	LL,RR2	230.9	216.3	238.5	16.5	732	221.9	216.2	211.0	254.9	249.6
Viking	13-07	None	None	230.9	222.7	237.1	16.7	729	217.9	225.6	224.6	244.3	242.4
Producers Hybrids	6968STXRIB	SSX	LL,RR2	229.6	217.8	231.9	16.9	723	223.7	222.7	207.1	246.7	241.9
Mycogen	M26746	SSX	RR2	228.1	233.9	224.8	17.5	709	225.0	243.1	233.5	178.6	262.2
Miller Hybrids	M06-27BR	CBRW	LL	227.8	222.1	239.7	17.3	711	187.3	235.2	243.6	233.6	241.9
Miller Hybrids	M07-65BRGV	V3111	GT, LL	227.8	218.8	233.0	18.4	696	216.4	224.1	215.8	233.9	249.2
DEKALB	DKC55-84RIB	SSX-RIB	LL,RR2	227.7	217.6	234.0	16.3	725	215.8	217.0	219.9	240.1	242.2
Mycogen	2A627	SSX-RIB	RR2	227.5	209.3	241.4	17.7	705	197.0	218.0	213.1	256.9	254.2
Renk	RK717SSTX	SSX-RIB	LL,RR2	227.1	219.0	229.8	16.4	722	242.1	207.6	207.3	239.3	242.9
Roeschley	RX215VT2P	VT2P	RR2	227.0	214.6	234.0	16.4	722	214.9	220.4	208.5	244.5	249.1
Prairie Hybrids	5447	None	None	226.1	212.5	235.2	17.6	701	209.2	218.8	209.5	245.3	250.8
NuTech	5VN-4707	V3111	GT, LL	225.6	215.9	230.8	16.7	713	206.0	230.7	210.9	240.3	241.3
NuTech/G2 Genetics	5LB-1606	AMXT	LL,RR2	225.2	213.9	231.7	16.3	718	213.3	216.8	211.6	239.6	243.8
Mycogen	MY08T21	SSX	RR2	221.9	206.8	233.1	17.8	686	203.9	210.5	206.0	245.2	248.0
DEKALB	DKC57-97RIB	SSX-RIB	LL,RR2	219.6	206.0	229.7	16.7	694	197.7	210.1	210.2	237.0	241.8
Four Star	6D35 RIB	VT2P-RIB	RR2	217.3	208.0	222.5	16.0	696	224.6	196.1	203.4	230.5	233.6
Cornelius	C574SS	SSX	RR2	217.0	202.0	226.8	16.4	690	204.5	199.4	202.1	226.8	251.4
NuTech/G2 Genetics	5H-806	HX1	LL,RR2	215.6	196.8	230.5	16.6	683	165.7	213.6	210.9	232.7	248.1
Beck's	5883V2P	VT2P-RIB	RR2	214.2	201.6	225.2	16.5	679	209.0	187.2	208.5	231.8	235.2
Producers Hybrids	6508STXRIB	SSX	LL,RR2	213.4	198.9	224.6	16.8	673	192.5	200.8	203.4	235.4	235.1
Renk	RK792SSTX	SSX-RIB	LL,RR2	212.6	206.1	218.9	16.5	674	220.8	185.8	211.6	216.0	229.0
Titan Pro	TP 59-08 SS	SSX-RIB	LL,RR2	212.1	200.6	223.0	16.5	673	205.9	187.1	208.6	219.9	240.4
Roeschley	RX060-60SS	SSX	LL,RR2	208.9	201.0	217.4	16.7	661	186.4	207.3	209.2	204.7	238.3
Cornelius	C457SS	SSX	RR2	207.6	192.8	221.8	16.6	658	176.4	188.9	213.0	223.5	229.0
Epley	E1612SS	SSX	LL,RR2	197.8	196.8	197.5	16.9	623	193.0	201.8	195.6	179.8	217.1
Experiment Mean				**230.0**			**17.0**	**722**	**217.7**	**220.2**	**217.7**	**242.9**	**251.1**
Minimum Mean				**197.8**			**16.0**	**623**	**165.7**	**185.8**	**195.6**	**178.6**	**217.1**
Maximum Mean				**247.0**			**18.9**	**776**	**256.8**	**256.0**	**243.6**	**277.6**	**282.1**
LSD(0.25)				**9.2**			**0.3**		**10.7**	**12.0**	**9.2**	**10.4**	**8.4**
Coefficient of Variability				**4.9**					**6.0**	**6.6**	**5.2**	**5.2**	**4.1**

Table 9. Central district, 2017 district and single-location means. Full-season test, RM > 109.

