

2016 Kentucky Hybrid Corn Performance Test

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The objective of the Kentucky Hybrid Corn Performance Test is to provide relative performance estimates of hybrid seed corn sold in Kentucky. The test attempts to treat every hybrid similarly in an unbiased manner. Agronomic practices that meet or exceed university guidelines are implemented at each location.

Presentation of Data

Complete 2016 data is presented for the tests across all locations and tests at each location. Two- and three-year averages for yield are included in each of the single location tables. Tables that include data over multiple years and/or from multiple locations provide a better indication of hybrid performance. If individual location data is used, it should be used in combination with a multiple location average. The multiple location tables present better estimates of hybrid yield ability than data gathered at a single location in one year.

Comparisons between yields and other characteristics of any two or more hybrids should be made only with data from one table at a time. Hybrids are grouped into Early, Medium, Late, and White tests based on relative maturity or trait characteristics. Hybrids that are likely to yield as high as the highest yielding hybrid, based on statistical evaluation, are shaded gray. See Hybrid Comparisons and Experimental Design and Mean Comparisons sections for more detail.

Testing Procedure

Selection of Hybrids

The hybrids submitted for testing are those most likely to be available for sale in 2017. Representatives from seed companies select and nominate their own hybrids. They provide the seed listed in Table 1 and identify the maturity and/or seed coat color.

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Location of Tests

The map on Page 1 shows the test locations. The test sites were selected to represent different agro-climatic areas of Kentucky where corn is a major commodity. There were seven total tests from six locations across the state. Included in these seven tests were two irrigated tests in Fulton and Christian counties. Both of these two were under center pivot irrigation. Furthermore, Fulton County had two tests, one irrigated and one non-irrigated both in the same field.

Seasonal Notes

There were many challenges this year due to the weather. Early on, the Early and Medium tests at Christian County had to be excluded. After harvest, the Late test in Christian County as well as the Medium test under irrigation in Fulton County had to be excluded, too. All of these were excluded due to excessive rainfall early on, which led to a very high CV in the two that were harvested.

Cultural Practices

Corn seed was planted no-till into soybean stubble at four locations and into a tilled field at the other three. Fertilizer was applied in accordance with each individual farmer's practices.

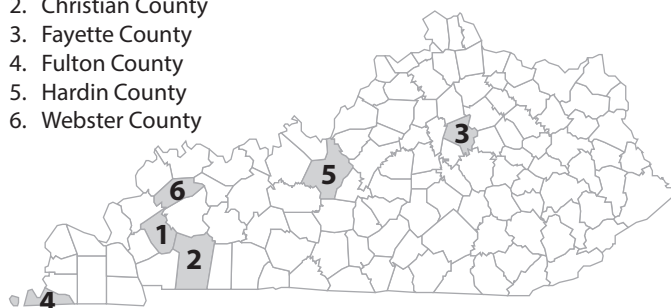
All test areas were treated with herbicide(s) and insecticide(s) supplemented by post emergence herbicide when necessary.

Experimental Design and Mean Comparisons

Each hybrid was grown in three replications at each location to sample uncontrollable variability within the field. Yields presented in the tables are averages of three replications at the test site; 2-year and 3-year means are averages of six and nine

Locations of the 2016 Kentucky Hybrid Corn Performance Tests

1. Caldwell County
2. Christian County
3. Fayette County
4. Fulton County
5. Hardin County
6. Webster County



<http://www.uky.edu/Ag/GrainCrops/varietytesting.htm>
<http://www2.ca.uky.edu/cornvarietytest/>

replications, respectively. A randomized complete block design (RCBD) was used for each maturity group test at each location.

These tests are designed to predict relative yield ability. In these tests, we are most interested in how Hybrid A yields relative to Hybrid B. Slight differences in yield ability can occur as a result of variability in the field. The least significant difference (LSD) is used to account for that variability and to help determine significant differences between hybrid performances.

Consider the following example:

Hybrid	Yield
A	165
B	155
C	140
LSD (0.10)	12

The yield difference between Hybrid A and Hybrid B is 10 bu/acre (165 – 155 = 10). The difference is less than the LSD (12 bu/acre). Based on the LSD, the yield difference between hybrids A and B is not significant, meaning that we would expect hybrids A and B to have the same yield capability the next season. However the yield difference between hybrids A and C is 25 bu/acre (165 - 140 = 25) which is greater than the LSD (12 bu/acre). The LSD indicates that we would expect hybrid A to have greater yield capability than hybrid C next year.

The LSD occurs at the bottom of each table. Yield differences that are less than the LSD are not significantly different from each other. Tables are sorted from greatest to least yield. Cells that have been shaded gray are not significantly different from the highest yield mean in that column. The analysis indicates that all hybrids with yields shaded gray, would be expected to have similar yield potential next season.

The coefficient of variation (CV) is a calculated value that helps indicate unexplained variation in these studies. A smaller CV indicates less unexplained variation and more precise results.

Planting

All plots were planted with a Wintersteiger Dynamic Disk vacuum, four-row, no-till planter, which is specialized for small plot work. Each hybrid seed was planted into plots consisting of four rows 30 inches apart and 20 feet long. Hybrid

seed was planted at a rate of 32,000 in the non-irrigated locations and at 36,000 at the irrigated locations.

Harvesting

All plots were harvested with a Wintersteiger Delta two-row corn combine. The central two rows of each four-row plot were harvested. The grain weight, moisture content, and test weight of grain from each plot was measured with an electronic scale and moisture meter mounted on the combine. Yields were calculated for grain at 56 pounds per bushel and adjusted to 15.5 percent moisture. The test weight reported in each annual table for any hybrid is not corrected for harvest moisture and is reported at the moisture content for that hybrid listed in that table. Dropped ears were not gleaned from the plots. The total number of lodged plants was recorded at harvest.

The Kentucky Hybrid Corn Performance Test is divided into four tests: Early, Medium, and Late maturities and White hybrids. These divisions provide evaluations of the hybrid groups without competition biases. The divisions do not allow for comparisons across groups. For example, a hybrid in the Early test cannot be compared to a hybrid in the Late. The Early, Medium, Late, and White tests were grown at all seven locations for a total of 28 tests.

The Early maturity hybrid group in Table 2E and all subsequent “E” tables, includes those hybrids rated by the parent seed company to mature in 111 days or earlier.

The Medium maturity hybrid group in Table 2M and all subsequent “M” tables includes those hybrids rated by the parent seed company to mature in 112-115 days.

The Late maturity hybrid group in Table 2L and all subsequent “L” tables include those hybrids rated by the parent seed company to mature in 116 days or later.

The White hybrid group in Table 2W and all subsequent “W” tables includes those hybrids with a white seed coat and rated by the parent seed company to mature in 112 to 117 days.

Grain moisture of hybrids in the Early, Medium, and Late tests should be within the LSD for that test. Hybrids with grain moisture above the LSD

likely belong in a later-maturing test. Each hybrid is placed in the Early, Medium, and Late tests based on the hybrid maturity defined by the company.

Acknowledgments

The authors sincerely appreciate efforts of the Kentucky Corn Growers Association in providing a Wintersteiger Delta Corn plot combine through a very reasonable lease agreement. This combine contributes to improved accuracy of the data.

The authors are grateful to the following farmer-cooperators who not only provided land for testing but helped with the tests throughout the growing season:

- John Young and family of Herndon, Ky.
- Kerby Grey and family of Cecilia, Ky.
- Sanger Farms of Hickman, Ky.
- Tapp Family Farms of Sebree, Ky.

The authors give special thanks to Ted Walker, John Stanhope and the entire crew of the College of Ag Farm Shop for keeping us going year-round.

Additional acknowledgments are made to the following people who helped conduct this year’s performance test.

- Dr. Carrie Knott, Extension Specialist in Grain Crops, Research and Education Center, Princeton, KY.
- Dr. Carl Bradley, Extension Plant Pathologist, Research and Education Center, Princeton, KY.
- Joe Williams, Superintendent, and Scott Peek, Farm Manager, Research and Education Center, Princeton, KY.
- Nick Dillender, Blake Denson, Andrew Gennett, Connor Raymond student help in 2016.
- Mark Thomas, local Dupont Pioneer representative for supplying seed for borders
- Ben Rudy, Extension Agent, Fulton County, KY
- Jay Stone, Extension Agent, Christian County, KY.
- Vicki Shadrick, Extension Agent, Webster County, KY.
- Matt Adams, Extension Agent, Hardin County, KY.

Source of Seeds

The seeds planted in the 2016 Hybrid Corn Performance Test were acquired from the sources listed in Table 1.

Table 1. Hybrids Tested in 2016.

Company	Hybrid	Trait¹	Test²	Color	CRM³
AgriGold Hybrids	A6424-3111	GT3VIP	E	Yellow	108
Justin Warren	A6441VT2RIB	VT2	E	Yellow	109
5381 Akin Rd	A6442VT2RIB	VT2RIB	E	Yellow	109
St. Francisville, IL 62460	A6462VT2RIB	VT2RIB	E	Yellow	110
justin.warren@agrigold.com	A6472VT2RIB	VT2RIB	E	Yellow	110
800-262-7333	A6499STXRIB	STXRIB	M	Yellow	112
	A6517VT3PRIB	VT3RIB	M	Yellow	113
	A6544VT2PRO	VT2	M	Yellow	113
	A6559VT2PRO	VT2PRO	M	Yellow	113
	A6572VT2PRO	STX	M	Yellow	114
	A6579STX	STX	M	Yellow	114
	A6619VT2RIBD1	VT2 DG	M	Yellow	114
	A6652VT2PRO	VT2	L	Yellow	116
	A6659VT2RIB	VT2RIB	L	Yellow	116
	A6711VT2PRo	VT2PRO	L	Yellow	118
	A6507WBtRR	WBtRR	W	White	114
AgVenture D&M Inc	RL7844AM	Gly, LL, CB	E	Yellow	110
Thad Walker	RL8430AM	Gly, LL, CB	M	Yellow	113
P.O.Box 102	RL8714AM	Gly, LL, CB	M	Yellow	114
Kentland, IN 47951	RL9256HB	Gly, LL, CB	L	Yellow	117
twalker@agventuredm.com					
217-899-4618					
Armor Seed	909	RR, PRO2	E	Yellow	109
Chris Ouzts	AXC6111	RR, PRO2	E	Yellow	111
183 Pennsylvania Ave	AXG6112	3000GT	M	Yellow	112
Waldenburg, AR 72475	AXT6113	RR, PRO2	M	Yellow	113
chrisouzts@armorseed.com	AXT6114	RR, PRO2	M	Yellow	114
662-719-3157	1500	RR, PRO2	M	Yellow	115
	AXC6116	RR, PRO3	L	Yellow	116
Augusta Seed Corporation	1108	3110GT	E	Yellow	108
Matt Rawley	4959	3110GT	E	Yellow	109
PO Box 899	5062	3110GT	M	Yellow	112
Verona, VA 24482	6664	VT2Pro	M	Yellow	114
Matt.rawley@augustaseed.com	1564	GTCBLL	M	Yellow	114
540-886-6055	1565	GTCBLL	M	Yellow	115
	7768	3110GT	L	Yellow	118
Beck's Hybrids	5828AM™™ Brand	AM	E	Yellow	110
Daniel Bechman	6076V2P	V2P	E	Yellow	110
6767 East 276th Street	6158AM™™ Brand	AM	E	Yellow	111
Atlanta, IN 46031	6365AM™™ Brand	AM	M	Yellow	113
daniel.bechman@beckshybrids.com	6225AM™™ Brand	HR	M	Yellow	112
800-937-2325	6589V2P	V2P	M	Yellow	115
	6674SX	SX	L	Yellow	116
™™XL, Optimum, and AcreMax are registered trademarks of Pioneer. XL brand seed is distributed by Beck's Superior Hybrids, Inc.					
Brodbeck Seeds	57RA10	SS Blend	E	Yellow	110
Daniel Ritter	54RA14	SS Blend	M	Yellow	112
2485 West McCoysburg Rd	57RA14	SS Blend	M	Yellow	114
Rensselaer, IN 47978					
dritter@brodbeckseed.com					
219-863-1727					
Caverndale Farms Brand Seed	CF 793 VIP 3110	RR, LL, BT, VIP	E	Yellow	109
Barry Welty	CF 818 3000GT	RR, BT, LL, RW	E	Yellow	111
1921 Bluegrass Pike	CF 839 3000GT	RR, BT, LL, RW	M	Yellow	113
Danville, KY 40422	CF 842 GTCBLL	RR, BT, LL	M	Yellow	114
bwelty@kywimax.com	CF 883	GTCBLL	L	Yellow	117
859-236-2150	CF 894	VT2PRORIB	L	Yellow	117
Channel	210-26VT2PRIB	VT2PRIB	E	Yellow	110
David Haines	216-36VT2PRIB	DGVT2PRIB	L	Yellow	116
PO Box 681493	218-44VT2PRIB	VT2PRIB	L	Yellow	118
Franklin, TN 37068					
david.haines@monsanto.com					
574-870-9207					

Table 1. Hybrids Tested in 2016 (continued).

Company	Hybrid	Trait¹	Test²	Color	CRM³
Dupont Pioneer	P0843AM	AM	E	Yellow	108
George Stabler	P1197AM	AM	E	Yellow	111
59 Greif Parkway, Ste 200	P1257AM	AM	M	Yellow	112
Delaware, OH 43015	P1311AM	AM	M	Yellow	113
George.Stabler@pioneer.com	P1316	AM	M	Yellow	113
803-308-1003	P1602AM	AM	L	Yellow	116
	P1637AM	AM	L	Yellow	116
	P2089AM	AM	L	Yellow	120
	P1306WHR	HX1, LL, RR2	W	White	113
	33G60	HX1, LL, RR2	W	White	114
	P1477WHR	HX1, LL, RR2	W	White	114
	32B16	HX1, LL, RR2	W	White	117
Dyna-Gro Seed	D52VC91	VT2Pro	E	Yellow	112
Brian Sims	D54DC94	DG VT2Pro	M	Yellow	114
2760 Keller Rd	D54VC52	VT2Pro	M	Yellow	114
Owensboro, KY 42301	D56VC46	VT2Pro	L	Yellow	116
Chris.hummel@cpsagu.com					
Chris Hummel – 573-470-1499					
Great Lakes Hybrids	5944STXRIB	STX	E	Yellow	109
Jim Jackson	6185STXRIB	STX	E	Yellow	111
4827 N. Golf Course Rd	6259VT2RIB	VT2	M	Yellow	112
Bruceville, IN 47516	6462STXRIB	STX	M	Yellow	114
Jim.jackson@greatlakeshybrids.com	6686VT2RIB	VT2	L	Yellow	116
812-343-6127					
Gromark	FS InVISION FS615X1 RIB	VT2P RIB	E	Yellow	111
Dennis Garzonio	FS InVISION FS62TV1DG RIB	DG VT2P RIB	M	Yellow	112
1701 Towanda Ave	FS InVISION FS63ZV1 RIB	VT2P RIB	M	Yellow	113
Bloomington, IL 61702-2500	FS InVISION FS 645X1 RIB	SSx RIB	M	Yellow	114
dgarzonio@growmark.com	FS InVISION FS66ZV1 RIB	VT2P RIB	L	Yellow	116
309-557-6234					
Hoegemeyer Hybrids	HPT 8153 AM	AM	E	Yellow	111
Jeremy Horvatic	HPT 8239 AM	AM	M	Yellow	112
1755 Hoegemeyer Rd	HPT 8294 AM	AM	M	Yellow	112
Hooper, NE 68031	HPT 8616 AM	AM	L	Yellow	116
j.horvatic@hoegemeyer.com					
402-719-4737					
LG Seeds	LG5554-3111	ECB,VIP,CRW	E	Yellow	108
Jesse Grogan	LG5548STXRIB	STX	E	Yellow	109
22827 Shissler Road	LG5607VT2RIB	VT2PRO	E	Yellow	111
Elmwood, IL 61529	LG5618STXRIB	STX	M	Yellow	113
Jesse.grogan@lgseeds.com	LG5643VT2RIB	VT2Pro	M	Yellow	114
765-426-2763	LG5650VT2Pro	VT2Pro	M	Yellow	114
	LG5663VT2PRO	VT2Pro	M	Yellow	115
	LG5701VT2RIB	VT2Pro	L	Yellow	116
Monsanto (DEKALB)	DKC60-69RIB Brand Blend	GENDGVT2PRIB	E	Yellow	110
Glenn Murphy	DKC62-08RIB Brand Blend	GENSSRIB	M	Yellow	112
264 Persimmon Ridge Dr	DKC62-78RIB Brand Blend	GENSSRIB	M	Yellow	112
Louisville, KY 40245	DKC63-72RIB Brand Blend	GENDGVT2PRIB	M	Yellow	113
glen.p.murphy@monsanto.com	DKC64-35RIB Brand Blend	GENVTP2RIB	M	Yellow	114
502-377-5053	DKC64-89RIB Brand Blend	GENVT2PRIB	M	Yellow	114
	DKC66-59RIB Brand Blend	GENVT2P	L	Yellow	116
	DKC66-75	GENVT2P	L	Yellow	116
	DKC67-44	GENVT2P	L	Yellow	117
	DKC67-58RIB Brand Blend	GENVT2PRIB	L	Yellow	117
	DKC67-72RIB Brand Blend	GENVT2PRIB	L	Yellow	117
	DKC68-26RIB Brand Blend	GENVT2P	L	Yellow	118
Pfister Seeds	67A1	SS,RR,LL,BLEND	E	Yellow	107
Keith Niemeier	70A1SSR	SS,RR,LL,BLEND	E	Yellow	110
201 Knollwood Dr	71C1SSR	SS,RR,LL,BLEND	E	Yellow	111
Champaign, IL 61820	73A2SSR	SS,RR,LL,BLEND	M	Yellow	113
kniemeier@pfisterseeds.com	3366RA	SS,RR,LL,BLEND	M	Yellow	113
618-541-0605	3488HXRR	HX1,RR,LL	M	Yellow	115

Table 1. Hybrids Tested in 2016 (continued).

