

2014 Kentucky Hybrid Corn Performance Test

Richard C. Kenimer, Ron W. Curd, and Chad Lee, Department of Plant and Soil Sciences

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 2014 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 are listed in order of grain yield. The yields of all hybrids likely

to yield as well as the highest-yielding hybrid are marked with a dark gray box. 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 2015. Representatives from seed companies select and nominate their own hybrids. They provide the seed Table 1 and identify the maturity and/or seed coat color.

Location of Tests

The map below 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. Two of the seven tests were irrigated (Fulton and Christian counties). Fulton included a non-irrigated test as well. These hybrids are tested in environments and at times are subject to damage. In 2014, the White test at Webster County was lost from extensive deer damage. One Pioneer hybrid at two locations was killed by mistake. The Late corn test at the Fulton non-irrigated site had a large amount

of variability (high CV) and was not used in the overall analysis.

Cultural Practices

Corn seed was planted no-till into soybean stubble at four locations and into tilled fields 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. Specific cultural treatment for each location is included in that location's table, which includes notes about the growing season.

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 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 vari-

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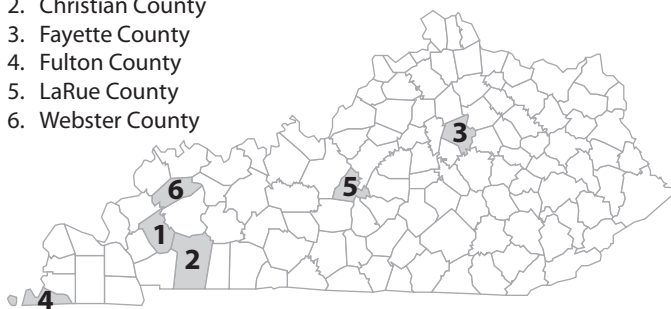
Table 1 Hybrids Tested in 2014

Yield Summaries and Weather Data

Summary Table	Location	Weather Table
2	State Summary	--
3	Caldwell County	4
5	Christian County—Irrigated	6
7	Fayette County	8
9	Fulton County—Irrigated	10
11	Fulton County—Rainfed	12
13	Larue County	14
15	Webster County	16

Locations of the 2014 Kentucky Hybrid Corn Performance Tests

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



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

<http://www2.ca.uky.edu/cornvarietytest/>

ability 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 John Deere Maxi-Emerge vacuum, two-row, no-till planter modified for small plot work. Two-row plots are suitable for comparing performance of hybrids to one another. Each hybrid seed was planted into plots consisting of two rows 30 inches apart and 22 feet long. Hybrid seed was planted at the following rates by county:

Site	County	Rate
1	Caldwell	28,000
2	Christian	36,000
3	Fayette	32,000
4	Fulton (both plots)	28,000
5	Larue	32,000
6	Webster	32,000

Table 1. Hybrids Tested in 2014.

Company	Hybrid	Trait ¹	Test ²	Color	CRM ³	
AgriGold Hybrids Justin Warren 618-943-5776 5381 Akin Rd St. Francisville, IL 62460 justin.warren@agrigold.com	A6408VT3PRIB	VT3PRO	E	Yellow	107	
	A6442STXRIB	STXRIB	E	Yellow	109	
	A6472VT3PRO	VT3PRO	E	Yellow	110	
	A6488VT2RIB	VT2RIB	E	Yellow	111	
	A6499VT3PRO	VT3PRO	M	Yellow	112	
	A6501VT3PRO	VT3PRO	M	Yellow	113	
	A6517VT3PRIB	VT3PRO	M	Yellow	113	
	A6524VT2RIB	VT2RIB	M	Yellow	113	
	A6533VT2RIB	VT2PRO	M	Yellow	113	
	A6559VT2PRO	VT2PRO	M	Yellow	113	
	A6573VT3PRIB	VT3PRO	M	Yellow	114	
	A6659VT3PRO	VT3PRO	L	Yellow	116	
	A6687VT2PRO	VT2PRO	L	Yellow	117	
	A6719VT2PRO	VT2PRO	L	Yellow	118	
	A6580WBtRR	BtRR	W	White	114	
	A6507WBtRR	BtRR	W	White	112	
Armor Seed Chris Ouzts 662-719-3157 PO Box 9 Waldenburg, AR 72475 chrisouzts@armorseed.com	700	PRO2	E	Yellow	107	
	AXC2108		E	Yellow	107	
	AXC3108		E	Yellow	108	
	AXT4109	PRO2	E	Yellow	109	
	AXC4110	SS	E	Yellow	110	
	AXT3111		E	Yellow	111	
	1262PRO2	PRO2	M	Yellow	112	
	1314	PRO2	M	Yellow	113	
	1330	PRO2	M	Yellow	113	
	AXT4113		M	Yellow	113	
	AXC3114		M	Yellow	114	
	1555	PRO2	M	Yellow	115	
	1550PRO2	PRO2	M	Yellow	115	
	1616	PRO3	L	Yellow	116	
Augusta Seed Corporation Matt Rawley 540-886-6055 PO Box 899 Verona, VA 24482 Matt.rawley@augustaseed.com	A5262	GTCBLL	M	Yellow	112	
	A6664	VT3Pro	M	Yellow	114	
	A7767	VT3Pro	L	Yellow	117	
	8868	VT3Pro	L	Yellow	118	
Beck's Hybrids Craig Moore 800-937-2325 6868 East 276th Street Atlanta, IN 46031 cmoore@beckshybrids.com	5828AM ^{TM*}	CBLLRR-RIB	E	Yellow	110	
	6175AM ^{TM*}	CBLLRR-RIB	M	Yellow	112	
	6347VR	GT	M	Yellow	112	
	6948A3	CBLLRWGT	M	Yellow	113	
	6967VR	CB, GT, LL	M	Yellow	114	
	(XL brand)	XL 6175AM ^{TM*}	CBLLRR-RIB			
		XL 6626AM ^{TM*}	CBLLRR-RIB			
	(Phoenix brand)	5832A3 ^{**}	CBLLRWGT	E	Yellow	112
		6542A4 ^{**}	CBLLRWGTBL	M	Yellow	115
	Caverndale Farms Brand Seed Barry Welty 859-236-2150 1921 Bluegrass Pike Danville, KY 40422 bwelty@kywimax.com	CF 834 VT2PRO	RRCB	M	Yellow	112
CF 837 GTCBLL		GTCBLL	M	Yellow	113	
CF 894		VT2PRO	L	Yellow	117	
CF 883		GTCBLL	L	Yellow	117	
Channel David Haines 574-870-9207 PO Box 681493 Franklin, TN 37068 david.haines@monsanto.com	209-46STXRIB	STXRIB	E	Yellow	109	
	213-57VT2PRIB	VT3Pro	M	Yellow	113	
	215-52VT3PRIB	VT3Pro	M	Yellow	115	
	217-08VT3PRIB	VT3Pro	L	Yellow	117	
	Dyna-Gro Seed Chris Hummel 573-470-1499 15969 Hwy J Bowling Green, MO 63334 Chris.hummel@cpsagu.com	D50VC43	VT2Pro	E	Yellow	110
D52VC91	VT2Pro	E	Yellow	112		
D53VC13	VT2Pro	M	Yellow	113		
D55VP77	VT3Pro	M	Yellow	115		
Gromark (InVISION brand) Matthew Free 309-642-4804 1701 Towanda Ave Bloomington, IL 61702-2500 mfree@growmark.com	FS60ZV1RIB	VT2P	E	Yellow	110	
	FS61JV1RIB	VT2P	E	Yellow	111	
	FS62SV1RIB	VT2P	M	Yellow	112	
	FS63SV1RIB	VT2P	M	Yellow	113	
	FS64MX1RIB	SSX	M	Yellow	114	
	FS65SV4RIB	VT3P	M	Yellow	115	
FS66JV1RIB	VT2P	L	Yellow	116		

* XL[®] Brand seed is distributed by Beck's Superior Hybrids, Inc. XL[®] is a trademark of Dupont Pioneer Hi-Bred.
** Phoenix[™] brand is distributed by Beck's Superior Hybrids, Inc. Phoenix[™] is a trademark of a Syngenta Group Company.

continued

Harvesting

All plots were harvested with a Wintersteiger Delta two-row combine. Both rows of each two-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. Christian County had an abnormally large amount of lodging. This is mainly due to green snap from a storm system that moved through in late July.