				District Means					Single Location Yield				
Company	Hybrid	Trait Pkg	Herb Tech	Yield Bu/A	CW Yield	CE Yield	Moist %	AGV $	Missouri Valley	Glidden	Ames	Keystone	Clarence
DEKALB	DKC63-21RIB	SSX-RIB	LL,RR2	256.6	237.6	270.5	18.4	784	239.4	229.8	243.6	296.6	271.1
Four Star	6D55 RIB	VT2P-RIB	RR2	255.2	237.0	269.9	17.7	791	247.7	222.3	240.9	301.6	267.2
Prairie Hybrids	6878	None	None	254.6	245.7	260.9	18.9	769	251.5	237.2	248.3	271.2	263.0
Titan Pro	TP 71-12 DG2P	DGVT2P-RIB	RR2	254.1	240.5	264.3	18.6	772	246.4	230.5	244.5	288.4	259.9
Renk	RK871VT2P	VT2P-RIB	RR2	253.1	235.4	265.0	18.4	773	251.2	220.4	234.5	280.8	279.7
Renk	RK859DGVT2P	DGVT2P	RR2	252.1	238.7	260.4	18.4	769	249.1	231.4	235.6	276.5	269.3
Viking	53-12	None	None	251.4	232.3	265.2	19.2	755	226.3	233.5	237.0	291.1	267.6
Beck's	6368V2P	VT2P-RIB	RR2	251.3	238.2	262.5	18.3	769	236.0	233.7	244.7	274.3	268.3
Prairie Hybrids	6407	None	None	250.8	236.6	263.1	18.2	769	245.4	224.7	239.5	296.9	252.8
Pioneer	P0937AM	AM-RIB	LL,RR2	250.5	224.6	269.1	17.6	777	242.3	202.3	229.3	290.6	287.5
NuTech/G2 Genetics	5FB-1010	AM	LL,RR2	250.4	228.9	271.3	18.2	768	231.1	206.7	248.9	288.4	276.7
Four Star	6D75 RIB	VT2P-RIB	RR2	250.4	241.1	258.5	19.7	743	227.1	249.8	246.5	267.0	262.0
DuraCrop	3126GT3	GT3K	GT, LL	250.2	232.7	267.8	19.0	754	230.6	218.7	248.9	293.6	260.8
Renk	RK924DGVT2P	DGVT2P-RIB	RR2	250.1	239.1	255.6	19.1	752	244.4	238.0	234.9	267.1	264.7
Titan Pro	TP 30-13	None	None	250.0	243.2	253.5	19.2	750	248.3	239.0	242.4	252.0	266.1
NuTech/G2 Genetics	X5FN-1306	AM	LL,RR2	249.5	229.7	263.5	18.3	764	239.7	219.0	230.6	286.5	273.4
DEKALB	DKC64-34RIB	SSX-RIB	LL,RR2	249.3	242.2	252.8	19.1	750	249.5	242.5	234.6	254.0	269.7
NuTech	X5NN-1212	GT3K	GT, LL	247.7	226.8	263.9	19.2	743	220.8	223.0	236.7	287.1	268.0
Great Lakes	6401STXRIB	VT2P-RIB	LL,RR2	247.5	236.3	254.8	18.9	747	238.3	233.3	237.2	253.2	273.9
Mycogen	MY12G35RA	PC-RIB	RR2	247.1	236.2	253.9	19.6	735	239.1	235.0	234.4	279.2	248.3
Miller Hybrids	M14-28BRG	GT3K	GT, LL	247.0	232.9	262.0	20.4	722	221.7	227.7	249.3	281.4	255.2
Beck's	6274V2P	VT2P-RIB	RR2	246.7	238.5	258.5	18.7	748	217.9	242.0	255.7	264.4	255.5
DEKALB	DKC62-52RIB	SSX-RIB	LL,RR2	246.2	235.7	253.4	17.8	761	250.7	222.1	234.3	261.8	264.0
Four Star	6D60 RIB	VT2P-RIB	RR2	246.0	237.3	249.8	18.2	754	243.7	235.9	232.3	268.7	248.5
Beck's	6489SX	SSX-RIB	LL,RR2	246.0	230.1	256.4	18.5	750	229.8	229.6	230.9	270.4	267.9
Pioneer	P1197AM	AM-RIB	LL,RR2	245.8	221.2	266.3	17.7	762	209.6	219.7	234.3	279.7	284.9
DuraCrop	3109GT2	VT2P-RIB	GT, LL	245.8	232.4	253.5	18.0	757	241.9	225.5	229.9	273.5	257.0
NuTech	5N-410	GT3K	GT, LL	245.2	237.5	252.5	18.3	751	238.2	230.7	243.6	252.0	261.7
Prairie Hybrids	8904	None	None	244.6	240.3	246.4	19.4	731	247.8	232.8	240.4	237.7	261.1
Producers Hybrids	7268STXRIB	SSX	LL,RR2	244.3	236.1	247.8	19.0	736	246.1	235.2	227.0	254.1	262.2
Titan Pro	TP 74-12 SS	SSX	LL,RR2	244.1	232.8	254.7	18.7	741	214.7	235.8	248.1	251.5	264.6
Miller Hybrids	M11-52	None	None	244.0	230.2	253.3	19.0	735	230.2	226.8	233.7	276.4	249.9