Company	Hybrid	Trait ¹	Test ²	Color	CRM ³
Progeny Ag Products	PGY6110VT2P	VT2P	E	Yellow	110
John D. Rocconi	PGY4114VT2P	VT2P	M	Yellow	114
1529 HWY 93	PGY5115VT2P	VT2P	M	Yellow	115
Wynne, AR 72396	PGY6116VT2P	VT2P	L	Yellow	116
JohnR@progenyag.com 870-238-2079	PGY4117VT3P	VT3P	L	Yellow	117
Seed Consultants Inc.	SCS 1086YHR™	RR2,HX,LL,YGCB	E	Yellow	107
Bill Mullen	SC 10AGT96™	GTCBLL	E	Yellow	108
648 Miami Trace Rd. SW	SCS 1105YHR™	YGCB/HX1/LL/RR2	E	Yellow	109
Washington Court House, OH 43160	SC 11AQ17™	GT,CB,LL,RW	E	Yellow	110
bmullen@seedconsultants.com	SCS 1125YHR™	YGCB/HX1/LL/RR2	M	Yellow	111
800-708-2676	SCS 11AQ15™	CB/LL/RW/GT	M	Yellow	112
	SCS 1136YHR™	RR2,HX,LL,YGCB	M	Yellow	112
	SC 11AGT43™	GT/CB/LL	M	Yellow	113
	SCS 11HR63™	HX1/LL/RR2	L	Yellow	116
	SC 11AGT74™	GT/CB/LL	L	Yellow	116
Stewart Seeds	10SS457	GENSS	E	Yellow	110
Justin Petrosino	8A625	SS	M	Yellow	113
127 N Grove Street	8E663RIB	VT2PRIB	M	Yellow	113
Bowling Green, OH 43402	8E753RIB	VT2PRIB	M	Yellow	114
justin.petrosino@stewartseeds.com	16DP117	VT2Pro	L	Yellow	116
419-681-3427	17DP387	VT2Pro	L	Yellow	117
Steyer Seeds	11104VT2PRORIBC	VT2	E	Yellow	111
Joe Steyer	11306DGV2PRORIBC	VT2	M	Yellow	113
PO Box 209	11408VT2PRORIBC	VT2	M	Yellow	114
Old Fort, OH 44861	11409 VT2PRORIBC	VT2	M	Yellow	114
joe@steyerseeds.com	11506VT2PRORIBC	VT2	M	Yellow	115
800-231-4274					
Syngenta (NK)	Syngenta N60F-3111	GT,CB,LL,VIP,RW	E	Yellow	107
Sarah Gehant	Syngenta N59B-3122A	GT,CB,RW,LL,VIP,ART	E	Yellow	109
4320 Upton Talley Rd	Syngenta N66V-3000GT	GT,CB,LL,RW	E	Yellow	110
Upton, KY 42784	Syngenta N70J-3111A	GT, CB, RW, LL	M	Yellow	112
sarah.gehant@syngenta.com	Syngenta N74R-3122-EZO	GT,CB,LL,RW,HXX	M	Yellow	114
270-307-4440	Syngenta N76A-3010	VT3P A-3010	M	Yellow	114
	Syngenta N83D-3000GT	GT,CB,LL,RW	L	Yellow	118
T.A. Seeds	TA583-22DPRIB	VT2P RIB	E	Yellow	108
Cory Chelko	TA683-13VPRIB	VT3P RIB	M	Yellow	112
39 Seeds Lane	TA736-22DPRIB	VT2P	E	Yellow	113
Jersey Shore, PA 17740	TA765-30	Vip 3110	M	Yellow	115
cchelko@taseeds.com	TA767-22DPRIB	VT2P RIB	L	Yellow	116
570-753-5503					
Terral Seed, Inc.	REV® 18BHR84™	YGCB,HX1,LL,RR	E	Yellow	108
Marty Hale	REV® 22BHR43™	YGCB,HX1,LL,RR	M	Yellow	112
111 Ellington Dr.	REV® 23BHR55™	YGCB,HX1,LL,RR	M	Yellow	113
Rayville, LA 71269	REV® 24BHR93™	YGCB,HX1,LL,RR	M	Yellow	114
mhale@terralseed.com	REV® 25BHR26™	YGCB,HX1,LL,RR	M	Yellow	115
318-341-8814	REV® 28HR20™	YGCB,HX1,LL,RR	L	Yellow	118
Warren Seed & Agronomy Service	DS 9610	3000 GT	E	Yellow	110
Lanny Warren	DS 9110SSX	SSX	E	Yellow	110
208 South Thompson St	DS 9412SSX	SSX	M	Yellow	112
Union City, TN 38261	DS 9513SSX	SSX	M	Yellow	113
lanny.warren@charter.net	DS 9913SSX	SSX	M	Yellow	114
731-885-6595	DS 9314SSX	SSX	M	Yellow	114
	DS 9713SSX	SSX	M	Yellow	115
Wyffels Hybrids	W7696RIB	GENVT2P	M	Yellow	113
Mitch Heisler	W7888RIB	GENSS	M	Yellow	114
13344 US Hwy 6	W8268	GENSS	L	Yellow	116
Geneseo, IL 61234	W8918	GENSS	L	Yellow	116
mheisler@wyffels.com					
309-945-7032					

¹Trait:

3110, 3111, 3122: Syngenta 3000 GT (Triple)
AM: AcreMax = YieldGard corn borer resistance, Herculex corn rootworm resistance, Liberty Link glufosinate tolerance, glyphosate tolerance, 5% refuge in a bag
ART: Artesian
BT: corn borer resistance
BTCB: corn borer resistance
BTRW: corn rootworm resistance
CB: corn borer resistance
CL: Clearfield Corn imidazolinone tolerance
Conv: Conventional, No GMO Traits
DG: DroughtGard
GENVT3P: Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance, corn rootworm resistance
GT3000: AgriSure glyphosate tolerance, AgriSure corn borer resistance and AgriSure corn rootworm resistance
GT: AgriSure glyphosate tolerance
HX&HX1: Herculex corn rootworm resistance
HXT: Herculex glufosinate tolerance, corn borer resistance, corn rootworm resistance, cutworm tolerance
IT: Clearfield imidazolinone tolerance
LL: Liberty Link glufosinate tolerance
OPTIMUM INTRASECT: YGCB, HX1, LL, RR2
RHX: Liberty Link glufosinate tolerance, Roundup Ready glyphosate tolerance, Herculex corn borer resistance, Herculex corn rootworm resistance, Herculex cutworm tolerance
RIB: Refuge in a Bag
RR: Roundup Ready Corn glyphosate tolerance
RR2: Roundup Ready Corn 2 glyphosate tolerance
Smart Stax (SS, STX, or SSX): Roundup Ready glyphosate tolerance, Liberty Link glufosinate tolerance, YieldGard corn borer resistance, Herculex corn rootworm resistance, Herculex corn borer resistance, YieldGard corn rootworm resistance, Herculex cutworm tolerance
TS: Roundup Ready glyphosate tolerance, YieldGard corn borer resistance, YieldGard corn rootworm resistance
YG: YieldGard corn borer resistance
YGBT: YieldGard corn borer resistance
YGCB: YieldGard corn borer resistance
YGRW: YieldGard corn rootworm resistance
YHR: YieldGard corn borer resistance, Herculex corn rootworm resistance, Liberty Link glufosinate tolerance, glyphosate tolerance
VIP: Agrisure Viptera
VT3: Roundup Ready glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard corn rootworm resistance
VT3P: Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance
VT3PRO: Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance
VT3PRORIBC: Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance, Refuge in a Bag
VT2PRO: Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance
VT2PRORIBC: Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance, Refuge in a Bag
RA: Refuge Advanced
RW: corn rootworm resistance
²Test: E = Early, M = Medium, L = Late, W = White
³CRM: Cumulative Relative Maturity
 ™ = Trade Mark

Table 2E. Early Hybrid¹ Corn Test—State Summary.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Seed Consultants SCS 1125YHR™	219.4			61.8	17.6	96	0
Pioneer P1197AM	216.9	235.8	233.3	63.2	16.9	90	0
Beck 6158AM™™ Brand	212.2	238.0		62.6	15.8	92	0
STEYER 11104 VT2PRORIBC	211.4			61.7	16.2	91	1
Hoegemeyer HPT 8153 AM	211.4			62.3	15.8	91	0
Seed Consultants SCS 1105YHR™	208.1	232.3		62.5	15.5	90	0
Stewart 10SS457	206.7			63.5	17.2	95	0
Seed Consultants SC 11AQ17™	206.6			62.3	17.3	96	0
Seed Consultants SCS 1086YHR™	206.4			62.2	16.3	93	0
Armor 0909	206.2			61.4	16.6	94	0
Pioneer P0843AM	204.8	225.6		62.8	16.4	94	0
NK Syngenta N66V-3000GT	204.3			61.9	17.1	88	1
Augusta 1108	204.2			61.0	16.6	93	0
AgVenture RL7844AM	202.1			62.4	17.1	94	0
Pfister 70A1SSR	201.1			59.4	17.1	94	0
Seed Consultants SC 10AGT96™	200.9			60.4	16.2	97	0
REV® 18BHR84™	200.9	225.9	220.0	62.1	16.9	91	0
AgriGold A6441VT2RIB	200.4			62.2	17.3	92	0
Beck 5828AM™™ Brand	198.4	220.7	217.3	62.5	16.7	92	0
Pfister 71C1SSR	198.3			60.7	17.1	92	0
NK Syngenta N60F-3111	198.2			61.3	16.3	92	0
Caverndale CF 793 VIP3110	198.1			63.7	18.0	92	0
Brodbeck 57RA10	198.1			59.6	17.3	84	0
Warren Seed DS 9110SSX	198.0			59.2	16.8	89	1
AgriGold A6442VT2RIB	197.8	222.7		62.3	16.3	94	0
T.A. Seeds TA583-22DPRIB	197.5		195.0	61.4	15.2	89	0
AgriGold A6472VT2RIB	197.1	219.4	212.5	63.3	17.8	87	0
PROGENY PGY6110VT2P	195.8			61.9	16.4	90	0
FS InVISION FS 61SV1 RIB	195.2			62.4	16.7	90	0
Augusta 4959	194.5	221.2		62.5	17.1	84	1
DEKALB DKC60-69RIB Brand Blend	194.3			62.4	16.3	87	0
CHANNEL 210-26VT2PRIB	194.2			61.1	17.7	93	0
Caverndale CF 818 3000GT	193.5			62.1	17.2	90	0
LG Seeds LG5607VT2RIB	193.2	215.9	211.5	62.5	16.3	90	0
NK Syngenta N59B-3122A	193.1	219.6		62.6	17.7	97	1
AgriGold A6462VT2RIB	193.0			62.5	16.7	92	1
LG Seeds LG5554-3111	192.8			61.1	16.3	93	0
Warren Seed DS 9610	192.0	215.0	209.2	61.9	16.2	89	0
AgriGold A6424-3111	191.2			61.2	16.4	92	0
Armor AXC6111	190.4			62.0	16.3	87	0
Great Lakes 6185STXRIB	189.7	217.3		61.9	17.3	90	0
Pfister 67A1	188.3			61.6	16.1	89	1
LG Seeds LG5548STXRIB	183.1			61.4	17.4	88	0
Great Lakes 5944STXRIB	179.6	209.0		61.4	16.9	74	0
Beck 6076V2P	175.8			63.4	15.8	86	0
Average	198.6	222.8	214.1	61.9	16.7	91	0
C.V.	11.3	9.1	8.6	1.5	4.1	12	243
LSD	17.4	25.7	19.8	0.7	0.5	9	1

¹ Early varieties: <112 days to maturity

Shaded cells are not significantly different from top yield (0.10)