The Kentucky Hybrid Corn Performance Test is divided into four tests: Early, Medium, 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

Table 1. Hybrids Tested in 2014 (continued).

Company	Hybrid	Trait ¹	Test ²	Color	CRM ³
Great Lakes Hybrids Phil Brunner 317-440-0572 8817 Ginnylock Dr. Indianapolis, IN 46256 Phil.brunner@greatlakeshybrids.com	6068STXRIB	STXRIB	E	Yellow	110
	6354VT3PRIB	VT3Pro	M	Yellow	113
	6462STXRIB	STXRIB	M	Yellow	114
	6686VT3PRIB	VT3Pro	M	Yellow	116
LG Seeds Jesse Grogan 765-426-2763 22827 Shissler Road Elmwood, IL 61529 Jesse.grogan@lgseeds.com	LG2555VT3PRIB	VT3Pro	E	Yellow	110
	LG5607VT2RIBRIB	VT3Pro	E	Yellow	111
	LG5618STXRIB	STXRIB	M	Yellow	112
	LG5622STX	STX	M	Yellow	113
	LG2636VT3PRIB	VT3Pro	M	Yellow	114
	LG5638VT2PRO	VT2PRO	M	Yellow	114
Monsanto Glenn Murphy 502-377-5053 264 Persimmon Ridge Dr Louisville, KY 40245 glen.p.murphy@monsanto.com	DKC60-67RIB	GENSSRIB	E	Yellow	110
	DKC61-89	GENVT2PRIB	E	Yellow	111
	DKC62-08	GENSSRIB	M	Yellow	112
	DKC62-77RIB	GENSSRIB	M	Yellow	112
	DKC63-35RIB	GENVT2PRIB	M	Yellow	113
	DKC64-89RIB	GENVT2PRIB	M	Yellow	114
	DKC65-19	GENVT3PRIB	M	Yellow	115
	DKC66-40	GENSSRIB	L	Yellow	116
Mycogen Chris Wiley 270-438-6534 9330 Zionsville Rd. Indianapolis, IN 46268-1054	2A749	SSX-RA	E	Yellow	111
	2V709	SSX-RA	E	Yellow	111
	2V717	SSX-RA	E	Yellow	112
	2V779	SSX-RA	M	Yellow	112
	2C799	SSX-RA	M	Yellow	112
	2Y767	SSX-RA	M	Yellow	113
	2C788	SSX-RA	M	Yellow	114
Syngenta (NK brand) Sarah Gehant 270-307-4440 4320 Upton Talley Rd Upton, KY 42784 Sarah.gehant@syngenta.com	N70J-3011A	GT, CB, RW, LL	E	Yellow	112
	N74R-3000GT	GT, LL	M	Yellow	114
	N75H-5122A	GT, CB, RW, LL	M	Yellow	114
	N83D-3000GT	GT, LL	L	Yellow	118
Pfister Seeds Brad Johnson 515-681-9092 205 McCormick Ave Rhodes, IA 50234 bjohnson@pfisterseeds.com	2574RA	RA/SS	E	Yellow	110
	2672RA	RA/SS	E	Yellow	111
	2674RA	RA/SS	E	Yellow	112
	3366RA	RA/SS	E	Yellow	112
	2874RA	RA/SS	M	Yellow	113
	2770RA	RA/SS	M	Yellow	113
	3488HR	HX1/RR2	M	Yellow	115
	3497RA	RA/SS	M	Yellow	117
	Pioneer Hi-Bred International, Inc. George Stabler 803-308-1003 425 Abbeydale Way Columbia, SC 29229 George.Stabler@pioneer.com	P1105AM	AM, LL, RR2	E	Yellow
P1197AM		AM, LL, RR3	E	Yellow	111
P1257AM		AM, LL, RR4	M	Yellow	112
P1319HR		HX1, LL, RR2	M	Yellow	113
P1479AM		AM, LL, RR4	M	Yellow	114
P1498AM		AM, LL, RR5	M	Yellow	114
P1602AM		AM, LL, RR6	L	Yellow	116
P1637AM		AM, LL, RR7	L	Yellow	116
P2089AM		AM, LL, RR8	L	Yellow	120
33G60		HX1, LL, RR2	W	White	114
P1431W		Conv	W	White	114
P1477WHR		HX1, LL, RR2	W	White	114
32B16		HX1, LL, RR2	W	White	117
Progeny Ag Products Brian Murray 870-208-4428 1529 HWY 93 Wynne, AR 72396 bmurray@progenyag.com		PGY 4114	GENVT2P	M	Yellow
	PGY 4115	GENVT2P	M	Yellow	115
Seed Consultants Inc. Bill Mullen 740-333-8644 648 Miami Trace Rd. SW Washington Court House, OH 43160 bmullen@seedconsultants.com	SCS 10HR43™	HX1, LL, RR2	E	Yellow	103
	SCS 1094AM-R™	YGCB, HX1, RR2	E	Yellow	108
	SC11AQ15	GT/RW/CB/LL	E	Yellow	111
	SC11AQ35™	GT/RW/CB/LL	M	Yellow	112
	SCS 1131AM-R™	YGCB, HX1, RR2	M	Yellow	113
	SC11AGT43™	GT/CB/LL	M	Yellow	113
	SCS 1154YHR	YGCB, HX1, RR2	M	Yellow	114
SCS 11HR63™	HX1/LL/RR2	L	Yellow	116	

continued

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.
- Carlos Tucker and family of Sonora, Ky.
- Rob Garrigan and family 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.

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- Laura Jane Phelps, student from the University of Kentucky
- Mark Thomas, local Pioneer representative for supplying seed for borders
- Ben Mullins, Adult Ag Instructor, Fulton/Hickman Counties, KCTCS
- Jay Stone, Extension Agent, Christian County, Ky.
- Vicki Shadrack, Extension Agent, Webster County, Ky.
- David Harrison, Extension Agent, Larue County, Ky.

Source of Seeds

The seeds planted in the 2014 Hybrid Corn Performance Test were acquired from the sources listed in Table 1.

Table 1. Hybrids Tested in 2014 (continued).

Company	Hybrid	Trait ¹	Test ²	Color	CRM ³
Stewart Seeds	7E253RIB	VT2P	E	Yellow	108
Justin Petrosino	7E743RIB	VT2P	E	Yellow	110
419-681-3427	7E833RIB	VT2P	E	Yellow	111
2230 E County Road 300 N	8E623RIB	VT2P	M	Yellow	112
Greensburg, IN 47240	8E663RIB	VT2P	M	Yellow	113
justin.petrosino@stewartseeds.com	8E753RIB	VT2P	M	Yellow	113
	8A305RIB	GENSS	M	Yellow	114
	8A560RIB	GENSS	M	Yellow	114
Steyer Seeds	11103	VT2PRORIBC	E	Yellow	111
Joe Steyer	11209	VT2PRORIBC	M	Yellow	112
419-355-6708	11304	VT2PRORIBC	M	Yellow	113
PO Box 209	11407	VT3PRORIBC	M	Yellow	115
Old Fort, OH 44861	11504	VT2PRORIBC	M	Yellow	115
joesteyer@yahoo.com	11604	VT2PRORIBC	L	Yellow	116
T.A. Seeds	TA108-18	GT	E	Yellow	108
Cory Chelko	TA583-22DPRIB	VT2P	E	Yellow	108
570-772-3262	TA625-31	VIP3111	E	Yellow	110
39 Seeds Lane	TA647-22DPRIB	VT2P	E	Yellow	111
Jersey Shore, PA 17740	TA683-13VPRIB	VT3P	M	Yellow	112
cchelko@taseeds.com	TA753-28RIB	SSX	M	Yellow	115
	TA765-30	VIP3110	M	Yellow	115
	TA784-13VPRIB	VT3P	L	Yellow	118
	TA790-20	3000GT	L	Yellow	119
Terral Seed, Inc.	REV [®] 17HR73™	HX1/LL/RR	E	Yellow	107
Phil Michener	REV [®] 18BHR84™	YGCB/HX1/LL/RR	E	Yellow	108
318-231-8800	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
pmichener@terraseed.com	REV [®] 25BHR44™	YGCB/HX1/LL/RR	M	Yellow	115
	REV [®] 27HR83™	HX1/LL/RR	L	Yellow	117
	REV [®] 28HR20™	HX1/LL/RR	L	Yellow	118
	REV [®] 28R10™	RR	L	Yellow	118
Warren Seed & Agronomy Service	DS 9111SSX	SSX	E	Yellow	111
Lanny Warren	DS 9212SSX	SSX	E	Yellow	112
731-234-2921	DS 9610	3000 GT	E	Yellow	110
208 South Thompson St	DS 9311SSX	SSX	M	Yellow	111
Union City, TN 38261	DS 9314SSX	SSX	M	Yellow	114
lanny.warren@charter.net	DS 9713SSX	SSX	M	Yellow	113
	DS 11509SSX	SSX	M	Yellow	114
	DS 9217SSX	SSX	L	Yellow	117
Wyffels Hybrids	W7736RIB	GENVT2PRO	M	Yellow	113
Mitch Heisler	W7806RIB	GENVT2PRO	M	Yellow	113
309-945-7032	W7888RIB	GENSS	M	Yellow	114
13344 US Hwy 6	W8377	GENVT3PRO	M	Yellow	115
Geneseo, IL 61254					
mheisler@wyffels.com					