Mycogen	MY13C17	SSX	RR2	244.0	231.9	254.4	19.2	732	221.1	236.2	238.5	273.0	251.8
Renk	RK877DGVT2P	DGVT2P-RIB	RR2	243.6	232.5	250.5	17.8	753	237.9	225.9	233.6	250.8	267.1
Four Star	6D63 RIB	VT2P-RIB	RR2	243.3	233.1	254.1	18.8	737	215.0	236.1	248.3	258.2	255.7
Cornelius	C576SS	SSX	RR2	243.2	230.6	248.4	17.7	754	245.7	223.5	222.5	263.2	259.6
DuraCrop	3110GT3	GT3K	GT, LL	242.1	231.0	255.4	19.4	723	228.1	213.0	251.8	262.5	252.1
Great Lakes	6224STX	VT2P-RIB	LL,RR2	241.5	228.2	253.8	18.3	739	235.3	213.4	235.8	259.1	266.5
DEKALB	DKC62-20RIB	VT2P-RIB	RR2	241.4	222.9	258.3	17.8	747	217.3	213.7	237.6	267.3	270.0
Titan Pro	TP 68-14 SS	SSX	LL,RR2	241.3	221.8	258.0	19.0	727	207.8	224.9	232.6	268.9	272.4
Mycogen	2C799	SSX-RIB	RR2	241.1	233.2	247.3	19.2	723	229.6	236.9	233.2	243.4	265.3
DuraCrop	3131VT3P	VT2P-RIB	RR2	240.7	228.1	253.7	17.8	744	222.9	219.6	241.7	260.0	259.5
Renk	RK810SSTX	SSX-RIB	LL,RR2	240.5	232.7	245.0	17.9	742	237.6	230.2	230.3	249.3	255.4
Prairie Hybrids	7355	None	None	240.1	223.7	253.0	18.7	729	216.8	224.8	229.7	254.8	274.3
Cornelius	C765SS	SSX	RR2	240.1	215.9	258.8	19.0	724	188.3	231.5	227.9	280.1	268.5
DuraCrop	3127STX	SSX	LL,RR2	239.6	228.9	252.2	18.6	729	210.4	231.6	244.7	254.0	257.9
Epley	E2200	None	None	239.5	216.5	262.8	18.2	734	203.4	204.8	241.2	264.7	282.5
Producers Hybrids	7148STX	SSX	LL,RR2	239.4	226.3	250.6	18.6	728	201.9	244.3	232.7	268.0	251.0
Renk	RK941SSTX	SSX-RIB	LL,RR2	239.3	233.2	241.1	19.6	711	250.5	220.5	228.6	230.8	264.1
Mycogen	MY12H25RA	PC-RIB	RR2	239.2	226.1	248.3	19.4	715	221.5	230.1	226.8	267.4	250.6
Miller Hybrids	M10-61BGV EZ	V3220-RIB	GT	237.3	228.3	240.7	18.2	728	239.3	227.1	218.4	257.7	246.2
Renk	RK842SSTX	SSX	LL,RR2	237.0	221.6	250.9	18.6	721	195.5	232.6	236.8	251.2	264.8
Roeschley	RX436SS	SSX	LL,RR2	236.6	222.5	249.5	18.0	728	215.4	222.8	229.2	257.8	261.7
Cornelius	C667DP	VT2P	RR2	236.4	223.1	252.0	18.7	717	200.6	224.0	244.7	269.2	242.1
NuTech/G2 Genetics	5F-510	AM	LL,RR2	234.4	209.4	254.7	18.0	721	193.9	212.6	221.6	265.3	277.2
Mycogen	MY10Y47	SSX	RR2	231.0	230.1	228.9	19.2	694	238.0	226.6	225.6	215.4	245.8
Cornelius	C585DP	VT2P	RR2	230.6	226.1	232.6	17.5	717	249.8	210.3	218.0	242.1	237.7
Roeschley	RX14-75VT2P	VT2P	RR2	229.5	232.9	228.1	19.7	681	228.6	235.6	234.4	204.1	245.8
Renk	RK815SSTX	SSX-RIB	LL,RR2	228.9	212.6	244.8	17.8	708	210.7	200.6	226.5	246.5	261.4
Titan Pro	TP 66-10 2P	VT2P-RIB	RR2	226.6	221.7	229.2	17.5	706	230.0	216.7	218.3	238.0	231.2
NuTech/G2 Genetics	5F-713	AM	LL,RR2	224.5	206.6	247.5	18.2	689	179.3	201.4	239.1	243.7	259.7
Epley	E1910	None	None	224.3	210.3	235.5	17.8	693	217.0	196.7	217.0	237.6	251.9
Experiment Mean				**243.3**			**18.6**	**740**	**228.8**	**225.8**	**235.8**	**264.1**	**261.8**
Minimum Mean				**224.3**			**17.5**	**681**	**179.3**	**196.7**	**217.0**	**204.1**	**231.2**
Maximum Mean				**256.6**			**20.4**	**791**	**251.5**	**249.8**	**255.7**	**301.6**	**287.5**
LSD(0.25)				**10.1**			**0.3**		**11.4**	**11.0**	**9.2**	**11.6**	**9.8**
Coefficient of Variability				**5.0**					**6.1**	**6.0**	**4.8**	**5.4**	**4.6**

