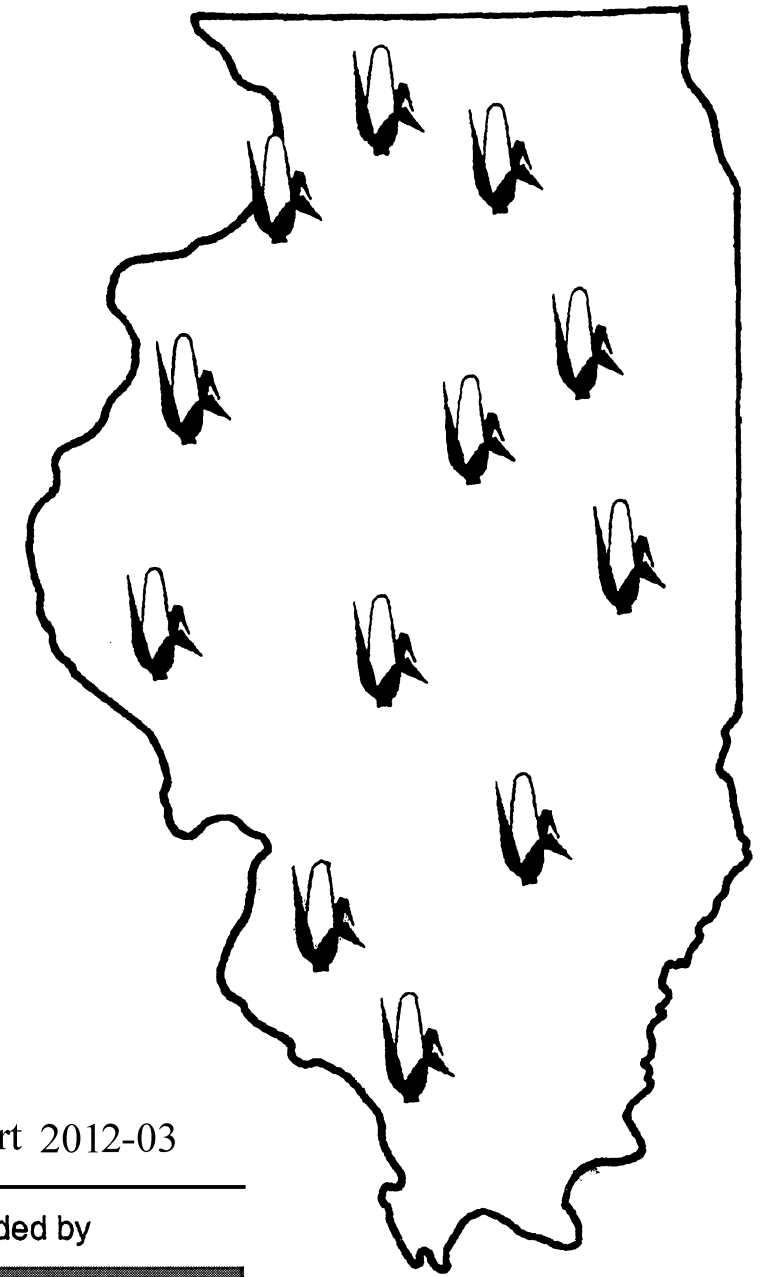


Corn Hybrid Test Results in Illinois- 2012




Crop Sciences Special Report 2012-03

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

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PERFORMANCE OF COMMERCIAL CORN HYBRIDS IN ILLINOIS, 2012

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 2012, 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 222 corn hybrids from 31 companies tested in 2012.

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.

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.

2012 Hybrid Corn Test Results: Monmouth Corn Following Corn (34,000) 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	
BECK	5475AMX ^{®*}	H	C2	R	G	108	195	16.6	100		
BECK	5509 A3	H	C	R	B	110	221	17.2	100		
BECK	6175AMX ^{®*}	H	C2	R	G	112	211	18.0	100		
BURRUS	6J36	M	C	R	B	112	209	17.1	100		
DEKALB	DKC61-17	M	C	R	G	111	201	15.2	100		
DEKALB	DKC61-88	M	C	R	G	111	224	17.0	100		
DEKALB	DKC62-97	M	C	R	G	112	222	16.1	100		
DEKALB	DKC66-96	M	C	R	G	116	236	17.5	100		
DEKALB	DKC67-57	M	C	R	G	117	227	20.5	100		
FS InVISION	FS 60TV4	L	C	R	L	G	110	204	15.6	100	217
FS InVISION	FS 62MV4	L	C	R	L	G	112	219	19.0	100	227
FS InVISION	FS 63SV4	L	C	R	L	G	113	236	18.8	100	
G2 GENETICS	3D-811AMX [™]	L	C	R	B	111	205	18.4	100		
G2 GENETICS	5X-214 [™]	L	C	R	B	114	207	18.8	100		
G2 GENETICS	5X-812 [™]	L	C	R	B	112	216	17.1	100	218	
G2 GENETICS	5X-915 [™]	H	C	R	B	115	218	19.3	99		
G2 GENETICS	5Z-1204 [™]	H	C	R	B	112	226	17.4	100		
G2 GENETICS	5Z-1205 [™]	H	C	R	B	112	218	18.9	100		
LEWIS	1311VT3P	M	C	R	L	G	111	210	16.7	100	
LEWIS	1315VT3P	M	C	R	L	G	115	234	18.3	99	
LEWIS	R1009SS	M	C2	R2	L	B	109	207	18.0	100	220
LEWIS	R1214SS	M	C2	R2	L	B	114	219	20.1	100	
MUNSON	6914SS	L	C	R	L	B	109	210	18.4	100	
MUNSON	7035VT3P	L	C	R	L	G	110	220	16.1	100	
MUNSON	7251VT3P	L	C	R	L	G	112	212	15.9	100	218
MUNSON	7322VT3P	L	C	R	L	G	113	228	17.0	99	236
MUNSON	7397VT3P	L	C	R	L	G	113	224	18.2	99	
MUNSON	7423VT3P	L	C	R	L	G	114	224	17.0	100	236
NUTECH SEED	5B-410 [™]	L	C	R	B	110	204	16.7	100		
NUTECH SEED	5N-910 [™]	L	C	R	B	110	202	15.8	99		
PHOENIX	5552A4	H	C	R	L	B	110	219	17.5	100	
PHOENIX	5642A4	H	C	R	L	B	111	213	18.2	99	
POWER PLUS	6A25	M	C	R	B	112	227	17.8	100		
POWER PLUS	6F73	M	C	R	B	113	211	17.8	100		
POWER PLUS	7A18	M	C	R	B	114	229	19.9	100		
SPECTRUM	6204	L				112	193	16.2	100		
SPECTRUM	6515	L				115	232	20.3	100		
	Average						217	17.7	100		
	L.S.D 25% Level						8	0.9	1		
	CV (%)						4	5.4	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