¹Trait (R = resistance; T = tolerance):

A3: Syngenta 3000 GT (Triple)
AM: AcreMax = YieldGard corn borer (R), Herculex corn rootworm (R), Liberty Link glufosinate (T), glyphosate (T), 5% refuge in a bag
BT: Corn borer (R)
BTB: Corn borer (R)
BTRW: Corn rootworm (R)
CB: Corn borer (R)
CL: Clearfield Corn imidazolinone (T)
Conv: Conventional, No GMO Traits
GENVT3P: Roundup Ready 2 glyphosate (T), YieldGard VT corn borer (R), corn rootworm (R)
GT3000: AgriSure glyphosate (T), AgriSure corn borer (R) and AgriSure corn rootworm (R)
GT: AgriSure glyphosate (T)
HX&HX1: Herculex corn rootworm (R)
HXT: Herculex glufosinate (T), corn borer (R), corn rootworm (R), cutworm (T)
IT: Clearfield imidazolinone (T)
LL: Liberty Link glufosinate (T)
RHXT: Liberty Link glufosinate (T), Roundup Ready glyphosate (T), Herculex corn borer (R), Herculex corn rootworm (R), Herculex cutworm (T)
RIB: Refuge in a Bag
RR: Roundup Ready Corn glyphosate (T)
RR2: Roundup Ready Corn 2 glyphosate (T)
Smart Stax (SS, STX, or SSX): Roundup Ready glyphosate (T), Liberty Link glufosinate (T), YieldGard corn borer (R), Herculex corn rootworm (R), Herculex corn borer (R), YieldGard corn rootworm (R), Herculex cutworm (T)

TS: Roundup Ready glyphosate (T), YieldGard corn borer (R), YieldGard corn rootworm (R)
YG: YieldGard corn borer (R)
YGBT: YieldGard corn borer (R)
YGC: YieldGard corn borer (R)
YGRW: YieldGard corn rootworm (R)
YHR: YieldGard corn borer (R), Herculex corn rootworm (R), Liberty Link glufosinate (T), glyphosate (T)
VT3: Roundup Ready glyphosate (T), YieldGard VT corn borer (R) and YieldGard corn rootworm (R)
VT3P: Roundup Ready 2 glyphosate (T), YieldGard VT corn borer (R) and YieldGard VT corn rootworm (R)
VT3PRO: Roundup Ready 2 glyphosate (T), YieldGard VT corn borer (R) and YieldGard VT corn rootworm (R)
VT3PRORIBC: Roundup Ready 2 glyphosate (T), YieldGard VT corn borer (R) and YieldGard VT corn rootworm (R), Refuge in a Bag
VT2PRO: Roundup Ready 2 glyphosate (T), YieldGard VT corn borer (R)
QUAD: Herculex Xtra, Liberty Link glufosinate (T), glyphosate (T)
VT2PRORIBC: Roundup Ready 2 glyphosate (T), YieldGard VT corn borer (R), Refuge in a Bag
RA: Refuge Advanced
BL:
RW: Corn rootworm (R)

²Test: E = Early, M = Medium, L = Late, W = White

³CRM: Cumulative Relative Maturity

TM = Trade Mark:

