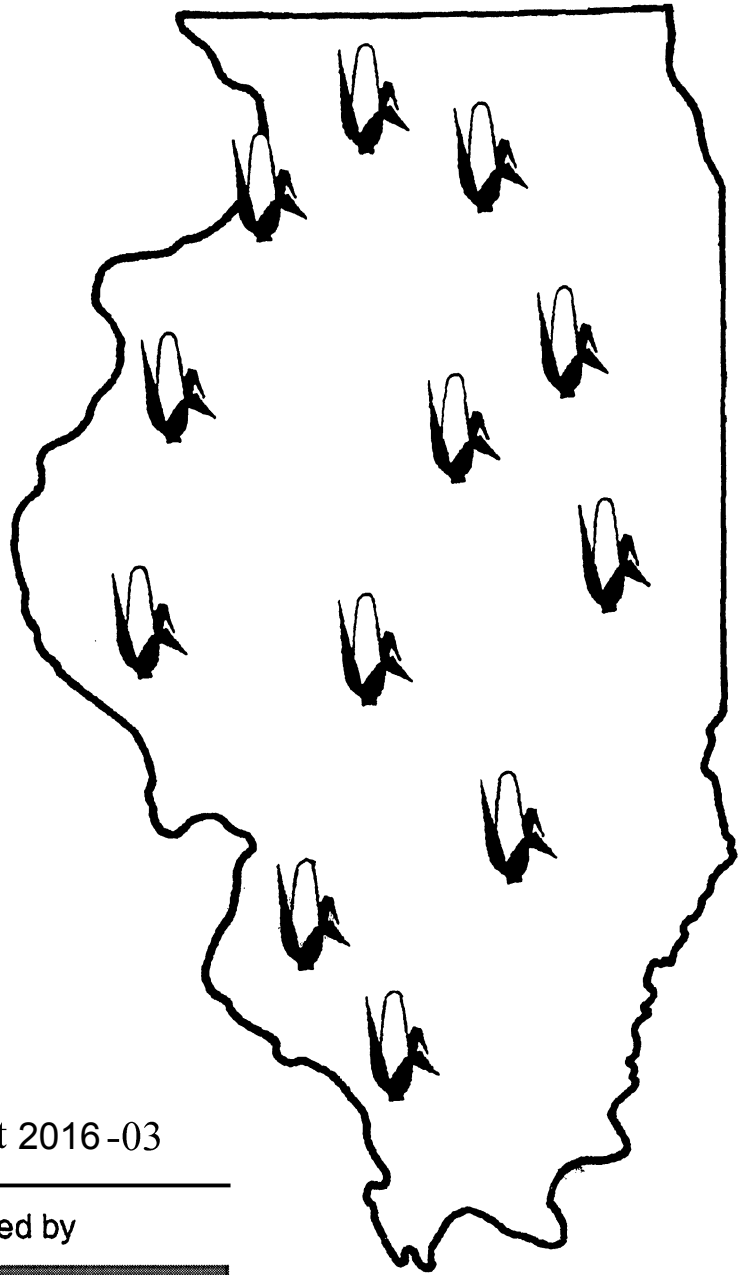

Corn Hybrid Test Results in Illinois- 2016



Crop Sciences Special Report 2016-03

Performance Information Provided by

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN	
Department of Crop Sciences	
http://vt.cropsci.illinois.edu	
	College of Agricultural, Consumer and Environmental Sciences

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Please visit our website for additional copies of the results

<http://vt.cropsci.illinois.edu>

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PERFORMANCE OF COMMERCIAL CORN HYBRIDS IN ILLINOIS, 2016

TEST PROGRAM

Selection of entries. Each year, producers of corn hybrids in Illinois and surrounding states are invited to enter hybrids in the Illinois performance trials. Financing is provided thru entry fees. Entrants are required to enter their corn hybrids regionally at a fee of \$270 for each corn hybrid entered in a region or \$90 per hybrid for the corn following corn tests. Most of these hybrids are commercially available, although a few experimental hybrids are also entered.

Number and location of tests. In 2016, hybrid corn entrants were required to enter hybrid(s) in at least one of 4 regions each consisting of 3 locations with a total of 12 locations in the state (see map). These sites represent the major soil and climatic areas of the state.

Hybrids. There were 188 corn hybrids from 22 companies tested in 2016.

Field-plot design. Three replications of an alpha lattice design or randomized complete block were used to give each corn hybrid an equal chance to show its merits.

Planting methods. All trials were planted by a modern four row planter modified for small plot work. A soil insecticide (Force) was applied in furrow at planting for all corn trials. Corn plots were planted to stand and later counted to confirm population. Each plot was four rows wide and 23 feet long. The center two rows of each plot were harvested to determine yields.

Fertilization. All test fields were at a high level of fertility. Additional fertilizer was plowed down or side dressed as needed to ensure top yields.

Method of harvest. All corn plots were harvested with a custom-built, self-propelled, corn plot combine. Grain collected from each plot was weighed, and tested for moisture content. An electronic moisture monitor was used in the combine for all moisture readings. No allowance was made for grain that might have been lost in harvest.

PERFORMANCE DATA

Grain yield. Grain weight and moisture was converted to bushels per acre of No. 2 shelled corn (15.5 percent moisture).

Moisture content. Occasionally, hybrids too late in maturity for a given area are entered in these tests. These hybrids are often high in yield, but their moisture content may make them poor choices for farm use unless proper drying or storage facilities are available.

Erect plants. The number of erect plants in each plot of a hybrid was determined at harvest time. Any plant leaning at an angle of more than 45 degrees or broken below the ear was considered lodged. Plants broken above the ear were considered erect.

Population. Corn plots were planted to population and later counted to confirm population. Stand differences may be caused by failure to germinate or by damage from diseases, insects, cultivation, or rodents.

population and later counted to confirm population. Stand differences may be caused by failure to germinate or by damage from diseases, insects, cultivation, or rodents.

SUGGESTIONS FOR COMPARING HYBRIDS

It is impossible to measure performance exactly in any test of plant material. Harvesting efficiency may vary, soils may not be uniform, and many other conditions may produce variability. Results of repeated tests, like those reported here, are more reliable than those of a single-year or a single-strip test. When one hybrid consistently out yields another at several test locations and over several years of testing, the chances are good that this difference is real and should be a consideration in choosing a hybrid. When comparing yields, however, grain moisture content, percentage of erect plants, and plant population must also be considered.

A number of statistical tests are available for comparing hybrids within a single trial. One of these tests, the least significant difference (L.S.D.), when used in the manner suggested by Carmer and Swanson¹ is quite simple to apply and is more appropriate than most other tests. When two hybrids are compared and the difference between them is greater than the tabulated L.S.D. value, the hybrids are judged "significantly different."

The L.S.D. is a number expressed in bushels per acre and presented following the average yield for each location. An L.S.D. level of 25% is shown. Find the highest yielding hybrid within the regional table or single location table of interest, subtract the 25% L.S.D. value from the highest yielding hybrid, every hybrid with a greater yield than the resulting number is 'statistically the same' as the highest yielding hybrid. Consider the merits of the hybrids in this group when making hybrid selections.

In a study of the frequencies of occurrence of three types of statistical errors and their relative seriousness, Carmer² found strong arguments for an optimal significance level in the range $\alpha = 0.20$ to 0.40 , where α is the Type I statistical error rate for comparisons between means that are really equal. Herein, a value of $\alpha = 0.25$ is used in computing the L.S.D. 25- percent level shown in the tables.

To make the best use of the information presented in this circular and to avoid any misunderstanding or misrepresentation of it, the reader should consider an additional caution about comparing hybrids. Readers who compare hybrids in different trials should be extremely careful, because no statistical tests are presented for that purpose. Readers should note that the difference between a single hybrid's performance at one location and its performance at another is caused primarily by environmental effects and random variability. Furthermore, the difference between the performance of hybrid A in one trial and that of hybrid B in another is the result not only of environmental effects and random variability, but of genetic effects as well.

¹Carmer, S.G. and M.R. Swanson. "An Evaluation of Ten Pairwise Multiple Comparison Procedures by Monte Carlo Methods." Journal of American Statistical Association 68:66-74, 1973.

²Carmer, S.G. "Optimal Significance Levels for Application of the Least Significant Difference in Crop Performance Trials." Crop Science 16:95-99, 1976.

2016 TEST FIELDS

Mt. Morris

Location: Nelson farm, Ogle county, north of Mt. Morris, north central Illinois.
Cooperator: Rick Nelson.
Soil type: Muscatine silt loam.
Planting date: April 26th.
Harvest date: October 13th.
Nitrogen: 182 lbs. as UAN (spring).
Herbicides: PRE- Bicep II Magnum; POST- Impact.
Tillage: Spring- field cultivation.

DeKalb

Location: Drendel farm, DeKalb County, southwest of DeKalb.
Cooperators: Steve Drendel.
Soil type: Flanagan silty clay loam.
Planting date: April 23rd.
Harvest date: October 13th.
Nitrogen (Conv.): 200 lbs., 140 lbs. as NH3 (fall), 60 lbs., as Urea (spring at V6).
Nitrogen (CFC): 200 lbs. as UAN spring.
Herbicides: (Conv) PRE- Acuron, POST- Impact.
Tillage: Spring- field cultivator.

Fenton

Location: Mickley farm, Whiteside county, west of Rock Falls, northwestern Illinois.
Soil Type: Coffeen silt loam.
Cooperator: Ron and Dave Mickley.
Planting Date: April 23rd.
Harvest Date: October 4th.
Nitrogen: 180 lbs., 160 lbs. as NH3 (spring), 20lbs. as UAN (spring).
Herbicides: PPI- Degree Xtra ; POST- Impact.
Tillage: Spring- field cultivate.