2012 Hybrid Corn Test Results: DeKalb Corn Following Corn (34,000) ppa

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Yield bu/a	Moisture %	% Erect plants	2-yr Avg. bu/a
BECK	4536A3	H	C R	B	101	187	14.2	100	
BECK	5114A4	H	C R L	B	105	173	14.0	97	
BECK	5475AMX®*	H	C2 R	G	108	202	15.5	100	
CORNELIUS	C574VT3P	L	C2 R	G	108	202	14.8	100	
CORNELIUS	C582VT3P	L	C2 R	G	108	186	15.4	100	198
CORNELIUS	C594VT3P	L	C2 R	G	109	193	15.5	100	205
CORNELIUS	C646VT3P	L	C2 R	G	111	186	14.8	99	208
CORNELIUS	C655-3000GT	L	C R	B	111	207	16.0	100	
CORNELIUS	C728VT3P	L	C2 R	G	112	196	16.1	100	204
DEKALB	DKC61-17	M	C R	G	111	187	15.0	100	
DEKALB	DKC61-88	M	C R	G	111	198	16.5	100	
DEKALB	DKC62-09	M	C R	G	112	224	15.6	100	
DEKALB	DKC62-97	M	C R	G	112	196	16.3	100	
FS InVISION	FS 56TX1 RIB	L	C2 R2 L2	B	106	190	14.6	100	
FS InVISION	FS 59SV4	L	C R L G		109	198	16.1	100	
MUNSON	20455VT3P	L	C R L G		105	198	13.9	100	
MUNSON	6639-3000GT	L	C R	B	106	168	14.4	100	
MUNSON	6805SS	L	C R L B		108	179	15.4	100	
MUNSON	6914SS	L	C R L B		109	209	15.4	100	
MUNSON	7035VT3P	L	C R L G		110	191	16.0	100	
MUNSON	7251VT3P	L	C R L G		112	205	16.3	100	
MUNSON	7322VT3P	L	C R L G		113	186	15.5	100	212
SPECTRUM	6204	L			112	146	17.1	99	
SPECTRUM	6515	L			115	64	19.8	99	
YIELDIRECT	4L48-RIB	H	C2 R2	B	106	196	15.9	100	
YIELDIRECT	5E58-RIB	H	C2 R2	B	107	215	15.1	100	
YIELDIRECT	5L17-RIB	H	C2 R2	B	109	188	15.5	100	
	Average					188	15.6	100	
	L.S.D 25% Level					14	0.7	1.0	
	CV (%)					8	4.7	1.1	

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

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

2012 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 24th.
 Harvest date: October 16th.
 Nitrogen: 180lbs., 165 lbs. as 32% (spring), 15lbs. as dry (fall).
 Herbicides: PRE- Bicep II Magnum.
 Tillage: Spring- field cultivation.

DeKalb

Location: U. of Illinois, N. Illinois Research Center, DeKalb county, southwest of DeKalb.
 Cooperators: Greg Steckel; research director, David Lindgren; farm foreman.
 Soil type: Flanagan silty clay loam.
 Planting date: April 24th.
 Harvest date: October 16th Conv. October 17th CFC.
 Nitrogen (Conv.): 180 lbs. as 32% pre.
 Nitrogen (CFC): 220 lbs. as 28% sidedress.
 Herbicides: (both) PRE- Lumax.
 Tillage: (conv) Spring- mulch finish, (CFC) Fall- chisel plow; Spring- mulch finish.

Erie

Location: Slaymaker farm, Whiteside county, west of Rock Falls, northwestern Illinois.
 Soil Type: Beaucoup silty clay loam.
 Cooperator: Robert Slaymaker.
 Planting Date: April 24th.
 Harvest Date: September 28th.
 Nitrogen: 200 lbs. as NH3 fall.
 Herbicides: PPI- Lumax.
 Tillage: Fall- disk-ripper; 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 18th Conv., April 12th CFC.
 Harvest date: September 20th. Conv. September 5th CFC.
 Nitrogen (Conv): 170 lbs. as 28% spring.
 Nitrogen (CFC): 220 lbs. as 28% spring.
 Herbicides: PPI- Harness Extra., Bicep .
 Post- Callisto, Resource, Atrazine.
 Tillage: Fall- chisel plow; Spring- soil finisher.

New Berlin

Location: Bennett Farm, Sangamon county, north of New Berlin, central Illinois.
 Cooperators: Leahy Bennett.
 Soil type: Sable silt loam.
 Planting date: April 12th.
 Harvest date: September 4th.
 Nitrogen: 210 lbs, 180 lbs as NH3 (fall), 30 lbs as 28% (spring).
 Herbicides: PPI- Parallel Plus.
 Fungicide: Headline.
 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 13th.
 Harvest date: Did not Harvest.

Dwight

Location: Hoffman farm, Grundy county, north of Dwight, northeastern Illinois.
 Cooperator: Allen Hoffman.
 Soil type: Reddick silty clay loam.
 Planting date: April 17th.
 Harvest date: September 12th.
 Nitrogen: 217 lbs., 175 lbs. as NH3 (fall), 42 lbs. as dry (fall).
 Herbicides: PPI- Lumax.
 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 18th.
 Harvest date: September 21th.
 Nitrogen: 200 lbs., 70 lbs. 28% (spring), 30 lbs. dry (fall) 100 lbs. sidedress.
 Herbicide: Pre- Parallel Plus.
 Insecticide: Bifen
 Fungicide: Headline
 Tillage: Fall-Inline ripper/disk lightly . Spring-soil finisher.

Urbana

Location: University of Illinois, Crop Sciences Research and Education Center, Champaign county, Urbana, east-central Illinois.
 Cooperators: Robert Dunker; superintendent, Jeff Warren; farm foreman.
 Soil type: Flanagan silt loam.
 Planting date: April 19th conv.
 Harvest date: October 1st conv. October 4th CFC.
 Nitrogen: (Conv) - 210 lbs. as 28% PPI; Nitrogen: (CFC)- 220 lbs. as 28% sidedress.
 Herbicides: (CFC) PPI- Lumax, Aatrex; (POST) Impact . (Conv) Dual II Aatrex Calisto.
 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 12th.
 Harvest date: Did not Harvest.

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 26th.
 Harvest date: Did not harvest

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 25th.
Harvest date: Did not harvest.

GROWING SEASON RAINFALL

Location	May	June	July	Aug	Sept	Total
Mt. Morris	1.65	1.05	2.40	2.50	1.75	9.35
DeKalb	2.87	0.81	2.26	2.61	1.31	9.86
Erie	3.50	2.45	0.30	4.40	1.15	11.8
Monmouth	3.78	3.20	2.06	3.28	4.60	16.9
New Berlin	1.26	0.79	0.19	2.70	3.18	8.12
Perry	1.01	0.93	0.92	0.73	4.82	8.41
Dwight	5.65	2.20	1.30	5.20	2.80	17.2
Goodfield	2.50	1.80	0.90	3.80	2.90	11.9
Urbana	3.14	2.20	0.81	6.04	6.35	18.5
St. Peter	2.32	0.55	0.68	4.62	10.6	18.7
Belleville	1.13	1.11	0.43	4.06	7.64	14.4
Elkville	0.20	0.15	3.10	3.40	6.90	13.8