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

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	2013-14	2012-14				
Pioneer P1197AM	228.3			60.6	17.8	89	0
DEKALB DKC61-89RIB	219.0	205.0		60.9	17.6	94	1
Pioneer P1105AM	217.0			60.6	18.1	93	0
T.A. Seeds TA625-31	212.4			59.6	19.0	95	2
Beck XL 5282AM™*	210.6	197.4		60.7	17.6	94	0
REV® 18BHR84™	208.4			60.9	17.4	96	0
Stewart 7E833RIB	207.9			60.7	17.8	91	0
T.A. Seeds TA647-22DPRIB	207.0			61.2	17.3	93	0
Stewart 7E743RIB	206.5	196.7		60.9	17.5	93	0
Pfister 3366RA	206.4			59.7	18.9	94	0
LG Seeds LG2555VT3PRIB	205.7	197.6	197.9	60.5	17.7	93	2
AgriGold A6488VT2RIB	205.2			60.4	18.2	93	0
Warren Seed DS 9111SSX	205.1	197.1	193.4	60.3	18.1	95	0
InVISION FS61JV1RIB	204.1			60.6	17.9	94	0
Pfister 2574RA	203.6			60.5	17.7	91	0
Seed Consultants SCS 1094AM™	202.9	196.8		61.1	17.2	94	0
LG Seeds LG5607VT2RIB	202.6			60.4	18.0	93	0
Seed Consultants SCS10HR43™	202.5			62.3	15.7	92	1
Pfister 2674RA	202.1			60.8	17.3	95	2
STEYER 11103	201.8	193.8		60.7	17.9	94	0
Seed Consultants SC 11AQ15	201.1			59.0	19.8	93	1
Armor AXT3111	201.0			60.4	18.0	87	0
Mycogen 2V717	200.0	190.1		60.5	17.7	89	0
Armor AXC2108	199.8			62.2	15.8	91	0
Channel 209-46STXRIB	199.5			60.7	17.7	94	0
AgriGold A6472VT2RIB	198.6			60.6	18.0	94	0
Armor AXC4110	198.5			61.5	16.6	93	0
Warren Seed DS 9610	197.6	195.9	192.6	60.5	17.9	92	0
AgriGold A6442STXRIB	197.6			61.0	17.3	89	0
InVISION FS60ZV1RIB	197.5			60.8	17.6	90	0
Armor AXC3108	196.5			61.1	17.4	95	0
DEKALB DKC60-67RIB	196.1			60.9	17.7	95	0
Mycogen 2V709	195.8	190.7		60.4	18.0	87	0
Dyna-Gro D50VC43	194.4			61.0	17.4	88	0
Pfister 2672RA	194.3			59.8	18.4	93	0
T.A. Seeds TA583-22DPRIB	192.5			62.1	15.9	88	0
Armor AXT4109	191.9			60.5	18.1	94	0
REV® 17HR73™	191.7	184.5		61.5	16.6	93	0
Great Lakes 6068STXRIB	190.9			61.3	17.0	87	0
AgriGold A6408VT3PRIB	190.9	183.0		61.3	16.6	91	0
Armor 0700	190.5			62.2	15.9	93	0
Mycogen 2A749	186.0	179.0		60.0	18.2	92	0
T.A. Seeds TA108-18	185.6			60.2	18.3	86	0
Stewart 7E253RIB	178.1			61.5	16.7	88	0
Average	200.6	192.9	194.6	60.8	17.6	92	0
C.V.	7.8	8.6	9.2	1.0	4.4	8	447
LSD (0.10)	11.2	22.7	19.8	0.4	0.6	5	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 (%)
	2014	13-14	12-14						2014	13-14	12-14				
Steyer 11504 VT2PRORIBC	225.3	202.2		60.3	18.6	92	0	Warren Seed DS 9713SSX	200.7	195.7		58.8	19.9	91	1
Beck XL 6626AM™	222.7	218.6		59.5	19.5	90	0	Wyffels W8377	200.6			58.7	20.3	88	0
PROGENY PGY4114VT2P	222.0			60.4	18.3	88	0	REV® 22BHR43™	200.2	188.4		60.1	18.8	91	0
REV® 24BHR93™	221.5	214.8		59.2	19.9	92	1	Dyna-Gro D55VP77	200.1	194.1		59.7	19.3	89	0
REV® 23BHR55™	217.7			60.1	18.6	91	0	Seed Consultants SC11AQ35™	199.4			59.7	18.8	90	0
Seed Consultants SCS 1131AM-R™	214.9	208.9		59.3	19.9	91	1	Pfister 3497RA	199.1			56.7	23.0	92	2
T.A. Seeds TA753-28RIB	211.4			59.5	19.6	89	0	Dyna-Gro D52VC91	199.1	191.7		59.8	19.2	89	0
Beck XL 6175AM™	210.4	199.5		59.9	19.1	91	0	Warren Seed DS11509SSX	198.8			59.6	18.6	91	0
LG Seeds LG5638VT2PRO	209.5			59.3	19.7	93	0	DEKALB DKC62-08RIB	198.5	201.1		60.2	18.4	88	0
Pioneer P1319HR	209.1	197.8	195.6	60.0	19.1	90	0	Pioneer P1257AM	197.2			60.4	18.0	89	0
Wyffels W7806RIB	208.1			59.6	19.4	89	0	LG Seeds LG2636VT3RIB	196.9	192.6	189.8	59.5	19.1	89	0
Armor 1330	207.9			60.1	18.7	90	0	AgriGold A6574STX	196.3			58.9	20.3	90	0
Stewart 8E663RIB	207.9	199.4		59.6	19.4	89	0	Armor 1555	196.2			59.4	19.7	85	0
AgriGold A6559VT2PRO	207.0	200.9		60.3	18.3	90	0	Beck 6347VR	195.8			59.8	19.3	89	2
DEKALB DKC63-35RIB	207.0			60.5	18.1	90	0	DEKALB DKC62-77RIB	195.7			60.5	18.0	93	0
NK N75H-5122A	206.9			59.4	19.6	89	0	LG Seeds LG5618STXRIB	195.4	194.5		59.4	19.7	91	0
AgriGold A6501VT2RIB	205.9			60.1	19.0	88	0	Great Lakes 6354VT3PRIB	195.4	187.1		59.9	18.6	85	0
AgriGold A6499STXRIB	205.9			59.3	19.9	92	0	Pfister 3488HR	195.3	188.3	193.5	57.5	21.6	90	1
Steyer 11407 VT3PRORIBC	205.6	198.5	201.2	59.2	19.8	93	0	Mycogen 2V779	195.2	194.4		59.8	18.5	92	0
Phoenix 5832A3**	205.3	191.3		60.4	18.2	92	1	T.A. Seeds TA683-13VPRIB	194.8			60.3	18.3	92	0
InVISION FS65SV4RIB	205.1			59.0	20.5	89	0	STEYER 11209	194.5			60.0	18.9	93	0
PROGENY PGY4115VT2P	204.8			59.8	19.2	93	0	Pfister 2770RA	194.4	183.7		58.9	20.1	94	0
REV® 25BHR44™	204.7			58.6	21.0	93	0	Beck 6948A3	194.2	185.6		58.9	20.2	90	1
Dyna-Gro D53VC13	204.6	197.9		60.4	18.2	86	0	Stewart 8A560RIB	194.1			59.3	19.8	91	0
Channel 213-57VT2PRIB	204.5	197.9		60.0	18.5	92	0	Stewart 8A305RIB	192.9			60.5	18.0	87	0
T.A. Seeds TA765-30	204.3			59.4	20.0	91	0	Pioneer P1498YHR	192.4	191.0	197.3	59.7	19.3	92	2
Seed Consultants SCS 1154YHR™	204.3	199.5		58.6	20.9	92	0	Mycogen 2C799	192.3			59.5	19.1	90	0
Mycogen 2Y767	204.1	196.6		58.9	20.0	93	0	Warren Seed DS 9314SSX	191.5	189.0		59.0	19.8	91	0
Pioneer P1479AM	203.8			59.5	19.6	90	0	InVISION FS64MX1RIB	191.4			60.1	18.5	86	0
Augusta A5262GTCBLL	203.1	198.0		59.0	19.6	92	1	NK N70J-3011A	191.3	185.7		60.1	18.5	90	2
Stewart 8E623RIB	202.9			59.7	19.0	93	0	Caverdale CF 834 VT2PRO	190.1	190.0		59.4	19.8	82	0
AgriGold A6524VT2RIB	202.8			59.5	19.2	88	0	AgriGold A6573VT2RIB	190.1			60.1	18.5	89	1
Wyffels W7888RIB	202.6			59.3	19.7	94	0	InVISION FS62SV1RIB	189.1			60.7	18.0	88	0
InVISION FS63SV1RIB	202.4			58.9	20.3	91	0	Warren Seed DS 9311SSX	189.1	189.1		59.6	18.7	90	0
Warren Seed DS 9212SSX	202.4	194.9		60.5	17.7	92	0	Channel 215-52VT3PRIB	188.1	195.8	203.5	59.9	19.0	86	0
Seed Consultants SC11AGT43™	202.2			58.2	21.2	88	0	STEYER 11304	186.5			61.2	17.4	89	0
Armor AXC3114	202.0			59.2	19.8	89	0	DEKALB DKC65-19RIB	186.1	187.1		59.4	19.9	82	0
AUGUSTA 6664	202.0			59.4	19.7	87	0	Caverdale CF 837 GTCBLL	185.8	184.9		57.9	21.5	86	0
Stewart 8E753RIB	201.5	192.9		59.3	19.7	90	0	Armor AXT4113	183.9			61.2	17.4	89	0
Phoenix 6542A4**	201.4	202.2		58.7	20.5	88	0	Armor 1262PRO2	183.4	179.0	180.3	60.8	17.9	88	0
Pfister 2874RA	201.2			59.4	19.1	90	0	Mycogen 2C788	183.2			59.0	19.9	90	0
Wyffels W7736RIB	201.1			59.4	19.6	87	0	LG Seeds LG5622STX	182.6			60.6	17.9	88	0
DEKALB DKC64-89RIB	201.0			60.7	17.9	91	0	Armor 1314	180.1			61.0	17.3	86	0
NK N74R-3000GT	201.0			58.8	20.3	90	0	AgriGold A6533VT2RIB	177.3	169.8	173.2	60.8	17.6	86	0
Great Lakes 6462STXRIB	200.8			59.3	19.9	86	0	Armor 1550PRO2	175.1	176.3		60.0	19.2	87	0
AgriGold A6517VT3PRIB	200.8	192.9	195.9	59.8	18.6	90	2	Average	199.4	194.4	193.8	59.6	19.3	90	0
								C.V.	9.2	9.5	10.1	1.1	4.3	10	422
								LSD (0.10)	13.2	25.1	18.8	0.5	0.6	6	1

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 (%)
	2014	13-14	12-14				
T.A. Seeds TA790-20	212.6			57.6	22.0	94	2
DEKALB DKC66-40RIB	208.5	200.4		59.0	20.4	93	0
REV [®] 28HR20™	208.5	215.3	199.5	58.4	21.2	91	0
Pioneer P1602AM	207.5			59.1	20.4	88	0
Caverdale CF 894 VT2PRO	205.3	197.5		58.2	21.3	94	0
Pioneer P1637AM	202.5			59.4	19.9	93	1
Pioneer P2089AM	202.4			57.9	21.5	92	0
AUGUSTA 8868	201.4			58.7	20.5	92	0
Caverdale CF883GTCBLL	201.4			57.0	22.8	91	1
Great Lakes 6686VT3PRIB	201.1	197.2		59.5	19.5	92	0
Armor 1616	200.0			58.4	21.1	88	0
Seed Consultants SCS 11HR63™	199.1	202.8	195.8	59.5	19.7	94	2
T.A. Seeds TA784-13VPRIB	198.0			58.7	20.6	86	0
Augusta A7767VT3PRO	197.5	200.1		58.1	21.3	92	0
AgriGold A6659VT2RIB	197.1			58.7	20.7	86	0
REV [®] 27HR83™	196.3	187.8	198.3	59.1	20.3	90	2
InVISION FS66JV1RIB	196.3			59.2	19.9	93	0
REV [®] 28R10™	195.9	201.7	190.7	58.7	20.9	86	1
AgriGold A6687VT2PRO	194.0	189.9		58.8	20.4	92	0
NK N83D-3000GT	192.3			56.8	23.4	87	0
DEKALB DKC67-58RIB	191.8	183.0		58.9	20.3	93	0
AgriGold A6719VT2PRO	191.1			58.7	20.5	91	2
Channel 217-08VT3PRIB	190.5	195.3	202.5	58.6	20.7	90	0
STEYER 11604	189.2			58.3	21.2	85	0
LG Seeds LG5701VT2RIB	188.3			58.8	20.7	91	1
Warren Seed DS9217SSX	186.3			56.9	22.8	92	1
Beck 6967VR	183.7			57.3	22.6	95	7
Average	198.2	204.8	195.1	58.4	21.0	91	0
C.V.	9.4	9.4	9.7	1.2	5.6	8	245
LSD (0.10)	14.5	25.1	18.2	0.6	0.9	6	2

¹ Late varieties: >115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)

Table 2W. White Hybrid¹ Corn Test—State Summary.