Table 2M. Medium Hybrid¹ Corn Test—State Summary.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16						2016	15-16	14-16				
AgriGold A6499STXRIB	213.8	236.5	226.3	63.4	17.6	93	0	PROGENY PGY5115VT2P	193.0	216.4		61.6	16.5	96	1
Beck 6365AM™™ Brand	208.7	239.7		61.5	17.4	94	0	Augusta 1564	192.4			59.3	17.1	94	0
Stewart 8E663RIB	207.9	233.4	224.9	63.2	16.6	94	1	Pfister 73A2SSR	192.3			61.6	17.6	91	0
REV® 23BHR55™	207.1	236.7	230.4	62.1	17.0	95	0	Pfister 3366RASS	192.3	223.3		60.4	17.3	91	0
AgVenture RL8430AM	206.4			61.6	17.4	94	0	FS InVISION FS 63ZV1 RIB	192.1			64.5	16.7	92	0
Hoegemeyer HPT 8294 AM	206.0			61.5	17.3	94	0	Warren Seed DS 9513SSX	191.5	223.1	215.6	60.2	18.1	91	0
LG Seeds LG5650VT2Pro	205.2			64.4	17.3	92	0	Caverndale CF842 GTCBLL	191.4			59.2	17.2	94	0
AgriGold A6544VT2PRO	204.8			61.8	18.1	91	0	Seed Consultants SCS 1136YHR™	191.4			63.9	17.8	94	0
LG Seeds LG5643VT2RIB	203.8			61.7	17.5	89	1	REV® 22BHR43™	191.3	217.8	212.0	63.4	17.4	90	0
Pioneer P1316AM	202.2			63.2	17.7	88	0	STEYER 11306VT2PRORIBC	191.2			61.7	16.3	94	0
DEKALB DKC64-35RIB Brand Blend	200.8			63.2	17.6	86	0	Brodbeck 57RA14	191.1			61.7	17.4	96	0
T.A. Seeds TA736-22DPRIB	200.6			63.2	16.7	94	0	Armor AXT6113	190.9			60.6	17.4	90	0
AgriGold A6572VT2PRO	199.9			64.4	17.2	91	0	STEYER 11408VT2PRORIBC	190.7			62.6	18.0	88	0
Pioneer P1311AM	199.6			61.2	17.5	92	0	AgriGold A6579STX	190.4	223.2		62.4	17.6	94	1
PROGENY PGY4114VT2P	199.5	228.1	226.1	63.4	16.8	87	1	Great Lakes 6462STXRIB	190.1	220.9	214.2	63.5	17.6	94	0
Stewart 8E753RIB	199.4	232.4	222.1	64.0	17.3	97	1	DEKALB DKC62-78RIB Brand Blend	190.1	215.9		61.8	16.4	91	0
REV® 24BHR93™	199.2	227.3	225.3	63.1	17.4	86	0	Hoegemeyer HPT 8239 AM	189.8			64.0	17.6	88	0
Stewart 8A625	198.0			61.7	18.1	97	0	Warren Seed DS 9913SSX	189.5			61.4	17.5	91	0
Beck 6225HR™™ Brand	197.6			63.8	17.9	95	1	LG Seeds LG5663VT2RIB	189.2	219.0		62.6	18.1	90	0
T.A. Seeds TA765-30	197.5	236.0	225.5	63.5	18.5	95	0	Dyna-Gro D52VC91	187.7	217.4	211.3	64.4	16.3	92	0
Pfister 3488HXRR	197.1		196.2	59.2	18.7	91	0	Dyna-Gro D54DC94	187.4	221.6		60.3	18.3	86	0
Armor AXT6114	197.1			61.6	17.0	88	1	Great Lakes 6259VT2RIB	187.3			62.5	16.6	90	0
Warren Seed DS 9412SSX	196.8	221.6	211.5	60.3	17.9	93	0	DEKALB DKC63-72RIB Brand Blend	187.3			61.7	15.2	94	0
Pioneer P1257AM	196.7	222.6	214.1	62.1	16.0	94	0	Brodbeck 54RA14	186.4			60.1	17.2	89	1
T.A. Seeds TA683-13VPRIB	196.7		195.8	62.9	17.3	94	0	NK N70J-3111A	185.7	215.9		61.8	17.0	93	0
AgriGold A6619VT2RIBD1	196.7			60.6	17.7	90	1	Caverndale CF839 3000GT	185.4			60.0	18.9	87	0
STEYER 11409 VT2PRORIBC	196.2			61.3	18.1	93	0	Seed Consultants SC 11AQ15™	184.9			60.3	19.1	89	0
AUGUSTA 6664	195.7	218.9	213.2	61.4	16.6	93	0	Beck 6589V2P	184.1			62.7	18.3	82	0
Augusta 1565	195.7			60.6	17.8	93	0	Seed Consultants SC 11AGT43™	183.9	217.4	212.3	60.4	19.2	89	0
Wyffels W7888RIB	195.6	224.9	217.5	63.1	17.5	93	0	Armor 1500	183.7			62.4	18.6	80	0
NK N76A-3010	195.4	219.7		58.1	17.6	91	0	FS InVISION FS 64SX1 RIB	183.0			62.5	17.8	92	0
AgriGold A6559VT2RIB	195.4	226.0	219.7	63.6	16.8	93	0	Armor AXG6112	182.9			61.9	16.5	89	0
NK Syngenta N74R-3122-EZO	195.2			60.1	18.4	90	0	Augusta 5062	182.7			63.3	17.5	91	0
Warren Seed DS 9314SSX	195.2	219.0	213.5	60.2	17.5	95	0	Wyffels W7696RIB	181.9			61.0	16.5	93	0
LG Seeds LG5618STXRIB	195.1	222.9	213.7	63.2	17.8	90	0	DEKALB DKC62-08RIB Brand Blend	175.2	215.9	210.1	61.6	17.2	85	1
AgriGold A6517VT3PRIB	195.0	223.2	215.7	59.8	17.8	94	1	Warren Seed DS 9713SSX	170.8			59.9	16.8	94	0
STEYER 11506VT2PRORIBC	194.3			62.6	17.1	91	0	AgVenture RL8714AM	169.4			64.0	17.7	88	0
Dyna-Gro D54VC52	194.1			62.7	18.1	89	0	Average	193.3	224.1	216.0	62.0	17.4	92	0
REV® 25BHR26™	194.0	232.1		64.1	17.5	92	0	C.V.	11.4	9.3	9.2	1.3	4.5	36	253
FS InVISION FS 62TV1DG RIB	193.8			61.4	16.3	97	0	LSD	18.7	26.4	21.1	0.7	0.7	28	1
DEKALB DKC64-89RIB Brand Blend	193.7	223.3	215.8	63.0	16.7	94	0								

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)

Table 2L. Late Hybrid¹ Corn Test—State Summary.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
DEKALB DKC67-44 Brand Blend	223.8			63.2	18.1	95	0
PROGENY PGY4117VT3P	211.9			62.0	17.7	92	0
DEKALB DKC66-59RIB Brand Blend	211.4			62.3	18.0	92	0
Pioneer P1637AM	210.3	235.6	224.6	63.2	18.5	94	0
AgriGold A6659VT2RIB	209.4	232.9	221.0	62.6	18.1	93	1
NK Syngenta N83D-3000GT	208.8			61.0	21.6	92	0
Great Lakes 6686VT2PRIB	208.3			62.9	18.3	95	1
Stewart 17DP387	207.7			63.9	18.9	89	0
CHANNEL 218-44VT2PRIB	207.6			62.1	18.2	97	0
T.A. SEEDS TA767-22DPRIB	207.5			60.3	17.3	94	0
Hoegemeyer HPT 8616 AM	206.6			61.8	18.5	88	0
Pioneer P1602AM	206.3	229.5	222.1	64.7	19.0	93	0
Wyffels W8918	206.0			63.8	18.3	91	0
Stewart 16DP117	205.9			63.3	18.5	92	0
AgriGold A6652VT2PRO	205.8			60.4	17.0	97	0
DEKALB DKC68-26 Brand Blend	204.7	236.5		62.0	18.8	90	1
DEKALB DKC67-72RIB Brand Blend	204.3	222.7		61.6	18.4	92	0
Dyna-Gro D56VC46	203.7			62.2	18.6	92	0
FS InVISION FS 66ZV1 RIB	203.6			62.9	18.2	89	0
CHANNEL 216-36VT2PRIB	203.6			63.0	17.1	90	1
DEKALB DKC66-75 Brand Blend	202.8			62.9	17.5	92	0
Pioneer P2089AM	202.7	231.6	221.8	61.1	19.5	88	0
Caverndale CF 894 VT2PRO	202.0	223.8	217.6	61.4	19.5	94	0
Seed Consultants SC 11AGT74™	201.7	223.8		61.9	21.1	95	0
Augusta 7768	201.2	228.8		59.5	22.2	97	1
Seed Consultants SCS 11HR63™	199.1	229.5	219.4	62.5	17.8	92	0
Wyffels W8268	198.1			61.6	18.5	93	1
PROGENY PGY6116VT2P	197.2			61.4	19.5	89	0
DEKALB DKC67-58RIB Brand Blend	196.2	220.7	211.1	63.5	18.9	92	0
Beck 6674SX	195.6			63.7	18.3	88	0
Armor AXC6116	195.4			60.6	17.5	96	0
REV® 28HR20™	195.2	228.9	222.1	61.4	19.4	98	1
LG Seeds LG5701VT2RIB	192.9	219.3	208.9	62.7	18.6	90	0
Caverndale CF 883GTCBLL	191.6	214.7	210.3	62.0	21.6	85	0
AgVenture RL9256HB	187.5			62.9	19.0	89	0
AgriGold A6711VT2PPro	187.4	217.5		62.7	18.8	83	0
Average	202.9	226.4	217.9	62.2	18.8	92	0
C.V.	10.4	8.7	8.8	2.7	5.5	12	256
LSD	16.4	25.6	20.7	1.3	0.8	8	1

¹ Late varieties: >115 days to maturity

Shaded cells are not significantly different from top yield (0.10)

Table 2W. White Hybrid Corn Test—State Summary.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Pioneer P1306WHR	202.2			64.5	16.2	95	0
Pioneer P1477WHR	199.6	220.9		64.7	17.6	93	0
Pioneer 33G60	198.5	216.8		64.1	17.2	87	0
Pioneer 32B16	190.3	206.4		62.6	17.8	91	0
AgriGold A6507WBtRR	186.7	202.6		64.3	16.8	90	1
Average	195.5	211.7	64.1	17.1	91	0	
C.V.	10.0	8.0	0.7	4.1	8	208	
LSD	14.5	22.8	0.4	0.5	5	0	

Shaded cells are not significantly different from top yield (0.10)

Table 3E. Early Hybrid¹ Corn Test—Caldwell County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Hoegemeyer HPT 8153 AM	256.6			62.8	14.4	101	0
Seed Consultants SCS 1086YHR™	253.7			62.2	14.8	96	0
Seed Consultants SCS 1125YHR™	246.9			62.5	17.4	93	0
Pioneer P1197AM	242.5	251.8	229.5	63.5	16.2	94	0
NK Syngenta N66V-3000GT	241.8			62.7	16.7	97	0
Beck 6158AM™™ Brand	238.4	242.5		64.3	14.7	86	0
REV® 18BHR84™	231.8	232.2	212.7	63.4	15.6	101	0
Caverndale CF 793 VIP3110	230.1			65.5	17.7	88	0
Armor 0909	229.7			62.2	16.1	99	0
Pfister 70A1SSR	227.5			61.1	16.4	93	0
DEKALB DKC60-69RIB Brand Blend	225.8			64.1	16.3	93	0
Armor AXC6111	225.4			62.8	15.2	86	0
AgVenture RL7844AM	223.8			63.4	16.0	96	0
Seed Consultants SCS 1105YHR™	223.6	236.7		63.2	14.4	82	0
Augusta 4959	223.3	237.4		63.8	16.7	85	0
Seed Consultants SC 11AQ17™	223.2			64.1	17.3	92	0
AgriGold A6472VT2RIB	222.0	227.8	204.7	64.8	17.1	95	0
AgriGold A6441VT2RIB	221.7			63.1	17.3	96	0
T.A. Seeds TA583-22DPRIB	221.5		187.9	62.6	14.3	88	0
Pfister 67A1	220.9			61.9	16.3	96	0
AgriGold A6442VT2RIB	220.6	227.0		63.7	15.2	91	0
Pfister 71C1SSR	219.8			61.5	15.5	94	0
STEYER 11104 VT2PRORIBC	219.2			62.8	14.7	82	0
AgriGold A6462VT2RIB	215.9			64.8	15.9	98	0
CHANNEL 210-26VT2PRIB	215.9			62.5	17.7	90	0
Stewart 10SS457	215.8			64.8	16.5	92	0
LG Seeds LG5548STXRIB	215.0			63.6	17.2	95	0
LG Seeds LG5554-3111	214.6			62.1	15.1	90	0
Pioneer P0843AM	214.3	222.1		63.6	15.2	91	3
Great Lakes 6185STXRIB	213.4	218.3		67.1	16.8	88	0
AgriGold A6424-3111	212.5			62.0	15.6	96	0
Augusta 1108	212.4			62.0	15.6	90	0
Seed Consultants SC 10AGT96™	211.3			61.6	15.7	98	0
PROGENY PGY6110VT2P	210.9			63.2	15.8	84	0
Caverndale CF 818 3000GT	210.1			63.7	17.0	90	0
Warren Seed DS 9110SSX	209.9			60.1	16.0	90	0
FS InVISION FS 61SV1 RIB	208.7			64.5	16.5	88	0
Brodbeck 57RA10	207.7			60.0	16.3	81	0
NK Syngenta N60F-3111	206.9			63.1	15.3	93	0
Beck 6076V2P	206.5			65.0	14.1	87	0
Warren Seed DS 9610	205.5	218.4	197.7	60.9	14.5	88	0
LG Seeds LG5607VT2RIB	205.1	217.2	203.4	63.2	14.8	90	0
Beck 5828AM™™ Brand	203.5	215.9	199.0	64.5	15.9	97	0
NK Syngenta N59B-3122A	201.6	218.2		63.8	16.4	93	0
Great Lakes 5944STXRIB	198.4	209.4		62.2	16.9	75	0
Average	220.1	226.8	205.0	63.1	15.9	91	0
C.V.	8.7	8.2	8.5	1.9	3.8	10	354
LSD	36.9	24.9	20.5	2.3	1.2	17	0

¹ Early varieties: <112 days to maturity

Shaded cells are not significantly different from top yield (0.10)

Planted: April 18, 2016; Harvested: September 14, 2016

Soil type: Crider silt loam; Previous crop: soybean; Fertilizer: 160/0/0

Table 3M. Medium Hybrid¹ Corn Test—Caldwell County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16						2016	15-16	14-16				
Armor AXT6113	250.2			62.4	16.0	95	0	Dyna-Gro D54DC94	218.5	244.8		61.7	16.9	87	0
AgriGold A6499STXRIB	249.0	251.6	233.0	63.6	17.5	89	0	Caverndale CF842 GTCBLL	217.7			60.4	16.9	93	0
Pioneer P1311AM	248.4			62.3	17.3	98	0	LG Seeds LG5618STXRIB	216.3	241.4	218.2	64.5	17.2	88	0
AgriGold A6544VT2PRO	243.8			62.5	17.6	96	0	Pfister 3488HXRR	215.9		180.5	60.3	17.9	90	0
T.A. Seeds TA765-30	241.0	260.4	228.9	65.8	17.4	90	0	T.A. Seeds TA736-22DPRIB	215.5			64.1	16.5	97	0
AUGUSTA 6664	238.8	237.4	211.1	62.2	14.8	87	0	STEYER 11506VT2PRORIBC	214.3			62.8	17.4	86	0
Seed Consultants SCS 1136YHR™	238.1			65.0	17.2	96	1	Dyna-Gro D54VC52	213.1			64.4	17.5	89	0
NK Syngenta N74R-3122-EZO	233.4			61.9	17.2	93	0	REV® 24BHR93™	212.9	232.1	213.9	64.3	16.3	84	0
Beck 6225HR™™ Brand	232.8			64.9	17.9	93	0	Dyna-Gro D52VC91	212.4	234.4	216.2	65.9	14.6	93	0
STEYER 11408VT2PRORIBC	232.7			63.7	17.7	94	0	Augusta 1565	211.8			61.4	17.7	83	0
REV® 23BHR55™	232.5	270.2	230.8	62.4	16.5	96	0	STEYER 11409VT2PRORIBC	211.7			63.8	17.3	85	0
REV® 25BHR26™	231.9	257.5		65.1	16.9	95	0	AgriGold A6572VT2PRO	210.5			65.4	17.4	93	0
Beck 6365AM™™ Brand	231.7	246.4		61.7	17.2	96	0	Armor 1500	210.2			63.1	17.8	76	0
AgriGold A6579STX	231.0	248.4		63.4	17.0	95	0	STEYER 11306VT2PRORIBC	209.4			63.1	14.7	92	0
Hoegemeyer HPT 8239 AM	229.1			65.6	16.5	96	0	FS InVISION FS 64SX1 RIB	208.6			63.6	17.0	86	0
LG Seeds LG5650VT2Pro	228.3			65.7	17.0	91	0	Great Lakes 6462STXRIB	207.5	229.3	212.3	64.4	17.2	87	0
Stewart 8E663RIB	227.5	240.4	213.6	63.6	15.2	92	0	Pioneer P1257AM	207.3	236.0	211.6	62.2	15.2	91	0
Stewart 8E753RIB	226.2	249.8	215.2	65.1	16.0	93	3	DEKALB DKC62-08RIB Brand Blend	207.2	235.0	214.1	62.9	16.5	77	0
PROGENY PGY4114VT2P	225.6	243.0	216.1	64.6	15.7	91	0	Great Lakes 6259VT2RIB	207.2			63.7	14.8	90	0
LG Seeds LG5643VT2RIB	224.8			62.1	17.0	88	0	Pioneer P1316AM	207.1			66.9	17.4	79	0
AgVenture RL8430AM	224.5			62.4	16.5	84	0	DEKALB DKC62-78RIB Brand Blend	206.9	225.6		62.9	14.5	89	0
Augusta 5062	224.4			65.0	16.5	89	1	Brodbeck 54RA14	206.0			61.1	16.4	84	0
Warren Seed DS 9713SSX	224.4	244.2	216.8	61.0	17.2	91	0	DEKALB DKC64-89RIB Brand Blend	204.4	229.1	207.8	63.9	16.5	86	0
DEKALB DKC64-35RIB Brand Blend	223.8			64.4	17.5	82	0	Beck 6589V2P	202.4			63.5	17.6	81	0
Armor AXG6112	223.6			62.8	16.4	87	0	Warren Seed DS 9913SSX	201.7			62.6	16.9	90	0
AgriGold A6559VT2RIB	223.3	252.8	227.3	64.6	16.2	96	0	Seed Consultants SC 11AQ15™	199.2			62.5	17.2	78	0
Wyffels W7888RIB	221.1	239.1	216.3	64.6	16.9	93	0	PROGENY PGY5115VT2P	197.2	219.3		62.8	14.7	93	5
AgriGold A6619VT2RIBD1	220.8			62.2	16.5	98	0	DEKALB DKC63-72RIB Brand Blend	194.5			62.7	13.2	90	0
NK N76A-3010	220.7	246.5		59.2	17.7	85	0	Pfister 3366RASS	193.4	223.3		61.9	15.7	82	0
AgriGold A6517VT3PRIB	220.6	242.3	207.8	61.2	17.4	91	0	LG Seeds LG5663VT2RIB	192.1	229.7		63.4	17.6	74	0
Stewart 8A625	220.4			63.1	17.2	97	0	NK N70J-3111A	190.9	226.5		62.5	17.2	79	0
FS InVISION FS 63ZV1 RIB	220.2			65.2	16.4	91	0	Armor AXT6114	190.8			63.4	17.0	70	0
Pfister 73A2SSR	220.0			62.6	17.7	95	0	Warren Seed DS 9513SSX	181.0			61.7	14.8	70	0
Hoegemeyer HPT 8294 AM	219.5			62.0	16.9	95	0	Seed Consultants SC 11AGT43™	178.7	214.2	200.7	61.5	17.8	77	0
Warren Seed DS 9412SSX	219.3	233.2	209.4	61.1	16.8	98	0	Caverndale CF839 3000GT	175.2			60.9	17.9	77	0
REV® 22BHR43™	219.2	239.6	203.9	65.0	16.7	96	0	AgVenture RL8714AM	171.3			65.4	17.3	81	0
Wyffels W7696RIB	219.1			62.7	15.2	91	0	Average	216.6	239.3	212.3	63.2	16.7	92	0
Warren Seed DS 9314SSX	219.1	233.4	205.8	60.9	17.4	88	0	C.V.	9.6	8.2	9.0	1.5	3.9	50	362
Augusta 1564	218.9			61.2	16.7	90	0	LSD	39.8	25.5	21.5	1.9	1.2	88	1
T.A. Seeds TA683-13VPRIB	218.9		184.9	64.2	17.3	94	0								
FS InVISION FS 62TV1DG RIB	218.8			62.7	14.8	95	1								
Brodbeck 57RA14	218.7			62.8	17.4	92	0								