Monmouth

Location: University of Illinois, Northwestern Illinois Agricultural Research and Demonstration Center, Warren County, northwest of Monmouth.
Cooperators: Brian Mansfield; research director, Martin Johnson; farm foreman.
Soil type: Sable silty clay loam.
Planting date: April 14th.
Harvest date: September 22nd.
Nitrogen (Conv): 170 lbs. as 28% (spring).
Nitrogen (CFC): 210 lbs. as 28% (spring).
Herbicides: PRE- Harness Extra.
Post- Calisto, Resource, Atrazine.
Tillage: Fall- disk ripper; Spring- field cultivate.

New Berlin

Location: Bennett Farm, Sangamon county, north of New Berlin, central Illinois.
Cooperators: Leahy Bennett.
Soil type: Sable silt loam.
Planting date: April 15th.
Harvest date: September 20th.
Nitrogen: 210 lbs., 185 lbs. as NH3 (spring), 30 lbs. as 32% (spring).
Herbicides: PPI- Parallel Plus; POST- Impact.
Fungicide: Headline AMP (7/07).
Tillage: Fall- V rip; Spring- vertical finisher.

Perry

Location: University of Illinois, Orr Agricultural Research and Demonstration Center, Pike county, west of Perry, west-central Illinois.
Cooperator: Mike Vose; farm foreman.
Soil type: Herrick silt loam.
Planting date: April 15th.
Harvest date: September 21st.
Nitrogen: 207 lbs., 185 lbs. as NH3 (spring), 30 lbs. as DAP (fall).
Herbicides: PPI- Lexar.
Tillage: Fall- Chisel, Spring- field cultivate

Dwight

Location: Hoffman farm, Grundy county, north of Dwight, northeastern Illinois.
Cooperator: Allen Hoffman.
Soil type: Reddick silty clay loam.
Planting date: April 19th.
Harvest date: September 27th.
Nitrogen: 200 lbs. as anhydrous (fall).
Herbicides: PPI- Surestart, Atrazine;
POST- Impact.
Tillage: Strip Till (fall).

Goodfield

Location: Wurmnest farm, Woodford county, north of Goodfield, central Illinois.
Cooperator: Mike Wurmnest.
Soil Type: Ipava silt loam.
Planting date: April 19th.
Harvest date: September 28th.
Nitrogen: 218 lbs., 172 lbs as UAN (spring), 46 lbs. as DAP (fall).
Herbicide: Pre- Lumax; POST- Impact.
Tillage: Fall- chisel, Spring- field cultivator.

Urbana

Location: University of Illinois, Crop Sciences Research and Education Center, Champaign county, Urbana, east-central Illinois.
Cooperators: Jeff Warren; farm foreman.
Soil type: Flanagan silt loam.
Planting date: April 20th.
Harvest date: (Conv)- September 28th; (CFC) October 6th.
Nitrogen: (Conv)- 210 lbs. as 28% PPI, (CFC)- 210 lbs. as 28% side dress.
Herbicides: (Conv) PPI- Harness Xtra; POST- Impact. (CFC) POST- Impact.
Tillage: Spring- soil finisher, Fall- chisel plow.

St. Peter

Location: Magnus Farm, Fayette county, west of St. Peter, south-central Illinois.
Cooperators: Torrey Magnus.
Soil type: Bluford silt loam.
Planting date: May 23st.
Harvest date: October 19th.
Nitrogen: 180 lbs. as anhydrous (spring).
Herbicides: PPI- Lexar.
Tillage: Spring- Disk, Field cultivate.

Belleville

Location: Southern Illinois University Research Center, east of Belleville, St. Clair county.
Cooperators: Ron Krausz; field manager.
Soil type: Ebbert silt loam.
Planting date: April 18th.
Harvest date: September 15th.
Nitrogen: 195 lbs., 165 lbs. as NH3 (spring), 30 lbs. as DAP (fall).
Herbicides: PPI- Lexar EZ; POST- Impact.
Tillage: Fall-rip, Spring- field cultivator.

Elkville

Location: Funk farm, Jackson county, Elkville, north of Carbondale, southern Illinois.
Cooperators: John and Trent Funk.
Soil Type: Okaw silt loam.
Planting date: April 15th.
Harvest date: September 23rd.
Nitrogen: 185 lbs. as Anhydrous (spring).
Herbicides: PPI- Lumax; POST- Impact.
Tillage : Fall- Chisel, Spring- field cultivator.

GROWING SEASON RAINFALL

Location	May	June	July	Aug	Sept	Total
Mt. Morris	5.32	3.11	5.81	6.02	2.83	23.0
DeKalb	7.58	4.34	6.23	6.45	1.98	26.6
Fenton	3.42	5.01	6.85	8.19	2.94	26.4
Monmouth	3.70	3.51	6.68	5.41	1.92	21.2
New Berlin	3.17	0.71	5.09	5.43	1.97	16.4
Perry	4.50	1.52	9.32	4.78	2.13	22.2
Dwight	3.63	5.32	7.58	8.47	4.06	29.1
Goodfield	4.42	3.28	6.12	7.63	4.22	25.7
Urbana	4.18	6.29	5.09	4.08	6.08	25.7
St. Peter	3.75	3.16	8.06	8.75	5.67	29.4
Belleville	4.19	1.80	4.40	5.37	7.52	23.8
Elkville	6.83	1.69	7.83	6.36	5.75	28.6

2016 CORN LOCATIONS



SOURCES OF SEED

AgVenture , Wehmeyer Seed,	www.agventure.com
Beck , Beck's Hybrids,	www.beckshybrids.com
Burrus , Burrus Seed,	www.burrusseed.com
Catalyst , Burrus Seed,	www.burrusseed.com
Channel , Channel,	www.channel.com
Cornelius , Cornelius, Seed,	www.corneliusseed.com
Dairyland , Dairyland Seed,	www.dairylandseed.com
DeKalb , Dekalb,	www.asgrowanddekalb.com
Dyna-Gro , Dyna-Gro Seed,	www.dynagroseed.com
Hughes hybrids , Hughes Hybrids,	www.hugheshybrids.com
InVISION , FS InVISION	www.fsinvision.com
Lewis , Lewis Hybrids,	www.seedcorn.com
Miller , Miller Hybrids,	www.millerhybrids.com
Munson , Munson Hybrids,	www.munsonhybrids.com
Mycogen , Mycogen Seeds,	www.mycogen.com
NuTech/G2 Genetics , NuTech Seed, LLC	www.nutechseed.com
OMG , Original Maize Genetics,	www.omgcorn.com
Phoenix , Beck's Hybrids,	www.beckshybrids.com
Power Plus , Burrus Seeds,	www.burrusseed.com
Prairie , Prairie Hybrids,	www.prairiehybrids.com
Renk , Renk Seed Co.	www.renkseed.com
Roeschley , Roeschley Hybrids,	www.roeschleyhybrids.com
Steyer Seeds , Steyer Seeds,	www.steyerseeds.com
Stone , Stone Seed Group,	www.stoneseed.com
Sun Prairie Seeds , Sun Prairie Seeds,	www.sunprairiehybrids.com
Whisnand , Whisnand Hybrids,	(217-268-3714)
YIELDirect , YIELDirect,	www.yieldirect.com

KEY TO REGIONS

- 1 (North) = Mt. Morris, DeKalb, Fenton
- 2 (W. Central) = Monmouth, Perry, New Berlin
- 3 (E. Central) = Dwight, Goodfield, Urbana
- 4 (South) = St. Peter, Belleville, Elkville
- 5 DeKalb Corn Following Corn
- 6 Monmouth Corn Following Corn
- 7 Urbana Corn Following Corn

** RM = Relative Maturity in Days

2016 Corn Entries

Company	Name	*Regions Entered							RM
		1	2	3	4	5	6	7	
AgVenture	VPM AV8714AM				4			114	
AgVenture	VPM RL7687AM				4			109	
AgVenture	VPM RL7844AM				4			110	
AgVenture	VPM RL8430AM				4			113	
AgVenture	VPM RL8537AM				4			113	
AgVenture	VPM RL8815AM				4			115	
AgVenture	VPM RL8899AM				4			115	
Beck	5828AM™*Brand				4			110	
Beck	5828AMX™*Brand	1	2	3				110	
Beck	5883SX	1	2	3				108	
Beck	6076SX	1	2	3				110	
Beck	6076V2P				4			110	
Beck	6127A3				4			111	
Beck	6158AM™*Brand				4			111	
Beck	6165AMX™*Brand	1	2	3				111	
Beck	6225HR™*Brand				4			112	
Beck	6365AM™*Brand				4			113	
Beck	6365AMX™*Brand	1	2	3				113	
Beck	6589V2P				4			115	
Burrus	6T54 3000GT	2	3	4		6	7	112	
Catalyst	5009 3220				4			110	
Catalyst	6216 3111A	2	3	4		6	7	112	
Catalyst	7577 3010				4			114	
Channel	205-19STXRIB	1						105	
Channel	207-27STXRIB	1	2	3		5	6	7	107
Channel	209-53STXRIB	1	2	3		5	6	7	109
Channel	211-33VT2PRIB				4			111	
Channel	211-35STXRIB	1	2	3		5		111	
Channel	213-26VT2PRIB				4			113	
Channel	214-00DGV2PRIB				4			114	
Channel	214-45STXRIB	1	2	3				114	
Channel	215-05STXRIB				3			115	
Channel	216-36STXRIB	2	3	4		6	7	116	
Channel	217-41DGV2PRIB				4			117	
Cornelius	C574DP	1						108	
Cornelius	C594VT3P	1						110	
Cornelius	C621SS	1			5			110	
Cornelius	C634SS	1			5			111	
Cornelius	C712DP	1						112	
Cornelius	C765SS	1			5			114	
Dairyland	DS-9110RA	2	3					110	
Dairyland	DS-9412RA	2	3	4				112	
Dairyland	DS-9508RA	1						108	
Dairyland	DS-9911	1	2	3				110	
Dekalb	DKC58-06RIB	1	2	3		5	6	7	108
Dekalb	DKC60-69RIB				4			110	
Dekalb	DKC61-54RIB	1	2	3		5	6	7	111
Dekalb	DKC61-55RIB				4			111	
Dekalb	DKC62-77RIB	1	2	3		5	6	7	112
Dekalb	DKC62-78RIB				4			112	
Dekalb	DKC63-60RIB	1	2	3		5	6	7	113
Dekalb	DKC63-71RIB				2	3		113	
Dekalb	DKC64-87RIB	1	2	3		5	6	7	114
Dekalb	DKC64-89RIB				4			114	
Dekalb	DKC67-72RIB				4			117	
Dyna-Gro	D46SS62	1						108	
Dyna-Gro	D51SS54	1		3				111	
Dyna-Gro	D51VP32				2			111	
Dyna-Gro	D52SS56				2			112	
Dyna-Gro	D52SS91				2	3		112	
Dyna-Gro	D52VC91				4			112	
Dyna-Gro	D54VC52				4			114	
Dyna-Gro	D56VC46				4			116	