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014						
Pioneer P1477WHR	194.0			60.7	18.1	92	0
AgriGold A6507WBtRR	180.8			61.4	17.3	92	3
Pioneer 32B16	178.0			60.1	18.6	90	3
Pioneer 33G60	176.3			60.0	18.7	87	4
AgriGold A6580WBtRR	169.8			60.2	18.6	84	3
Pioneer P1431W	148.9			60.6	17.2	89	0
Average	174.6			60.5	18.1	90	2
C.V.	9.4			1.01	4.6	11	116
LSD (0.10)	5.7			1.8	0.6	3	1

¹ White varieties: 112-117 days to maturity
 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 (%)
	2014	13-14				
Pfister 3366RA	197.2		61.9	16.0	93	0
T.A. Seeds TA625-31	188.0		62.6	15.3	94	0
Armor AXC4110	186.7		63.5	14.2	91	3
Pioneer P1197AM	185.0		62.5	15.4	94	0
DEKALB DKC61-89RIB	177.6	177.0	63.1	14.7	90	0
LG Seeds LG5607VT2RIB	175.9		62.8	15.1	95	0
Seed Consultants SCS10HR43™	175.8		63.7	13.9	94	0
REV® 18BHR84™	173.7		63.0	14.9	94	0
Dyna-Gro D50VC43	173.6		62.9	15.0	94	0
Warren Seed DS 9111SSX	173.5	186.5	62.8	15.2	97	0
Armor AXT3111	171.9		62.7	15.0	88	0
InVISION FS60ZV1RIB	171.7		63.4	14.5	92	0
Stewart 7E833RIB	170.9		62.8	15.1	94	0
Armor AXC2108	170.8		64.8	12.8	91	0
InVISION FS61JV1RIB	170.3		62.6	15.4	96	0
T.A. Seeds TA647-22DPRIB	169.6		63.7	14.2	93	0
AgriGold A6442STXRIB	165.6		63.5	14.6	89	0
Beck XL 5282AM™*	165.1	159.6	63.5	14.2	92	0
Seed Consultants SC 11AQ15	164.6		61.1	17.3	89	0
Great Lakes 6068STXRIB	164.0		63.4	14.2	88	0
STEYER 111103	163.4	175.2	63.0	14.9	97	0
Pfister 2674RA	162.5		63.0	14.7	96	0
Armor 0700	162.4		64.6	13.0	93	0
T.A. Seeds TA108-18	161.2		62.0	16.1	89	0
Stewart 7E743RIB	161.2	180.4	63.5	14.5	95	0
LG Seeds LG2555VT3PRIB	159.9	166.5	62.9	15.0	90	0
Pfister 2574RA	159.5		63.3	14.5	93	0
AgriGold A6488VT2RIB	158.9		63.3	14.6	93	0
AgriGold A6472VT2RIB	158.5		62.8	15.5	97	0
Mycogen 2V709	158.2	170.2	63.1	14.8	88	0
Pioneer P1105AM	158.1		62.8	15.0	97	0
Mycogen 2A749	157.3	159.4	62.2	15.7	96	0
Warren Seed DS 9610	156.4	179.7	62.4	15.5	97	0
Mycogen 2V717	156.0	168.0	62.6	15.2	87	0
AgriGold A6408VT3PRIB	156.0	155.7	63.6	13.7	95	0
Channel 209-46STXRIB	155.0		63.1	14.9	95	0
Armor AXC3108	154.6		63.7	13.9	97	0
T.A. Seeds TA583-22DPRIB	154.3		64.8	12.7	88	0
DEKALB DKC60-67RIB	154.0		63.3	14.7	93	0
Seed Consultants SCS 1094AM™	153.2	170.9	63.2	14.4	92	0
REV® 17HR73™	152.9	160.3	63.3	14.5	90	0
Stewart 7E253RIB	149.6		63.8	13.8	88	0
Pfister 2672RA	147.9		62.5	15.0	89	0
Armor AXT4109	143.4		63.1	14.7	95	0
Average	164.7	170.0	63.1	14.7	93	0
C.V.	11.5	11.5	1.0	5.2	6	663
LSD (0.10)	36.8	26.3	1.2	1.5	10	0