SOURCES OF SEED

Beck, Beck's Hybrids, 6767 E. 276th St., Atlanta, IN 46031 (800-937-2325)
Burrus, Burrus Seed, 826 Arenzville Road, Arenzville, IL 62611 (217-997-5511)
Catalyst, Burrus Seed, 826 Arenzville Road, Arenzville, IL 62611 (217-997-5511)
Channel, Channel 800 N Lindberg Blvd. St. Louis, MO 63167 (219-474-6957)
Cornelius, Cornelius Seed, 14760 317th Av., Bellevue, IA 52031 (563-672-3463)
Dairyland, Dairyland Seed, P.O. Box 958, West Bend, WI 53095 (800-236-0163)
DeKalb, Dekalb 800 N. Lindbergh Blvd., St. Louis, MO 63167 (314-694-1000)
Dyna-Gro, Dyna-Gro Seed, #1 Briscoe Dr., Flora, IL 62839 (618-662-4918)
FS InVISION, FS InVISION Corn., 1701 Towanda Ave., Bloomington, IL 61702-2500 (309-557-6234)
G2 Genetics, G2 Genetics, 2321 North Loop Drive, Suite 320, Ames, IA 50010 (515-232-1997)
Hubner, Hubner Seed, 10280 West State Road 28, West Lebanon, IN 47991 (800-328-4428)
Hughes hybrids, Hughes Hybrids, 206 N. Hughes Road, Woodstock, IL 60098 (815-338-1141)
Kruger, Kruger Seed, Box A Dike, IA 50624 (319-989-2414)
Lewis, Lewis Hybrids, 530 Maple Avenue, Ursa, IL 62376 (800-252-7851)
Masters Choice, Masters Choice 3010 St Rt 146 East Anna, IL 62906 (618-833-6553)
Merschman, Merschman Seeds, Inc. 103 Avenue D P.O. Box 67 West Point, IA 52656 (319-837-6111)
Miller, Miller Hybrids, 1213 Larch Avenue Kalona, IA 52247 (319-656-2532)
Munson, Munson Hybrids, 1262 Knox Road 100 East, Galesburg, IL 61401 (888-813-7333)

NuTech, NuTech Seed, LLC, 2321 North Loop Drive, Suite 230, Ames, IA 50010 (515-232-1997)
OMG, Original Maize Genetics, 603 N. McKinstry Road, Woodstock, IL 60098 (815-338-5230)
Phoenix, Beck's Hybrids 6767 East 276th Street Atlanta, IL 46031(800-937-2325)
Power Plus, Burrus Seeds, 826 Arenzville Rd., Arenzville, IL 62611 (217-997-5511)
Prairie, Prairie Hybrids, 27445 Hurd RD. Deer Grove, IL 61243 (815-438-7815)
Renk, Renk Seed Co. 6809 Wilburn Rd., Sun Prairie, WI 53590 (800-289-7365)
Roeschley, Roeschley Hybrids, 8222 East 1500 North Road. Graymont, IL 61743 (815-743-5938)
Spectrum, Spectrum Seed Solutions P.O. Box 271 Darlington, IN 47940 (866-400-9468)
Steyer Seeds, Steyer Seeds P.O. Box 31 Mason City, IL 62664 (217-482-3281)
Stone, Stone Seed Group 5965 West State Route 97 Pleasant Plains, IL 62677 (217-546-8006)
Sun Prairie Seeds, Sun Prairie Seeds 1676 C.R. 2200 East St. Joseph, IL 61873 (217-469-2351)
Unity Seeds, Unity Seeds, LLC 3589 Sagamore PKWY N. Lafayette, IN 47904 (800-338-4558)
Whisnand, Whisnand Hybrids 1220 East State Route 133, Arcola, IL 61910 (217-268-3714)
YIELDirect, YIELDirect, 603 N. McKinstry Road Woodstock, IL 60098 (815-338-5230)

*** KEY TO REGIONS**

- 1 (North) = Mt. Morris, DeKalb, Erie
- 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

Company	Name	IST ¹	GT ²	HT ³	RM	Goodfield			2-yr Avg. bu/a	3-yr Avg. bu/a
						Yield bu/a	Mst %	% Erect Plants		
PHOENIX	5552A4	H	C R L B		110	228	24.5	100	236	
PHOENIX	5642A4	H	C R L B		111	222	25.4	100	237	
POWER PLUS	6A25	M	C R B		112	207	23.2	100		
POWER PLUS	6F73	M	C R	B	113	215	22.1	100		
POWER PLUS	7A18	M	C R	B	114	222	26.8	100	225	
RENK	RK831VT3P	L	C2 R	G	112	220	23.6	99		
RENK	RK858VT3P	L	C2 R	G	112	211	25.3	100	225	
RENK	RK880SSTX	L	C2 R2	G	112	202	22.1	100	219	
RENK	RK922VT3P	L	C2 R	G	114	218	24.2	100		
ROESCHLEY	Rx480SS	M	C3 R2 L3 B		110	212	22.7	100		
ROESCHLEY	Rx575VT3P	M	C2 R	G	111	209	21.2	100	225	
ROESCHLEY	Rx584VT3P	M	C2 R	G	111	207	24.7	100		
STEYER	10901SS	L	C2 R2 L2 B		109	214	21.0	100	208	
STEYER	11302VT3Pro	L	C2 R L G		113	217	26.6	100	238	
STONE	5913VT3	L	C R	G	109	231	24.2	100	239	
STONE	6054GVT3P	L	C2 R	G	110	204	24.3	100		
STONE	6134GVT3P	L	C2 R	G	111	191	22.7	100		
STONE	6214GVT3P	L	C2 R	G	112	211	23.0	100	232	
STONE	6328RIB	L	C3 R2 B		113	209	25.0	100		
STONE	6404GVT3P	L	C2 R	G	114	242	24.4	100	253	
STONE	6434GVT3P	L	C2 R	G	114	218	27.3	100		
SUN PRAIRIE SEEDS	SP2588VT3Pro	L	C R	G	108	204	21.9	100		
SUN PRAIRIE SEEDS	SP2639RR2	L		G	110	210	21.6	100		
SUN PRAIRIE SEEDS	SP2640VT3Pro	L	C R	G	110	216	21.0	100		
SUN PRAIRIE SEEDS	SP2818VT3Pro	L	C R	G	112	214	23.8	100		
UNITY	4614 VT3P	L	C R	G	114	214	24.1	100	232	
UNITY	5512 SS	L	C R	U	112	222	23.4	100		
UNITY	7514 3000GT	L	C R	U	114	187	24.6	100		
WHISNAND	208VT3 P	L	C2 R L G		111	222	20.8	100	227	
WHISNAND	211 VT3 P	L	C2 R L G		111	196	24.1	99	215	
WHISNAND	212VT3P	L	C2 R L G		112	214	24.8	100		
Non-GMO Hybrids										
PRAIRIE	6212				110	202	23.5	100		
PRAIRIE	6469				111	186	26.8	100	208	
PRAIRIE	8052				114	224	27.7	100		
PRAIRIE	8229				114	218	30.0	100	237	
SPECTRUM	5889	L			108	198	20.4	100		
SPECTRUM	5902	L			109	195	20.9	100		
SPECTRUM	6104	L			111	202	23.2	100		
SPECTRUM	6204	L			112	196	22.6	100		
SPECTRUM	6515	L			115	216	27.4	100		
Average						208	23.0	100		
L.S.D 25% Level						13	1.0	0		
CV (%)						6	2.0	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

The Dwight and Urbana locations were harvested but data was not presented. Since the purpose of this research is to provide unbiased data for the selection of hybrids, we felt that the lack of rainfall resulted in data of questionable value for this purpose.