Table 10. South district, 2017 district and single-location means. Early-season test, RM ≤ 112.

				District Means					Single Location Yield				
Company	Hybrid	Trait Pkg	Herb Tech	Yield Bu/A	SW Yield	SE Yield	Moist %	AGV $	Lewis	Corning	Milo	Batavia	Crawfordsville
Four Star	6D63 RIB	VT2P-RIB	RR2	230.1	221.9	235.7	18.1	708	215.4	227.0	223.3	223.2	260.7
Pioneer	P1197AM	AM-RIB	LL,RR2	229.4	226.0	232.5	17.4	715	230.2	218.4	229.3	223.3	244.9
Producers Hybrids	7148STX	SSX	LL,RR2	229.0	228.5	228.9	18.0	704	230.3	228.4	226.7	213.9	246.1
Mycogen	MY12G35RA	PC-RIB	RR2	229.0	225.9	233.3	18.6	696	228.7	214.4	234.6	233.6	231.7
Cornelius	C667DP	VT2P	RR2	228.7	223.7	237.6	18.0	705	220.7	212.6	237.7	216.4	258.7
Titan Pro	TP 71-12 DG2P	DGVT2P-RIB	RR2	228.5	224.5	233.6	17.9	705	215.7	224.3	233.5	221.7	245.6
NuTech/G2 Genetics	X5FN-0909	AM	LL,RR2	227.1	232.2	223.6	16.6	719	248.4	219.1	228.9	206.9	235.0
Titan Pro	TP 74-12 SS	SSX	LL,RR2	225.9	222.6	229.2	17.9	696	220.6	220.8	226.2	217.2	244.3
MorCorn	MC 4180	VT2P-RIB	RR2	225.4	225.5	226.6	17.3	704	238.1	208.7	229.7	205.7	244.5
Beck's	6274V2P	VT2P-RIB	RR2	224.5	218.7	230.5	18.2	689	204.8	229.1	222.3	221.4	247.8
Renk	RK871VT2P	VT2P-RIB	RR2	224.3	215.8	235.1	17.6	697	213.5	202.7	231.1	221.1	253.0
NuTech/G2 Genetics	5FB-1010	AM	LL,RR2	223.5	214.9	229.1	18.0	688	214.9	212.3	217.5	221.1	248.8
Roeschley	RX12-70SS	SSX	LL,RR2	223.4	220.0	231.3	17.8	690	218.0	210.6	231.4	215.3	247.2
DEKALB	DKC62-52RIB	SSX-RIB	LL,RR2	222.6	219.0	225.8	17.8	689	216.8	217.9	222.2	218.6	236.6
Producers Hybrids	7268STXRIB	SSX	LL,RR2	222.5	221.9	222.1	18.6	677	218.4	222.9	224.5	214.4	227.5
DEKALB	DKC62-20RIB	VT2P-RIB	RR2	221.7	223.5	222.4	17.2	694	232.2	210.9	227.3	209.5	230.5
DEKALB	DKC60-87RIB	SSX-RIB	LL,RR2	221.0	217.4	226.6	18.0	681	216.6	211.4	224.2	215.1	240.4
Cornelius	C576SS	SSX	RR2	219.3	221.3	219.0	17.3	685	228.4	214.2	221.4	212.8	222.7
DuraCrop	3127STX	SSX	LL,RR2	219.0	213.1	223.9	18.1	673	208.2	212.6	218.6	209.9	243.1
Mycogen	2G685	GT3K	GT, LL	218.8	215.9	221.9	17.7	677	220.8	205.4	221.4	202.7	241.4
DuraCrop	3110GT3	GT3K	GT, LL	218.6	209.8	229.2	18.6	664	195.5	205.9	228.1	212.3	247.2
Epley	E2200	None	None	218.5	220.4	221.2	18.0	673	227.1	203.6	230.5	202.7	230.6
Four Star	6D47 RIB	VT2P-RIB	RR2	218.4	218.3	220.0	16.9	687	224.6	210.6	219.7	211.7	228.7
Four Star	6D55 RIB	VT2P-RIB	RR2	218.1	219.9	218.5	17.4	680	229.9	203.8	226.2	196.7	232.5
MorCorn	MC 3966	VT2P-RIB	RR2	218.1	213.9	223.5	17.7	675	215.3	204.3	222.1	214.9	233.4
DuraCrop	3109GT2	VT2P-RIB	GT, LL	218.0	213.8	223.5	17.7	676	203.9	213.7	223.7	204.5	242.2
Great Lakes	6224STX	VT2P-RIB	LL,RR2	218.0	217.1	220.1	17.9	673	215.9	218.0	217.3	214.8	228.2
NuTech	X5NN-1212	GT3K	GT, LL	218.0	214.2	225.1	18.8	660	208.9	205.6	228.1	201.6	245.7
Four Star	6D60 RIB	VT2P-RIB	RR2	217.6	214.7	220.0	17.7	674	212.7	217.2	214.0	208.6	237.5
Renk	RK877DGVT2P	DGVT2P-RIB	RR2	217.3	220.8	215.0	17.3	678	223.7	215.4	223.3	195.2	226.6
Hoegemeyer	HPT 7946 AM	AM	LL,RR2	216.9	218.5	218.2	17.5	674	226.8	205.9	222.7	196.9	234.9
Great Lakes	5910VT2PRO	VT2P-RIB	RR2	216.3	218.0	216.2	17.1	679	240.4	194.0	219.4	200.6	228.8
Pioneer	P0937AM	AM-RIB	LL,RR2	214.8	216.5	214.2	17.4	670	221.4	209.9	218.1	175.4	248.9
Cornelius	C585DP	VT2P	RR2	214.4	211.5	217.3	17.1	672	200.1	219.9	214.6	206.9	230.5
Miller Hybrids	M66-23BRG	GT3K	GT, LL	213.6	206.8	220.3	17.8	660	203.4	203.9	213.1	206.1	241.6
DuraCrop	3126GT3	GT3K	GT, LL	213.6	208.0	221.3	18.7	647	203.7	201.7	218.7	199.4	245.9
Titan Pro	TP 66-10 2P	VT2P-RIB	RR2	213.1	209.7	215.1	17.1	669	208.7	210.7	209.8	202.6	232.8
NuTech/G2 Genetics	5F-510	AM	LL,RR2	213.0	213.7	214.9	17.5	663	225.8	192.8	222.6	196.0	226.1
NuTech	5N-410	GT3K	GT, LL	212.6	212.2	213.9	17.8	657	214.9	209.1	212.5	193.4	235.6
Titan Pro	TP 58-10 SS	SSX-RIB	LL,RR2	212.5	211.0	214.8	17.4	662	215.3	205.3	212.4	207.5	224.5
DEKALB	DKC59-50RIB	VT2P-RIB	RR2	211.8	216.6	209.1	17.1	664	217.2	214.8	217.8	194.6	214.7
Renk	RK810SSTX	SSX-RIB	LL,RR2	211.5	209.4	216.9	17.4	659	208.2	198.9	221.1	207.2	222.5
Miller Hybrids	M12-56	None	None	210.3	210.8	214.8	17.6	653	214.3	191.6	226.5	196.8	221.1
Mycogen	MY10Y47	SSX	RR2	210.0	214.1	207.6	18.2	644	209.5	218.9	213.8	204.1	205.0
Mycogen	MY12H25RA	PC-RIB	RR2	208.4	199.8	221.9	18.4	636	178.9	200.7	219.9	218.6	227.1
Roeschley	RX09-67VT2P	VT2P	RR2	207.8	205.0	210.7	17.0	652	201.7	203.4	209.9	197.2	224.9
MorCorn	MC XP1707	VT2P-RIB	RR2	206.6	205.2	205.4	16.8	651	214.6	204.3	196.8	197.1	222.3
Epley	E1910	None	None	202.0	204.7	197.9	17.5	628	219.8	195.1	199.3	185.9	208.4
MorCorn	MC 4178	VT2P-RIB	RR2	199.1	196.8	202.6	18.0	613	197.2	190.5	202.6	200.4	204.9
Renk	RK815SSTX	SSX-RIB	LL,RR2	197.7	195.4	200.9	17.3	618	203.7	179.4	203.2	187.8	211.8
MorCorn	MC XP1705	VT2P-RIB	RR2	196.8	200.3	196.6	16.2	629	206.3	189.1	205.4	183.8	200.6
Experiment Mean				**217.2**			**17.7**	**673**	**216.3**	**209.1**	**220.5**	**206.8**	**233.6**
Minimum Mean				**196.8**			**16.2**	**613**	**178.9**	**179.4**	**196.8**	**175.4**	**200.6**
Maximum Mean				**230.1**			**18.8**	**719**	**248.4**	**229.1**	**237.7**	**233.6**	**260.7**
LSD(0.25)				**6.9**			**0.3**		**9.7**	**11.9**	**10.3**	**8.2**	**7.0**
Coefficient of Variability				**4.8**					**5.5**	**6.9**	**5.7**	**4.8**	**3.6**