¹ Early varieties: <112 days to maturity

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

Planting date: April 18, 2014; Harvest date: September 22, 2014

Soil type: Crider/Nolin Silt Loam; Previous Crop: soybean; Fertilizer: 165/0/0

*2012 data not available because of drought

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 (%)
	2014	13-14						2014	13-14				
T.A. Seeds TA753-28RIB	221.5		61.6	16.6	91	0	STEYER 11304	161.7		63.1	15.2	92	0
AgriGold A6499STXRIB	195.7		60.5	18.4	93	0	InVISION FS62SV1RIB	160.7		62.7	15.5	89	0
Phoenix 5832A3**	194.2	168.8	62.5	15.4	89	0	Armor AXT4113	160.6		63.2	15.1	83	0
Dyna-Gro D53VC13	193.8	190.4	62.6	15.6	91	0	Phoenix 6542A4**	160.4	181.2	60.5	17.9	87	1
Mycogen 2Y767	189.7	193.7	59.9	18.7	94	0	DEKALB DKC62-77RIB	160.4		62.3	15.8	94	0
Steyer 11504 VT2PRORIBC	189.2	190.6	62.6	15.9	89	0	NK N74R-3000GT	160.3		61.2	17.0	93	0
InVISION FS65SV4RIB	187.9		60.2	18.9	90	0	Stewart 8E663RIB	159.9	171.3	61.6	17.0	81	0
DEKALB DKC63-35RIB	187.3		62.7	15.4	92	0	Pioneer P1319HR	158.8	178.8	61.7	16.9	86	0
Wyffels W7736RIB	180.6		60.9	17.6	90	0	Armor 1555	158.8		61.3	17.6	94	0
Mycogen 2C799	180.2		62.0	16.2	97	0	LG Seeds LG2636VT3RIB	158.7	174.9	62.0	15.9	90	0
Dyna-Gro D52VC91	179.8	177.2	61.1	17.5	93	0	AUGUSTA 6664	158.4		60.9	17.9	92	0
Great Lakes 6462STXRIB	178.3		60.4	18.4	91	0	LG Seeds LG5622STX	158.2		62.2	16.2	90	0
Wyffels W7806RIB	178.1		61.3	17.4	86	0	Pioneer P1498YHR	157.9	176.1	61.7	16.7	92	0
REV® 24BHR93™	177.4	204.4	61.9	16.4	93	0	Armor AXC3114	157.3		61.1	17.5	89	0
Warren Seed DS11509SSX	177.1		60.8	17.0	93	0	Stewart 8E623RIB	156.9		62.3	16.0	93	0
Seed Consultants SC11AQ35™	176.6		61.3	16.9	94	1	Stewart 8A305RIB	156.6		62.5	15.4	89	0
AgriGold A6559VT2PRO	176.5	181.4	63.0	15.0	94	0	Pfister 2874RA	156.1		62.3	15.5	91	0
Beck XL 6626AM™™	176.2	197.8	61.8	16.6	89	0	Seed Consultants SCS 1131AM-R™	155.8	185.9	62.0	16.4	95	0
Pfister 2770RA	176.1	170.7	60.0	18.6	93	0	Great Lakes 6354VT3PRIB	155.5	170.1	61.9	16.1	91	0
NK N70J-3011A	176.1	174.5	62.8	15.2	95	0	Beck 6948A3	155.4	170.1	60.8	17.7	85	0
DEKALB DKC65-19RIB	174.9	174.9	60.8	18.1	89	0	Augusta A5262GTCBLL	154.6	173.9	61.3	16.7	92	0
Seed Consultants SC11AGT43™	173.6		59.5	19.5	94	0	AgriGold A6533VT2RIB	154.1	157.0	63.7	14.0	80	0
Seed Consultants SCS 1154YHR™	172.4	182.3	61.2	17.5	84	1	Pfister 3497RA	152.7		58.8	20.4	95	0
DEKALB DKC62-08RIB	172.4	186.9	61.4	16.9	93	0	REV® 23BHR55™	151.9		62.1	16.2	94	0
LG Seeds LG5618STXRIB	172.0	175.2	61.6	16.8	95	0	STEYER 11209	151.5		62.2	16.2	92	0
LG Seeds LG5638VT2PRO	171.8		61.6	16.9	97	0	AgriGold A6574STX	150.9		60.8	17.9	88	0
NK N75H-5122A	171.6		61.1	17.7	87	0	Channel 215-52VT3PRIB	150.9	176.7	61.5	17.1	87	1
Beck XL 6175AM™™	171.1	167.6	61.9	16.6	92	0	T.A. Seeds TA683-13VPRIB	150.8		62.5	15.6	90	0
Wyffels W8377	170.8		59.9	18.8	82	0	Warren Seed DS 9314SSX	150.7	165.9	60.2	18.3	87	0
Wyffels W7888RIB	170.8		61.1	17.6	94	0	Channel 213-57VT2PRIB	150.5	178.8	62.7	15.2	92	0
Mycogen 2V779	170.7	182.1	62.4	15.3	96	0	Warren Seed DS 9311SSX	149.0	164.5	62.0	15.7	94	0
PROGENY PGY4115VT2P	169.9		61.7	16.7	94	0	AgriGold A6573VT2RIB	148.5		61.9	16.1	91	1
InVISION FS63SV1RIB	169.7		60.5	18.4	94	0	Armor 1314	145.9		63.5	14.2	91	0
Pioneer P1479AM	169.2		61.0	17.4	90	0	Stewart 8E753RIB	145.9	170.2	61.2	17.5	81	0
Mycogen 2C788	168.3		60.6	17.9	89	0	Pfister 3488HR	145.2	166.9	59.0	19.8	83	0
Armor 1330	166.1		62.4	15.8	87	0	REV® 25BHR44™	144.9		61.3	17.4	93	0
Armor 1262PRO2	166.0	158.3	63.0	15.1	90	0	Caverndale CF 834 VT2PRO	143.8	162.0	61.1	17.6	77	0
T.A. Seeds TA765-30	165.9		60.8	18.2	94	0	Beck 6347VR	142.7		61.3	17.4	84	0
DEKALB DKC64-89RIB	165.2		63.5	14.6	92	0	AgriGold A6517VT3PRIB	138.9	164.2	62.2	15.5	89	0
Steyer 11407 VT3PRORIBC	165.1	177.7	60.6	18.2	93	0	Armor 1550PRO2	134.7	143.8	62.8	15.5	90	0
AgriGold A6524VT2RIB	164.5		61.4	17.0	85	0	REV® 22BHR43™	132.5	164.0	62.6	15.8	93	0
Stewart 8A560RIB	164.1		60.8	18.0	90	0	Caverndale CF 837 GTCBLL	127.5	151.5	60.3	18.2	81	0
Dyna-Gro D55VP77	164.1	173.6	61.5	16.9	90	0	Average	164.2	175.9	61.6	16.8	90	0
InVISION FS64MX1RIB	163.1		62.8	14.9	96	0	C.V.	12.7	11.5	1.5	7.5	7	741
Pioneer P1257AM	162.7		62.7	15.3	94	0	LSD (0.10)	40.1	26.6	1.8	2.4	11	0
AgriGold A6501VT2RIB	162.4		62.4	15.8	95	0							
PROGENY PGY4114VT2P	162.4		63.1	15.0	85	0							
Warren Seed DS 9713SSX	162.0	184.4	59.9	18.7	87	0							
Warren Seed DS 9212SSX	161.8	176.4	63.4	14.0	95	0							

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: April 18, 2014; Harvest date: September 22, 2014
 Soil type: Crider/Nolin Silt Loam; Previous Crop: soybean; Fertilizer: 165/0/0
 *2012 data not available because of drought

Table 3L. Late 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 (%)
	2014	13-14						2014	13-14				
Pioneer P2089AM	182.6		61.1	17.6	88	0	STEYER 11604	143.6		62.6	15.9	75	0
Caverndale CF883GTCBLL	171.7		59.8	19.8	88	0	Beck 6967VR	143.6		60.6	18.6	94	0
T.A. Seeds TA790-20	171.0		61.5	17.3	84	0	AgriGold A6687VT2PRO	143.4	167.2	62.2	16.5	92	0
Armor 1616	166.3		62.8	15.7	88	0	Channel 217-08VT3PRIB	142.8	174.3	62.9	15.6	89	1
Pioneer P1602AM	165.4		62.7	16.1	88	0	Seed Consultants SCS 11HR63™	141.6	170.9	63.2	15.1	92	0
Warren Seed DS9217SSX	165.3		59.4	20.1	90	0	Pioneer P1637AM	140.0		62.8	15.7	89	0
AUGUSTA 8868	164.9		61.7	16.9	89	0	NK N83D-3000GT	139.4		59.3	20.4	81	0
AgriGold A6659VT2RIB	163.8		62.0	16.7	87	0	REV® 27HR83™	137.5	161.8	62.0	16.9	73	0
Caverndale CF 894 VT2PRO	162.7	168.5	61.0	17.9	96	0	DEKALB DKC67-58RIB	136.9	156.1	63.2	15.2	94	0
REV® 28R10™	161.3	178.1	61.5	17.6	85	0	LG Seeds LG5701VT2RIB	123.9		63.2	15.3	91	2
InVISION FS66JV1RIB	159.7		61.9	16.7	91	0	Average	153.1	176.2	61.8	17.0	88	0
DEKALB DKC66-40RIB	157.8	167.9	61.9	16.7	88	0	C.V.	13.3	13.8	1.7	8.2	9	564
AgriGold A6719VT2PRO	157.5		62.2	16.6	95	2	LSD (0.10)	39.9	29.9	2.0	2.7	16	2
REV® 28HR20™	151.1	181.9	61.2	17.9	75	0	¹ Late varieties: >115 days to maturity Shaded cells are not significantly different from top yield (0.10) Planting date: April 18, 2014; Harvest date: September 22, 2014 Soil type: Crider/Nolin Silt Loam; Previous Crop: soybean; Fertilizer: 165/0/0 *2012 data not available because of drought						
T.A. Seeds TA784-13VPRIB	146.3		61.7	17.0	85	0							
Great Lakes 6686VT3PRIB	146.2	171.1	63.4	14.8	90	0							
Augusta A7767VT3PRO	144.7	164.4	62.1	16.5	88	0							

continued

Table 3W. White Hybrid¹ Corn Test—Caldwell County.

NAME	YIELD (BU/AC)		TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	13-14				
Pioneer P1477WHR	136.1	156.2	63.9	14.8	80	0
AgriGold A6507WBtRR	123.0	139.7	65.0	13.5	90	0
Pioneer P1431W	121.9	141.4	65.0	13.5	91	0
Pioneer 33G60	114.0	155.4	63.8	14.5	92	0
AgriGold A6580WBtRR	108.4		62.9	15.9	82	0
Pioneer 32B16	103.4	134.9	64.4	13.7	93	0
Average	120.4	145.5	64.2	14.3	89	0
C.V.	19.6	12.8	0.7	3.6	8	489
LSD (0.10)	51.1	25.7	0.9	1.1	16	0

¹ White varieties: 112-117 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: April 18, 2014; Harvest date: September 22, 2014
 Soil type: Crider/Nolin Silt Loam; Previous Crop: soybean; Fertilizer: 165/0/0
 *2012 data not available because of drought

Table 4. Weather Data—Caldwell County.