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 18, 2016; Harvested: September 14, 2016
 Soil type: Crider silt loam; Previous crop: soybean; Fertilizer: 160/0/0

Table 3L. Late Hybrid¹ Corn Test—Caldwell County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
CHANNEL 216-36VT2PRIB	261.2			64.1	15.9	89	0
DEKALB DKC67-44 Brand Blend	243.5			63.6	18.3	96	0
DEKALB DKC68-26 Brand Blend	229.7	250.0		62.5	18.5	88	0
Pioneer P1637AM	227.3	253.0	215.3	63.8	18.3	95	0
CHANNEL 218-44VT2PRIB	223.9			62.6	17.7	94	0
Pioneer P1602AM	223.2	244.7	218.3	65.8	17.5	93	0
Beck 6674SX	221.1			64.5	18.4	92	0
Seed Consultants SCS 11HR63™	220.6	261.8	221.7	62.6	17.4	94	0
Dyna-Gro D56VC46	218.9			63.4	18.7	90	0
Augusta 7768	217.6	240.1		60.9	20.2	91	0
Stewart 16DP117	217.5			63.7	18.0	91	1
Caverndale CF 894 VT2PRO	217.4	240.9	214.8	62.6	18.7	91	0
LG Seeds LG5701VT2RIB	215.6	240.9	201.9	63.6	18.3	88	1
Wyffels W8918	215.2			64.7	18.1	96	0
AgriGold A6652VT2PRO	214.3			61.5	16.5	96	1
DEKALB DKC66-59RIB Brand Blend	212.5			63.1	17.9	78	1
REV® 28HR20™	212.1	247.6	215.4	63.8	18.4	98	0
DEKALB DKC66-75 Brand Blend	209.6			63.3	17.5	86	0
T.A. SEEDS TA767-22DPRIB	208.8			61.3	16.6	95	1
Hoegemeyer HPT 8616 AM	207.0			62.4	18.1	74	0
AgriGold A6659VT2RIB	206.5	245.9	218.5	63.7	18.0	76	0
AgVenture RL9256HB	205.6			64.0	18.2	81	0
DEKALB DKC67-58RIB Brand Blend	204.8	233.4	201.2	65.2	18.3	95	0
Great Lakes 6686VT2PRIB	201.9			63.5	18.1	81	0
Armor AXC6116	199.1			61.4	16.7	86	0
Stewart 17DP387	194.5			65.0	19.3	78	0
Pioneer P2089AM	193.4	235.4	217.8	61.1	18.5	77	1
PROGENY PGY4117VT3P	191.9			62.9	18.0	79	0
PROGENY PGY6116VT2P	190.0			62.6	18.8	70	0
AgriGold A6711VT2PRo	189.1	225.1		63.8	17.3	78	1
Caverndale CF 883GTCBLL	188.4	227.8	209.1	63.0	20.1	76	0
Wyffels W8268	184.1			62.4	17.6	77	0
Seed Consultants SC 11AGT74™	183.6	223.1		63.2	20.0	78	0
DEKALB DKC67-72RIB Brand Blend	178.5	218.7		63.9	18.3	62	0
FS InVISION FS 66ZV1 RIB	174.3			63.3	18.4	68	0
NK Syngenta N83D-3000GT	173.6			62.4	20.3	62	0
Average	206.1	239.2	213.4	63.2	18.3	84	0
C.V.	13.2	9.7	10.0	1.3	1.8	17	249
LSD	52.8	29.8	23.7	1.6	0.6	28	1

¹ Late varieties: >115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 18, 2016; Harvested: September 13, 2016
 Soil type: Crider silt loam; Previous crop: soybean; Fertilizer: 160/0/0

Table 3W. White Hybrid Corn Test—Caldwell County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Pioneer P1306WHR	198.3			65.6	15.8	86	0
Pioneer P1477WHR	198.0	231.7	199.9	65.0	18.3	75	0
AgriGold A6507WBtRR	172.4	206.8	178.9	64.4	18.2	69	0
Pioneer 33G60	170.6	216.6	182.4	63.5	18.4	65	0
Pioneer 32B16	161.8	207.3	172.7	62.3	18.2	68	1
Average	180.2	215.6	183.5	64.2	17.8	73	0
C.V.	8.1	6.2	9.2	0.8	6.4	9	193
LSD	34.6	19.1	19.5	1.2	2.7	15	1

Shaded cells are not significantly different from top yield (0.10)
 Planted: April 18, 2016; Harvested: September 13, 2016
 Soil type: Crider silt loam; Previous crop: soybean; Fertilizer: 160/0/0

Table 4. Weather Data—Caldwell County.

Monthly Precipitation (in)	Temperature			
	Average	Highest	Lowest	
March	7.4	52.2	62.4	42.1
April	4.3	57.9	69.6	46.2
May	6.21	63.5	73.5	53.5
June	2.18	76.4	87.3	65.5
July	13.62	79.2	87.9	70.4
August	5.31	78.1	85.9	70.4
September	1.15	73.2	84.7	61.6

Table 5W. White Hybrid Corn Test—Christian County (Irrigated).

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Pioneer 33G60	225.7	243.7	220.3	65.6	14.3	92	0
Pioneer 32B16	225.3	233.3	227.5	64.5	15.3	98	0
Pioneer P1306WHR	213.3			65.9	12.8	85	0
Pioneer P1477WHR	207.2	242.6	233.0	66.5	13.8	93	0
AgriGold A6507WBtRR	203.0	226.6	226.3	65.9	13.5	94	0
Average	214.9	236.6	226.8	65.7	13.9	92	0
C.V.	10.2	8.2	8.6	0.5	2.0	11	387
LSD	51.7	27.9	22.4	0.7	0.6	25	0

Shaded cells are not significantly different from top yield (0.10)
 Planted: April 13, 2016; Harvested: September 15, 2016
 Soil type: Nicholson silt loam; Previous crop: soybean; Fertilizer: 230/72/74

Table 6. Weather Data—Christian County (Irrigated).

Monthly Precipitation (in)	Irrigated	Temperature			
		Average	Highest	Lowest	
March	6.44	0	46.8	57.3	36.3
April	6.66	0	59.8	69.8	49.8
May	5.81	0	67.6	77.1	58
June	2.67	1	75.1	84.2	66
July	10.29	1.5	78.1	86.6	69.6
August	3.55	0.5	73.2	82.6	63.8
September	1.54	0	71	81.8	60.1

Table 7E. Early Hybrid¹ Corn Test—Fayette County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
DEKALB DKC60-69RIB Brand Blend	221.3			62.9	12.7	97	0
AgriGold A6441VT2RIB	217.6			63.0	13.1	100	0
Great Lakes 6185STXRIB	215.1	222.6		62.2	13.6	103	7
Pioneer P1197AM	215.0	224.2	220.1	62.6	13.8	93	0
Warren Seed DS 9110SSX	214.7			59.1	13.3	100	8
Beck 6076V2P	214.5			63.1	12.8	95	1
FS InVISION FS 61SV1 RIB	214.2			61.7	13.7	98	0
Armor 0909	211.7			61.6	13.3	103	1
AgriGold A6424-3111	211.4			60.6	14.8	99	0
Beck 6158AM™™ Brand	210.4	229.0		62.1	13.0	98	1
CHANNEL 210-26VT2PRIB	209.1			62.3	14.7	94	0
Great Lakes 5944STXRIB	208.8	206.5		60.9	14.1	92	0
Hoegemeyer HPT 8153 AM	208.6			61.9	13.3	99	0
AgriGold A6442VT2RIB	206.8	208.5		63.2	12.9	105	1
Augusta 1108	206.7			61.2	13.5	97	3
STEYER 11104 VT2PRORIBC	206.0			61.1	13.0	96	1
Seed Consultants SCS 1086YHR™	205.7			61.7	13.5	98	1
REV® 18BHR84™	205.0	228.7	217.3	61.4	13.9	96	0
Warren Seed DS 9610	204.9	220.1	211.8	61.3	13.4	98	0
Seed Consultants SCS 1105YHR™	204.1	221.6		63.2	13.5	98	0
LG Seeds LG5607VT2RIB	204.0	224.6	207.4	62.3	13.8	100	1
Seed Consultants SCS 1125YHR™	203.9			60.9	13.8	100	3
T.A. Seeds TA583-22DPRIB	203.9		187.4	61.8	12.5	100	1
Caverndale CF 793 VIP3110	202.6			63.3	15.2	100	3
AgriGold A6472VT2RIB	202.5	211.3	198.8	63.3	13.9	100	1
Pioneer P0843AM	202.2	219.1		62.2	13.7	99	0
Armor AXC6111	201.9			62.2	12.3	100	3
NK Syngenta N60F-3111	201.7			61.7	13.6	95	0
Pfister 70A1SSR	201.6			59.6	13.6	97	3
Stewart 10SS457	200.8			63.2	14.8	103	0
NK Syngenta N66V-3000GT	199.4			62.1	13.5	98	11
Seed Consultants SC 11AQ17™	199.1			62.7	15.6	99	0
Caverndale CF 818 3000GT	199.1			62.4	14.7	99	1
Augusta 4959	198.8	215.3		62.4	13.9	94	5
AgVenture RL7844AM	198.8			61.4	13.7	100	3
Brodbeck 57RA10	198.4			59.9	13.4	94	0
PROGENY PGY6110VT2P	198.3			61.9	13.1	92	1
NK Syngenta N59B-3122A	197.5	208.0		63.2	14.7	99	4
LG Seeds LG5548STXRIB	196.0			60.9	14.2	97	4
Seed Consultants SC 10AGT96™	195.7			60.3	12.9	98	3
LG Seeds LG5554-3111	195.3			61.5	13.2	100	0
AgriGold A6462VT2RIB	191.8			62.3	13.6	101	5
Pfister 71C1SSR	191.5			61.4	14.5	94	5
Beck 5828AM™™ Brand	184.8	204.6	203.9	61.7	13.4	96	4
Pfister 67A1	182.1			61.1	13.0	93	7
Average	203.6	217.4	206.7	61.8	13.6	98	1
C.V.	6.9	8.3	7.8	1.6	5.0	5	153
LSD	27.1	23.7	17.9	1.9	1.3	9	5

¹ Early varieties: <112 days to maturity

Shaded cells are not significantly different from top yield (0.10)