Table 11. South district, 2017 district and single-location means. Full-season test, RM > 112.

				District Means					Single Location Yield				
Company	Hybrid	Trait Pkg	Herb Tech	Yield Bu/A	SW Yield	SE Yield	Moist %	AGV $	Lewis	Corning	Milo	Batavia	Crawfordsville
Hoegemeyer	HPT 8572 AM	AM-RIB	LL,RR2	225.3	221.2	230.4	19.1	678	220.9	211.0	231.6	214.6	244.9
DEKALB	DKC66-74RIB	SSX-RIB	LL,RR2	224.9	224.5	229.2	18.4	687	220.4	210.2	243.0	208.8	235.9
NuTech/G2 Genetics	X5FN-1306	AM	LL,RR2	223.1	217.0	230.4	17.9	688	216.5	206.6	228.0	215.4	247.7
Renk	RK961VT2P	VT2P-RIB	RR2	222.5	219.8	230.4	17.6	690	229.3	192.0	238.0	210.1	243.2
DEKALB	DKC64-34RIB	SSX-RIB	LL,RR2	222.1	217.2	230.9	18.3	679	203.3	210.7	237.7	210.0	244.9
Renk	RK859DGVT2P	DGVT2P	RR2	221.4	217.2	231.1	17.6	688	213.9	200.4	237.3	211.9	244.1
Beck's	6368V2P	VT2P-RIB	RR2	220.8	219.3	229.5	17.7	684	221.3	197.8	238.8	212.3	237.3
Titan Pro	TP 56-14 2P	VT2P-RIB	RR2	220.4	215.0	228.9	18.4	673	216.4	198.6	230.1	214.2	242.5
Beck's	6589V2P	VT2P-RIB	RR2	220.4	220.4	225.1	18.9	665	215.3	211.9	233.9	198.4	243.0
MorCorn	MC 4319	VT2P-RIB	RR2	220.2	211.2	230.3	18.9	665	207.8	197.1	228.8	216.6	245.7
NuTech/G2 Genetics	X5FN-1512	AM	LL,RR2	220.2	216.2	230.1	18.9	665	212.3	203.5	232.7	210.1	247.4
Pioneer	P1555CHR	HX1	LL,RR2	219.7	221.9	224.0	18.5	669	229.2	204.5	232.1	207.5	232.4
Renk	RK842SSTX	SSX	LL,RR2	218.4	214.3	222.7	17.8	676	212.3	208.5	222.0	211.6	234.6
Renk	RK965SSTX	SSX-RIB	LL,RR2	217.9	210.9	227.3	18.9	658	195.1	211.4	226.3	201.9	253.6
MorCorn	MC XP1722	SSX	LL,RR2	216.8	212.7	225.4	18.5	660	211.4	198.2	228.6	215.1	232.6
Great Lakes	6401STXRIB	VT2P-RIB	LL,RR2	216.6	212.2	224.4	18.1	665	208.4	198.6	229.8	208.4	235.0
Hoegemeyer	HPT 8414 AM	AM-RIB	LL,RR2	216.4	213.4	223.2	17.9	668	213.1	197.3	229.9	206.7	232.8
Miller Hybrids	M14-28BRG	GT3K	GT, LL	215.7	210.5	223.4	19.5	643	217.8	189.7	224.0	211.9	234.4
Producers Hybrids	7428STXRIB	SSX	LL,RR2	215.5	211.4	224.5	18.1	662	209.6	193.2	231.4	208.6	233.7
MorCorn	MC 4307	SSX-RIB	LL,RR2	215.0	208.3	230.5	17.8	665	201.0	185.2	238.8	208.9	243.8
Renk	RK941SSTX	SSX-RIB	LL,RR2	214.8	212.7	222.4	18.6	653	212.2	198.2	227.5	211.4	228.2
Hoegemeyer	HPT 8469 AM	AM	LL,RR2	214.5	205.6	227.4	18.0	661	203.3	184.5	229.0	210.5	242.8
Renk	RK924DGVT2P	DGVT2P-RIB	RR2	214.5	203.4	231.2	18.3	656	200.1	181.2	228.8	218.8	246.0
Prairie Hybrids	8904	None	None	214.4	207.2	227.6	18.4	655	202.7	188.1	230.7	208.5	243.7
DEKALB	DKC63-21RIB	SSX-RIB	LL,RR2	214.3	209.4	225.2	17.5	666	218.6	179.1	230.5	205.0	240.1
Four Star	6D75 RIB	VT2P-RIB	RR2	214.2	211.6	221.9	19.1	645	206.7	204.4	223.7	204.1	237.9
MorCorn	MC XP1715	VT2P-RIB	RR2	213.1	209.3	221.2	17.7	660	217.0	193.9	217.0	205.0	241.6
Titan Pro	TP 30-13	None	None	212.5	205.0	227.8	18.3	650	189.8	196.1	229.0	213.4	241.0
Prairie Hybrids	7387	None	None	212.1	210.5	219.0	17.8	656	217.1	183.5	231.0	202.9	223.2
MorCorn	MC 4725	VT2P-RIB	RR2	211.9	206.3	219.2	19.4	633	209.3	188.0	221.5	204.4	231.7
Titan Pro	TP 68-14 SS	SSX	LL,RR2	211.7	210.0	220.5	18.2	648	214.0	185.4	230.7	194.3	236.3
MorCorn	MC XP1718	SSX	LL,RR2	211.6	202.2	220.6	18.3	647	199.7	193.6	213.1	200.6	248.1
Cornelius	C765SS	SSX	RR2	211.5	206.6	222.5	18.2	648	196.9	189.5	233.4	203.0	231.1
NuTech/G2 Genetics	5F-015	AM	LL,RR2	211.4	203.4	225.4	17.7	655	206.0	177.3	226.8	206.0	243.5
Great Lakes	6462STXRIB	VT2P-RIB	LL,RR2	211.2	210.0	221.7	18.2	647	201.8	192.1	235.9	200.3	229.0
Roeschley	RX14-75VT2P	VT2P	RR2	210.3	202.4	221.8	18.7	638	200.7	180.6	225.9	199.8	239.6
NuTech/G2 Genetics	5F-713	AM	LL,RR2	210.0	205.1	224.7	17.8	650	204.7	171.6	239.1	194.8	240.2
Mycogen	MY13C17	SSX	RR2	209.3	200.0	224.2	18.6	636	192.7	181.1	226.2	211.0	235.5
Pioneer	P1311AMXT	AMXT-RIB	LL,RR2	209.2	198.2	225.5	17.7	648	193.3	175.8	225.5	206.8	244.0
DuraCrop	3131VT3P	VT2P-RIB	RR2	207.7	210.4	222.1	17.4	647	214.1	169.4	247.8	192.9	225.5
MorCorn	MC XP1717	VT2P-RIB	RR2	202.8	195.7	215.8	17.4	632	183.3	181.8	222.0	202.6	222.9
Mycogen	2C799	SSX-RIB	RR2	202.1	199.4	214.1	18.3	618	181.3	188.3	228.5	196.7	217.0
Beck's	6365AM TM*	VT2P-RIB	LL,RR2	201.3	192.2	217.1	17.8	623	185.1	168.2	223.4	201.1	226.9
Producers Hybrids	7308STX	SSX	LL,RR2	200.8	197.5	212.1	18.1	617	197.6	175.6	219.2	202.9	214.2
DuraCrop	3148GT3	GT3K	GT, LL	199.8	198.5	211.0	18.9	603	181.2	189.8	224.4	192.7	215.8
Miller Hybrids	M15-14	GT3K	GT, LL	197.7	192.1	206.2	19.9	585	195.6	174.3	206.5	181.6	230.5
DuraCrop	3146GT3	GT3K	GT, LL	194.5	188.0	202.9	18.3	595	186.6	167.9	209.6	195.6	203.7
Experiment Mean				**213.5**			**18.3**	**653**	**206.1**	**191.2**	**228.7**	**205.7**	**235.9**
Minimum Mean				**194.5**			**17.4**	**585**	**181.2**	**167.9**	**206.5**	**181.6**	**203.7**
Maximum Mean				**225.3**			**19.9**	**690**	**229.3**	**211.9**	**247.8**	**218.8**	**253.6**
LSD(0.25)				**6.4**			**0.3**		**13.4**	**9.5**	**9.0**	**8.6**	**8.9**
Coefficient of Variability				**5.1**					**7.9**	**6.1**	**4.8**	**5.1**	**4.6**

Table 12. Entrant Information.

Beck's: Beck's Hybrids, Atlanta, IN — www.beckshybrids.com — (317) 984-3508

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
5113AMXT TM*	101	AMXT-RIB	LL,RR2	ESC	X					
EX 1736*	103	AMXT-RIB	LL,RR2	ESC	X					
5665AMX TM*	106	AMX-RIB	LL,RR2	ESC		X				
5883V2P	108	VT2P-RIB	RR2	ESC		X	X			
6274V2P	112	VT2P-RIB	RR2	ESC				X	X	
6365AM TM*	113	VT2P-RIB	LL,RR2	ESC						X
6368V2P	113	VT2P-RIB	RR2	ESC				X		X
6489SX	114	SSX-RIB	LL,RR2	ESC				X		
6589V2P	115	VT2P-RIB	RR2	ESC						X

Blue River: Blue River Organic Seeds, Ames, IA — www.blueriverorgseed.com — (800) 370-7979

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
48G35	102	None	None	C250	X					

Cornelius: Cornelius Seed, Bellevue, IA — www.corneliusseed.com — (800) 218-1862

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
C295	98	None	None	CEP	X					
C380	103	None	None	CEP	X					
C385DP	103	VT2P	RR2	A500PV	X					
C408DP	104	VT2P	RR2	CEP		X				
C457SS	106	SSX	RR2	A500PV		X	X			
C461SS	106	SSX	RR2	A500PV		X	X			
C564SS	108	SSX	RR2	A500PV			X			
C574SS	108	SSX	RR2	A500PV		X	X			
C576SS	109	SSX	RR2	A500PV				X	X	
C585DP	109	VT2P	RR2	CEP				X	X	
C667DP	112	VT2P	RR2	A500PV				X	X	
C765SS	114	SSX	RR2	A500PV				X		X