2012 Hybrid Corn Test Results: Goodfield (34,000 ppa)

Company	Name	IST ¹	GT ²	HT ³	RM	Goodfield			2-yr Avg.	3-yr Avg.
						Yield bu/a	Mst %	% Erect Plants		
BECK	5114A4	H	C R L B	B	105	188	16.2	100		
BECK	5475AMX®*	H	C2 R	G	108	190	19.3	100		
BECK	5509 A3	H	C R	B	110	208	22.4	100		
BECK	6175AMX®*	H	C2 R	G	112	206	22.7	100		
BECK	6626AMX®*	H	C2 R	G	112	224	26.8	100		
BURRUS	6J36	M	C R	B	112	208	21.4	100	225	
CATALYST	4685	M	C R L B	B	109	216	26.4	100		
CATALYST	6227	M	C R	B	112	210	23.7	100		
CHANNEL	207-13VT3P	M	C2 R L G	B	107	188	17.5	100		
CHANNEL	210-57STX	M	C2 R2 L B	B	110	192	24.0	100	208	
CHANNEL	212-09STX	M	C2 R2 L B	B	112	200	25.3	100		
CHANNEL	212-86STX	M	C2 R2 L B	B	112	198	24.9	100		
CHANNEL	213-59STX	M	C2 R2 L B	B	113	213	23.9	100		
CHANNEL	214-14VT3P	M	C2 R L G	B	114	207	25.1	100	223	226
CHANNEL	215-52VT3P	M	C2 R L G	B	115	215	23.3	100		
CHANNEL	217-08VT3P	M	C2 R L G	B	117	220	26.8	100		
DAIRYLAND SEED	DS9111SSX	M	C2 R2 L B	B	111	220	23.0	100	231	
DAIRYLAND SEED	DS9212Q	M	C2 R2 L B	B	112	228	22.7	100		
DAIRYLAND SEED	DS9610	L	C R	G	110	206	20.8	100		
DEKALB	DKC58-83	M	C R	G	108	195	16.8	100	201	211
DEKALB	DKC61-17	M	C R	G	111	208	23.7	100		
DEKALB	DKC61-88	M	C R	G	111	206	23.8	100	227	
DEKALB	DKC62-09	M	C R	G	112	235	19.3	100	247	
DEKALB	DKC62-97	M	C R	G	112	210	22.5	99	226	231
DEKALB	DKC63-84	M	C R	G	113	191	26.4	100	214	225
DEKALB	DKC66-96	M	C R	G	116	198	23.9	100	220	
DEKALB	DKC67-57	M	C R	G	117	204	25.3	100		
DYNA-GRO	D51VP32	L	C2 R	G	111	211	19.8	100		
DYNA-GRO	D51VP40	L	C2 R	G	111	208	22.4	100		
DYNA-GRO	D52VP20	L	C2 R	G	112	194	24.9	100	222	
DYNA-GRO	D53VP61	L	C2 R	G	113	198	22.6	100		
FS InVISION	FS 59SV4	L	C R L G	B	109	200	21.0	100		
FS InVISION	FS 60TV4	L	C R L G	B	110	196	19.3	100	220	
FS InVISION	FS 62MV4	L	C R L G	B	112	205	27.4	100	226	
FS InVISION	FS 63SV4	L	C R L G	B	113	208	24.4	99		
FS InVISION	FS 64JV4	L	C R L G	B	114	212	23.3	100		
FS InVISION	FS 65CX1 RIB	L	C2 R2 L2 B	B	115	214	22.5	100		
G2 GENETICS	3D-811AMX™	L	C R	B	111	212	22.4	100		
G2 GENETICS	5H-013™	L	C	B	113	210	23.0	100	225	
G2 GENETICS	5H-1005™	H	C	B	110	213	23.5	100		
G2 GENETICS	5H-309™	H	C	B	109	186	21.3	100		
G2 GENETICS	5X-214™	L	C R	B	114	203	24.9	100		
G2 GENETICS	5X-812™	L	C R	B	112	220	20.8	100	222	
G2 GENETICS	5X-915™	H	C R	B	115	196	23.3	100		
G2 GENETICS	5Z-008™	H	C R	B	108	208	20.5	100		
G2 GENETICS	5Z-1204™	H	C R	B	112	197	24.2	100		
G2 GENETICS	5Z-1205™	H	C R	B	112	187	20.9	100		
HUBNER	EX744VT3P	M	C2 R1	G	113	245	22.8	100		
HUBNER	H5405VT3P	M	C2 R1	G	110	193	21.3	100		
HUBNER	H5609VT3P	M	C2 R1	G	112	186	23.7	100	212	
HUBNER	H6644RCSS	M	C3 R2	B	112	199	26.3	100		
HUGHES	6132 GT3	M	C R	B	108	218	21.6	100		
KRUGER	K4R-9514	M	C R L B	B	114	202	27.1	100		
KRUGER	K4R-9710	M	C R L B	B	110	193	25.1	100		
KRUGER	K-7211	M	C R L G	B	111	208	21.0	100	220	
KRUGER	K-7215	M	C R L G	B	115	221	24.3	100		
KRUGER	K-7312	M	C R L G	B	112	202	19.6	100	209	
KRUGER	K-7315	M	C R L G	B	115	226	24.7	100		
KRUGER	K-7713	M	C R L G	B	113	199	22.9	100	217	
KRUGER	K-7911	M	C R L G	B	111	195	24.6	100		
NUTECH SEED	5B-410™	L	C R	B	110	189	24.0	100		
NUTECH SEED	5N-517™	L	C R	B	117	231	27.3	100		
NUTECH SEED	5N-910™	L	C R	B	110	192	19.7	100		

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

2012 Corn Entries

Company	Name	*Regions Entered							RM			
		1	2	3	4	5	6	7				
Company	Name	1	2	3	4	5	6	7	RM			
BECK	4536A3	1				5			101			
BECK	5114A4	1	2	3		5			105			
BECK	5475AMX®*	1	2	3		5	6		108			
BECK	5509 A3	1	2	3		6	7		110			
BECK	6175AMX®*		2	3	4	6	7		112			
BECK	6272HR®*				4				112			
BECK	6543HR®*				4				113			
BECK	6626AMX®*		2	3	4				112			
BURRUS	6G64		2	4					113			
BURRUS	6J36	1	2	3		6	7		112			
CATALYST	4685			2	3				109			
CATALYST	4685		1						109			
CATALYST	6227			2	3				112			
CHANNEL	202-32STX		1						102			
CHANNEL	203-43VT3P		1						103			
CHANNEL	207-13VT3P			2	3				107			
CHANNEL	210-57STX			2	3				110			
CHANNEL	211-99VT3P		1						111			
CHANNEL	212-09STX			2	3				112			
CHANNEL	212-86STX			2	3				112			
CHANNEL	213-59STX		1	2	3	4			113			
CHANNEL	214-14VT3P			2	3	4			114			
CHANNEL	215-52VT3P			2	3	4			115			
CHANNEL	217-08VT3P			2	3	4			117			
CORNELIUS	C574VT3P		1				5		108			
CORNELIUS	C582VT3P		1				5		108			
CORNELIUS	C594VT3P		1				5		109			
CORNELIUS	C646VT3P		1				5		111			
CORNELIUS	C655-3000GT		1				5		111			
CORNELIUS	C728VT3P		1				5		112			
DAIRYLAND SEED	DS9111SSX			2	3				111			
DAIRYLAND SEED	DS9212Q			2	3	4			112			
DAIRYLAND SEED	DS9414Q				4				114			
DAIRYLAND SEED	DS9610				2	3			110			
DAIRYLAND SEED	DS9614Q				4				114			
DEKALB	DKC57-50		1						107			
DEKALB	DKC58-83			1	2	3			108			
DEKALB	DKC61-17			1	2	3	4	5	6	7	111	
DEKALB	DKC61-88			1	2	3	4	5	6	7	111	
DEKALB	DKC62-09			1	2	3	4	5			112	
DEKALB	DKC62-97			1	2	3	4	5	6	7	112	
DEKALB	DKC63-84			1	2	3					113	
DEKALB	DKC63-87				4						113	
DEKALB	DKC64-69				4						110	
DEKALB	DKC66-96				2	3			6	7	116	
DEKALB	DKC66-97				4						116	
DEKALB	DKC67-57				2	3			6	7	117	
DYNA-GRO	CX12214				4						114	
DYNA-GRO	D51VP32				3	4					111	
DYNA-GRO	D51VP40				3						111	
DYNA-GRO	D52VP20				2	3					112	
DYNA-GRO	D52VP91				2						112	
DYNA-GRO	D53VP61				2	3					113	
DYNA-GRO	D54VC21				4						114	
DYNA-GRO	D54VP81				4						114	
DYNA-GRO	D55VP77				2						115	
FS InVISION	FS 55ZV4				1						105	
FS InVISION	FS 56TX1 RIB				1				5		106	
FS InVISION	FS 59SV4				1	2	3		5		109	
FS InVISION	FS 60TV4				1	2	3	4		6	7	110
FS InVISION	FS 62MV4				1	2	3	4		6	7	112
FS InVISION	FS 63SV4				1	2	3	4		6	7	113