* see page 4 for key to RM and regions entered

2016 Corn Entries

Company	Name	*Regions Entered							RM		
		1	2	3	4	5	6	7			
InVison	FS 57TX1 RIB				1				107		
InVison	FS 58QX1 RIB				1	2	3		108		
InVison	FS 60LX1 RIB				1	2	3		110		
InVison	FS 60QV1 RIB						4		110		
InVison	FS 61SV1 RIB						4		111		
InVison	FS 61SX1 RIB				1	2	3		111		
InVison	FS 62TV1DG RIB						4		112		
InVison	FS 62VX1 RIB				1	2	3		112		
InVison	FS 63ZV1 RIB						4		113		
InVison	FS 63ZX1 RIB				1	2	3		113		
InVison	FS 64SX1 RIB				1	2	3	4	114		
InVison	FS 66ZV1 RIB						4		116		
Lewis	10SS747				2				110		
Lewis	16SS887				2				116		
Lewis	R1407SS				2				107		
Lewis	R1513SS				2				113		
Miller	M09-14BRGV				1				109		
Munson	6699SS				1				106		
Munson	6892SS				1	2			108		
Munson	6978VT2P				1	2			109		
Munson	7084SS				1	2	3		110		
Munson	7106SS				1	2	3		111		
Munson	7252SS				1	2	3		112		
Munson	7312SS				1	2	3		113		
Munson	7341				2				113		
Munson	7383VT2P				1	2			113		
Munson	7523VT2P				2				115		
Munson	7546GTCBLL				2				115		
Munson	7589SS				2	3			115		
NuTech/G2 Genetics	5D-709				1	2	3		109		
NuTech/G2 Genetics	5D-906				1				106		
NuTech/G2 Genetics	5F-015						4		115		
NuTech/G2 Genetics	5F-515				2	3	4		115		
NuTech/G2 Genetics	5F-709						4		109		
NuTech/G2 Genetics	5F-710				1	2	3	4	110		
NuTech/G2 Genetics	5F-713						4		113		
NuTech/G2 Genetics	5H-806				1				106		
NuTech/G2 Genetics	5L-015				2	3			115		
NuTech/G2 Genetics	5L-308				1	2	3		108		
NuTech/G2 Genetics	5L-510				1	2	3		110		
NuTech/G2 Genetics	5L-713				1	2	3		113		
NuTech/G2 Genetics	5X-812				1	2	3		112		
NuTech/G2 Genetics	X5Z-1001				2	3	4		110		
NuTech/G2 Genetics	X5Z-1509				2	3	4		115		
OMG	5L33				1				109		
OMG	5L64				1				109		
OMG	5M14				1				108		
OMG	5M71				1				108		
OMG	6M19				1				110		
Power Plus	3H85 AMX				1		5		107		
Power Plus	4J93 AM						4		109		
Power Plus	4J95 AMX				1	2	3	5	6	7	109
Power Plus	5C17 AMXT				1	2	3	5	6	7	110
Power Plus	5K33 AM						4			110	
Power Plus	5K35 AMX				2	3		6	7	110	
Power Plus	6C41 S						4			112	
Power Plus	6L45 AMT				2	3	4	6	7	112	
Power Plus	6P73 AM						4			113	
Power Plus	6P75 AMX				1	2	3	6	7	113	
Prairie	3415				1					104	
Prairie	5819				1					109	
Prairie	5879				1					107	
Prairie	6212				1	2	3	5	6	111	

2016 Corn Entries		*Regions Entered							
Company	Name	1	2	3	4	5	6	7	RM
Prairie	6903.....	1	2	3					110
Prairie	7204.....		3						112
Prairie	7355.....	1	2	3		5	6		112
Prairie	8052.....		2	3					114
Prairie	8229.....		2	3					114
Prairie	8904.....		2	3					114
Prairie	EX3933.....		2	3					112
Prairie	Ex4582.....	1							110
Renk	6-798VT2P.....	1	2	3		5	6	7	109
Renk	RK717SSTX	1							105
Renk	RK776SSTX	1	2	3					107
Renk	RK792SSTX	1	2	3					108
Renk	RK810SSTX	1	2	3		5	6	7	110
Renk	RK815SSTX	1	2	3					111
Renk	RK871VT2P.....	1	2	3					111
Renk	RK935SSTX		2	3	4		6	7	114
Renk	RK941SSTX		2	3	4		6	7	114
Renk	RK961SSTX			4					116
Roeschley	Rx06-06SS	1							108
Roeschley	Rx12-75SS		3						112
Roeschley	Rx14-75VT2P		2	3					114
Roeschley	Rx15-71SS		3						115
Roeschley	Rx215VT2P	1							108
Roeschley	Rx720SS.....		2						113
Steyer	10806 GSS		2						108
Steyer	10904 GSS		2		4				109
Steyer	11005 GSS		2						110
Steyer	11208 Vt3Pro.....		2		4				112
Steyer	11305 GSS		2		4				113
Steyer	11306 Vt2Pro.....		2		4				113
Steyer	11409 GSS		2		4				114

2016 Corn Entries		*Regions Entered							
Company	Name	1	2	3	4	5	6	7	RM
Steyer	11504 GSS		2		4				115
Stone	5118RIB.....	1							101
Stone	5218RIB.....	1							102
Stone	5438RIB.....	1							104
Stone	5828RIB.....	1							108
Stone	6068RIB.....		2	3					110
Stone	6158RIB.....	1							111
Stone	6288RIB.....		2	3	4				112
Stone	6368RIB.....		2	4					113
Stone	6378RIB.....			3					113
Stone	6448RIB.....		2	3					114
Stone	6452RIB.....			4					114
Stone	6458RIB.....		2						114
Stone	6628RIB.....			3					116
Stone	6718RIB.....			4					117
Stone	DG6152RIB			4					111
Sun Praire	SP2500 GSS RIB			3					110
Sun Praire	SP2899 VT2PRIB			4					114
Sun Praire	SPX6852 GSS		3	4					114
Whisnand	214 SS.....		3	4					112
Whisnand	216 SS.....		3	4					111
Whisnand	217 SS.....		3	4					111
YIELDirect	4L59-RIB	1					5		106
YIELDirect	4L87-VT2P	1					5		106
YIELDirect	4M47-RIB	1					5		104
YIELDirect	4M76-GENSS	1					5		105
YIELDirect	5E58-RIB	1					5		107
YIELDirect	5L33-RIB	1					5		109
YIELDirect	5L67-VT2P	1							107
YIELDirect	5M83-RIB	1					5		108