DEKALB: Monsanto, St. Louis, MO — www.asgrowanddekalb.com — (800) 768-6387

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
DKC50-08RIB	100	SSX-RIB	LL,RR2	A500PV	X					
DKC51-38RIB	101	SSX-RIB	LL,RR2	A500PV	X					
DKC52-68RIB	102	VT2P-RIB	RR2	A500PV	X					
DKC55-84RIB	105	SSX-RIB	LL,RR2	A500PV		X	X			
DKC57-97RIB	107	SSX-RIB	LL,RR2	A500PV		X	X			
DKC58-06RIB	108	SSX-RIB	LL,RR2	A500PV		X	X			
DKC59-50RIB	109	VT2P-RIB	RR2	A500PV		X	X		X	
DKC60-87RIB	110	SSX-RIB	LL,RR2	A500PV					X	
DKC62-20RIB	112	VT2P-RIB	RR2	A500PV				X	X	
DKC62-52RIB	112	SSX-RIB	LL,RR2	A500PV				X	X	
DKC63-21RIB	113	SSX-RIB	LL,RR2	A500PV				X		X
DKC64-34RIB	114	SSX-RIB	LL,RR2	A500PV				X		X
DKC66-74RIB	115	SSX-RIB	LL,RR2	A500PV						X

DuraCrop: DuraCrop Hybrids, Oskaloosa, IA — www.myduracrop.com — (800) 373-9401

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
3060STX	106	SSX	LL,RR2	A500PV			X			
3087VT2P	108	VT2P-RIB	RR2	ACL250			X			
3109GT2	110	VT2P-RIB	GT, LL	C250				X	X	
3110GT3	111	GT3K	GT, LL	CEP				X	X	
3126GT3	112	GT3K	GT, LL	A500PV				X	X	
3127STX	112	SSX	LL,RR2	A500PV				X	X	
3131VT3P	113	VT2P-RIB	RR2	CEP				X		X
3146GT3	114	GT3K	GT, LL	C250						X
3148GT3	114	GT3K	GT, LL	C250						X

Epley: Epley Bros. Hybrids, Inc, Shell Rock, IA — (319) 885-6293

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
E9500	95	None	None	MX-QT	X					
E1013VT2P	100	VT2P	RR2	MX-QT	X					
E1020	100	None	None	MX-QT	X					
E1410	104	None	None	MX-QT		X	X			
E1612SS	106	SSX	LL,RR2	P500V		X	X			
E1712SS	107	SSX	LL,RR2	P500V		X	X			
E1910	109	None	None	MX-QT		X		X	X	
E2200	112	None	None	MX-QT				X	X	

Four Star: Four Star Seed Co., Logan, IA — www.4starseed.com — (712) 644-1400

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
6D35 RIB	104	VT2P-RIB	RR2	ACL250		X	X			
6D41 RIB	108	VT2P-RIB	RR2	ACL250		X	X			
6D47 RIB	109	VT2P-RIB	RR2	ACL250		X	X		X	
6D55 RIB	110	VT2P-RIB	RR2	ACL250				X	X	
6D60 RIB	111	VT2P-RIB	RR2	ACL250				X	X	
6D63 RIB	112	VT2P-RIB	RR2	ACL250				X	X	
6D75 RIB	114	VT2P-RIB	RR2	ACL250				X		X

Great Lakes: Great Lakes Hybrids, Ovid, MI — www.greatlakeshybrids.com — (800) 257-7333

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
5283STXRIB	102	VT2P-RIB	LL,RR2	P500V	X					
4988VT2Pro	103	VT2P-RIB	RR2	P500V	X					
5626VT2PRO	106	VT2P-RIB	RR2	P500V		X	X			
5910VT2PRO	109	VT2P-RIB	RR2	P500V		X	X		X	
6224STX	112	VT2P-RIB	LL,RR2	P500V				X	X	
6401STXRIB	114	VT2P-RIB	LL,RR2	P500V				X		X
6462STXRIB	114	VT2P-RIB	LL,RR2	P500V						X

Hoegemeyer: Hoegemeyer Hybrids, Hooper, NE — www.therightseed.com — (800) 245-4631

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
HPT 7946 AM	109	AM	LL,RR2	P500V					X	
HPT 8414 AM	114	AM-RIB	LL,RR2	P1250V						X
HPT 8469 AM	114	AM	LL,RR2	P500V						X
HPT 8572 AM	115	AM-RIB	LL,RR2	P1250V						X

Miller: Miller Hybrids, Inc., Kalona, IA — www.millerhybrids.com — (319) 656-2532

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
M06-27BR	106	CBRW	LL	C250		X	X			
M06-39	106	None	None	C250		X				
M06-64L	106	None	LL	C250		X				
M08-06BGV	108	V3110	GT, LL	C250			X			
M07-65BRGV	109	V3111	GT, LL	C250			X			
M09-01BG	109	None	None	C250			X			
M10-61BGV EZ	110	V3220-RIB	GT	C250				X		
M66-23BRG	110	GT3K	GT, LL	C250					X	
M11-52	111	None	None	C250				X		
M12-56	112	None	None	C250					X	
M14-28BRG	114	GT3K	GT, LL	C250				X		X
M15-14	115	GT3K	GT, LL	C250						X

MorCorn: MFA Inc., Columbia, MO — www.morcorn.com — (573) 876-5490

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
MC XP1705	104	VT2P-RIB	RR2	ACL250					X	
MC XP1707	107	VT2P-RIB	RR2	ACL250					X	
MC 3966	109	VT2P-RIB	RR2	ACL250					X	
MC 4178	111	VT2P-RIB	RR2	ACL250					X	
MC 4180	111	VT2P-RIB	RR2	ACL250					X	
MC 4319	113	VT2P-RIB	RR2	ACL250						X
MC XP1715	113	VT2P-RIB	RR2	ACL250						X
MC 4307	114	SSX-RIB	LL,RR2	ACL250						X
MC XP1717	114	VT2P-RIB	RR2	ACL250						X
MC XP1718	114	SSX	LL,RR2	ACL250						X
MC XP1722	115	SSX	LL,RR2	ACL250						X
MC 4725	117	VT2P-RIB	RR2	ACL250						X