Planted: April 20, 2016; Harvested: September 20, 2016

Soil type: Lanton silt loam; Previous crop: soybean; Fertilizer: 160/0/0

Table 7M. Medium Hybrid¹ Corn Test—Fayette County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16						2016	15-16	14-16				
Stewart 8E663RIB	208.5	238.9	221.9	63.8	13.5	99	1	Armor 1500	190.7			63.0	16.0	91	0
LG Seeds LG5618STXRIB	208.3	239.2	222.6	64.2	13.9	99	0	FS InVISION FS 63ZV1 RIB	190.4			64.9	13.1	99	1
Brodbeck 54RA14	207.2			61.1	13.3	99	0	STEYER 11306VT2PRORIBC	190.3			62.3	13.7	96	1
AgriGold A6499STXRIB	207.1	233.6	216.9	64.0	15.0	100	0	AgriGold A6619VT2RIBD1	189.9			61.2	15.3	100	1
AgriGold A6544VT2PRO	207.0			62.1	16.1	99	0	Pfister 73A2SSR	189.7			62.5	14.5	95	1
LG Seeds LG5650VT2Pro	205.9			64.0	14.2	97	1	Seed Consultants SC 11AQ15™	189.4			61.9	17.4	96	3
REV® 24BHR93™	205.8	224.3	214.5	64.5	14.7	95	3	FS InVISION FS 62TV1DG RIB	188.5			62.0	13.5	102	0
PROGENY PGY4114VT2P	205.7	226.4	214.0	64.0	12.9	98	0	Warren Seed DS 9913SSX	187.7			62.4	13.8	101	0
Warren Seed DS 9412SSX	205.6	228.2	217.7	60.8	13.8	99	0	NK Syngenta N74R-3122-EZO	187.5			61.8	17.3	96	0
AgriGold A6572VT2PRO	202.1			64.0	13.4	98	1	Beck 6365AM™™ Brand	187.5	206.4		61.8	13.3	99	0
Pfister 3366RASS	202.0	231.5		60.8	13.6	101	0	STEYER 11408VT2PRORIBC	187.4			63.5	14.9	101	0
REV® 22BHR43™	201.7	216.6	200.1	63.8	13.9	99	0	STEYER 11506VT2PRORIBC	185.3			61.6	16.4	99	0
AgriGold A6559VT2RIB	200.0	221.1	212.4	64.2	13.0	100	0	Armor AXT6114	185.1			62.7	13.9	97	5
Pioneer P1316AM	199.3			62.5	15.1	94	0	Seed Consultants SC 11AGT43™	185.1	209.7	200.2	61.5	16.5	98	1
DEKALB DKC64-89RIB Brand Blend	198.8	229.2	214.1	62.8	13.0	98	0	DEKALB DKC62-78RIB Brand Blend	184.8	213.2		61.3	13.7	100	0
PROGENY PGY5115VT2P	198.7	223.2		62.9	14.2	100	3	Armor AXG6112	184.8			62.9	13.7	96	0
DEKALB DKC64-35RIB Brand Blend	197.8			63.4	13.6	99	0	Stewart 8A625	183.4			63.0	13.3	100	0
Hoegemeyer HPT 8239 AM	197.4			65.7	13.4	101	0	Pioneer P1311AM	182.2			61.3	13.8	99	0
AUGUSTA 6664	197.3	215.8	203.8	63.1	13.9	100	4	Wyffels W7888RIB	181.0	219.8	207.3	63.1	13.9	98	0
Brodbeck 57RA14	197.1			62.7	13.9	102	0	Pfister 3488HXRR	180.6	182.5		60.1	17.0	95	0
DEKALB DKC63-72RIB Brand Blend	197.0			62.5	12.9	98	0	Augusta 5062	178.1			63.5	14.0	96	3
Beck 6589V2P	196.4			63.5	16.0	93	3	Augusta 1565	175.5			60.6	15.5	91	0
Dyna-Gro D54DC94	196.4	214.9		61.3	16.8	100	0	REV® 23BHR55™	175.4	220.8	215.0	61.9	12.9	99	0
NK N70J-3111A	196.2	216.0		61.8	14.2	98	0	FS InVISION FS 64SX1 RIB	175.1			63.0	15.5	94	3
T.A. Seeds TA683-13VPRIB	195.6		180.0	63.2	13.8	99	0	Pioneer P1257AM	174.2	193.8	188.8	61.5	13.2	99	0
LG Seeds LG5643VT2RIB	195.4			62.5	15.0	95	0	AgriGold A6579STX	173.9	207.3		62.9	14.7	100	3
AgriGold A6517VT3PRIB	195.2	208.1	196.0	60.1	14.9	97	1	REV® 25BHR26™	173.7	209.9		64.5	14.6	98	1
NK N76A-3010	195.1	205.4		58.5	14.0	100	3	Warren Seed DS 9314SSX	173.6	203.4	194.7	61.0	14.4	101	0
T.A. Seeds TA736-22DPRIB	194.1			63.6	12.6	97	0	T.A. Seeds TA765-30	172.9	210.0	199.9	64.8	15.7	97	1
STEYER 11409 VT2PRORIBC	193.7			63.0	13.3	99	1	AgVenture RL8714AM	171.6			64.2	14.1	98	1
Beck 6225HR™™ Brand	193.6			64.4	14.9	99	5	Caverndale CF839 3000GT	170.0			61.3	14.9	98	0
Great Lakes 6462STXRIB	193.2	215.3	204.2	63.3	13.7	98	0	Armor AXT6113	168.8			60.9	15.4	94	0
Dyna-Gro D54VC52	193.1			64.1	15.6	98	0	DEKALB DKC62-08RIB Brand Blend	167.7	214.9	210.0	62.3	13.5	94	7
Warren Seed DS 9713SSX	193.0	213.4	201.0	60.2	17.2	95	0	Seed Consultants SCS 1136YHR™	166.7			64.0	15.0	99	0
Hoegemeyer HPT 8294 AM	192.9			62.4	13.8	100	0	Caverndale CF842 GTCBLL	165.6			59.4	13.2	100	0
LG Seeds LG5663VT2RIB	192.9	215.4		63.3	14.6	98	1	Wyffels W7696RIB	161.6			61.2	12.4	96	0
Warren Seed DS 9513SSX	192.8			60.9	14.0	94	0	Average	189.9	218.1	205.8	62.5	14.4	98	0
Great Lakes 6259VT2RIB	192.7			61.9	14.4	101	1	C.V.	10.4	10.4	9.8	1.3	7.9	4	218
Augusta 1564	192.6			59.7	14.8	101	1	LSD	37.8	28.8	21.7	1.5	2.2	8	3
AgVenture RL8430AM	191.6			61.8	14.2	100	1								
Stewart 8E753RIB	191.3	230.5	214.7	64.5	15.4	97	0								
Dyna-Gro D52VC91	190.8	222.4	206.0	63.6	13.6	100	0								

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 20, 2016; Harvested: September 21, 2016
 Soil type: Lanton silt loam; Previous crop: soybean; Fertilizer: 160/0/0

Table 7L. Late Hybrid¹ Corn Test—Fayette County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
PROGENY PGY4117VT3P	213.2			61.8	15.2	98	3
CHANNEL 216-36VT2PRIB	204.9			63.0	14.2	99	1
NK Syngenta N83D-3000GT	200.1			61.8	18.5	99	0
Caverndale CF 894 VT2PRO	192.5	211.4	204.0	61.8	17.7	101	0
DEKALB DKC68-26 Brand Blend	192.3	227.9		62.0	18.1	99	1
Stewart 17DP387	191.6			64.1	17.0	96	0
DEKALB DKC67-44 Brand Blend	191.3			62.7	16.2	99	1
Great Lakes 6686VT2PRIB	189.5			62.7	16.2	99	0
Pioneer P1637AM	189.1	227.9	207.7	64.0	15.6	94	0
Wyffels W8918	188.5			63.6	16.7	90	0
Pioneer P1602AM	187.5	214.1	207.9	65.5	15.1	96	0
FS InVISION FS 66ZV1 RIB	187.3			62.7	16.7	95	0
T.A. SEEDS TA767-22DPRIB	186.9			60.6	14.7	99	0
Stewart 16DP117	185.0			63.4	16.7	102	0
DEKALB DKC67-72RIB Brand Blend	184.8	217.6		62.3	16.2	99	1
REV® 28HR20™	184.8	215.6	201.8	51.5	17.6	99	0
Seed Consultants SCS 11HR63™	184.4	215.5	210.1	62.3	15.5	99	0
Beck 6674SX	183.8			63.9	16.5	101	0
PROGENY PGY6116VT2P	183.7			61.9	16.5	98	0
DEKALB DKC66-75 Brand Blend	182.9			62.5	15.4	101	0
Dyna-Gro D56VC46	182.1			61.8	17.7	96	0
Caverndale CF 883GTCBLL	182.0	203.3	197.3	62.8	18.5	95	0
Wyffels W8268	181.7			61.2	17.2	100	1
CHANNEL 218-44VT2PRIB	179.7			62.2	15.3	103	0
DEKALB DKC66-59RIB Brand Blend	177.9			61.8	17.2	100	0
AgriGold A6652VT2PRO	175.7			60.0	15.2	98	0
AgriGold A6659VT2RIB	173.8	213.4	204.4	62.3	16.1	100	1
Armor AXC6116	173.1			60.2	16.5	99	0
LG Seeds LG5701VT2RIB	173.1	214.8	206.3	61.7	18.0	97	0
Pioneer P2089AM	171.9	220.5	202.7	61.4	17.7	81	1
DEKALB DKC67-58RIB Brand Blend	171.6	212.3	201.9	63.8	18.1	82	3
Hoegemeyer HPT 8616 AM	169.7			61.8	16.3	82	1
Seed Consultants SC 11AGT74™	169.4	200.5		63.2	16.8	100	0
AgriGold A6711VT2PPro	166.0	195.3		61.9	16.9	82	0
Augusta 7768	158.3	200.6		59.3	20.8	97	1
AqVenture RL9256HB	143.2			61.5	16.4	82	0
Average	181.4	212.7	204.4	61.9	16.8	96	0
C.V.	10.3	10.2	9.7	6.1	9.3	12	274
LSD	36.2	27.8	21.3	7.3	3.0	22	1

¹ Late varieties: >115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 20, 2016; Harvested: September 20, 2016
 Soil type: Lanton silt loam; Previous crop: soybean; Fertilizer: 160/0/0

Table 7W. White Hybrid Corn Test—Fayette County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Pioneer P1477WHR	189.0	196.3	188.4	64.6	15.8	98	0
Pioneer P1306WHR	183.7			64.4	14.2	97	0
Pioneer 33G60	176.0	184.9	182.3	62.9	14.3	99	0
AgriGold A6507WBtRR	171.2	180.2	180.0	64.0	14.7	94	1
Pioneer 32B16	170.8	180.4	183.9	62.8	15.4	100	0
Average	178.1	185.4	183.6	63.7	14.9	97	0
C.V.	13.2	11.9	10.4	0.8	5.8	8	190
LSD	55.7	33.4	22.2	1.2	2.1	17	2

Shaded cells are not significantly different from top yield (0.10)
 Planted: April 20, 2016; Harvested: September 19, 2016
 Soil type: Lanton silt loam; Previous crop: soybean; Fertilizer: 160/0/0

Table 8. Weather Data—Fayette County.

Monthly Precipitation (in)	Temperature			
	Average	Highest	Lowest	
March	6.32	43.9	53	34.8
April	10.43	56.5	65.9	47.1
May	2.15	67.4	77.3	57.5
June	6.55	73	81.4	64.6
July	9.58	75.1	82.8	67.5
August	2.24	72.2	81.1	63.4
September	3.54	70	79.8	60.2

Table 9E. Early Hybrid¹ Corn Test—Fulton County (Irrigated).

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Seed Consultants SCS 1125YHR™	284.5			61.9	18.3	101	0
Brodbeck 57RA10	266.8			61.1	17.6	102	0
Augusta 1108	261.9			61.7	16.7	94	0
Seed Consultants SCS 1105YHR™	252.6	268.6		62.2	16.1	96	0
T.A. Seeds TA583-22DPRIB	252.3	236.9		60.2	14.5	97	0
Pioneer P1197AM	241.7	262.0	254.4	63.1	17.4	94	0
Pioneer P0843AM	241.7	258.7		62.8	16.5	101	0
Stewart 10SS457	240.3			64.0	17.0	100	0
AgVenture RL7844AM	239.7			62.1	18.1	90	0
Warren Seed DS 9610	239.3	256.7	239.2	63.2	17.8	100	0
Seed Consultants SC 11AQ17™	238.5			62.5	18.3	99	0
Seed Consultants SC 10AGT96™	237.5			59.8	16.3	108	0
Caverndale CF 793 VIP3110	235.5			62.8	18.5	99	0
PROGENY PGY6110VT2P	234.9			62.1	17.1	96	0
Beck 5828AM™™ Brand	233.8	255.7	248.9	61.9	16.8	96	0
STEYER 11104 VT2PRORIBC	232.3			61.0	17.3	93	0
Hoegemeyer HPT 8153 AM	230.8			62.3	16.3	92	0
Augusta 4959	230.0	261.7		63.2	17.9	94	1
AgriGold A6462VT2RIB	229.3			62.1	17.0	98	0
Beck 6158AM™™ Brand	228.9	256.5		62.4	16.3	91	0
Armor 0909	222.8			61.3	17.2	87	0
AgriGold A6472VT2RIB	221.9	244.7	235.3	63.4	18.0	89	0
Seed Consultants SCS 1086YHR™	221.7			61.8	16.8	93	0
Warren Seed DS 9110SSX	221.3			61.0	17.7	95	0
LG Seeds LG5554-3111	220.9			61.3	16.3	98	0
NK Syngenta N59B-3122A	220.7	243.4		63.0	18.1	98	0
NK Syngenta N60F-3111	218.2			60.2	16.5	101	0
LG Seeds LG5607VT2RIB	217.9	245.9	234.8	63.1	17.1	82	0
NK Syngenta N66V-3000GT	216.2			62.6	17.8	87	0
Pfister 71C1SSR	214.8			60.8	18.9	82	0
FS InVISION FS 61SV1 RIB	208.3			61.3	16.3	92	0
Pfister 70A1SSR	207.2			59.9	17.2	97	0
DEKALB DKC60-69RIB Brand Blend	204.8			61.3	16.3	90	0
REV® 18BHR84™	197.4	240.4	238.7	61.7	17.9	86	0
AgriGold A6442VT2RIB	196.3	229.4		61.0	16.3	91	0
Pfister 67A1	196.2			62.7	17.1	82	0
CHANNEL 210-26VT2PRIB	195.4			62.5	18.0	90	0
Caverndale CF 818 3000GT	193.6			61.5	18.4	82	0
AgriGold A6441VT2RIB	190.8			60.6	16.7	90	0
LG Seeds LG5548STXRIB	190.6			61.1	16.8	77	0
Armor AXC6111	179.2			61.5	16.9	82	0
AgriGold A6424-3111	174.2			60.6	15.5	86	0
Great Lakes 6185STXRIB	173.4	210.5		60.1	16.8	90	0
Great Lakes 5944STXRIB	171.4	218.1		61.0	16.5	67	0
Beck 6076V2P	151.7			63.2	16.8	76	0
Average	219.5	246.6	241.2	61.8	17.1	92	0
C.V.	13.9	9.8	8.9	1.1	4.0	14	368
LSD	59.2	31.1	22.8	1.4	1.3	24	0

¹ Early varieties: <112 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 8, 2016; Harvested: September 2, 2016
 Soil type: Ware silt loam; Previous crop: soybean; Fertilizer: 200/23/36

Table 10. Weather Data—Fulton County (Irrigated).

Monthly Precipitation (in)	Irrigated	Temperature			
		Average	Highest	Lowest	
March	7.64	0	45.8	56.2	35.5
April	5.97	0	61.1	70.3	51.9
May	4.33	1	68.2	77.5	58.9
June	1.14	2	78.4	87.2	69.6
July	5.14	2	80.2	88.1	72.2
August	3.89	1	74.3	84.3	64.3
September	1.42	0	71.2	83.1	59.3

Table 9L. Late Hybrid¹ Corn Test—Fulton County (Irrigated).

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
NK Syngenta N83D-3000GT	259.2			60.7	20.8	104	0
T.A. SEEDS TA767-22DPRIB	250.7			60.8	17.6	98	0
Pioneer P1637AM	242.2	270.0	261.6	63.7	18.5	94	0
Great Lakes 6686VT2PRIB	241.7			63.4	18.6	103	0
Pioneer P1602AM	241.2	264.3	256.3	65.6	18.5	106	0
DEKALB DKC66-59RIB Brand Blend	240.3			63.0	18.1	95	0
PROGENY PGY4117VT3P	240.3			62.5	18.3	98	0
PROGENY PGY6116VT2P	236.8			62.5	18.4	98	0
Seed Consultants SC 11AGT74™	236.7	247.3		61.6	20.2	103	0
DEKALB DKC67-44 Brand Blend	236.7			63.8	18.1	106	0
Stewart 16DP117	235.4			64.4	18.6	98	0
Stewart 17DP387	234.1			65.1	18.1	94	0
AgriGold A6659VT2RIB	233.1	260.5	235.6	62.8	18.6	97	0
FS InVISION FS 66ZV1 RIB	233.0			63.5	18.2	98	0
CHANNEL 218-44VT2PRIB	232.1			63.2	17.7	102	0
DEKALB DKC67-72RIB Brand Blend	230.5	247.1		61.1	18.0	104	0
REV® 28HR20™	229.6	260.0	266.7	64.6	19.0	104	0
Augusta 7768	227.9	262.5		60.0	19.2	102	0
Wyffels W8268	227.8			62.2	18.3	100	0
Pioneer P2089AM	226.4	251.0	250.3	62.1	19.1	90	0
DEKALB DKC67-58RIB Brand Blend	226.1	249.6	232.5	63.7	18.8	100	0
Wyffels W8918	223.9			65.2	18.0	96	0
Dyna-Gro D56VC46	222.4			62.9	18.7	98	0
DEKALB DKC66-75 Brand Blend	222.1			63.3	17.9	92	0
Hoegemeyer HPT 8616 AM	219.9			62.8	18.5	89	0
AgriGold A6711VT2PRO	215.7	239.9		64.0	18.3	93	0
AgVenture RL9256HB	215.2			63.8	18.6	99	0
DEKALB DKC68-26 Brand Blend	210.6	245.2		63.0	18.5	83	0
AgriGold A6652VT2PRO	201.5			61.3	16.6	104	0
Caverndale CF 894 VT2PRO	200.9	233.0	236.2	62.3	17.8	98	0
Beck 6674SX	200.1			64.3	18.0	95	0
Seed Consultants SCS 11HR63™	197.8	236.8	245.4	63.1	18.1	100	0
LG Seeds LG5701VT2RIB	197.8	247.0	231.5	64.7	18.4	95	0
Caverndale CF 883GTCBLL	187.8	215.6	220.6	62.3	19.6	83	0
Armor AXC6116	177.0			61.6	16.6	100	0
Average	224.4	248.6	243.7	63.0	18.4	98	0
C.V.	11.2	8.2	8.2	1.1	2.9	9	399
LSD	48.9	26.9	21.7	1.3	1.1	17	0

¹ Late varieties: >115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 8, 2016; Harvested: September 2, 2016
 Soil type: Ware silt loam; Previous crop: soybean; Fertilizer: 200/23/36

Table 9W. White Hybrid Corn Test—Fulton County (Irrigated).