* see page 4 for key to RM and regions entered

2012 Corn Entries

Company	Name	*Regions Entered							RM	
		1	2	3	4	5	6	7		
Company	Name	1	2	3	4	5	6	7	RM	
FS InVISION	FS 64JV4		2	3	4				114	
FS InVISION	FS 65CX1 RIB		2	3	4				115	
G2 GENETICS	3D-811AMX™		2	3	4		6	7	111	
G2 GENETICS	5H-013™		2	3	4				113	
G2 GENETICS	5H-0504™				1				105	
G2 GENETICS	5H-1005™			1	2	3			110	
G2 GENETICS	5H-117™				4				117	
G2 GENETICS	5H-309™			1	2	3			109	
G2 GENETICS	5H-716™				4				116	
G2 GENETICS	5H-806™				1				106	
G2 GENETICS	5H-905™				1				105	
G2 GENETICS	5X-214™			2	3	4		6	7	114
G2 GENETICS	5X-812™			2	3	4		6	7	112
G2 GENETICS	5X-915™			2	3	4		6	7	115
G2 GENETICS	5Z-008™			1	2	3				108
G2 GENETICS	5Z-1204™			2	3	4		6	7	112
G2 GENETICS	5Z-1205™			2	3	4		6	7	112
G2 GENETICS	5Z-407™			1						107
HUBNER	EX744VT3P				3			7		113
HUBNER	H5405VT3P				3			7		110
HUBNER	H5609VT3P				3					112
HUBNER	H6644RCSS				3					112
HUGHES	4607 GT3				1					105
HUGHES	6132 GT3				1					108
KRUGER	K4R-9205				1					105
KRUGER	K4R-9514			2	3	4				114

2012 Corn Entries		*Regions Entered								2012 Corn Entries		*Regions Entered								Regional Results			Monmouth	New Berlin	2-yr	3-yr														
Company	Name	1	2	3	4	5	6	7	RM	Company	Name	1	2	3	4	5	6	7	RM	Company	Name	IST ¹	GT ²	HT ³	RM	Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %	Avg. bu/a	Avg. bu/a						
MUNSON	6639-3000GT		1					5	106	STONE	5724GVT3P		1							107	MERSCHMAN	M-1206D-14	M	C2 R2	B	106	166	14.6	100	176	14.3	156	15.0							
MUNSON	6642SS		1						106	STONE	5912RIB				4					109	MERSCHMAN	M-1209E-14	M	C2 R2	B	109	179	15.5	100	207	15.8	152	15.2							
MUNSON	6805SS		1					5	108	STONE	5913VT3		1	2	3					109	MERSCHMAN	M-1211K-15	M	C2 R2	G	111	197	15.3	99	203	15.4	190	15.2							
MUNSON	6914SS		1	2				5	109	STONE	6054GVT3P		1	2	3					110	MERSCHMAN	M-1212K-15	M	C2 R2	G	111	190	17.3	100	217	17.3	163	17.3							
MUNSON	7035VT3P		1	2				5	110	STONE	6134GVT3P		2	3						111	MUNSON	7035VT3P	L	C R	L G	110	195	16.1	100	212	14.5	179	17.6							
MUNSON	7214RR		1	2					112	STONE	6214GVT3P		2	3						112	MUNSON	7214RR	L			G	112	199	17.7	100	224	16.3	173	19.1						
MUNSON	7251VT3P		1	2				5	112	STONE	6258GSS		1							112	MUNSON	7251VT3P	L	C R	L G	112	187	17.9	100	201	16.7	172	19.2	210						
MUNSON	7322VT3P		1	2				5	113	STONE	6328RIB		2	3	4					113	MUNSON	7322VT3P	L	C R	L G	113	211	17.3	100	218	15.8	205	18.8	232	226					
MUNSON	7397VT3P		1	2					113	STONE	6354GVT3P									113	MUNSON	7397VT3P	L	C R	L G	113	196	16.9	100	219	18.3	173	15.5							
MUNSON	7423VT3P		2						114	STONE	6404GVT3P		2	3	4					114	MUNSON	7423VT3P	L	C R	L G	114	182	17.8	100	212	17.0	152	18.7	210						
MUNSON	7584VT3P		2						115	STONE	6434GVT3P		2	3	4					114	MUNSON	7584VT3P	L	C R	L G	115	191	16.5	100	223	16.0	160	17.0	208	208					
MUNSON	M740VT3P		2						114	STONE	6502RIB									115	MUNSON	M740VT3P	L	C R	L G	114	217	18.4	100	243	18.5	191	18.3							
MUNSON	M750VT3P		2						115	STONE	6514GVT3P									115	MUNSON	M750VT3P	L	C R	L G	115	203	17.7	100	224	18.2	181	17.3							
NUTECH SEED	5B-410™		1	2	3				110	STONE	6604GVT3P									116	NUTECH SEED	5B-410™	L	C R	B	110	175	16.0	100	209	15.6	140	16.4							
NUTECH SEED	5N-517™			3	4				117	SUN PRAIRIE SEEDS	SP2588VT3Pro				3					108	NUTECH SEED	5N-910™	L	C R	B	110	181	16.0	99	197	14.9	166	17.1							
NUTECH SEED	5N-910™			2	3				110	SUN PRAIRIE SEEDS	SP2639RR2				3					110	PHOENIX	5552A4	H	C R	L B	110	194	18.3	100	216	17.3	172	19.3	216						
OMG	4L92								107	SUN PRAIRIE SEEDS	SP2640VT3Pro				3					110	PHOENIX	5642A4	H	C R	L B	111	186	17.7	100	217	17.9	155	17.4	209						
OMG	4M89								106	SUN PRAIRIE SEEDS	SP2818VT3Pro				3					112	POWER PLUS	6A25	M	C R	B	112	198	19.5	100	222	19.3	174	19.8							
OMG	6L39								113	SUN PRAIRIE SEEDS	4614 VT3P		2	3						114	POWER PLUS	6F73	M	C R	B	113	206	18.4	99	232	17.7	180	19.0							
OMG	6M19								110	UNITY	5507 SS		1							107	POWER PLUS	7A18	M	C R	B	114	195	19.6	99	236	20.2	154	19.0	217						
PHOENIX	5552A4								110	UNITY	5511 SS		2							111	POWER PLUS	7A52	M	C R	B	114	204	19.6	100	236	18.6	171	20.5							
PHOENIX	5642A4								111	UNITY	5512 SS		2	3						112	POWER PLUS	8V08	M	C		B	116	199	20.9	100	233	21.1	165	20.6						
PHOENIX	6442A4								113	UNITY	7413 3000GT									113	RENK	RK831VT3P	L	C2 R	G	112	187	16.0	99	203	16.3	171	15.7							
PHOENIX	6948A3								115	UNITY	7514 3000GT		2	3	4					114	RENK	RK858VT3P	L	C2 R	G	112	203	17.8	99	223	17.6	183	18.0	223						
POWER PLUS	4B32								108	UNITY	7606 3000GT		1							106	RENK	RK880SSTX	L	C2 R2	G	112	195	16.5	100	216	15.9	174	17.1	210						
POWER PLUS	6A25								112	WHISNAND	208VT3 P				3	4				111	RENK	RK922VT3P	L	C2 R	G	114	196	16.9	99	227	18.0	164	15.7							
POWER PLUS	6A25								112	WHISNAND	211 VT3 P				3	4				111	STEYER	10901SS	L	C2 R2	L2 B	109	202	17.0	100	215	16.3	189	17.8	180						
POWER PLUS	6C41								112	WHISNAND	212VT3P				3	4				112	STEYER	11302VT3Pro	L	C2 R	L G	113	193	18.2	100	219	18.0	167	18.5	214						
POWER PLUS	6F73								113	YIELDIRECT	4L48-RIB		1							106	STONE	5913VT3	L	C R	G	109	191	15.0	100	209	15.7	173	14.2	211						
POWER PLUS	7A18								114	YIELDIRECT	4L48-RIB		1							107	STONE	6054GVT3P	L	C2 R	G	110	193	16.6	99	213	15.6	172	17.5							
POWER PLUS	8V08								116	YIELDIRECT	5E58-RIB		1							107	STONE	6134GVT3P	L	C2 R	G	111	186	15.2	100	205	15.8	168	14.6							
PRAIRIE	3074								104	YIELDIRECT	5L17-RIB		1							109	STONE	6214GVT3P	L	C2 R	G	112	197	18.0	100	222	18.5	173	17.5	222						
PRAIRIE	5879								107												UNITY	5511 SS	L	C R	U	111	195	16.1	100	212	15.8	179	16.5							
PRAIRIE	6212								110												UNITY	5512 SS	L	C R	U	112	193	15.2	100	210	15.3	176	15.1							
PRAIRIE	6469								111												UNITY	7514 3000GT	L	C R	U	114	182	18.4	100	203	17.8	161	18.9							
PRAIRIE	6950								111													Non-GMO Hybrids			MUNSON	28020	L			114	192	20.8	99	232	19.3	153	22.3	217		
PRAIRIE	8052								114													MUNSON	7293	L			112	192	18.7	99	236	19.0	149	18.4						
PRAIRIE	8229								114													OMG	6L39	L			113	196	20.4	99	240	18.7	151	22.0	216	224				
PRAIRIE	EX 9632								110													OMG	6M19	L			110	177	16.8	99	211	16.1	143	17.4						
RENK	RK741SSTX								107													PRAIRIE	6212				110	189	17.9	100	219	17.9	159	18.0						
RENK	RK795VT3P								108													PRAIRIE	6469				111	194	17.2	100	222	17.4	166	17.0	212					
RENK	RK831VT3P								112													PRAIRIE	8052				114	193	18.5	100	224	19.8	162	17.3	214					
RENK	RK858VT3P								112													PRAIRIE	8229				114	195	20.6	99	228	18.0	161	23.1	220	226				
RENK	RK880SSTX								112													PRAIRIE	EX 9632				110	196	17.0	100	222									