Mycogen: Mycogen Seeds, Indianapolis, IN — www.mycogen.com — (800) MYCOGEN

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
MY00J47	100	SSX	RR2	C250	X					
MY01D81	101	None	RR2	C250	X					
MY04Y97	104	SSX	RR2	C250		X				
M276294	106	SSX	RR2	C250		X				
MY06R31	106	None	RR2	C250		X	X			
2A627	108	SSX-RIB	RR2	C250		X	X			
MY08T21	108	SSX	RR2	C250			X			
2G685	109	GT3K	GT, LL	C250		X	X		X	
M26746	109	SSX	RR2	C250			X			
MY10Y47	110	SSX	RR2	C250				X	X	
MY12G35RA	112	PC-RIB	RR2	C250				X	X	
MY12H25RA	112	PC-RIB	RR2	C250				X	X	
2C799	113	SSX-RIB	RR2	C250				X		X
MY13C17	114	SSX	RR2	C250				X		X

NorthStar Genetics: Albert Lea Seed House, Albert Lea, MN — www.alseed.com — (800) 352-5247

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
NS 100-531	100	SSX-RIB	LL,RR2	P500V	X					
NS 103-169	103	SSX-RIB	LL,RR2	P500V	X					
NS 104-167	105	SSX-RIB	LL,RR2	P500V		X				
NS 106-526	106	SSX-RIB	LL,RR2	P500V		X				

NuTech: NuTech Seed, LLC, Ames, IA — www.yieldleader.com — (800) 942-6748

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
5N-800	100	GT3K	GT, LL	P500V	X					
5VN-4707	107	V3111	GT, LL	P500V		X	X			
5N-410	110	GT3K	GT, LL	P500V				X	X	
X5NN-1212	112	GT3K	GT, LL	P500V				X	X	

NuTech / G2 Genetics: NuTech Seed, LLC, Ames, IA — www.nutechseed.com — (515) 233-1997

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
5FN-7099	99	AM	LL,RR2	P500V	X					
5F-601	101	AM	LL,RR2	P500V	X					
5F-702	102	AM	LL,RR2	P500V	X					
5F-503	103	AM	LL,RR2	P500V	X					
X5LN-0308	103	AMXT	LL,RR2	P500V	X					
5F-504	104	AM	LL,RR2	P500V		X	X			
5H-806	106	HX1	LL,RR2	P500V		X	X			
5LB-1606	106	AMXT	LL,RR2	P500V		X	X			
5D-906	108	AMX	LL,RR2	P500V		X				
5F-308	108	AM	LL,RR2	P500V		X	X			
5F-709	109	AM	LL,RR2	P500V		X	X			
X5FN-0909	109	AM	LL,RR2	P500V					X	
5F-510	110	AM	LL,RR2	P500V				X	X	
5FB-1010	110	AM	LL,RR2	P500V				X	X	
5F-713	113	AM	LL,RR2	P500V				X		X
X5FN-1306	113	AM	LL,RR2	P500V				X		X
5F-015	115	AM	LL,RR2	P500V						X
X5FN-1512	115	AM	LL,RR2	P500V						X

Pioneer: DuPont Pioneer, Johnston, IA — www.pioneer.com — (800) 772-2721

Hybrid	RM	GMO Technology: Trait Pkg	GMO Technology: Herb Tech	IST	North Early	North Full	Central Early	Central Full	South Early	South Full
P0157AM	101	AM-RIB	LL,RR2	PPST	X					
P0339AM	103	AM-RIB	LL,RR2	PPST	X					
P0589AM	105	AM-RIB	LL,RR2	PPST		X	X			
P0825AM	108	AM-RIB	LL,RR2	PPST		X	X			
P0937AM	109	AM-RIB	LL,RR2	PPST				X	X	
P1197AM	111	AM-RIB	LL,RR2	PPST				X	X	
P1311AMXT	113	AMXT-RIB	LL,RR2	PPST						X
P1555CHR	115	HX1	LL,RR2	PPST						X

Prairie Hybrids: Prairie Hybrids, Deer Grove, IL **www.prairiehybrids.com** **(815) 438-7815**

		GMO Technology			North	North	Central	Central	South	South
Hybrid	RM	Trait Pkg	Herb Tech	IST	Early	Full	Early	Full	Early	Full
1663	101	None	None	MX-D	X					
2607	103	None	None	MX-D	X					
3415	104	None	None	MX-D	X					
4711	106	None	None	MX-D		X	X			
5787	108	None	None	MX-D		X	X			
5447	109	None	None	MX-D		X	X			
6903	110	None	None	MX-D		X	X			
6407	111	None	None	MX-D				X		
6878	111	None	None	MX-D				X		
7355	112	None	None	MX-D				X		
7387	113	None	None	MX-D						X
8904	114	None	None	MX-D				X		X

Producers Hybrids: Producers Hybrids, Battle Creek, NE **www.producershybrids.com** **(888) 675-3190**

		GMO Technology			North	North	Central	Central	South	South
Hybrid	RM	Trait Pkg	Herb Tech	IST	Early	Full	Early	Full	Early	Full
5978STX	99	SSX	LL,RR2	A500PV	X					
6093VT2Pro	100	VT2P	RR2	A500PV	X					
6508STXRIB	105	SSX	LL,RR2	A500PV		X	X			
6968STXRIB	109	SSX	LL,RR2	A500PV		X	X			
7148STX	111	SSX	LL,RR2	A500PV				X	X	
7268STXRIB	112	SSX	LL,RR2	A500PV				X	X	
7308STX	113	SSX	LL,RR2	A500PV						X
7428STXRIB	114	SSX	LL,RR2	A500PV						X

Table 12. Entrant Information. *Continued*

Renk: Renk Seed Co., Sun Prairie, WI **www.renkseed.com** **(800) BUY RENK**

Hybrid	RM	GMO Technology		IST	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
RK596SSTX	97	VT2P	RR2	ACL250	X					
RK595SSTX	99	SSX-RIB	LL,RR2	A500PV	X					
RK608DGVT2P	100	DGVT2P-RIB	RR2	ACL250	X					
RK642SSTX	103	SSX	LL,RR2	A500PV	X					
RK675DGVT2P	103	DGVT2P-RIB	RR2	ACL250	X					
RK680SSTX	103	SSX-RIB	LL,RR2	A500PV	X					
RK717SSTX	105	SSX-RIB	LL,RR2	A500PV		X	X			
RK776SSTX	107	SSX-RIB	LL,RR2	A500PV		X	X			
RK763VT2P	108	VT2P	RR2	ACL250		X	X			
RK792SSTX	108	SSX-RIB	LL,RR2	A500PV		X	X			
RK794DGVT2P	108	DGVT2P-RIB	RR2	ACL250		X	X			
RK810SSTX	110	SSX-RIB	LL,RR2	A500PV				X	X	
RK815SSTX	111	SSX-RIB	LL,RR2	A500PV				X	X	
RK871VT2P	111	VT2P-RIB	RR2	ACL250				X	X	
RK877DGVT2P	111	DGVT2P-RIB	RR2	ACL250				X	X	
RK842SSTX	112	SSX	LL,RR2	A500PV				X		X
RK859DGVT2P	112	DGVT2P	RR2	ACL250				X		X
RK924DGVT2P	114	DGVT2P-RIB	RR2	ACL250				X		X
RK941SSTX	114	SSX-RIB	LL,RR2	A500PV				X		X
RK961VT2P	116	VT2P-RIB	RR2	ACL250						X
RK965SSTX	116	SSX-RIB	LL,RR2	A500PV						X