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Pioneer 33G60	252.6	263.9	255.2	65.8	18.5	89	0
Pioneer P1477WHR	242.3	240.5	238.7	65.6	18.2	99	0
Pioneer 32B16	237.0	249.3	237.7	64.2	18.6	102	0
Pioneer P1306WHR	227.7			65.2	16.3	98	1
AgriGold A6507WBtRR	196.3	213.1	208.1	65.7	17.8	100	1
Average	231.2	241.7	234.9	65.3	17.9	98	0
C.V.	14.4	10.7	9.6	0.5	5.1	2	168
LSD	78.6	37.0	25.8	0.7	2.2	5	2

Shaded cells are not significantly different from top yield (0.10)
 Planted: April 8, 2016; Harvested: September 2, 2016
 Soil type: Ware silt loam; Previous crop: soybean; Fertilizer: 200/23/36

Table 11E. Early Hybrid¹ Corn Test—Fulton County (Rainfed).

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
STEYER 11104 VT2PRORIBC	227.5			63.3	17.9	92	3
Pfister 71C1SSR	224.8			61.0	19.2	103	0
Stewart 10SS457	222.4			65.2	17.6	98	0
Pfister 70A1SSR	220.5			61.8	18.2	90	0
Armor 0909	210.6			62.9	17.7	102	0
PROGENY PGY6110VT2P	207.5			63.4	17.9	95	0
Pioneer P1197AM	207.0	240.3	231.4	65.5	17.9	88	0
NK Syngenta N59B-3122A	206.9	232.5		63.5	18.4	108	3
Warren Seed DS 9110SSX	206.0			61.2	18.1	86	0
AgriGold A6424-3111	203.8			61.7	17.9	100	0
Beck 6158AM™* Brand	203.3	246.1		64.6	17.1	99	0
Seed Consultants SC 11AQ17™	200.9			62.4	18.6	102	0
Armor AXC6111	199.7			63.7	18.1	89	0
AgriGold A6472VT2RIB	199.6	221.6	207.1	64.5	18.2	95	0
AgriGold A6441VT2RIB	197.8			62.0	17.8	92	0
Caverndale CF 818 3000GT	197.3			63.1	18.6	87	0
REV® 18BHR84™	193.7	234.3	217.4	63.1	18.0	93	0
FS InVISION FS 61SV1 RIB	193.3			63.1	17.9	93	0
Great Lakes 6185STXRIB	192.0	228.0		60.5	18.1	91	0
Beck 5828AM™* Brand	191.8	228.0	219.2	63.1	18.0	91	0
Augusta 1108	191.6			62.6	17.7	99	1
Pioneer P0843AM	190.4	224.4		64.7	17.6	94	0
NK Syngenta N60F-3111	190.4			61.7	17.7	87	0
DEKALB DKC60-69RIB Brand Blend	188.4			63.7	17.4	97	0
LG Seeds LG5607VT2RIB	186.9	221.6	208.9	63.0	17.6	91	0
T.A. Seeds TA583-22DPRIB	185.3		174.0	62.5	16.4	77	0
NK Syngenta N66V-3000GT	184.6			63.5	18.1	88	0
AgriGold A6462VT2RIB	184.3			63.3	18.1	99	0
CHANNEL 210-26VT2PRIB	183.4			62.8	18.2	105	0
Seed Consultants SC 10AGT96™	183.1			61.7	17.5	87	0
AgriGold A6442VT2RIB	182.8	229.0		62.6	17.7	95	0
AgVenture RL7844AM	182.1			63.4	18.0	103	0
LG Seeds LG5548STXRIB	181.9			61.2	18.3	97	0
Seed Consultants SCS 1125YHR™	181.6			63.5	18.4	100	0
Pfister 67A1	180.2			62.4	17.9	83	0
Brodbeck 57RA10	179.0			62.8	18.1	86	0
Augusta 4959	178.9	225.8		62.1	17.7	76	0
Hoegemeyer HPT 8153 AM	178.2			64.9	17.1	79	0
Great Lakes 5944STXRIB	177.5	216.6		63.1	17.2	92	0
Seed Consultants SCS 1086YHR™	171.6			63.7	17.7	91	0
Seed Consultants SCS 1105YHR™	168.9	224.1		64.0	17.2	85	0
Caverndale CF 793 VIP3110	167.7			64.8	18.4	85	0
LG Seeds LG5554-3111	158.0			61.7	18.1	78	0
Beck 6076V2P	144.3			64.6	17.7	85	0
Warren Seed DS 9610	137.5	189.9	184.6	64.8	17.6	65	0
Average	189.9	225.9	206.1	63.1	17.9	92	0
C.V.	16.8	13.6	12.3	1.8	1.9	15	307
LSD	62.0	38.2	28.0	2.2	0.7	26	1

¹ Early varieties: <112 days to maturity

Shaded cells are not significantly different from top yield (0.10)

Planted: April 8, 2016; Harvested: September 1, 2016

Soil type: Ware silt loam; Previous crop: soybean; Fertilizer: 200/23/36

Table 11M. Medium Hybrid¹ Corn Test—Fulton County (Rainfed).

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16						2016	15-16	14-16				
Pioneer P1257AM	240.2	261.4	243.3	64.6	17.2	102	0	STEYER 11408VT2PRORIBC	191.2			64.3	18.3	94	0
Hoegemeyer HPT 8294 AM	231.7			62.5	18.5	97	0	AgriGold A6517VT3PRIB	189.4	230.6	216.7	61.5	18.7	105	7
PROGENY PGY5115VT2P	228.4	250.3		63.6	18.5	92	0	Great Lakes 6259VT2RIB	188.2			63.5	17.6	92	0
AgriGold A6499STXRIB	226.6	252.9	233.3	64.1	18.5	93	0	STEYER 11409 VT2PRORIBC	188.0			64.4	18.5	95	0
STEYER 11506VT2PRORIBC	225.1			62.0	18.9	100	0	REV [®] 25BHR26™	187.7	243.9		65.9	18.1	100	0
FS InVISION FS 63ZV1 RIB	224.0			65.7	18.2	101	0	DEKALB DKC62-08RIB Brand Blend	187.2	220.4	200.9	63.2	17.9	93	0
LG Seeds LG5650VT2Pro	222.6			65.8	17.9	101	0	Dyna-Gro D54DC94	186.2	232.0		61.9	18.8	89	0
AgVenture RL8430AM	219.4			63.0	18.6	105	0	Dyna-Gro D52VC91	186.2	217.6	209.8	65.9	18.4	92	0
Stewart 8E663RIB	218.8	253.2	234.6	64.6	18.1	96	0	NK N76A-3010	186.1	218.4		59.7	18.1	92	1
Pioneer P1316AM	216.7			64.5	18.6	95	0	FS InVISION FS 64SX1 RIB	183.7			64.2	18.4	102	0
STEYER 11306VT2PRORIBC	216.6			63.8	17.6	103	0	Seed Consultants SCS 1136YHR™	183.5			65.9	18.2	96	0
REV [®] 23BHR55™	215.5	245.5	240.5	64.5	18.5	97	0	Pioneer P1311AM	183.3			63.0	18.4	86	0
FS InVISION FS 62TV1DG RIB	213.6			64.2	17.5	105	0	Seed Consultants SC 11AQ15™	182.0			60.5	19.2	91	0
AgriGold A6572VT2PRO	212.8			65.1	18.0	97	0	Augusta 5062	181.8			62.9	18.5	88	0
Beck 6365AM™™ Brand	209.4	255.4		62.8	18.5	95	0	Brodbeck 57RA14	178.0			63.4	18.5	106	0
Warren Seed DS 9314SSX	209.3	236.6	215.2	63.1	18.6	98	0	Dyna-Gro D54VC52	178.0			63.6	18.4	70	0
AgriGold A6619VT2RIBD1	209.1			62.9	18.4	101	3	Armor 1500	177.8			64.1	18.7	86	0
T.A. Seeds TA683-13VPRIB	208.1		200.8	63.6	18.2	102	3	Great Lakes 6462STXRIB	177.5	220.0	201.9	63.9	19.0	108	0
LG Seeds LG5663VT2RIB	207.4	235.0		64.0	18.9	99	0	PROGENY PGY4114VT2P	176.0	223.2	223.9	63.9	18.1	86	0
NK Syngenta N74R-3122-EZO	207.2			61.6	19.2	96	0	Seed Consultants SC 11AGT43™	175.0	217.7	207.8	62.0	18.8	92	0
REV [®] 24BHR93™	204.8	242.0	232.6	63.9	19.2	96	0	Augusta 1564	174.7			60.5	18.0	93	0
Stewart 8E753RIB	204.8	243.8	227.7	65.4	18.2	100	0	Warren Seed DS 9713SSX	172.8	225.2	218.8	63.2	18.2	102	0
Armor AXT6114	204.7			64.0	18.2	96	3	Warren Seed DS 9513SSX	172.6			60.6	20.2	80	0
LG Seeds LG5618STXRIB	204.5	236.9	213.6	63.8	19.1	98	0	Hoegemeyer HPT 8239 AM	171.6			63.4	18.1	79	0
Warren Seed DS 9913SSX	204.2			63.1	18.6	93	0	Warren Seed DS 9412SSX	170.5	216.2	208.9	62.8	18.5	95	0
Pfister 73A2SSR	203.6			63.1	18.3	90	0	LG Seeds LG5643VT2RIB	169.3			63.3	17.8	85	0
T.A. Seeds TA736-22DPRIB	202.5			64.1	17.9	101	0	AgVenture RL8714AM	168.3			64.9	18.4	98	0
Beck 6225HR™™ Brand	200.9			64.2	18.9	105	0	Beck 6589V2P	167.0			64.5	18.1	82	0
Stewart 8A625	200.3			63.1	18.8	101	0	AgriGold A6579STX	166.4	219.3		64.4	18.3	99	0
Wyffels W7888RIB	199.8	237.7	225.5	63.2	18.9	97	0	Wyffels W7696RIB	165.9			62.9	18.2	96	1
Caverndale CF842 GTCBLL	199.1			60.8	18.2	96	0	Armor AXT6113	160.9			62.9	18.3	87	0
DEKALB DKC64-35RIB Brand Blend	199.0			64.9	18.3	89	0	Armor AXG6112	160.5			62.2	18.2	85	0
T.A. Seeds TA765-30	198.2	251.7	236.6	63.5	19.0	102	0	Brodbeck 54RA14	160.4			62.7	18.4	86	4
Pfister 3366GRASS	197.5	234.4		62.6	18.4	98	0	DEKALB DKC64-89RIB Brand Blend	159.3	207.2	196.3	64.0	18.5	105	0
AgriGold A6544VT2PRO	197.2			63.3	18.3	89	0	AgriGold A6559VT2RIB	159.0	211.0	204.5	64.2	17.7	86	0
DEKALB DKC62-78RIB Brand Blend	196.2	230.3		63.0	18.0	101	0	REV [®] 22BHR43™	153.4	209.9	207.1	64.2	18.1	80	0
Pfister 3488HXRR	195.9		190.1	61.3	19.1	83	0	Average	192.9	232.1	216.9	63.4	18.4	95	0
Augusta 1565	195.6			62.2	18.1	102	0	C.V.	16.6	11.5	11.1	1.1	1.7	14	390
AUGUSTA 6664	195.4	227.4	214.0	63.2	18.7	85	0	LSD	61.4	33.4	25.9	1.3	0.6	25	2
DEKALB DKC63-72RIB Brand Blend	194.7			64.2	16.9	107	0								
Caverndale CF839 3000GT	192.4			60.8	18.6	82	0								
NK N70J-3111A	191.6	220.6		63.5	18.0	98	0								

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 8, 2016; Harvested: September 1, 2016
 Soil type: Ware silt loam; Previous crop: soybean; Fertilizer: 200/23/36

Table 11L. Late Hybrid¹ Corn Test—Fulton County (Rainfed).

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
AgriGold A6652VT2PRO	257.4			61.0	18.5	100	0
Pioneer P2089AM	254.6	261.7	242.5	61.5	19.9	93	0
AgriGold A6659VT2RIB	251.9	251.7	214.4	63.1	19.0	101	0
PROGENY PGY4117VT3P	251.7			61.9	18.4	97	0
Augusta 7768	249.3	244.0		60.2	21.5	108	3
Great Lakes 6686VT2PRIB	247.2			63.1	18.8	106	0
T.A. SEEDS TA767-22DPRIB	246.9			60.4	18.8	102	0
Pioneer P1602AM	245.9	253.0	221.1	64.3	19.0	98	0
DEKALB DKC67-44 Brand Blend	245.5			63.1	19.2	101	0
Armor AXC6116	245.5			61.8	18.8	102	0
NK Syngenta N83D-3000GT	243.3			60.7	22.4	103	0
CHANNEL 218-44VT2PRIB	242.8			62.6	18.7	105	0
DEKALB DKC67-72RIB Brand Blend	241.5	242.6		61.2	18.9	96	0
Stewart 17DP387	240.5			63.3	18.8	94	0
Hoegemeyer HPT 8616 AM	239.8			62.1	18.6	100	4
FS InVISION FS 66ZV1 RIB	239.7			62.5	18.6	95	0
DEKALB DKC66-59RIB Brand Blend	237.7			63.1	18.2	99	0
Wyffels W8918	230.0			64.0	18.7	104	0
Seed Consultants SC 11AGT74™	226.4	229.7		62.0	21.1	103	4
Dyna-Gro D56VC46	223.9			62.7	19.0	102	0
Stewart 16DP117	223.9			64.1	19.0	94	0
DEKALB DKC66-75 Brand Blend	220.7			62.6	19.0	94	0
Pioneer P1637AM	220.4	235.2	210.6	64.1	19.1	96	3
Caverndale CF 883GTCBLL	218.8	213.2	196.3	61.9	21.3	89	0
Wyffels W8268	214.8			62.4	19.3	99	0
Beck 6674SX	213.2			63.6	18.4	91	0
Caverndale CF 894 VT2PRO	213.1	222.6	202.6	62.2	19.2	93	0
LG Seeds LG5701VT2RIB	213.0	230.4	210.2	63.0	18.8	99	0
PROGENY PGY6116VT2P	211.5			62.0	19.0	98	0
DEKALB DKC68-26 Brand Blend	211.1	241.7		61.9	18.7	98	0
AgVenture RL9256HB	210.0			63.4	19.5	95	0
AgriGold A6711VT2PRo	206.7	233.8		63.7	18.8	85	0
Seed Consultants SCS 11HR63™	204.7	233.3	220.7	63.2	18.5	91	0
DEKALB DKC67-58RIB Brand Blend	197.7	223.8	193.3	63.0	19.2	97	0
CHANNEL 216-36VT2PRIB	185.1			64.1	18.2	105	0
REV® 28HR20™	174.3	223.0	196.7	63.0	20.8	105	0
Average	229.0	236.0	210.9	62.5	19.2	98	0
C.V.	10.4	8.4	12.4	1.0	2.5	9	384
LSD	46.3	26.8	30.7	1.2	0.9	17	2

¹ Late varieties: >115 days to maturity

Shaded cells are not significantly different from top yield (0.10)

Planted: April 8, 2016; Harvested: September 1, 2016

Soil type: Ware silt loam; Previous crop: soybean; Fertilizer: 200/23/36

Table 11W. White Hybrid Corn Test—Fulton County (Rainfed).

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Pioneer 33G60	207.7	225.6	203.2	65.4	18.5	94	0
Pioneer P1306WHR	204.1			64.4	17.8	100	0
Pioneer 32B16	197.5	209.7	193.2	63.7	19.3	99	0
Agrigold A6507WBtRR	194.0	195.0	188.9	64.0	18.7	91	5
Pioneer P1477WHR	192.5	217.0	211.2	64.5	18.7	100	0
Average	199.1	211.8	199.1	64.4	18.6	97	0
C.V.	7.2	6.6	7.2	0.6	2.9	4	165
LSD	43.7	20.6	16.6	1.1	1.5	10	3

Shaded cells are not significantly different from top yield (0.10)

Planted: April 8, 2016; Harvested: September 1, 2016

Soil type: Ware silt loam; Previous crop: soybean; Fertilizer: 200/23/36

Table 12. Weather Data—Fulton County (Rainfed).