Monthly Precipitation (in)	Temperature			
	Average	Highest	Lowest	
March	4.42	42.2	54.3	30.1
April	8.5	57.8	69.3	46.4
May	1.97	67.9	78	57.9
June	4.04	75.1	83.2	67
July	1.57	72.1	83.2	61
August	9.32	77	87.1	66.8
September	0.97	68.3	79.7	56.9

Table 5E. Early Hybrid¹ Corn Test—Christian County (Irrigated).

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LOGD (%)
	2014	13-14	12-14				
Pfister 2574RA	250.4			58.9	19.4	99	5
Pioneer P1197AM	249.9			59.5	18.9	94	1
Stewart 7E833RIB	248.0			59.5	19.3	99	3
REV® 18BHR84™	246.6			59.6	18.6	100	0
Seed Consultants SC 11AQ15	245.7			57.5	21.4	99	10
Pioneer P1105AM	244.2			59.5	19.1	93	2
DEKALB DKC61-89RIB	241.5	225.6		59.2	19.5	100	12
InVISION FS61JV1RIB	241.4			59.4	19.1	97	1
T.A. Seeds TA647-22DPRIB	239.3			59.6	18.9	100	0
LG Seeds LG5607VT2RIB	236.1			59.9	18.4	98	1
Seed Consultants SCS 1094AM™	235.8	215.8		60.0	18.1	99	2
AgriGold A6472VT2RIB	235.7			59.6	19.0	98	2
T.A. Seeds TA625-31	235.3			58.8	19.9	97	18
Warren Seed DS 9610	233.6	218.1	200.4	59.6	18.7	96	2
Beck XL 5282AM™™	231.4	214.1		59.9	18.4	100	3
Armor AXC4110	231.4			60.9	17.2	93	1
AgriGold A6488VT2RIB	230.1			59.7	18.7	99	0
AgriGold A6442STXRIB	230.1			59.8	18.5	87	0
Warren Seed DS 9111SSX	229.9	205.8	191.1	59.0	19.7	97	0
Stewart 7E743RIB	229.8	211.1		59.9	18.5	99	3
STEYER 11103	226.7	215.7		59.8	18.7	97	1
Armor AXT4109	224.4			58.9	19.4	97	0
AgriGold A6408VT3PRIB	224.1	223.7		59.9	18.0	92	4
Channel 209-46STXRIB	224.0			59.8	18.5	92	3
Armor AXT3111	223.9			59.4	18.9	82	0
DEKALB DKC60-67RIB	223.7			60.0	18.7	100	0
Armor AXC3108	221.2			59.1	19.6	99	1
Pfister 3366RA	220.1			58.3	20.6	100	0
LG Seeds LG2555VT3PRIB	219.2	222.2	205.6	58.8	19.4	97	20
T.A. Seeds TA108-18	218.8			59.4	19.2	97	1
Dyna-Gro D50VC43	218.1			59.6	18.7	87	3
T.A. Seeds TA583-22DPRIB	217.6			60.0	18.6	92	1
Mycogen 2V709	215.2	212.4		58.8	19.8	95	2
REV® 17HR73™	214.1	203.1		61.0	16.8	99	4
Armor AXC2108	212.4			60.4	17.7	83	0
InVISION FS60ZV1RIB	212.4			59.6	19.1	97	3
Armor 0700	211.5			59.9	18.1	98	0
Pfister 2672RA	209.5			58.1	20.1	98	4
Pfister 2674RA	208.3			58.7	19.6	97	16
Great Lakes 6068STXRIB	201.4			59.5	19.2	86	1
Mycogen 2V717	200.9	197.0		59.2	19.1	94	3
Seed Consultants SCS10HR43™	200.7			61.7	16.2	85	9
Stewart 7E253RIB	199.8			60.0	18.0	90	0
Mycogen 2A749	197.5	191.2		58.6	19.9	93	5
Average	225.3	212.0	199.0	59.5	18.9	95	3
C.V.	8.2	9.8	9.5	0.8	3.2	7	179
LSD (0.10)	35.8	29.1	22.7	0.9	1.2	13	12

¹ Early varieties: <112 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 19, 2014; Harvest date: September 25-26, 2014
 Soil type: Nicholson Silt Loam; Previous Crop: soybean; Fertilizer: 225/95/90

Table 5M. Medium Hybrid¹ Corn Test—Christian County (Irrigated).

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	13-14	12-14						2014	13-14	12-14				
Steyer 11504 VT2PRO-RIBC	263.6	227.6		59.3	20.3	98	2	Wyffels W7888RIB	213.8			58.5	21.1	99	0
Stewart 8E623RIB	244.8			58.5	21.2	98	0	AgriGold A6524VT2RIB	213.6			58.1	21.1	82	3
Mycogen 2Y767	240.8	228.3		58.9	20.8	97	6	Armor 1550PRO2	213.4	209.4		58.7	21.0	97	3
Pioneer P1319HR	239.7	222.2	202.6	59.1	20.7	93	1	Dyna-Gro D52VC91	213.2	193.0		60.4	18.7	99	0
T.A. Seeds TA765-30	237.0			59.5	20.7	98	2	Beck 6347VR	212.8			59.5	20.7	95	18
Stewart 8E663RIB	236.1	220.1		60.0	19.0	99	0	Pfister 2770RA	211.6	196.2		57.7	22.2	97	1
AgriGold A6559VT2PRO	233.4	215.1		58.8	20.5	97	1	Pfister 2874RA	211.6			57.8	21.0	100	5
PROGENY PGY4114VT2P	233.0			58.6	20.4	86	0	Warren Seed DS 9314SSX	211.6	208.4		57.3	22.3	95	0
REV [®] 25BHR44™	232.3			56.8	23.5	93	0	InVISION FS635V1RIB	211.1			58.7	21.1	92	0
NK N75H-5122A	231.3			58.2	20.8	88	3	Steyer 11407 VT3PRO-RIBC	210.9	217.1	204.2	58.1	21.0	97	0
Channel 215-52VT3PRIB	229.6	215.0	201.1	59.7	19.9	97	0	Mycogen 2V779	210.8	213.4		58.6	20.3	99	1
Armor AXC3114	229.2			57.8	21.3	99	0	Mycogen 2C799	210.6			57.8	21.3	98	0
Beck XL 6626AM™	228.0	228.5		58.3	21.0	100	6	REV [®] 23BHR55™	209.6			59.5	19.9	92	4
InVISION FS65SV4RIB	227.1			58.9	21.4	95	4	T.A. Seeds TA683-13VPRIB	208.9			59.6	19.5	100	4
T.A. Seeds TA753-28RIB	226.6			59.0	21.0	92	0	Phoenix 5832A3**	208.8	207.9		59.0	20.8	100	12
Dyna-Gro D55VP77	225.9	215.7		58.5	21.2	99	3	Seed Consultants SCS 1154YHR™	208.3	221.5		57.0	23.0	99	4
Armor 1262PRO2	225.8	209.4	189.8	60.9	18.1	96	3	AgriGold A6501VT2RIB	207.9			59.7	19.6	86	5
REV [®] 22BHR43™	225.7	195.2		59.4	20.0	100	4	Seed Consultants SCS 1131AM-R™	207.8	212.2		57.9	21.6	93	13
DEKALB DKC64-89RIB	225.7			59.6	19.5	97	1	NK N74R-3000GT	207.7			57.6	22.5	84	4
PROGENY PGY4115VT2P	225.6			58.9	20.8	97	4	Great Lakes 6354VT3PRIB	207.7	206.3		59.0	20.3	93	0
Armor AXT4113	225.6			60.6	18.3	98	4	STEYER 11304	205.8			60.5	18.6	86	0
AUGUSTA 6664	225.5			59.3	20.3	88	0	Armor 1330	205.8			58.6	21.1	96	6
AgriGold A6517VT3PRIB	224.3	215.1	206.6	58.4	20.6	100	15	InVISION FS625V1RIB	205.8			60.2	19.2	84	0
Great Lakes 6462STXRIB	223.9			59.4	20.6	95	3	Dyna-Gro D53VC13	205.2	216.3		59.3	20.2	95	0
Pfister 3497RA	223.5			55.9	23.8	100	15	Augusta A5262GTCBLL	204.0	204.8		57.6	21.9	96	7
Wyffels W7736RIB	223.2			58.5	20.6	99	0	LG Seeds LG2636VT3RIB	203.4	205.3	189.9	58.5	20.5	96	3
Warren Seed DS 9713SSX	222.6	223.2		57.6	21.4	99	9	Mycogen 2C788	202.9			57.9	22.0	92	1
Warren Seed DS11509SSX	222.2			59.5	18.7	98	6	Stewart 8A305RIB	202.2			59.1	20.1	79	0
LG Seeds LG5638VT2PRO	221.0			58.2	21.4	98	1	AgriGold A6573VT2RIB	201.5			59.1	20.7	99	6
Pioneer P1257AM	220.4			59.1	19.4	90	2	Armor 1314	200.5			60.0	18.4	93	0
STEYER 11209	219.7			59.4	19.9	94	0	Wyffels W8377	200.0			58.2	21.2	90	0
Channel 213-57VT2PRIB	219.5	208.9		59.0	20.2	100	6	NK N70J-3011A	199.9	196.2		58.9	20.5	100	20
Beck 6948A3	219.3	200.1		57.5	22.7	99	10	DEKALB DKC65-19RIB	199.3	201.6		58.7	21.2	79	1
AgriGold A6574STX	219.3			58.0	21.5	100	0	Warren Seed DS 9311SSX	199.0	206.9		58.1	20.7	94	6
DEKALB DKC62-08RIB	219.3	212.0		59.8	19.5	97	0	Caverndale CF 834 VT2PRO	196.0	200.9		58.3	21.6	85	3
REV [®] 24BHR93™	219.2	222.2		57.6	21.9	96	7	Seed Consultants SC11AGT43™	195.8			59.7	20.2	93	0
AgriGold A6499STXRIB	219.2			59.1	20.9	99	1	Seed Consultants SC11AQ35™	190.9			59.4	19.7	97	0
LG Seeds LG5618STXRIB	218.7	210.0		59.2	20.4	99	4	LG Seeds LG5622STX	189.0			59.6	19.4	90	0
Wyffels W7806RIB	218.0			58.0	21.4	88	0	AgriGold A6533VT2RIB	184.3	187.6	176.0	59.3	19.5	90	0
Phoenix 6542A4**	217.7	215.8		57.8	22.1	96	4	Pioneer P1498YHR	181.2	203.1	197.6	59.1	20.5	97	19
DEKALB DKC62-77RIB	217.6			59.4	19.5	100	1	Pioneer P1479AM	179.7			58.6	21.3	92	5
DEKALB DKC63-35RIB	216.6			59.5	19.9	96	4	Average	215.4	212.2	196.1	58.7	20.7	95	3
Beck XL 6175AM™	216.3	216.3		59.2	20.2	97	3	C.V.	8.9	9.0	10.0	1.0	3.4	10	163
Warren Seed DS 9212SSX	215.7	208.2		59.0	19.6	100	4	LSD (0.10)	36.6	26.1	19.9	1.2	1.4	18	11
Stewart 8E753RIB	215.4	210.5		58.4	20.7	99	0								
Stewart 8A560RIB	215.3			58.5	21.4	99	5								
Pfister 3488HR	215.0	192.2	191.0	56.9	22.3	100	12								
InVISION FS64MX1RIB	214.8			58.9	20.5	59	2								
Armor 1555	214.3			58.6	21.0	89	0								
Caverndale CF 837 GTCBLL	213.9	213.0		57.6	22.5	93	1								