Roeschley: Miller Hybrids, Inc., Kalona, IA **www.millerhybrids.com** **(319) 656-2532**

Hybrid	RM	GMO Technology		IST	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
RX060-60SS	106	SSX	LL,RR2	ACL250			X			
RX215	107	None	None	ACL250		X				
RX215VT2P	107	VT2P	RR2	ACL250			X			
RX09-67VT2P	109	VT2P	RR2	ACL250					X	
RX436SS	110	SSX	LL,RR2	ACL250				X		
RX12-70SS	112	SSX	LL,RR2	ACL250					X	
RX14-75VT2P	114	VT2P	RR2	ACL250				X		X

Titan Pro: Titan Pro SCI, Inc., Clear Lake, IA **www.titanprosci.com** **(641) 357-7283**

Hybrid	RM	GMO Technology		IST	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
TP 65-00 2P	100	VT2P-RIB	RR2	ACL250	X					
TP 58-01 2P	101	VT2P-RIB	RR2	ACL250	X					
TP 61-01 3122A	101	V3122-RIB	GT, LL	C250	X					
TP 75-01 SS	101	SSX	LL,RR2	A500PV	X					
TP 40-03	103	None	None	C250	X					
TP 53-03 2P	103	VT2P-RIB	RR2	ACL250	X					
TP 77-06 SS	106	SSX	LL,RR2	A500PV		X	X			
TP 59-08 SS	108	SSX-RIB	LL,RR2	A500PV		X	X			
TP 40-09	109	None	None	C250		X	X			
TP 58-10 SS	110	SSX-RIB	LL,RR2	A500PV					X	
TP 66-10 2P	110	VT2P-RIB	RR2	ACL250				X	X	
TP 71-12 DG2P	112	DGVT2P-RIB	RR2	ACL250				X	X	
TP 74-12 SS	112	SSX	LL,RR2	A500PV				X	X	
TP 30-13	113	None	None	ACL500				X		X
TP 56-14 2P	114	VT2P-RIB	RR2	ACL250						X
TP 68-14 SS	114	SSX	LL,RR2	A500PV				X		X

Viking: Albert Lea Seed House, Albert Lea, MN **www.alseed.com** **(800) 352-5247**

Hybrid	RM	GMO Technology		IST	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
44-98	98	None	None	C250	X					
53-01 Art	101	ARTSN	None	C250	X					
57-01	101	None	None	C250	X					
40-03	103	None	None	C250	X					
42-05	105	None	None	C250		X				
63-05	105	None	None	C250		X				
13-07	107	None	None	C250		X	X			
49-09	109	None	None	C250		X	X			
53-12	112	None	None	C250				X		

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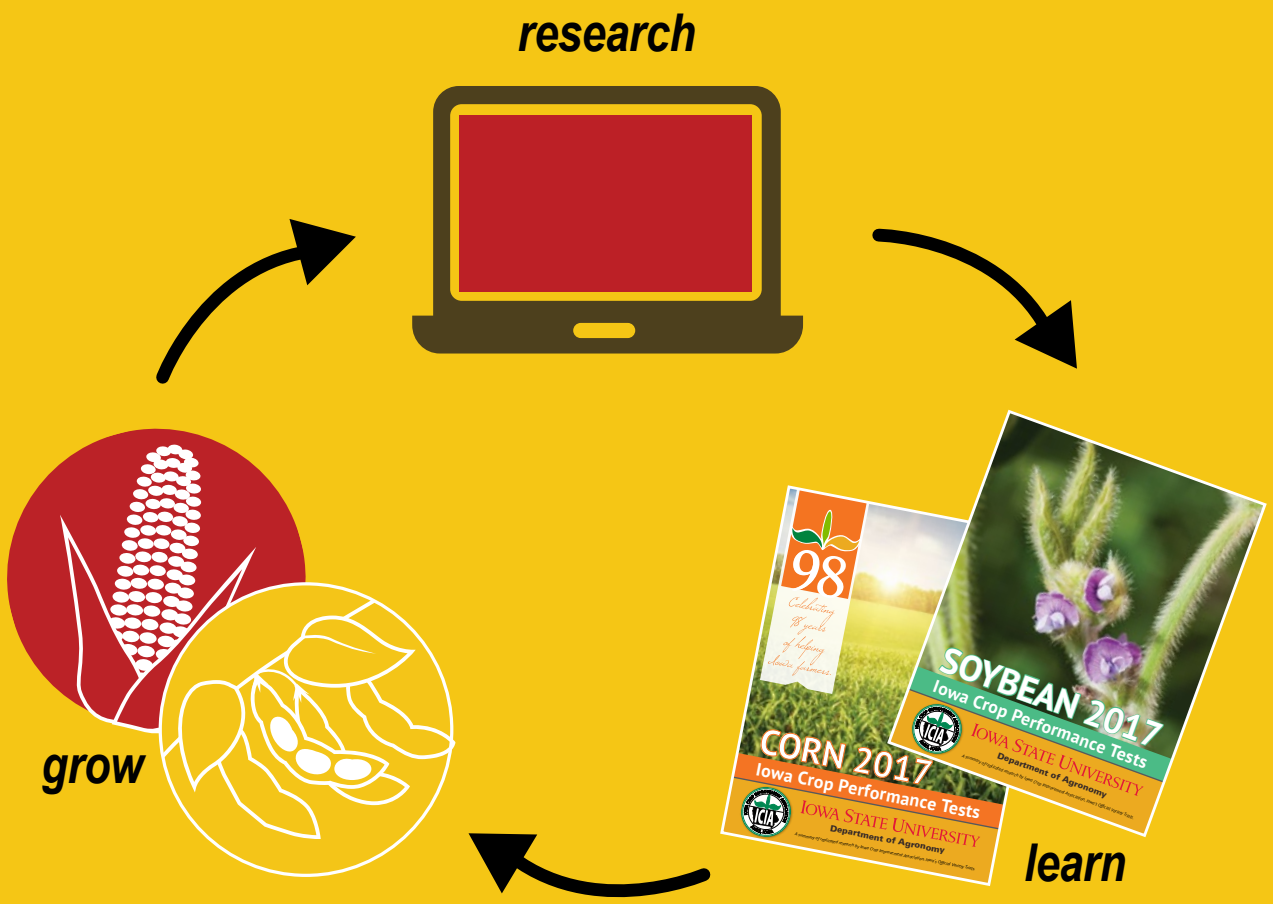

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A summary of replicated research by Iowa Crop Improvement Association, Iowa's Official Variety Trials.