Monthly Precipitation (in)	Temperature		
	Average	Highest	Lowest
March	7.64	45.8	56.2
April	5.97	61.1	70.3
May	4.33	68.2	77.5
June	1.14	78.4	87.2
July	5.14	80.2	88.1
August	3.89	74.3	84.3
September	1.42	71.2	83.1

Table 13E. Early Hybrid¹ Corn Test—Hardin County.

Name	YIELD (BU/AC)			TWT (%)	MST (%)	STD	LODG (%)
	2016	15-16	14-16 (LB/BU)				
Hoegemeyer HPT 8153 AM	212.9			60.7	15.5	93	0
Beck 6158AM™™ Brand	206.4	215.3		61.4	15.7	94	1
Seed Consultants SCS 1105YHR™	205.9	214.4		61.6	14.9	93	3
Seed Consultants SCS 1125YHR™	203.8			61.9	18.3	91	0
Pioneer P1197AM	201.8	209.6	217.7	63.5	17.6	96	0
Seed Consultants SCS 1086YHR™	200.4			62.5	17.2	93	0
AgriGold A6442VT2RIB	196.0	211.1		61.9	17.6	90	0
Pioneer P0843AM	194.8	209.0		62.2	17.6	95	0
Beck 5828AM™™ Brand	194.6	203.4	208.5	62.4	17.2	97	1
REV® 18BHR84™	193.6	203.7	206.0	62.1	17.8	88	0
NK Syngenta N66V-3000GT	193.5			60.5	17.3	90	3
AgriGold A6441VT2RIB	193.3			63.4	18.3	89	3
Seed Consultants SC 11AQ17™	192.6			60.8	16.1	88	1
Seed Consultants SC 10AGT96™	190.8			59.3	16.9	93	0
Pfister 70A1SSR	190.2			57.7	17.6	91	0
Augusta 4959	189.0	193.3		62.4	18.3	86	0
Brodbeck 57RA10	186.1			58.0	17.0	85	0
AgVenture RL7844AM	186.1			62.8	17.6	88	0
STEYER 11104 VT2PRORIBC	185.4			60.9	16.9	95	5
Stewart 10SS457	184.3			62.7	18.0	92	0
Armor 0909	181.3			60.8	17.0	90	1
CHANNEL 210-26VT2PRIB	180.6			57.6	18.3	91	0
Warren Seed DS 9610	179.9	194.0	195.6	60.4	16.5	90	0
Pfister 67A1	179.6			61.3	15.8	91	1
Great Lakes 6185STXRIB	179.2	203.1		61.7	18.8	89	0
Augusta 1108	178.8			59.2	17.1	91	1
AgriGold A6462VT2RIB	178.7			61.4	17.5	79	3
LG Seeds LG5554-3111	178.6			59.0	17.5	96	0
Pfister 71C1SSR	178.5			60.2	16.3	95	0
Beck 6076V2P	178.3			62.0	15.8	89	0
Great Lakes 5944STXRIB	177.9	200.6		60.9	18.0	66	1
NK Syngenta N60F-3111	175.2			60.4	17.2	87	0
Armor AXC6111	175.0			61.2	17.0	98	0
T.A. Seeds TA583-22DPRIB	174.5		187.4	60.3	16.1	91	0
Warren Seed DS 9110SSX	172.2			56.8	16.9	79	0
AgriGold A6424-3111	171.5			62.0	17.0	87	0
Caverndale CF 793 VIP3110	171.3			63.6	18.8	90	1
Caverndale CF 818 3000GT	170.8			61.1	16.3	91	1
LG Seeds LG5607VT2RIB	167.8	184.5	190.3	62.2	16.8	87	0
AgriGold A6472VT2RIB	165.4	194.9	201.8	62.7	18.4	72	0
FS InVISION FS 61SV1 RIB	164.0			61.9	17.8	88	3
DEKALB DKC60-69RIB Brand Blend	163.5			61.6	17.3	80	1
LG Seeds LG5548STXRIB	162.5			61.5	18.7	91	1
PROGENY PGY6110VT2P	160.7			60.1	17.0	89	1
NK Syngenta N59B-3122A	155.0	195.9		60.6	18.3	94	3
Average	182.7	202.4	201.1	61.1	17.2	89	0
C.V.	10.3	9.1	8.1	1.5	2.6	13	163
LSD	36.6	23.6	17.3	1.7	0.9	23	2

¹ Early varieties: <112 days to maturity

Shaded cells are not significantly different from top yield (0.10)

Planted: April 16, 2016; Harvested: September 13, 2016

Soil type: Crider silt loam; Previous crop: soybean; Fertilizer: 285/80/80

Table 13M. Medium Hybrid¹ Corn Test—Hardin County.

Name	YIELD (BU/AC)			TWT	MST	STD	LODG	Name	YIELD (BU/AC)			TWT	MST	STD	LODG
	2016	15-16	14-16 (LB/BU)						2016	15-16	14-16 (LB/BU)				
Beck 6365AM™™ Brand	225.5	219.9	61.1	17.9	97	0	STEYER 11506VT2PRORIBC	180.3		60.1	18.8	86	4		
LG Seeds LG5643VT2RIB	222.0		60.3	18.7	88	9	Augusta 1564	180.0		57.3	17.2	93	3		
Armor AXT6114	214.1		56.3	16.8	89	0	STEYER 11409VT2PRORIBC	179.8		60.4	17.7	92	0		
DEKALB DKC64-89RIB Brand Blend	212.0	219.9	219.9	62.0	17.3	95	0	Great Lakes 6259VT2RIB	179.8		62.0	17.0	86	0	
Armor AXT6113	211.3		58.5	17.4	91	3	Beck 6225HR™™ Brand	179.5		62.1	18.5	91	0		
REV® 23BHR55™	206.0	202.9	207.4	61.5	18.1	95	0	Beck 6589V2P	179.3		61.2	19.1	79	0	
AgriGold A6499STXRIB	204.5	217.8	212.8	63.2	17.8	96	0	NK N76A-3010	179.1	194.9	56.7	17.9	98	0	
Warren Seed DS 9412SSX	202.6	208.3	206.5	58.8	18.2	95	1	Seed Consultants SC 11AGT43™	178.7	204.0	207.8	58.9	19.5	94	0
AgriGold A6579STX	202.2	210.2		60.5	18.1	95	0	NK N70J-3111A	177.2	202.9	60.5	17.0	98	0	
AgriGold A6559VT2RIB	200.7	224.2	218.6	62.7	17.3	94	0	Warren Seed DS 9713SSX	177.0	198.0	202.5	58.7	17.7	84	1
PROGENY PGY4114VT2P	200.4	217.8	220.7	62.8	18.1	83	5	DEKALB DKC62-08RIB Brand Blend	176.3	203.5	203.8	60.9	17.9	89	1
Stewart 8E753RIB	199.0	205.5	208.8	62.8	17.9	98	3	Seed Consultants SCS 1136YHR™	175.6		62.9	18.2	92	0	
Caverndale CF839 3000GT	197.8		59.7	19.5	94	1	AgriGold A6619VT2RIBD1	175.4		57.8	18.3	62	1		
Pioneer P1316AM	197.1		61.6	18.0	83	0	Warren Seed DS 9913SSX	174.2		59.4	17.6	91	3		
Hoegemeyer HPT 8294 AM	196.6		61.1	17.7	95	0	REV® 25BHR26™	174.1	189.9	63.1	18.1	88	0		
Pioneer P1311AM	196.5		60.2	18.0	93	0	Seed Consultants SC 11AQ15™	173.9		58.9	18.6	96	0		
Stewart 8A625	196.2		60.2	18.1	95	1	T.A. Seeds TA683-13VPRIB	173.7	191.8	62.0	17.9	84	0		
AgVenture RL8430AM	195.8		60.7	18.0	89	0	DEKALB DKC63-72RIB Brand Blend	173.2		59.2	15.6	95	0		
Augusta 1565	195.5		60.1	18.0	94	0	Hoegemeyer HPT 8239 AM	172.3		63.2	18.2	84	1		
REV® 22BHR43™	195.3	201.8	206.5	62.5	18.2	94	1	FS InVISION FS 62TV1DG RIB	171.8		59.0	17.4	103	1	
DEKALB DKC62-78RIB Brand Blend	194.7	211.0	61.4	17.0	94	0	Armor 1500	170.2		61.3	18.8	79	3		
Great Lakes 6462STXRIB	194.7	204.0	204.1	63.5	17.8	93	0	Wyffels W7696RIB	170.1		58.8	17.5	89	0	
Wyffels W7888RIB	194.6	205.6	207.1	62.9	17.8	91	0	Pioneer P1257AM	169.0	193.3	197.3	60.6	16.5	92	0
Pfister 3488HXRR	194.1		192.6	57.7	18.7	88	3	Pfister 73A2SSR	168.2		60.1	18.0	86	1	
Warren Seed DS 9314SSX	191.9	209.4	207.8	59.0	18.2	94	0	Armor AXG6112	167.8		60.7	16.3	86	0	
LG Seeds LG5650VT2Pro	191.4		63.4	18.0	97	0	T.A. Seeds TA765-30	166.0	199.8	199.2	61.9	19.2	99	0	
Stewart 8E663RIB	191.4	205.5	208.4	62.3	17.7	95	3	AgVenture RL8714AM	164.1		63.2	18.3	96	0	
Dyna-Gro D54VC52	191.4		60.9	18.9	92	3	FS InVISION FS 645X1 RIB	160.2		60.2	18.5	93	0		
AUGUSTA 6664	190.4	201.9	205.3	59.5	17.0	91	0	Dyna-Gro D52VC91	159.0	187.3	195.3	63.4	17.1	83	0
Pfister 3366RASS	189.9	219.3	59.2	18.0	91	1	NK Syngenta N74R-3122-EZO	159.0		57.0	18.1	76	0		
AgriGold A6572VT2PRO	189.8		63.5	18.1	82	0	STEYER 11408VT2PRORIBC	158.7		61.0	19.2	68	1		
Caverndale CF842 GTCBLL	188.9		58.2	17.2	98	0	STEYER 11306VT2PRORIBC	155.8		59.3	17.2	82	3		
REV® 24BHR93™	188.5	201.7	209.3	62.0	17.7	88	0	Augusta 5062	153.7		62.0	18.3	101	0	
DEKALB DKC64-35RIB Brand Blend	187.9		62.1	18.5	76	1	FS InVISION FS 63ZV1 RIB	153.6		63.1	17.4	86	0		
T.A. Seeds TA736-22DPRIB	187.4		62.1	17.6	89	1	Warren Seed DS 9513SSX	152.2		57.4	15.5	90	0		
LG Seeds LG5663VT2RIB	186.4	203.4	61.5	19.0	92	0	Dyna-Gro D54DC94	145.5	179.4	58.1	19.0	72	0		
PROGENY PGY5115VT2P	185.7	190.3	59.5	16.9	100	1	Average	183.6	204.1	205.9	60.6	17.9	90	0	
Brodbeck 57RA14	185.3		59.5	17.9	90	0	C.V.	10.9	8.5	7.5	1.4	2.7	13	155	
AgriGold A6544VT2PRO	185.0		60.2	19.0	88	3	LSD	38.5	22.3	16.2	1.6	0.9	22	2	
Brodbeck 54RA14	183.5		57.9	17.8	92	4									
AgriGold A6517VT3PRIB	181.8	200.8	205.5	58.1	18.3	85	0								
LG Seeds LG5618STXRIB	181.0	198.0	202.6	62.3	18.3	90	0								

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 16, 2016; Harvested: September 13, 2016
 Soil type: Crider silt loam; Previous crop: soybean; Fertilizer: 285/80/80

Table 13L. Late Hybrid¹ Corn Test—Hardin County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Hoegemeyer HPT 8616 AM	216.2			61.7	18.2	95	1
Stewart 17DP387	212.0			64.0	18.3	96	0
Wyffels W8918	209.2			63.5	17.7	96	4
DEKALB DKC67-44 Brand Blend	205.3			63.1	17.9	89	3
Seed Consultants SC 11AGT74™	204.5	215.6		61.9	21.0	96	0
Seed Consultants SCS 11HR63™	204.0	208.0	211.4	62.5	17.9	92	0
AgriGold A6659VT2RIB	202.7	211.4	205.7	62.6	17.8	96	8
DEKALB DKC67-72RIB Brand Blend	201.5	210.4		61.6	18.7	96	3
Wyffels W8268	199.8			61.3	18.0	99	9
DEKALB DKC68-26 Brand Blend	199.5	219.5		62.1	18.9	90	5
FS InVISION FS 66ZV1 RIB	199.4			63.3	18.0	87	1
REV® 28HR20™	198.2	202.0	207.9	63.8	18.3	97	8
Pioneer P1637AM	198.2	209.0	214.5	63.1	18.4	100	0
CHANNEL 216-36VT2PRIB	197.9			62.2	17.7	93	4
Caverndale CF 894 VT2PRO	197.1	211.0	207.5	59.9	19.6	95	0
Stewart 16DP117	196.9			63.0	18.1	95	0
Pioneer P2089AM	194.9	217.1	214.8	61.4	18.1	96	0
Beck 6674SX	194.6			64.4	17.5	83	4
NK Syngenta N83D-3000GT	194.0			61.4	19.8	95	0
DEKALB DKC66-75 Brand Blend	193.8			63.1	17.1	98	0
PROGENY PGY6116VT2P	193.1			60.5	20.5	96	3
PROGENY PGY4117VT3P	192.2			61.2	17.6	97	0
DEKALB DKC66-59RIB Brand Blend	191.1			61.3	17.8	89	3
AgriGold A6711VT2PRo	190.9	204.9		62.2	18.2	91	3
AgriGold A6652VT2PRO	190.2			58.8	16.6	98	0
Caverndale CF 883GTCLL	188.3	204.2	208.7	61.8	22.3	88	0
Dyna-Gro D56VC46	188.1			61.4	18.7	87	0
T.A. SEEDS TA767-22DPRIB	187.4			59.2	16.5	97	4
CHANNEL 218-44VT2PRIB	186.6			60.9	17.5	95	1
Great Lakes 6686VT2PRIB	186.0			63.7	18.1	91	9
Armor AXC6116	185.0			59.2	17.0	96	4
Pioneer P1602AM	183.8	195.0	201.3	65.0	18.3	95	0
Augusta 7768	183.7	199.9		58.8	23.0	97	3
DEKALB DKC67-58RIB Brand Blend	182.2	203.0	205.6	63.7	18.5	91	3
LG Seeds LG5701VT2RIB	178.3	191.1	194.3	62.2	18.1	84	1
AgVenture RL9256HB	176.7			63.5	18.5	89	0
Average	194.4	206.8	207.2	62.0	18.5	94	1
C.V.	6.2	6.1	5.6	1.5	3.5	8	152
LSD	23.3	16.8	12.6	1.8	1.2	14	5

¹ Late varieties: >115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 16, 2016; Harvested: September 12, 2016
 Soil type: Crider silt loam; Previous crop: soybean; Fertilizer: 285/80/80

Table 13W. White Hybrid Corn Test—Hardin County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
Pioneer P1477WHR	193.9	206.7	206.7	63.8	18.2	100	0
Pioneer P1306WHR	192.4			63.8	17.1	102	0
Pioneer 33G60	179.5	186.1	189.7	62.8	18.0	83	0
AgriGold A6507WBtRR	178.2	187.4	185.6	63.0	16.7	91	0
Pioneer 32B16	163.7	173.6	176.7	60.4	18.4	84	0
Average	181.5	188.5	189.7	62.8	17.7	92	0
C.V.	6.9	6.4	5.7	0.9	1.4	9	387
LSD	29.7	17.6	12.5	1.4	0.6	20	1

Shaded cells are not significantly different from top yield (0.10)
 Planted: April 16, 2016; Harvested: September 12, 2016
 Soil type: Crider Silt Loam; Previous crop: Soybean; Fertilizer 285/80/80