* see page 4 for key to RM and regions entered

2016 Hybrid Corn Test Results: North Region (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	RM	Regional Results			Mt. Morris		DeKalb		Erie		2-yr Avg. bu/a	3-yr Avg. bu/a
						Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %	Yield bu/a	Mst %		
Beck	5828AMX™*Brand	H	C2 R L B		110	258	21.0	100	250	22.9	262	22.1	260	17.9	259	259
Beck	5883SX	H	C2 R2 L B		108	248	19.7	100	214	20.9	253	21.6	275	16.6		
Beck	6076SX	H	C2 R2 L B		110	254	20.6	100	248	20.7	254	24.0	262	17.0		
Beck	6165AMX™*Brand	H	C2 R B		111	259	20.9	100	249	21.4	245	23.1	284	18.1	262	
Beck	6365AMX™*Brand	H	C2 R B		113	258	22.1	100	264	22.2	241	26.0	270	18.2	261	255
Channel	205-19STXRIB	M	C2 R2 L B		105	241	18.6	100	225	18.7	261	21.1	237	16.1	245	
Channel	207-27STXRIB	M	C2 R2 L B		107	244	20.4	100	232	22.1	250	22.5	250	16.6	250	
Channel	209-53STXRIB	M	C2 R2 L B		109	263	21.5	100	248	22.7	267	23.9	274	17.9	262	255
Channel	211-35STXRIB	M	C2 R2 L B		111	240	22.8	100	217	23.6	228	26.9	275	17.8	244	
Channel	214-45STXRIB	M	C2 R2 L B		114	260	22.4	100	240	23.0	273	25.3	267	18.9		
Cornelius	C574DP	L	C2 G		108	255	19.5	100	245	21.4	256	21.2	264	16.1		
Cornelius	C594VT3P	L	C2 R G		110	259	19.2	100	246	19.5	260	22.2	270	15.9	259	251
Cornelius	C621SS	M	C2 R2 L B		110	251	20.3	100	239	20.8	247	23.5	267	16.7	256	252
Cornelius	C634SS	M	C2 R2 L B		111	237	20.6	100	226	22.5	243	22.9	243	16.5		
Cornelius	C712DP	L	C2 G		112	259	20.1	100	248	20.4	255	23.0	275	16.7	261	
Cornelius	C765SS	M	C2 R2 L B		114	260	23.2	100	239	23.4	258	27.0	284	19.4		
Dairyland	DS-9508RA	M	C2 R2 L B		108	253	21.0	100	241	22.0	247	22.3	271	18.9	255	
Dairyland	DS-9911	M	C2 R2 L B		110	239	21.5	100	210	22.2	252	24.7	254	17.6		
Dekalb	DKC58-06RIB	M	C2 R2 L B		108	253	20.3	100	237	20.1	249	22.8	273	17.9	256	
Dekalb	DKC61-54RIB	M	C2 R2 L B		111	258	21.1	100	249	21.3	257	24.3	270	17.6		
Dekalb	DKC62-77RIB	M	C2 R2 L B		112	245	21.2	100	203	21.1	257	25.1	274	17.4	251	246
Dekalb	DKC63-60RIB	M	C2 R2 L B		113	268	22.0	100	249	22.2	274	25.4	283	18.4		
Dekalb	DKC64-87RIB	M	C2 R2 L B		114	265	22.9	100	242	24.2	267	25.8	285	18.7	267	260
Dyna-Gro	D46SS62	M	C2 R2 L B		108	257	19.7	100	245	20.2	257	22.4	269	16.6		
Dyna-Gro	D51SS54	M	C2 R2 L B		111	249	20.8	100	230	22.2	251	23.4	265	16.9	255	
InVison	FS 57TX1 RIB	M	C2 R2 L B		107	244	18.2	100	231	19.2	249	20.7	253	14.8		
InVison	FS 58QX1 RIB	M	C2 R2 L B		108	252	20.1	100	221	21.0	266	23.7	268	15.6	248	
InVison	FS 60LX1 RIB	M	C2 R2 L B		110	246	20.4	100	234	21.2	246	23.2	259	16.8		
InVison	FS 61SX1 RIB	M	C2 R2 L B		111	261	20.4	100	247	21.3	268	22.5	268	17.3	259	
InVison	FS 62VX1 RIB	M	C2 R2 L B		112	253	21.4	100	229	21.9	265	24.4	265	17.9		
InVison	FS 63ZX1 RIB	M	C2 R2 L B		113	252	23.2	100	236	24.2	264	25.8	255	19.5		
InVison	FS 64SX1 RIB	M	C2 R2 L B		114	273	23.2	100	253	24.0	287	27.4	279	18.1		
Miller	M09-14BRGV	L	C R L B		109	248	19.5	100	238	19.7	249	22.6	256	16.3		
Munson	6699SS	M	C2 R2 L B		106	259	19.2	100	247	19.7	265	21.7	266	16.2		
Munson	6892SS	M	C2 R2 L B		108	264	20.8	100	248	21.5	282	24.4	261	16.6	261	258
Munson	6978VT2P	L	C2 R		109	252	20.5	100	243	20.2	265	23.6	249	17.7		
Munson	7084SS	M	C2 R2 L B		110	262	20.6	100	248	20.9	267	24.0	272	16.9	262	258
Munson	7106SS	M	C2 R2 L B		111	246	20.1	100	223	20.1	264	24.2	251	15.9		
Munson	7252SS	M	C2 R2 L B		112	252	22.6	100	247	23.2	250	26.1	258	18.4	251	
Munson	7312SS	M	C2 R2 L B		113	266	22.3	100	249	22.7	263	25.8	285	18.5		
Munson	7383VT2P	L	C2 R		113	250	22.7	100	240	22.4	244	27.5	266	18.3		
NuTech/G2 Genetics	5D-709	M	C2 R G		109	254	19.9	100	234	21.5	255	21.0	272	17.2	260	
NuTech/G2 Genetics	5D-906	M	C2 R G		106	255	19.8	100	243	19.9	250	22.6	274	16.8		
NuTech/G2 Genetics	5F-710	M	C2 G		110	263	20.1	100	246	21.1	275	22.4	266	16.8		
NuTech/G2 Genetics	5H-806	M	C		106	268	18.3	100	250	19.3	269	18.9	287	16.7		
NuTech/G2 Genetics	5L-308	M	C2 R2 G		108	248	20.3	100	218	20.2	256	23.6	270	17.2		
NuTech/G2 Genetics	5L-510	M	C2 R2 G		110	244	20.8	100	229	21.0	240	23.2	262	18.2		
NuTech/G2 Genetics	5L-713	M	C2 R2 G		113	251	22.0	100	251	23.3	236	24.0	265	18.7		
NuTech/G2 Genetics	5X-812	M	C R B		112	218	22.4	100	138	23.6	241	25.0	274	18.6		
Power Plus	3H85 AMX	H	C2 R G		107	252	19.6	100	232	19.8	258	21.6	265	17.4		
Power Plus	4J95 AMX	H	C2 R G		109	258	20.5	100	246	21.3	256	22.7	271	17.5	264	262
Power Plus	5C17 AMXT	H	C2 R2 G		110	259	20.4	100	253	21.0	244	22.8	280	17.3	261	262
Power Plus	6P75 AMX	H	C2 R G		113	257	22.3	100	245	23.8	252	23.9	273	19.2	263	257
Renk	6-798VT2P	L	C2 G		109	248	20.7	100	225	21.4	256	23.4	261	17.2		
Renk	RK717SSTX	M	C2 R2 L B		105	263	18.9	100	243	20.0	262	20.6	283	16.2		
Renk	RK776SSTX	M	C2 R2 L B		107	259	21.1	100	243	21.1	268	24.5	267	17.6	254	249
Renk	RK792SSTX	M	C2 R2 L B		108	259	19.6	100	230	20.6	270	21.0	278	17.3		
Renk	RK810SSTX	M	C2 R2 L B		110	265	20.6	100	250	21.0	263	24.3	282	16.4	262	
Renk	RK815SSTX	M	C2 R2 L B		111	245	20.2	100	217	19.8	260	23.2	257	17.6		
Renk	RK871VT2P	L	C2 G		111	250	22.7	100	229	22.6	250	27.2	270	18.2	252	
Roeschley	Rx06-06SS	L	C2 R2 L B		108	258	19.8	100	234	20.9	269	21.3	269	17.3		
Roeschley	Rx215VT2P	L	C2 G		108	249	20.0	100	234	21.4	261	22.4	252	16.4		
Stone	5118RIB	H	C2 R2 L B		101	247	16.6	100	226	17.1	256	19.0	259	13.8	246	
Stone	5218RIB	H	C2 R2 L B		102	258	17.7	100	241	17.8	261	20.3	272	15.0		
Stone	5438RIB	H	C2 R2 L B		104	248	17.5	100	228	18.3	255	20.1	261	14.3		
Stone	5828RIB	H	C2 R2 L B		108	247	19.5	100	228	20.1	254	22.1	258	16.3	245	245
Stone	6158RIB	H	C2 R2 L B		111	262	21.4	100	257	22.5	257	23.7	272	18.0	263	254

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

2016 Hybrid Corn Test Results: North Region (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	RM	Regional Results			Mt. Morris		DeKalb		Erie		2-yr Avg. bu/a	3-yr Avg. bu/a
						Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %	Yield bu/a	Mst %		
YIELDirect	4L59-RIB	H	C2 R	B	106	247	19.6	100	226	20.2	266	22.8	249	15.9	253	
YIELDirect	4L87-VT2P	H	C2	G	106	269	21.6	100	243	22.4	284	25.2	281	17.1		
YIELDirect	4M47-RIB	H	C2 R	B	104	245	18.0	100	244	17.8	238	20.4	254	15.7		
YIELDirect	4M76-GENSS	H	C2 R2 L	B	105	239	17.9	100	226	19.2	247	19.5	245	15.0		
YIELDirect	5E58-RIB	H	C2 R	B	107	255	19.1	100	239	20.6	256	21.4	269	15.4	253	247
YIELDirect	5L33-RIB	H	C2 R	B	109	265	19.9	100	263	20.2	257	23.3	276	16.2	260	253
YIELDirect	5L67-VT2P	H	C2	G	107	249	20.9	100	241	21.2	253	24.1	252	17.4		
YIELDirect	5M83-RIB	H	C2 R	B	108	267	20.8	100	255	20.3	280	24.9	267	17.3	263	262
Non-GMO Hybrids																
OMG	5L33	L			109	264	20.8	100	256	22.1	268	24.2	269	16.2	260	256
OMG	5L64	L			109	243	20.3	100	216	21.0	251	22.8	262	17.2		
OMG	5M14	L			108	261	20.8	100	256	21.9	265	22.9	261	17.6		
OMG	5M71	L			108	252	19.1	100	236	19.2	263	22.5	259	15.5		
OMG	6M19	L			110	236	21.7	100	217	22.9	246	24.6	245	17.6	241	
Prairie	3415				104	243	18.9	100	234	19.8	251	21.8	242	15.1	241	
Prairie	5819				109	236	21.7	100	236	22.5	224	24.3	248	18.2	239	238
Prairie	5879				107	257	18.3	100	248	19.5	259	19.8	264	15.5	254	251
Prairie	6212				111	250	22.5	100	245	24.3	238	24.0	265	19.3	255	248
Prairie	6903				110	256	21.1	100	236	23.1	265	24.7	265	15.6	247	241
Prairie	7355				112	255	21.4	100	234	20.6	268	25.2	263	18.3	252	
Prairie	Ex4582				110	246	20.1	100	224	20.4	257	22.7	259	17.1		
	Average					253	20.6	100	237	21.2	257	23.3	266	17.1		
	L.S.D 25% Level					14	0.8	0	10	1.1	12	1.1	10	0.7		
	CV (%)					10	8.8	0	4	5.4	5	5.1	4	4.5		