Company	Name	IST ¹	GT ²	HT ³	RM	Regional Results			Monmouth		New Berlin		2-yr	3-yr
						Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %	Avg. bu/a	Avg. bu/a
BECK	5114A4	H	C R L B		105	162	14.2	100	185	14.1	139	14.3		
BECK	5475AMX ^{®*}	H	C2 R G		108	181	16.8	100	207	15.7	155	17.9		
BECK	5509A3	H	C R B		110	196	17.1	100	218	17.1	174	17.2		
BECK	6175AMX ^{®*}	H	C2 R G		112	194	18.4	100	224	18.3	165	18.6		
BECK	6626AMX ^{®*}	H	C2 R G		112	181	19.6	100	218	18.0	145	21.2		
BURRUS	6J36	M	C R B		112	185	16.4	100	208	16.2	162	16.6		
CATALYST	4685	M	C R L B		109	198	17.4	100	223	18.5	173	16.3		
CATALYST	6227	M	C R B		112	194	18.1	100	227	17.9	162	18.3		
CHANNEL	207-13VT3P	M	C2 R L G		107	186	14.4	99	201	13.9	171	15.0		
CHANNEL	210-57STX	M	C2 R2 L B		110	197	16.8	100	216	16.8	179	16.8	210	
CHANNEL	212-09STX	M	C2 R2 L B		112	193	18.7	100	231	18.0	155	19.4		
CHANNEL	212-86STX	M	C2 R2 L B		112	203	18.0	100	223	17.3	183	18.6		
CHANNEL	213-59STX	M	C2 R2 L B		113	207	18.8	100	222	17.5	191	20.1		
CHANNEL	214-14VT3P	M	C2 R L G		114	192	17.8	100	216	17.5	168	18.1	214	214
CHANNEL	215-52VT3P	M	C2 R L G		115	187	16.1	100	216	16.5	157	15.8		
CHANNEL	217-08VT3P	M	C2 R L G		117	206	19.7	100	229	18.3	184	21.2		
DAIRYLAND SEED	DS9111SSX	M	C2 R2 L B		111	196	16.3	100	215	16.3	178	16.3	218	
DAIRYLAND SEED	DS9212Q	M	C2 R2 L B		112	195	17.4	93	222	18.3	168	16.5		
DAIRYLAND SEED	DS9610	L	C R G		110	189	17.1	100	217	16.8	161	17.4		
DEKALB	DKC58-83	M	C R G		108	192	15.7	100	221	15.7	162	15.7	206	213
DEKALB	DKC61-17	M	C R G		111	189	14.9	99	210	14.4	168	15.5		
DEKALB	DKC61-88	M	C R G		111	196	15.2	99	221	15.0	171	15.4	220	
DEKALB	DKC62-09	M	C R G		112	197	17.7	100	220	18.0	174	17.3	221	
DEKALB	DKC62-97	M	C R G		112	189	16.8	100	207	16.5	171	17.1	212	219
DEKALB	DKC63-84	M	C R G		113	189	16.0	100	218	15.1	160	16.9	217	216
DEKALB	DKC66-96	M	C R G		116	204	18.3	100	233	17.8	176	18.8	223	
DEKALB	DKC67-57	M	C R G		117	200	20.4	100	228	20.8	171	19.9		
DYNA-GRO	D52VP20	L	C2 R G		112	175	15.6	99	192	15.8	157	15.5	210	
DYNA-GRO	D52VP91	L	C2 R G		112	184	16.0	100	208	15.7	160	16.2		
DYNA-GRO	D53VP61	L	C2 R G		113	194	17.9	100	214	17.8	174	17.9		
DYNA-GRO	D55VP77	L	C2 R G		115	202	17.8	100	236	17.3	169	18.2		
FS InVISION	FS 59SV4	L	C R L G		109	184	17.0	100	221	15.7	147	18.3		
FS InVISION	FS 60TV4	L	C R L G		110	183	15.7	100	207	15.7	159	15.7	208	
FS InVISION	FS 62MV4	L	C R L G		112	192	17.5	100	222	17.0	163	18.1	210	
FS InVISION	FS 63SV4	L	C R L G		113	198	18.9	100	241	18.2	156	19.6		
FS InVISION	FS 64JV4	L	C R L G		114	201	16.3	99	216	16.8	186	15.8		
FS InVISION	FS 65CX1 RIB	L	C2 R2 L2 B		115	186	19.1	100	214	18.8	159	19.4		
G2 GENETICS	3D-811AMX™	L	C R B		111	200	18.4	100	223	18.4	177	18.5		
G2 GENETICS	5H-013™	L	C B		113	196	18.5	100	229	17.4	164	19.6	215	
G2 GENETICS	5H-1005™	H	C B		110	194	17.7	100	223	17.2	165	18.1		
G2 GENETICS	5H-309™	H	C B		109	205	16.3	100	234	15.6	177	17.0		
G2 GENETICS	5X-214™	L	C R B		114	182	20.6	100	209	19.7	156	21.5		
G2 GENETICS	5X-812™	L	C R B		112	196	19.4	100	221	19.5	171	19.3	215	
G2 GENETICS	5X-915™	H	C R B		115	200	18.8	100	238	17.4	161	20.2		
G2 GENETICS	5Z-008™	H	C R B		108	203	17.3	100	229	15.9	177	18.6		
G2 GENETICS	5Z-1204™	H	C R B		112	209	17.7	100	233	18.3	185	17.2		
G2 GENETICS	5Z-1205™	H	C R B		112	196	17.6	100	230	18.3	163	17.0		
HUGHES	6132 GT3	M	C R B		108	189	17.9	99	212	17.4	166	18.5		
KRUGER	K4R-9514	M	C R L B		114	185	20.0	100	218	18.8	151	21.1		
KRUGER	K4R-9710	M	C R L B		110	180	16.8	100	194	16.1	166	17.6		
KRUGER	K-7211	M	C R L G		111	185	15.5	99	202	15.0	168	16.0	213	
KRUGER	K-7215	M	C R L G		115	193	17.6	100	222	17.7	164	17.6		
KRUGER	K-7312	M	C R L G		112	185	15.8	100	212	15.5	158	16.1	200	
KRUGER	K-7315	M	C R L G		115	205	20.4	100	241	19.9	170	20.9		
KRUGER	K-7713	M	C R L G		113	189	17.7	100	212	17.7	165	17.7	209	
KRUGER	K-7911	M	C R L G		111	207	16.2	100	232	17.4	182	15.1		
LEWIS	1215VT3P	M	C R L G		115	195	18.5	100	223	19.2	167	17.9	216	
LEWIS	1308VT3P	M	C R L G		108	183	14.8	100	207	15.5	158	14.1		
LEWIS	1310VT3P	M	C R L G		110	184	15.0	100	205	13.9	162	16.1		
LEWIS	1311VT3P	M	C R L G		111	199	16.0	100	220	16.0	178	15.9		
LEWIS	1313VT3P	M	C R L G		113	187	15.4	100	202	15.3	171	15.4		
LEWIS	1315VT3P	M	C R L G		115	200	19.2	100	229	18.5	171	19.9		
LEWIS	R1009SS	M	C2 R2 L		109	192	16.9	100	204	16.7	180	17.0	207	
LEWIS	R1214SS	M	C2 R2 L		114	183	19.5	100	224	19.5	142	19.5		