Table 15E. Early Hybrid¹ Corn Test—Webster County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16				
STEYER 11104 VT2PRORIBC	198.1			61.1	17.4	90	0
NK Syngenta N60F-3111	196.6			60.7	17.8	89	0
Seed Consultants SCS 1125YHR™	196.0			60.0	19.5	90	4
Seed Consultants SCS 1105YHR™	193.3	218.8		60.7	17.2	88	0
Pioneer P1197AM	193.2	215.2	231.8	61.0	18.5	79	0
NK Syngenta N66V-3000GT	190.3			59.7	18.9	65	0
Caverndale CF 818 3000GT	189.9			60.9	18.0	91	0
LG Seeds LG5554-3111	189.5			60.8	17.6	95	0
Seed Consultants SC 10AGT96™	186.8			59.6	17.6	96	0
Beck 6158AM™™ Brand	185.6	227.4		60.8	18.1	86	1
Seed Consultants SCS 1086YHR™	185.2			61.0	17.8	86	0
Pioneer P0843AM	185.2	214.1		61.2	18.0	84	0
Warren Seed DS 9610	185.1	200.9	207.7	60.7	17.3	93	0
Seed Consultants SC 11AQ17™	185.1			61.0	18.0	93	0
AgriGold A6442VT2RIB	184.5	218.0		61.5	18.2	92	0
REV® 18BHR84™	183.6	216.5	215.7	61.2	18.1	79	0
FS InVISION FS 61SV1 RIB	182.6			61.9	17.8	84	0
AgVenture RL7844AM	182.0			61.0	18.9	86	0
Beck 5828AM™™ Brand	181.9	202.4	208.2	61.3	18.7	74	0
Caverndale CF 793 VIP3110	181.5			62.4	19.4	91	1
AgriGold A6441VT2RIB	181.4			61.5	20.6	87	0
Hoegemeyer HPT 8153 AM	181.3			61.2	18.0	82	0
Armor 0909	181.2			59.4	18.4	82	0
CHANNEL 210-26VT2PRIB	181.2			58.8	19.4	88	0
LG Seeds LG5607VT2RIB	177.2	199.7	211.6	61.6	17.9	91	0
NK Syngenta N59B-3122A	176.7	209.5		61.7	20.0	90	0
Stewart 10SS457	176.5			61.3	19.1	86	0
Augusta 1108	174.0			59.2	18.7	87	0
AgriGold A6424-3111	173.8			60.5	17.7	83	0
AgriGold A6472VT2RIB	171.2	209.5	210.3	61.3	21.3	76	0
Pfister 67A1	171.0			59.9	16.7	89	0
Great Lakes 6185STXRIB	165.1	209.4		59.9	19.7	75	0
Warren Seed DS 9110SSX	164.1			56.7	18.8	84	0
PROGENY PGY6110VT2P	162.2			60.8	17.5	83	0
DEKALB DKC60-69RIB Brand Blend	161.8			61.0	18.0	63	0
Armor AXC6111	161.4			60.7	18.3	70	0
Pfister 71C1SSR	160.5			59.3	18.1	83	0
Pfister 70A1SSR	159.8			56.1	19.6	95	0
Beck 6076V2P	159.5			62.3	17.5	81	0
AgriGold A6462VT2RIB	157.9			61.3	18.2	75	1
LG Seeds LG5548STXRIB	152.6			60.0	18.9	74	0
Brodbeck 57RA10	150.5			56.1	21.2	59	1
T.A. Seeds TA583-22DPRIB	147.3		183.7	60.9	17.3	83	0
Augusta 4959	147.1	194.9		61.2	18.3	71	0
Great Lakes 5944STXRIB	143.4	188.7		60.2	18.5	53	0
Average	175.4	208.9	209.9	60.5	18.5	83	0
C.V.	11.8	8.8	8.0	1.1	6.1	18	345
LSD	40.2	22.9	17.2	1.3	2.2	28	2

¹ Early varieties: <112 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 19, 2016; Harvested: September 7, 2016
 Soil type: Robbs silt loam; Previous crop: soybean; Fertilizer: 175/0/96

Table 14. Weather Data—Hardin County.

Monthly Precipitation (in)		Temperature		
		Average	Highest	Lowest
March	7.1	44.3	55.5	33.2
April	8	57.8	68.5	47.2
May	3.65	67.3	78.4	56.2
June	6.15	74.3	84	64.6
July	6.64	76.5	85.4	67.7
August	2.3	71.3	81.9	60.7
September	5.39	69.3	81.3	57.3

Table 15M. Medium Hybrid¹ Corn Test—Webster County.

Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16						2016	15-16	14-16				
T.A. Seeds TA765-30	209.2	234.3	229.5	61.7	21.1	90	0	REV [®] 24BHR93™	184.2	210.3	223.0	61.1	19.3	68	0
LG Seeds LG5643VT2RIB	207.4			60.4	19.1	89	0	STEYER 11306VT2PRORIBC	183.8			60.0	18.1	97	0
REV [®] 23BHR55™	206.1	224.8	233.9	60.4	19.0	89	0	STEYER 11408VT2PRORIBC	183.2			60.8	19.8	81	0
T.A. Seeds TA736-22DPRIB	203.4			62.2	19.1	85	0	AgriGold A6499STXRIB	181.7	212.6	217.1	62.0	19.3	86	0
REV [®] 25BHR26™	202.8	234.1		62.1	19.9	78	0	Wyffels W7888RIB	181.2	204.4	209.2	61.7	19.8	88	0
Seed Consultants SC 11AGT43™	202.0	228.9	230.1	58.3	23.5	85	0	Beck 6225HR™* Brand	181.1			63.4	19.5	85	0
AgVenture RL8430AM	200.8			60.2	19.9	90	0	Pfister 73A2SSR	180.2			60.0	19.6	90	0
Augusta 1565	200.0			58.7	19.7	94	0	Seed Consultants SC 11AQ15™	179.8			57.7	23.2	86	0
Pfister 3488HXRR	198.9		209.8	56.5	20.9	99	0	Warren Seed DS 9913SSX	179.7			59.4	20.4	77	1
STEYER 11409VT2PRORIBC	198.3			61.2	18.9	84	0	Pfister 3366RASS	178.7	209.6		57.5	20.6	82	0
NK N76A-3010	196.2	224.6		56.5	20.1	82	0	AgriGold A6579STX	178.7	219.2		60.8	20.1	82	3
Augusta 1564	195.9			57.9	19.1	96	0	Hoegemeyer HPT 8239 AM	178.5			62.0	21.6	79	0
DEKALB DKC64-35RIB Brand Blend	195.2			61.1	20.2	82	0	Warren Seed DS 9412SSX	178.0	201.1	211.2	57.8	20.4	90	0
Dyna-Gro D54VC52	195.0			60.7	20.2	94	0	Great Lakes 6462STXRIB	177.9	207.2	212.9	62.1	20.3	83	0
DEKALB DKC64-89RIB Brand Blend	194.0	222.0	219.9	62.2	18.4	86	0	Armor AXG6112	177.9			61.1	17.8	91	0
AgriGold A6559VT2RIB	193.8	210.2	215.0	62.0	19.8	89	0	LG Seeds LG5650VT2Pro	177.7			63.3	19.6	72	0
Stewart 8E663RIB	193.3	206.9	217.7	61.9	18.4	88	3	DEKALB DKC63-72RIB Brand Blend	176.9			59.8	17.6	80	0
Pioneer P1257AM	193.2	206.5	207.1	61.4	18.1	86	0	Brodbeck 57RA14	176.4			60.0	19.5	88	0
Seed Consultants SCS 1136YHR™	193.1			61.8	20.5	88	0	FS InVISION FS 62TV1DG RIB	176.3			59.2	18.3	82	0
Wyffels W7696RIB	192.6			59.4	19.1	91	0	STEYER 11506VT2PRORIBC	176.1			60.1	18.9	96	0
Caverndale CF839 3000GT	191.9			57.4	23.5	83	0	Stewart 8E753RIB	175.7	210.5	220.4	62.2	18.9	97	0
AgriGold A6544VT2PRO	190.9			60.8	19.6	83	0	Augusta 5062	175.5			63.0	20.2	79	1
Armor AXT6114	190.6			61.6	19.3	86	0	Beck 6589V2P	175.3			60.6	20.6	75	0
Pioneer P1316AM	190.6			60.3	19.6	91	0	Brodbeck 54RA14	174.9			57.6	20.2	84	0
Warren Seed DS 9713SSX	190.6	220.1	227.6	57.7	20.3	85	0	NK N70J-3111A	172.7	202.9		60.9	18.4	94	0
Dyna-Gro D54DC94	190.3	221.6		58.6	19.8	81	0	FS InVISION FS 63ZV1 RIB	172.0			63.7	18.6	85	0
Warren Seed DS 9314SSX	190.0	210.0	218.1	57.6	21.1	84	0	AgVenture RL8714AM	171.6			62.1	20.5	68	0
Dyna-Gro D52VC91	189.9	208.6	212.2	63.5	17.9	93	0	Armor 1500	169.5			60.5	21.6	67	0
Stewart 8A625	189.8			59.2	22.8	93	0	Great Lakes 6259VT2RIB	168.6			61.6	19.1	83	0
Beck 6365AM™* Brand	189.7	237.0		60.2	19.9	83	0	DEKALB DKC62-78RIB Brand Blend	167.7	182.3		60.6	18.9	73	0
PROGENY PGY4114VT2P	189.6	206.9	222.7	61.5	19.2	76	0	LG Seeds LG5663VT2RIB	167.2	192.8		60.9	20.6	89	0
Hoegemeyer HPT 8294 AM	189.2			59.7	19.6	82	0	LG Seeds LG5618STXRIB	165.4	179.1	196.4	61.3	20.4	75	0
NK Syngenta N74R-3122-EZO	188.9			58.2	20.0	88	0	Armor AXT6113	163.4			58.4	19.7	83	0
AgriGold A6619VT2RIBD1	188.3			59.0	19.9	87	1	AUGUSTA 6664	156.6	195.7	210.6	59.0	18.5	71	0
AgriGold A6517VT3PRIB	188.0	216.1	223.4	58.2	19.8	90	1	Warren Seed DS 9513SSX	155.4			58.8	19.3	97	0
Pioneer P1311AM	187.7			59.4	20.2	82	0	PROGENY PGY5115VT2P	155.0	183.2		59.1	18.1	93	1
FS InVISION FS 64SX1 RIB	187.5			61.4	19.6	84	0	DEKALB DKC62-08RIB Brand Blend	137.4	180.8	198.9	59.0	20.0	71	0
T.A. Seeds TA683-13VPRIB	187.3		200.3	61.4	19.3	93	0	Average	183.5	209.6	215.9	60.3	19.8	88	0
REV [®] 22BHR43™	186.6	201.6	214.1	61.5	19.8	82	0	C.V.	9.0	10.0	9.6	1.2	5.3	64	348
Caverndale CF842 GTCBLL	185.7			57.3	20.3	83	0	LSD	31.8	26.7	21.6	1.4	2.0	109	1
AgriGold A6572VT2PRO	184.5			63.7	19.0	82	0								

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 19, 2016; Harvested: September 7, 2016
 Soil type: Robbs silt loam; Previous crop: soybean; Fertilizer: 175/0/96

Table 15L. Late Hybrid¹ Corn Test—Webster County.

Name	YIELD (BU/AC)			TWT	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16 (LB/BU)				
DEKALB DKC67-44 Brand Blend	220.4			62.6	19.1	82	0
DEKALB DKC66-59RIB Brand Blend	209.1			61.6	18.6	92	0
AgriGold A6652VT2PRO	195.4			60.1	18.9	88	0
DEKALB DKC67-58RIB Brand Blend	194.9	198.9	208.4	61.6	20.7	89	0
Armor AXC6116	192.9			59.1	19.3	93	0
Caverndale CF 894 VT2PRO	190.8	207.2	212.6	59.4	24.1	86	0
Seed Consultants SC 11AGT74™	189.5	217.4		59.5	27.4	92	0
DEKALB DKC67-72RIB Brand Blend	188.9	200.5		59.8	20.4	94	0
AgriGold A6659VT2RIB	188.4	199.9	205.2	61.1	19.3	91	0
FS InVISION FS 66ZV1 RIB	188.2			61.7	19.3	91	0
DEKALB DKC66-75 Brand Blend	187.8			62.6	18.0	80	0
Hoegemeyer HPT 8616 AM	187.0			60.2	21.2	87	0
Dyna-Gro D56VC46	186.7			61.0	19.2	77	0
DEKALB DKC68-26 Brand Blend	185.0	225.9		60.4	20.0	86	0
Pioneer P1637AM	184.8	210.1	209.2	60.7	20.9	85	0
Caverndale CF 883GTCBLL	184.5	212.7	208.6	60.2	27.9	81	0
Great Lakes 6686VT2PRIB	183.3			61.2	20.0	92	0
Seed Consultants SCS 11HR63™	183.2	214.0	208.2	61.3	19.6	77	0
NK Syngenta N83D-3000GT	182.8			58.8	28.0	88	1
PROGENY PGY4117VT3P	182.4			61.5	18.6	85	1
CHANNEL 218-44VT2PRIB	180.7			61.1	22.3	83	0
Wyffels W8268	180.1			59.7	20.9	84	0
LG Seeds LG5701VT2RIB	179.5	193.4	194.9	60.9	19.8	77	0
Stewart 16DP117	176.6			61.2	20.9	73	0
Pioneer P2089AM	175.1	194.4	197.5	58.9	23.4	90	0
AgVenture RL9256HB	174.0			61.5	22.8	88	0
Stewart 17DP387	173.5			61.6	21.6	76	0
REV® 28HR20™	172.1	213.4	217.1	61.6	22.4	88	0
Augusta 7768	170.3	216.3		57.8	28.3	86	3
Wyffels W8918	169.1			61.8	20.5	66	0
CHANNEL 216-36VT2PRIB	168.9			61.6	19.6	66	0
PROGENY PGY6116VT2P	168.4			58.8	23.6	71	0
T.A. SEEDS TA767-22DPRIB	164.4			59.7	19.6	76	0
Beck 6674SX	160.6			61.3	20.9	64	0
Pioneer P1602AM	156.1	188.5	197.3	62.2	25.2	67	0
AgriGold A6711VT2PRo	156.0	197.9		60.3	23.6	70	1
Average	181.8	206.0	205.9	60.6	21.6	83	0
C.V.	9.9	10.4	10.0	1.2	8.1	15	297
LSD	34.9	27.7	21.9	1.4	3.4	23	1

¹ Late varieties: >115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planted: April 19, 2016; Harvested: September 6, 2016
 Soil type: Robbs silt loam; Previous crop: soybean; Fertilizer: 175/0/96

Table 15W. White Hybrid Corn Test—Webster County.

Name	YIELD (BU/AC)			TWT	MST (%)	STD (%)	LODG (%)
	2016	15-16	14-16 (LB/BU)				
Pioneer P1306WHR	196.4			62.5	19.4	96	0
AgriGold A6507WBtRR	191.7	209.1		63.4	17.9	88	1
Pioneer 33G60	177.5	196.5		63.0	18.1	90	3
Pioneer 32B16	176.3	191.3		60.2	19.3	86	0
Pioneer P1477WHR	174.1	211.6		62.6	20.0	86	0
Average	183.2	202.1		62.3	19.0	89	0
C.V.	4.6	6.2		1.1	2.4	8	170
LSD	19.9	18.0		1.6	1.1	17	3

Shaded cells are not significantly different from top yield (0.10)
 Planted: April 19, 2016; Harvested: September 6, 2016
 Soil type: Robbs silt loam; Previous crop: soybean; Fertilizer: 175/0/96

Table 16. Weather Data—Webster County.

Monthly Precipitation (in)	Average	Temperature		
		Highest	Lowest	
March	7.28	42.9	53.5	32.2
April	6.58	58.1	68.7	47.6
May	2.34	67.9	78.3	57.5
June	6.29	74.9	84.1	65.7
July	5.09	77	85.9	68.2
August	3.79	72.3	83.4	61.3
September	2.44	70.1	83.4	56.7

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