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

2016 Hybrid Corn Test Results: West Central Region (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	RM	Regional Results			Monmouth		Perry		New Berlin		2-yr Avg. bu/a	3-yr Avg. bu/a
						Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %	Yield bu/a	Mst %		
Beck	5828AMX™*Brand	H	C2 R L B		110	244	17.5	100	238	19.0	235	16.4	259	17.1	240	247
Beck	5883SX	H	C2 R2 L B		108	236	16.6	100	216	18.2	249	15.7	242	15.9		
Beck	6076SX	H	C2 R2 L B		110	232	17.5	100	208	18.7	237	15.7	251	18.0		
Beck	6165AMX™*Brand	H	C2 R	B	111	243	18.0	100	235	19.4	239	16.9	255	17.7	246	
Beck	6365AMX™*Brand	H	C2 R	B	113	246	19.1	100	234	20.4	228	18.0	276	18.9	250	256
Burrus	6T54 3000GT	H	C R	B	112	239	20.7	100	237	21.3	223	18.7	257	22.2	241	245
Catalyst	6216 3111A	H	C R L B		112	221	19.7	100	211	20.5	223	17.6	230	20.9		
Channel	207-27STXRIB	M	C2 R2 L B		107	221	16.8	100	191	16.5	235	16.1	238	18.0	235	
Channel	209-53STXRIB	M	C2 R2 L B		109	237	19.1	100	226	18.5	244	17.6	241	21.3	241	248
Channel	211-35STXRIB	M	C2 R2 L B		111	247	18.5	100	241	19.5	240	17.2	260	18.8	249	
Channel	214-45STXRIB	M	C2 R2 L B		114	252	18.8	100	233	20.2	253	17.6	269	18.7	253	
Channel	216-36STXRIB	M	C2 R2 L B		116	261	20.1	100	257	21.0	251	18.9	275	20.4		
Dairyland	DS-9110RA	M	C2 R2 L B		110	221	18.1	100	210	17.8	214	17.3	238	19.3		
Dairyland	DS-9412RA	M	C2 R2 L B		112	231	19.4	100	217	19.0	227	18.3	248	20.9	236	
Dairyland	DS-9911	M	C2 R2 L B		110	224	17.9	100	193	18.5	230	16.9	247	18.4	231	
Dekalb	DKC58-06RIB	M	C2 R2 L B		108	231	17.5	100	204	16.9	246	15.8	243	19.7		
Dekalb	DKC61-54RIB	M	C2 R2 L B		111	244	17.7	100	247	18.4	241	16.6	244	18.1		
Dekalb	DKC62-77RIB	M	C2 R2 L B		112	246	18.6	100	232	19.7	243	17.2	264	19.0	246	249
Dekalb	DKC63-60RIB	M	C2 R2 L B		113	247	19.4	100	240	19.6	250	17.6	251	20.8		
Dekalb	DKC63-71RIB	M	C2 R2 L B		113	252	18.7	100	232	20.9	245	16.3	278	18.9		
Dekalb	DKC64-87RIB	M	C2 R2 L B		114	247	19.0	100	226	19.1	248	17.2	269	20.7	253	258
Dyna-Gro	D51VP32	M	C2 R	G	111	237	18.1	100	231	18.6	231	16.9	249	18.8		
Dyna-Gro	D52SS56	M	C2 R2 L B		112	243	18.0	100	228	20.2	249	16.4	252	17.4		
Dyna-Gro	D52SS91	M	C2 R2 L B		112	247	20.8	100	232	21.3	243	18.8	266	22.2	250	252
InVison	FS 58QX1 RIB	M	C2 R2 L B		108	240	16.8	100	227	17.9	244	15.3	248	17.3	240	
InVison	FS 60LX1 RIB	M	C2 R2 L B		110	239	18.0	100	232	18.9	226	16.2	260	18.7		
InVison	FS 61SX1 RIB	M	C2 R2 L B		111	236	18.3	100	214	19.3	242	17.1	253	18.4	243	
InVison	FS 62VX1 RIB	M	C2 R2 L B		112	240	18.1	100	227	19.8	243	16.8	251	17.8		
InVison	FS 63ZX1 RIB	M	C2 R2 L B		113	246	20.6	100	235	20.4	243	19.3	261	22.1		
InVison	FS 64SX1 RIB	M	C2 R2 L B		114	260	20.0	100	243	21.1	252	18.7	284	20.1		
Lewis	10SS747	M	C2 R2 L B		110	241	18.3	100	222	20.0	242	17.1	259	17.6		
Lewis	16SS887	M	C2 R2 L B		116	242	20.5	100	233	22.6	237	19.2	256	19.8		
Lewis	R1407SS	M	C2 R2 L B		107	227	16.6	100	220	17.0	234	15.4	228	17.3	236	242
Lewis	R1513SS	M	C2 R2 L B		113	243	18.1	100	231	18.9	237	16.7	260	18.7	252	251
Munson	6892SS	M	C2 R2 L B		108	245	17.5	100	236	18.2	240	16.5	258	17.7	244	250
Munson	6978VT2P	L	C2 R		109	235	17.4	100	224	17.9	234	16.6	248	17.6		
Munson	7084SS	M	C2 R2 L B		110	234	17.5	100	221	17.4	239	16.0	242	18.9	243	248
Munson	7106SS	M	C2 R2 L B		111	236	17.4	100	225	18.9	235	16.3	247	17.0		
Munson	7252SS	M	C2 R2 L B		112	246	19.3	100	240	20.6	239	17.6	258	19.7	247	
Munson	7312SS	M	C2 R2 L B		113	248	18.8	100	235	19.8	240	18.1	269	18.4		
Munson	7383VT2P	L	C2 R		113	248	19.4	100	237	19.4	246	18.9	262	20.0		
Munson	7523VT2P	L	C2 R		115	247	21.0	100	229	21.7	250	19.6	262	21.5	252	
Munson	7546GTCBLL	L	C	B	115	225	20.7	100	200	21.6	227	20.3	247	20.1		
Munson	7589SS	M	C2 R2 L B		115	255	19.8	100	251	22.2	251	17.9	263	19.2		
NuTech/G2 Genetics	5D-709	M	C2 R	G	109	240	17.2	100	247	18.2	230	15.5	242	17.9	239	
NuTech/G2 Genetics	5F-515	M	C2	G	115	260	18.9	100	252	19.0	246	17.6	282	20.1		
NuTech/G2 Genetics	5F-710	M	C2	G	110	252	16.7	100	245	17.5	251	15.0	261	17.5		
NuTech/G2 Genetics	5L-015	M	C2 R2 G		115	247	19.0	100	240	20.2	225	18.0	275	18.8		
NuTech/G2 Genetics	5L-308	M	C2 R2 G		108	237	17.0	100	225	18.5	223	15.2	263	17.4		
NuTech/G2 Genetics	5L-510	M	C2 R2 G		110	242	17.4	100	248	18.3	238	16.1	241	17.7		
NuTech/G2 Genetics	5L-713	M	C2 R2 G		113	230	18.8	100	226	21.1	219	16.8	245	18.6		
NuTech/G2 Genetics	5X-812	M	C R	B	112	232	18.7	100	225	19.1	225	18.5	245	18.5		
NuTech/G2 Genetics	X5Z-1001	M	C2	G	110	264	18.3	100	269	20.0	247	17.0	275	18.0		
NuTech/G2 Genetics	X5Z-1509	M	C2	G	115	239	20.0	100	223	21.0	232	19.1	263	19.8		
Power Plus	4J95 AMX	H	C2 R	G	109	240	17.6	100	230	19.3	231	15.9	257	17.4	242	248
Power Plus	5C17 AMXT	H	C2 R2	G	110	241	17.5	100	239	18.7	236	16.3	248	17.6	236	245
Power Plus	5K35 AMX	H	C2 R	G	110	245	17.9	100	236	19.5	236	16.7	263	17.4		
Power Plus	6L45 AMT	H	C2 R2	B	112	239	21.0	100	236	21.0	232	17.6	248	24.3	240	
Power Plus	6P75 AMX	H	C2 R	G	113	248	19.0	100	244	20.7	230	17.7	268	18.5	248	252
Renk	6-798VT2P	L	C2	G	109	233	17.7	100	220	18.7	231	16.3	248	18.1		
Renk	RK776SSTX	M	C2 R2 L B		107	245	17.6	100	232	17.7	238	17.2	264	17.8		
Renk	RK792SSTX	M	C2 R2 L B		108	243	16.4	100	243	18.2	245	15.2	242	15.7		
Renk	RK810SSTX	M	C2 R2 L B		110	235	17.5	100	219	17.6	237	15.8	247	19.2		
Renk	RK815SSTX	M	C2 R2 L B		111	240	17.4	100	233	19.0	240	15.7	246	17.4		
Renk	RK871VT2P	L	C2	G	111	231	18.3	100	231	19.6	209	15.8	252	19.5	238	
Renk	RK935SSTX	M	C2 R2 L B		114	237	18.6	100	219	19.3	229	17.4	262	18.9	246	
Renk	RK941SSTX	M	C2 R2 L B		114	242	20.2	100	225	20.5	230	18.3	271	21.7	243	249