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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

The Perry location was not harvested due to severe drought stress resulting in poor grain set.

2012 CORN LOCATIONS



2012 Hybrid Corn Test Results: North Region (34,000 ppa)

Company	Name	IST ¹	GT ²	HT ³	RM	Regional Results			Mt. Morris		DeKalb		Erie		2-yr Avg.	3-yr Avg.
						Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %	Yield bu/a	Mst %		
BECK	4536A3	H	C R	B	101	190	14.8	100	173	16.8	202	14.7	194	12.8		
BECK	5114A4	H	C R L	B	105	189	15.2	100	184	18.1	185	14.3	197	13.3		
BECK	5475AMX [®] *	H	C2 R	G	108	200	17.6	100	177	20.7	206	16.6	217	15.4		
BECK	5509 A3	H	C R	B	110	214	18.7	100	186	22.1	222	17.6	234	16.4		
CATALYST	4685	M	C R L B		109	211	19.7	99	193	24.3	216	17.4	225	17.3		
CHANNEL	202-32STX	M	C2 R2 L	B	102	197	16.7	100	178	21.1	211	15.4	201	13.6	218	
CHANNEL	203-43VT3P	M	C2 R L G		103	199	15.0	99	184	17.4	190	14.8	223	12.8		
CHANNEL	211-99VT3P	M	C2 R L G		111	212	18.6	99	193	23.8	210	15.7	233	16.3		
CHANNEL	213-59STX	M	C2 R2 L	B	113	217	19.6	100	199	22.4	200	18.8	251	17.8		
CORNELIUS	C574VT3P	L	C2 R	G	108	219	15.8	100	203	18.6	221	15.0	234	14.0		
CORNELIUS	C582VT3P	L	C2 R	G	108	200	16.6	99	175	19.8	214	15.5	210	14.4	219	
CORNELIUS	C594VT3P	L	C2 R	G	109	214	18.1	99	197	21.5	213	16.9	232	16.0	229	
CORNELIUS	C646VT3P	L	C2 R	G	111	198	18.4	98	180	23.4	209	16.0	206	15.8	221	
CORNELIUS	C655-3000GT	L	C R	B	111	217	18.2	100	213	22.1	216	16.2	223	16.2		
CORNELIUS	C728VT3P	L	C2 R	G	112	209	19.3	100	193	24.1	214	16.8	222	16.8	222	
DEKALB	DKC57-50	M	C R	G	107	204	17.8	100	188	22.8	228	17.1	197	13.5	221 222	
DEKALB	DKC58-83	M	C R	G	108	196	16.8	98	172	20.6	208	15.4	209	14.5	202 210	
DEKALB	DKC61-17	M	C R	G	111	212	18.5	97	198	21.9	227	16.8	210	16.7		
DEKALB	DKC61-88	M	C R	G	111	213	18.7	99	193	21.9	212	16.2	235	18.1	232	
DEKALB	DKC62-09	M	C R	G	112	233	18.1	99	226	21.8	230	16.2	242	16.3	253	
DEKALB	DKC62-97	M	C R	G	112	216	19.0	100	199	23.1	220	16.8	229	17.1	229 232	
DEKALB	DKC63-84	M	C R	G	113	217	19.1	98	184	23.0	234	16.8	232	17.5	225 228	
FS InVISION	FS 55ZV4	L	C R L G		105	204	16.1	100	180	20.3	207	14.8	224	13.3		
FS InVISION	FS 56TX1 RIB	L	C2 R2 L2	B	106	188	17.2	100	180	21.5	211	16.3	174	14.0		
FS InVISION	FS 59SV4	L	C R L G		109	213	17.8	98	196	20.8	222	15.1	220	17.4		
FS InVISION	FS 60TV4	L	C R L G		110	212	18.4	100	190	20.7	223	18.4	222	16.1	226	
FS InVISION	FS 62MV4	L	C R L G		112	215	21.0	99	197	24.7	216	18.8	233	19.6		
FS InVISION	FS 63SV4	L	C R L G		113	229	21.1	99	200	26.2	237	18.8	248	18.4		
G2 GENETICS	5H-0504™	H	C	B	105	226	16.3	100	210	19.6	228	14.9	240	14.3		
G2 GENETICS	5H-1005™	H	C	B	110	220	19.2	100	210	23.2	196	16.5	254	17.9		
G2 GENETICS	5H-309™	H	C	B	109	221	18.5	100	194	21.8	221	17.3	248	16.5		
G2 GENETICS	5H-806™	L	C	B	106	217	16.2	100	193	19.1	208	15.2	251	14.3		
G2 GENETICS	5H-905™	L	C	B	105	214	15.7	100	182	18.6	225	15.0	236	13.5	218	
G2 GENETICS	5Z-008™	H	C R	B	108	209	18.0	99	172	21.0	214	17.5	241	15.5		
G2 GENETICS	5Z-407™	H	C R	B	107	201	16.2	100	177	18.0	200	15.1	225	15.3		
HUGHES	4607 GT3	M	C R	B	105	186	16.7	99	169	19.3	198	16.7	192	14.3		
HUGHES	6132 GT3	M	C R	B	108	204	17.3	96	183	19.8	215	17.1	214	15.0		
HUGHES	6J36	M	C R	B	112	213	18.9	99	212	21.5	199	18.0	229	17.1	227	
KRUGER	K4R-9205	M	C R L B		105	193	15.7	99	179	19.1	203	14.6	197	13.4		
KRUGER	K4R-9710	M	C R L B		110	192	19.0	100	172	22.9	197	18.1	205	16.1		
KRUGER	K-7211	M	C R L G		111	208	18.0	90	198	21.4	217	16.3	210	16.3	220	
KRUGER	K-7303	M	C R L G		103	198	15.6	100	169	19.3	213	14.4	211	13.0		