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

2016 Hybrid Corn Test Results: West Central Region (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	RM	Regional Results			Monmouth		Perry		New Berlin		2-yr Avg. bu/a	3-yr Avg. bu/a
						Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %	Yield bu/a	Mst %		
Roeschley	Rx14-75VT2P	L	C2	G	114	244	21.2	100	232	22.7	238	19.1	262	21.7		
Roeschley	Rx720SS	L	C2 R2 L	B	113	227	19.3	100	211	21.0	218	18.3	250	18.6	245 248	
Steyer	10806 GSS	L	C2 R2 L	B	108	230	17.16	100	217	18.0	228	15.5	245	18.0	238	
Steyer	10904 GSS	L	C2 R2 L	B	109	240	17.8	100	233	18.6	233	16.8	255	17.9	241 242	
Steyer	11005 GSS	L	C2 R2 L	B	110	232	17.9	100	218	18.5	239	15.7	238	19.5		
Steyer	11208 Vt3Pro	L	C2 R	G	112	233	18.5	100	226	19.1	233	17.2	239	19.3	241 245	
Steyer	11305 GSS	L	C2 R2 L	B	113	253	19.4	100	250	21.5	242	16.9	269	19.6	252	
Steyer	11306 Vt2Pro	L	C2	G	113	244	18.3	100	221	19.6	249	16.8	262	18.3		
Steyer	11409 GSS	L	C2 R2 L	B	114	230	18.0	100	221	17.5	215	18.0	253	18.6		
Steyer	11504 GSS	L	C2 R2 L	B	115	239	18.4	100	226	19.3	239	17.2	254	18.6		
Stone	6068RIB	H	C2 R2 L	B	110	238	18.3	100	231	19.3	238	17.1	245	18.4		
Stone	6288RIB	H	C2 R2 L	B	112	256	19.0	100	248	19.8	250	18.3	269	18.8	255	
Stone	6368RIB	H	C2 R2 L	B	113	267	19.7	100	250	21.5	262	17.7	289	20.0		
Stone	6448RIB	H	C2 R2 L	B	114	242	19.8	100	235	20.1	247	19.1	244	20.1	248 251	
Stone	6458RIB	H	C2 R2 L	B	114	259	19.6	100	257	19.3	258	19.3	264	20.1		
Non-GMO Hybrids																
Munson	7341	L			113	238	19.5	100	218	19.6	224	18.6	270	20.4		
Prairie	6212				111	228	19.3	100	211	20.5	229	17.7	245	19.5	222 232	
Prairie	6903				110	229	16.9	100	216	18.0	216	15.2	253	17.5	233 238	
Prairie	7355				112	251	20.0	100	224	21.2	256	18.8	273	20.0	249	
Prairie	8052				114	236	20.6	100	213	21.2	234	19.6	261	20.9	239 244	
Prairie	8229				114	248	20.1	100	246	21.1	236	18.6	262	20.7	249 253	
Prairie	8904				114	233	19.1	100	211	19.5	230	17.1	256	20.7	236 243	
Prairie	EX3933				112	234	19.6	100	213	19.1	235	18.6	255	21.0		
Average						241	18.6	100	229	19.5	237	17.3	256	19.1		
L.S.D 25% Level						9	0.7	0	10	0.8	8	0.7	8	0.8		
CV (%)						7	8.5	0	5	4.3	3	4.3	3	4.3		

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

2016 Hybrid Corn Test Results: East Central Region (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	RM	Regional Results ⁴			Dwight		Goodfield		2-yr Avg. bu/a	3-yr Avg. bu/a
						Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %		
Beck	5828AMX™*Brand	H	C2 R L B	B	110	265	15.9	100	258	16.1	272	15.6	261	263
Beck	5883SX	H	C2 R2 L B	B	108	265	14.3	100	263	14.2	268	14.4		
Beck	6076SX	H	C2 R2 L B	B	110	261	15.0	100	253	14.9	269	15.1		
Beck	6165AMX™*Brand	H	C2 R	B	111	268	16.3	100	267	16.4	268	16.3	266	
Beck	6365AMX™*Brand	H	C2 R	B	113	283	17.6	100	279	17.9	288	17.4	277	276
Burrus	6T54 3000GT	H	C R	B	112	262	18.8	100	252	18.5	272	19.1	261	261
Catalyst	6216 3111A	H	C R L B	B	112	256	16.9	100	251	16.1	261	17.7		
Channel	207-27STXRIB	M	C2 R2 L B	B	107	246	14.6	100	247	14.3	245	15.0	239	
Channel	209-53STXRIB	M	C2 R2 L B	B	109	264	15.0	100	259	14.7	269	15.4	262	261
Channel	211-35STXRIB	M	C2 R2 L B	B	111	263	16.4	100	258	16.4	269	16.4	261	
Channel	214-45STXRIB	M	C2 R2 L B	B	114	262	17.1	100	263	17.4	260	16.9	256	
Channel	215-05STXRIB	M	C2 R2 L B	B	115	255	16.7	100	245	17.2	264	16.2		
Channel	216-36STXRIB	M	C2 R2 L B	B	116	265	17.7	100	259	17.1	271	18.4		
Dairyland	DS-9110RA	M	C2 R2 L B	B	110	250	14.9	100	241	15.6	258	14.3		
Dairyland	DS-9412RA	M	C2 R2 L B	B	112	249	16.9	100	243	16.5	256	17.2	246	
Dairyland	DS-9911	M	C2 R2 L B	B	110	246	16.0	100	244	16.0	247	16.0	239	
Dekalb	DKC58-06RIB	M	C2 R2 L B	B	108	254	14.6	100	238	14.1	269	15.1		
Dekalb	DKC61-54RIB	M	C2 R2 L B	B	111	250	15.1	100	251	14.9	248	15.2		
Dekalb	DKC62-77RIB	M	C2 R2 L B	B	112	267	15.3	100	254	15.3	281	15.2	261	262
Dekalb	DKC63-60RIB	M	C2 R2 L B	B	113	266	17.0	100	264	17.0	267	16.9		
Dekalb	DKC63-71RIB	M	C2 R2 L B	B	113	270	16.6	100	266	16.8	273	16.5		
Dekalb	DKC64-87RIB	M	C2 R2 L B	B	114	265	16.5	100	255	16.3	274	16.8	263	264
Dyna-Gro	D51SS54	M	C2 R2 L B	B	111	261	15.5	100	261	15.3	261	15.7	254	
Dyna-Gro	D52SS91	M	C2 R2 L B	B	112	255	18.0	100	241	17.2	270	18.8	253	254
InVison	FS 58QX1 RIB	M	C2 R2 L B	B	108	247	13.9	100	242	13.7	252	14.1	243	
InVison	FS 60LX1 RIB	M	C2 R2 L B	B	110	262	14.9	100	253	14.3	271	15.5		
InVison	FS 61SX1 RIB	M	C2 R2 L B	B	111	263	15.7	100	255	15.4	272	15.9	259	
InVison	FS 62VX1 RIB	M	C2 R2 L B	B	112	251	15.9	100	248	15.8	255	16.0		
InVison	FS 63ZX1 RIB	M	C2 R2 L B	B	113	258	17.8	100	247	17.2	268	18.5		
InVison	FS 64SX1 RIB	M	C2 R2 L B	B	114	279	18.6	100	271	17.8	286	19.5		
Munson	7084SS	M	C2 R2 L B	B	110	263	15.1	100	259	14.9	267	15.4	262	
Munson	7106SS	M	C2 R2 L B	B	111	255	14.6	100	260	14.7	250	14.5		
Munson	7252SS	M	C2 R2 L B	B	112	269	16.5	100	268	16.4	270	16.5	264	
Munson	7312SS	M	C2 R2 L B	B	113	262	16.8	100	265	16.3	258	17.3		
Munson	7589SS	M	C2 R2 L B	B	115	267	17.6	100	269	18.2	265	16.9		
NuTech/G2 Genetics	5D-709	M	C2 R	G	109	267	16.1	100	266	16.2	269	15.9	265	
NuTech/G2 Genetics	5F-515	M	C2	G	115	284	17.0	100	273	17.0	295	17.1		
NuTech/G2 Genetics	5F-710	M	C2	G	110	268	14.9	100	265	14.7	271	15.2		
NuTech/G2 Genetics	5L-015	M	C2 R2	G	115	287	17.6	100	287	18.0	286	17.3		
NuTech/G2 Genetics	5L-308	M	C2 R2	G	108	272	14.9	100	266	14.9	279	15.0		
NuTech/G2 Genetics	5L-510	M	C2 R2	G	110	276	16.4	100	274	16.6	278	16.2		
NuTech/G2 Genetics	5L-713	M	C2 R2	G	113	274	17.3	100	263	17.3	285	17.3		
NuTech/G2 Genetics	5X-812	M	C R	B	112	260	17.8	100	261	18.0	260	17.6		
NuTech/G2 Genetics	X5Z-1001	M	C2	G	110	270	17.9	100	264	17.7	275	18.1		
NuTech/G2 Genetics	X5Z-1509	M	C2	G	115	276	17.8	100	291	17.2	260	18.4		
Power Plus	4J95 AMX	H	C2 R	G	109	262	16.0	100	261	15.9	263	16.0	260	260
Power Plus	5C17 AMXT	H	C2 R2	G	110	265	15.9	100	276	15.7	253	16.0	265	267
Power Plus	5K35 AMX	H	C2 R	G	110	271	16.8	100	263	17.0	278	16.7		
Power Plus	6L45 AMT	H	C2 R2	B	112	273	18.6	100	271	17.8	275	19.4	260	
Power Plus	6P75 AMX	H	C2 R	G	113	279	17.9	100	280	17.8	277	17.9	273	270
Renk	6-798VT2P	L	C2	G	109	254	14.6	100	244	14.8	264	14.5		
Renk	RK776SSTX	M	C2 R2 L B	B	107	258	15.1	100	258	15.3	257	14.9		
Renk	RK792SSTX	M	C2 R2 L B	B	108	275	14.9	100	264	15.1	286	14.6		
Renk	RK810SSTX	M	C2 R2 L B	B	110	259	15.0	100	257	14.9	260	15.0		
Renk	RK815SSTX	M	C2 R2 L B	B	111	244	14.9	100	245	14.7	243	15.0		
Renk	RK871VT2P	L	C2	G	111	260	15.9	100	257	16.0	263	15.7	250	
Renk	RK935SSTX	M	C2 R2 L B	B	114	256	16.5	100	257	16.6	255	16.5	260	
Renk	RK941SSTX	M	C2 R2 L B	B	114	255	17.7	100	239	17.6	272	17.7	244	245
Roeschley	Rx12-75SS	L	C2 R2 L B	B	112	262	16.6	100	263	16.4	262	16.7		
Roeschley	Rx14-75VT2P	L	C2	G	114	263	18.4	100	259	18.1	267	18.7		
Roeschley	Rx15-71SS	L	C2 R2 L B	B	115	275	17.0	100	266	17.5	284	16.6		
Stone	6068RIB	H	C2 R2 L B	B	110	255	15.3	100	252	15.2	258	15.4		
Stone	6288RIB	H	C2 R2 L B	B	112	266	16.7	100	258	16.8	274	16.5	262	
Stone	6378RIB	H	C2 R2 L B	B	113	250	14.9	100	244	14.7	257	15.1		
Stone	6448RIB	H	C2 R2 L B	B	114	254	17.4	100	256	18.2	251	16.7	255	255
Stone	6628RIB	H	C2 R2 L B	B	116	261	19.6	100	242	19.7	280	19.5		
Sun Prairie	SP2500 GSS RIB	M	C R L B	B	110	264	14.8	100	261	14.6	267	15.1		

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

⁴The Urbana location was omitted due to severe root lodging, caused by heavy rainfall and high winds after pollination (July 13th) none of the plots at Urbana were unaffected.

2016 Hybrid Corn Test Results: East Central Region (36,500 ppa)

Company	Name	IST ¹		GT ²		HT ³		RM	Regional Results ⁴			Dwight		Goodfield		2-yr Avg. bu/a	3-yr Avg. bu/a
		M	C	R	L	L	B		bu/a	%	% Erect Plants	bu/a	%	bu/a	%		
Sun Prairie	SPX6852 GSS	M	C	R	L	L	B	114	271	17.9	100	270	18.1	271	17.7		
Whisnand	214 SS	L	C2	R2	L	L	B	112	270	15.6	100	267	15.3	273	15.9	265	262
Whisnand	216 SS	L	C2	R2	L	L	B	111	263	16.3	100	259	16.1	268	16.4	263	
Whisnand	217 SS	L	C2	R2	L	L	B	111	273	18.6	100	262	18.7	284	18.6		
Non-GMO Hybrids																	
Prairie	6212							111	263	17.4	100	260	17.8	266	17.0	254	253
Prairie	6903							110	255	14.9	100	258	14.8	252	14.9	245	246
Prairie	7204							112	255	17.3	100	254	16.6	255	17.9	251	253
Prairie	7355							112	262	16.9	100	265	17.0	259	16.8	251	
Prairie	8052							114	254	18.4	100	255	18.2	254	18.7	244	248
Prairie	8229							114	271	18.5	100	272	18.5	270	18.5	263	264
Prairie	8904							114	253	17.0	100	237	16.8	269	17.2	242	245
Prairie	EX3933							112	250	16.7	100	255	17.1	246	16.3		
	Average								263	16.4	100	259	16.4	267	17		
	L.S.D 25% Level								10	0.6	0	9	0.7	10	1		
	CV (%)								6	5.1	0	4	4.4	4	4		

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

⁴The Urbana location was omitted due to severe root lodging, caused by heavy rainfall and high winds after pollination (July 13th) none of the plots at Urbana were unaffected.

2016 Hybrid Corn Test Results: Southern Region (32,000 ppa)

Company	Name	IST ¹	GT ²	HT ³	RM	Regional Results ⁴			St Peter		Belleville		2-yr Avg. bu/a	3-yr Avg. bu/a
						Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %		
AgVenture	VPM AV8714AM	M	C2	B	114	202	15.6	100	195	14.2	209	17	226	
AgVenture	VPM RL7687AM	M	C2	B	109	204	15.2	100	202	13.9	207	17		
AgVenture	VPM RL7844AM	M	C2	B	110	205	14.7	100	192	13.9	218	15	219	
AgVenture	VPM RL8430AM	M	C2	B	113	194	15.2	100	181	13.9	206	16	224	
AgVenture	VPM RL8537AM	M	C2	B	113	208	15.9	100	194	14.5	223	17	219	
AgVenture	VPM RL8815AM	M	C2	B	115	205	16.7	100	188	14.8	221	19		
AgVenture	VPM RL8899AM	M	C2	B	115	211	15.6	100	195	14.2	227	17	219	
Beck	5828AM™*Brand	H	C2	L B	110	199	14.8	100	187	13.8	211	16	210 ####	
Beck	6076V2P	H	C2	L G	110	177	14.3	100	157	13.4	196	15		
Beck	6127A3	H	C R	L B	111	189	14.2	100	187	13.7	190	15		
Beck	6158AM™*Brand	H	C2	B	111	206	15.0	100	184	14.0	228	16	212	
Beck	6225HR™*Brand	H	C	L B	112	194	16.9	100	175	14.5	214	19		
Beck	6365AM™*Brand	H	C2	L B	113	200	15.7	100	192	13.7	209	18	227	
Beck	6589V2P	H	C2	L G	115	186	17.4	100	173	15.1	198	20		
Burrus	6T54 3000GT	H	C R	B	112	200	16.5	100	190	14.9	210	18	214 ####	
Catalyst	5009 3220	H	C2	L2 B	110	168	14.0	100	158	13.9	179	14		
Catalyst	6216 3111A	H	C R	L B	112	189	15.5	100	179	13.8	199	17		
Catalyst	7577 3010	H	C	B	114	197	15.8	100	185	14.8	209	17	209	
Channel	211-33VT2PRIB	M	C2	L2 G	111	198	16.1	100	191	14.2	205	18	211	
Channel	213-26VT2PRIB	M	C2	L2 G	113	209	14.4	100	197	13.3	222	15		
Channel	214-00DGV2PRIB	M	C2	L2 G	114	191	16.3	100	171	15.1	211	18		
Channel	216-36STXRIB	M	C2	R2 L B	116	204	16.7	100	192	14.1	216	19		
Channel	217-41DGV2PRIB	M	C2	L2 G	117	196	16.3	100	185	13.5	208	19	206 ####	
Dairyland	DS-9412RA	M	C2	R2 L B	112	188	16.2	100	163	13.8	213	19	205	
Dekalb	DKC60-69RIB	M	C2	G	110	191	15.1	100	178	13.4	204	17		
Dekalb	DKC61-55RIB	M	C2	G	111	202	15.7	100	191	14.0	212	17	204	
Dekalb	DKC62-78RIB	M	C2	G	112	202	14.8	100	185	13.2	218	16	209	
Dekalb	DKC64-89RIB	M	C2	G	114	204	15.6	100	188	13.0	220	18	212 ####	
Dekalb	DKC67-72RIB	M	C2	G	117	202	17.4	100	187	14.9	218	20	216	
Dyna-Gro	D52VC91	M	C2	G	112	175	15.0	100	145	13.5	205	16	197 ####	
Dyna-Gro	D54VC52	M	C2	G	114	203	16.6	100	182	14.0	223	19		
Dyna-Gro	D56VC46	M	C2	G	116	194	17.1	100	180	14.3	208	20	213	
InVison	FS 60QV1 RIB	L	C2	G	110	195	15.2	100	188	14.4	202	16		
InVison	FS 61SV1 RIB	L	C2	G	111	191	15.5	100	175	13.9	208	17		
InVison	FS 62TV1DG RIB	L	C2	G	112	192	14.4	100	169	13.3	216	16		
InVison	FS 63ZV1 RIB	L	C2	G	113	191	15.2	100	171	13.8	212	17		
InVison	FS 64SX1 RIB	M	C2	R2 L B	114	208	16.2	100	186	13.9	230	18		
InVison	FS 66ZV1 RIB	L	C2	G	116	198	16.8	100	173	14.5	224	19		
NuTech/G2 Genetics	5F-015	M	C2	G	115	199	15.6	100	196	14.3	201	17		
NuTech/G2 Genetics	5F-515	M	C2	G	115	205	16.3	100	184	14.9	227	18		
NuTech/G2 Genetics	5F-709	M	C2	G	109	198	15.3	100	184	14.5	212	16		
NuTech/G2 Genetics	5F-710	M	C2	G	110	201	14.9	100	179	13.9	222	16		
NuTech/G2 Genetics	5F-713	M	C2	G	113	201	15.9	100	194	14.8	209	17		
NuTech/G2 Genetics	X5Z-1001	M	C2	G	110	200	16.0	100	179	14.3	221	18		
NuTech/G2 Genetics	X5Z-1509	M	C2	G	115	209	16.9	100	181	14.8	237	19		
Power Plus	4J93 AM	H	C2	B	109	200	15.3	100	183	14.5	217	16		
Power Plus	5K33 AM	H	C2	B	110	201	16.1	100	181	14.3	221	18		
Power Plus	6C41 S	H		B	112	202	19.9	100	188	16.7	217	23	215	
Power Plus	6L45 AMT	H	C2	R2 B	112	196	15.7	100	184	14.7	208	17	205	
Power Plus	6P73 AM	H	C2	B	113	194	15.0	100	183	13.8	206	16		
Renk	RK935SSTX	M	C2	R2 L B	114	206	16.0	100	201	14.8	212	17	220	
Renk	RK941SSTX	M	C2	R2 L B	114	187	15.3	100	163	13.6	210	17	199	
Renk	RK961SSTX	M	C2	R2 L B	116	204	16.3	100	197	14.2	210	18		
Steyer	10904 GSS	L	C2	R2 L B	109	197	15.8	100	188	15.4	206	16		
Steyer	11208 Vi3Pro	L	C2	R G	112	193	16.1	100	170	14.1	217	18	202 ####	
Steyer	11305 GSS	L	C2	R2 L B	113	200	15.2	100	182	13.7	218	17	200	
Steyer	11306 Vi2Pro	L	C2	G	113	180	14.9	100	156	13.4	205	16		
Steyer	11409 GSS	L	C2	R2 L B	114	205	15.2	100	196	14.3	215	16		
Steyer	11504 GSS	L	C2	R2 L B	115	184	15.6	100	169	13.5	199	18		
Stone	6288RIB	H	C2	R2 L B	112	208	15.4	100	190	13.3	226	17	215	
Stone	6368RIB	H	C2	R2 L B	113	213	16.6	100	205	14.2	221	19		
Stone	6452RIB	H	C2	G	114	208	16.0	100	196	14.7	220	17		
Stone	6718RIB	H	C3	R2 L B	117	192	17.9	100	163	16.0	222	20		
Stone	DG6152RIB	H	C2	G	111	200	15.7	100	185	13.6	215	18	209	
Sun Prairie	SP2899 VT2PRIB	L	C R	L G	114	204	16.7	100	189	15.3	220	18		
Sun Prairie	SPX6852 GSS	M	C R	L B	114	208	16.1	100	193	13.8	222	18		
Whisnand	214 SS	L	C2	R2 L B	112	204	15.4	100	194	13.5	213	17	219 ####	
Whisnand	216 SS	L	C2	R2 L B	111	204	15.5	100	188	14.0	219	17	217	
Whisnand	217 SS	L	C2	R2 L B	111	201	16.3	100	182	14.4	220	18		
Average						198	15.8	100	183	14.2	213	17		
L.S.D 25% Level						11	1.0	0	10	0.7	6	1		
CV (%)						7	10.6	0	6	5.4	3	6		