KRUGER	K-7306	M	C R L G		106	194	15.9	98	180	18.2	202	15.9	200	13.7		
KRUGER	K-7312	M	C R L G		112	211	17.8	100	198	21.4	211	16.2	223	15.9	218	
KRUGER	K-7713	M	C R L G		113	204	19.0	100	185	22.0	218	18.8	209	16.0	223	
KRUGER	K-7907	M	C R L G		107	210	17.0	100	188	21.6	221	14.7	222	14.8	225	
KRUGER	K-7911	M	C R L G		111	219	18.7	98	201	24.4	236	15.8	221	15.9		
MILLER	M57-51BR	L	C R	U	107	195	16.8	100	181	19.7	199	16.0	204	14.8		
MILLER	M63-59BR	L	C R	U	109	201	18.6	99	182	21.7	197	17.2	223	16.8		
MILLER	M66-23BR	L	C R	U	111	212	18.5	99	204	22.3	209	16.9	222	16.2		
MILLER	M67-85BR	L	C R	U	111	211	19.1	100	205	22.6	210	17.5	217	17.2		
MUNSON	20455VT3P	L	C R L G		190	215	14.5	100	190	17.3	199	13.6	181	12.8		
MUNSON	6639-3000GT	L	C R	B	106	182	15.2	98	170	17.7	188	15.1	188	12.9		
MUNSON	6642SS	L	C R L B		106	210	16.2	98	195	19.7	212	14.7	223	14.1		
MUNSON	6805SS	L	C R L B		108	195	16.8	100	188	21.6	200	14.3	196	14.5		
MUNSON	6914SS	L	C R L B		109	210	17.5	98	190	21.1	231	16.1	209	15.2		
MUNSON	7035VT3P	L	C R L G		110	217	18.1	99	209	22.1	216	16.3	226	16.0		
MUNSON	7214RR	L		G	112	206	17.7	99	172	22.2	216	16.3	231	14.5		
MUNSON	7251VT3P	L	C R L G		112	216	17.6	99	201	19.8	220	17.0	228	15.9	226	
MUNSON	7322VT3P	L	C R L G		113	208	17.3	99	195	21.1	225	15.1	205	15.8	224 226	
MUNSON	7397VT3P	L	C R L G		113	219	18.8	98	202	22.7	217	17.0	239	16.5		
NUTECH SEED	5B-410™	L	C R	B	110	204	19.1	100	196	22.3	190	18.8	225	16.0		
PHOENIX	5552A4	H	C R L B		110	217	19.1	99	205	22.4	225	17.0	221	17.9	235	
POWER PLUS	4B32	M	C R	B	108	194	17.2	100	175	20.7	192	15.2	214	15.8		

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

2012 Hybrid Corn Test Results: North Region (34,000 ppa)

Company	Name	IST ¹	GT ²	HT ³	RM	Regional Results			Mt. Morris		DeKalb		Erie		2-yr Avg.	3-yr Avg.
						Yield bu/a	Mst %	% Erect Plants	Yield bu/a	Mst %	Yield bu/a	Mst %	Yield bu/a	Mst %		
POWER PLUS	6A25	M	C R	B	112	178	19.2	100	149	22.2	151	18.7	235	16.7		
RENK	RK741SSTX	L	C2 R2	G	107	191	16.8	100	188	20.2	209	16.0	177	14.1		
RENK	RK795VT3P	L	C2 R	G	108	198	18.6	99	169	23.4	204	17.5	221	14.8	214	
RENK	RK831VT3P	L	C2 R	G	112	206	18.5	100	182	23.4	228	16.0	209	16.2	227	
RENK	RK880SSTX	L	C2 R2	G	112	199	17.5	100	179	19.9	194	16.6	224	15.9	219	
ROESCHLEY	Rx296SS	M	C3 R2 L3	B	108	207	17.1	99	189	21.0	208	15.7	224	14.7		
ROESCHLEY	Rx375VT3P	M	C2 R	G	109	210	19.3	100	197	22.7	218	18.5	215	16.6		
ROESCHLEY	RX480SS	L	C R	U	106	199	17.3	100	173	20.4	210	16.1	214	15.3		
STONE	5614GVT3P	L	C2 R	G	106	202	15.4	100	176	18.1	216	14.5	213	13.6		
STONE	5714GVT3P	L	C2 R	G	107	211	16.4	100	189	19.8	212	15.1	232	14.4	221	
STONE	5724GVT3P	L	C2 R	G	107	211	16.7	99	193	21.2	219	15.0	223	13.9		
STONE	5913VT3	L	C R	G	109	224	18.7	99	205	22.9	242	17.2	225	15.9		
STONE	6054GVT3P	L	C2 R	G	110	208	17.9	98	173	23.4	218	15.7	233	14.6		
STONE	6258GSS	L	C3 R2	B	112	211	19.7	100	191	24.0	229	18.3	214	16.7		
UNITY	5507 SS	L	C R	U	107	187	16.7	100	188	21.0	189	15.0	186	14.1		
UNITY	7606 3000GT	L	C R	U	106	203	16.9	100	193	19.9	205	15.9	211	14.8		
YIELDIRECT	4L48-RIB	H	C2 R2	B	106	189	16.9	99	180	21.8	202	14.6	184	14.3		
YIELDIRECT	5E58-RIB	H	C2 R2	B	107	205	16.9	99	191	20.6	219	15.7	206	14.4		
YIELDIRECT	5L17-RIB	H	C2 R2	B	109	201	17.4	97	188	20.7	214	15.9	200	15.6		
Non-GMO Hybrids																
OMG	4L92	L			107	200	17.7	100	181	21.7	190	15.3	228	16.1	214 217	
OMG	4M89	L			106	197	16.0	100	179	17.9	191	15.8	220	14.4	222	
OMG	6L39	L			113	204	20.6	100	151	24.8	214	17.8	246	19.3	221 219	
OMG	6M19	L			110	208	18.9	100	191	23.6	217	16.3	215	16.8	225	
PRAIRIE	3074				104	194	16.4	99	178	19.2						