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

⁴The Elkville location was omitted due to poor data quality, heavy rain immediately following planting reduced stand significantly

2016 Hybrid Corn Test Results: DeKalb Corn Following Corn (36,500) ppa

Grain Quality

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Yield bu/a	Moisture %	% Erect plants	Grain Quality		
									Oil @0%	Protein @0%	Starch @0%
Channel	207-27STXRIB	M	C2 R2 L B		107	224	16.2	100	4.5	6.9	72.9
Channel	209-53STXRIB	M	C2 R2 L B		109	235	17.5	100	4.1	7.4	72.1
Channel	211-35STXRIB	M	C2 R2 L B		111	207	16.6	100	3.4	7.5	73.8
Cornelius	C621SS	M	C2 R2 LB		110	206	16.3	100	4.3	7.2	72.3
Cornelius	C634SS	M	C2 R2 LB		111	186	16.2	100	4.2	7.3	72.6
Cornelius	C765SS	M	C2 R2 LB		114	217	19.0	100	3.8	8.1	72.4
Dekalb	DKC58-06RIB	M	C2 R2 L B		108	228	16.6	100	3.7	6.8	74.0
Dekalb	DKC61-54RIB	M	C2 R2 L B		111	212	16.8	100	3.8	7.4	72.9
Dekalb	DKC62-77RIB	M	C2 R2 L B		112	224	15.8	100	4.0	7.3	73.2
Dekalb	DKC63-60RIB	M	C2 R2 L B		113	222	18.2	100	3.9	7.2	73.1
Dekalb	DKC64-87RIB	M	C2 R2 L B		114	218	17.7	100	4.0	6.9	73.6
Power Plus	3H85 AMX	H	C2 R	G	107	165	16.1	100	3.9	7.4	73.0
Power Plus	4J95 AMX	H	C2 R	G	109	172	17.6	100	3.9	7.4	72.4
Power Plus	5C17 AMXT	H	C2 R2	G	110	225	16.6	100	3.6	7.6	73.1
Renk	6-798VT2P	L	C2	G	109	184	16.3	100	4.5	7.7	71.6
Renk	RK810SSTX	M	C2 R2 L B		110	217	17.5	100	4.1	7.2	72.4
YIELDirect	4L59-RIB	H	C2 R	B	106	235	16.4	100	4.1	7.5	72.2
YIELDirect	4L87-VT2P	H	C2	G	106	224	16.6	100	3.6	6.9	73.6
YIELDirect	4M47-RIB	H	C2 R	B	104	194	14.1	100	3.6	7.1	74.8
YIELDirect	4M76-GENSS	H	C2 R2 L B		105	199	15.0	100	4.1	7.0	74.2
YIELDirect	5E58-RIB	H	C2 R	B	107	207	15.2	100	4.1	7.5	72.9
YIELDirect	5L33-RIB	H	C2 R	B	109	207	15.2	100	3.9	7.2	72.9
YIELDirect	5M83-RIB	H	C2 R	B	108	221	17.0	100	3.7	7.7	73.4
Non-GMO Hybrids											
Prairie	6212				111	179	17.2	100	4.0	7.5	73.3
Prairie	7355				112	178	17.9	99	3.8	7.4	73.2
	Average					207	16.6	100	4	7	73.0
	L.S.D 25% Level					11	0.6	0	0	0	0.7
	CV (%)					6	3.8	0	5	5	1.0

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²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

2016 Hybrid Corn Test Results: Monmouth Corn Following Corn (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Yield bu/a	Moisture %	% Erect plants	2-yr Avg. bu/a	3-yr Avg. bu/a	Grain Quality		
											Oil @0%	Protein @0%	Starch @0%
Burrus	6T54 3000GT	H	R C	B	112	219	23.7	100	230	235	5.0	9.0	71.0
Catalyst	6216 3111A	H	C R L	B	112	215	20.9	100			4.2	8.4	72.3
Channel	207-27STXRIB	M	C2 R2 L	B	107	204	19.1	100	217		4.2	7.2	72.7
Channel	209-53STXRIB	M	C2 R2 L	B	109	210	19.7	100	225		4.0	7.4	72.8
Channel	216-36STXRIB	M	C2 R2 L	B	116	234	22.5	100			4.1	8.3	71.9
Dekalb	DKC58-06RIB	M	C2 R2 L	B	108	205	20.0	100			4.1	7.6	72.7
Dekalb	DKC61-54RIB	M	C2 R2 L	B	111	219	20.0	100			4.0	8.1	72.7
Dekalb	DKC62-77RIB	M	C2 R2 L	B	112	228	21.4	100	230	233	4.5	8.6	71.3
Dekalb	DKC63-60RIB	M	C2 R2 L	B	113	214	20.2	100			4.1	8.0	72.4
Dekalb	DKC64-87RIB	M	C2 R2 L	B	114	217	20.8	100	231	235	4.1	7.3	72.9
Power Plus	4J95 AMX	H	C2 R	G	109	219	21.1	100	239	239	4.2	8.3	72.0
Power Plus	5C17 AMXT	H	C2 R2	G	110	222	19.6	100	231		4.0	8.5	72.5
Power Plus	5K35 AMX	H	C2 R	G	110	225	21.6	100			4.1	8.2	72.4
Power Plus	6L45 AMT	H	C2 R2	B	112	224	22.0	100	220		3.8	8.3	73.2
Power Plus	6P75 AMX	H	C2 R	G	113	206	22.0	100	233		4.6	8.8	71.2
Renk	6-798VT2P	L	C2	G	109	222	19.5	100			4.8	8.3	71.8
Renk	RK810SSTX	M	C2 R2 L	B	110	210	19.2	100			4.4	8.0	71.9
Renk	RK935SSTX	M	C2 R2 L	B	114	209	23.1	100	221		4.5	8.5	71.9
Renk	RK941SSTX	M	C2 R2 L	B	114	199	23.0	100	209	216	4.1	8.3	71.7
Non-GMO Hybrids													
Prairie	6212				111	201	21.6	100	210		4.2	8.0	72.8
Prairie	7355				112	216	22.2	99	219		4.2	8.1	72.2
	Average					215	21.1	100			4	8	72.2
	L.S.D 25% Level					10	1.1	0			0	0	0.7
	CV (%)					5	5.3	0			6	3	1.0

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

2016 Hybrid Corn Test Results: Urbana Corn Following Corn (36,500) ppa

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Yield bu/a	Moisture %	% Erect plants	2-yr Avg. bu/a	3-yr Avg. bu/a	Grain Quality		
											Oil @0%	Protein @0%	Starch @0%
Burrus	6T54 3000GT	H	R C B		112	241	15.6	96	243	235	4.2	7.6	73.0
Catalyst	6216 3111A	H	C R L B		112	240	14.6	100			4.2	8.1	72.4
Channel	207-27STXRIB	M	C2 R2 L B		107	226	14.1	100	232		4.1	6.7	73.9
Channel	209-53STXRIB	M	C2 R2 L B		109	249	14.0	100	247		3.9	7.2	73.3
Channel	216-36STXRIB	M	C2 R2 L B		116	258	16.2	100			4.1	8.8	71.9
Dekalb	DKC58-06RIB	M	C2 R2 L B		108	234	14.2	96			3.6	6.9	74.0
Dekalb	DKC61-54RIB	M	C2 R2 L B		111	246	14.2	100			3.9	7.9	73.3
Dekalb	DKC62-77RIB	M	C2 R2 L B		112	247	13.6	100	242	234	4.0	8.2	72.7
Dekalb	DKC63-60RIB	M	C2 R2 L B		113	257	15.5	100			3.9	7.7	73.3
Dekalb	DKC64-87RIB	M	C2 R2 L B		114	251	14.4	98	256	245	3.9	7.1	73.4
Power Plus	4J95 AMX	H	C2 R G		109	245	15.1	100	241	233	4.1	8.3	71.9
Power Plus	5C17 AMXT	H	C2 R2 G		110	254	14.9	100	250		3.8	8.2	72.5
Power Plus	5K35 AMX	H	C2 R G		110	254	14.6	100			3.9	7.9	72.8
Power Plus	6L45 AMT	H	C2 R2 B		112	254	15.9	100			3.9	8.9	72.5
Power Plus	6P75 AMX	H	C2 R G		113	250	15.8	100	254		4.3	8.1	71.5
Renk	6-798VT2P	L	C2 G		109	246	14.2	100			4.7	8.4	71.5
Renk	RK810SSTX	M	C2 R2 L B		110	245	13.8	100			4.0	7.1	73.4
Renk	RK935SSTX	M	C2 R2 L B		114	248	15.4	100	241		4.0	7.9	72.9
Renk	RK941SSTX	M	C2 R2 L B		114	247	15.1	100	232	225	3.7	8.3	73.2
	Average					247	14.8	99			4.0	7.9	72.8
	L.S.D 25% Level					9	0.5	2.1			0.2	0.2	0.6
	CV (%)					4	3.6	2.2			4.1	2.2	0.9

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²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both