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 19, 2014; Harvest date: September 25-26, 2014
 Soil type: Nicholson Silt Loam; Previous Crop: soybean; Fertilizer: 225/95/90

Table 5L. Late Hybrid¹ Corn Test—Christian County (Irrigated).

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	13-14	12-14						2014	13-14	12-14				
AgriGold A6659VT2RIB	236.3			57.5	21.9	76	1	Caverndale CF-883GTCBLL	202.4			56.0	24.0	78	6
DEKALB DKC66-40RIB	233.8	225.5		58.8	20.5	95	2	Armor 1616	201.6			56.9	22.8	75	4
Great Lakes 6686VT-3PRIB	233.4	217.2		58.7	20.6	89	4	REV [®] 28HR20™	201.3	230.3	205.5	56.9	23.0	94	5
Pioneer P1637AM	229.6			58.2	21.4	89	11	Pioneer P2089AM	201.2			56.6	22.9	82	5
T.A. Seeds TA790-20	223.5			56.0	24.0	95	14	REV [®] 27HR83™	199.1	200.2	200.7	58.4	21.2	90	12
InVISION FS66JV1RIB	222.2			58.5	21.0	91	5	DEKALB DKC67-58RIB	196.1	196.7		57.6	22.0	91	2
REV [®] 28R10™	217.2	224.5	203.5	57.3	22.4	89	9	STEYER 11604	193.2			57.0	22.4	68	3
LG Seeds LG5701VT2RIB	217.2			58.1	21.3	88	5	NK N83D-3000GT	185.5			55.0	26.2	78	5
T.A. Seeds TA784-13VPRIB	215.7			58.1	21.2	80	4	AgriGold A6719VT2PRO	183.7			56.3	23.3	69	11
Pioneer P1602AM	214.8			58.0	21.7	65	0	Seed Consultants SCS 11HR63™	177.1	213.6	194.5	58.6	21.0	82	17
Caverndale CF 894 VT2PRO	213.0	211.0		57.2	22.5	83	4	Beck 6967VR	136.8			55.8	24.5	91	45
Warren Seed DS92175SX	211.2			55.3	24.5	81	10	Average	207.3	221.9	204.5	57.2	22.5	84	7
AUGUSTA 8868	210.8			56.9	22.8	85	5	C.V.	12.1	12.7	11.5	1.1	3.5	14	103
AgriGold A6687VT2PRO	207.4	204.5		56.8	22.8	79	4	LSD (0.10)	49.2	36.9	22.7	1.2	1.6	23	15
Augusta A7767VT3PRO	206.6	213.5		56.7	22.8	87	0	¹ Late varieties: >115 days to maturity Shaded cells are not significantly different from top yield (0.10) Planting date: May 19, 2014; Harvest date: September 25-26, 2014 Soil type: Nicholson Silt Loam; Previous Crop: soybean; Fertilizer: 225/95/90							
Channel 217-08VT3PRIB	205.3	199.4	199.7	57.5	21.7	84	4								

continued

Table 5W. White Hybrid¹ Corn Test—Christian County (Irrigated).

NAME	YIELD (BU/AC)		TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	12-14				
AgriGold A6580WBtRR	227.4		59.1	20.5	81	9
AgriGold A6507WBtRR	225.7	181.5	60.0	19.3	92	8
Pioneer 32B16	215.8	191.0	58.4	21.2	84	9
Pioneer P1477WHR	213.8		59.6	20.0	93	1
Pioneer 33G60	173.6	149.0	58.3	21.5	74	10
Pioneer P1431W	138.9	132.3	58.1	21.7	79	1
Average	204.9	163.5	59.0	20.7	85	5
C.V.	10.2	10.6	0.8	2.7	14	66
LSD (0.10)	45.1	27.6	1.0	1.2	25	7

¹ White varieties: 112-117 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 19, 2014; Harvest date: September 25-26, 2014
 Soil type: Nicholson Silt Loam; Previous Crop: soybean; Fertilizer: 225/95/90

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

Monthly Precipitation (in)	Irrigated	Temperature			
		Average	Highest	Lowest	
March	4.52	0	42.8	54.5	31.2
April	6.13	1	59	70.7	47.3
May	3.99	2	68.5	79.1	57.9
June	3.46	2	75.4	84.2	66.5
July	1.52	2	73.1	84	62.3
August	6.27	2	77.6	87.6	67.7
September	0.65	0	68.9	79.5	58.3

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

NAME	Yield (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	13-14	12-14				
Pioneer P1197AM	212.0			20.3	59.1	99	0
Beck XL 5282AM TM *	202.5	193.1		20.3	59.0	100	0
Pfister 2674RA	201.4			20.3	58.7	100	0
DEKALB DKC61-89RIB	199.6	191.0		19.6	59.6	100	0
Mycogen 2V709	198.1	189.7		20.1	59.0	70	0
T.A. Seeds TA647-22DPRIB	197.6			19.0	60.1	98	0
Pfister 2574RA	196.1			19.9	59.1	100	0
Seed Consultants SCS10HR43 TM	195.3			18.5	60.3	98	0
Warren Seed DS 9610	195.2	187.2	136.6	19.4	59.3	100	0
REV [®] 18BHR84 TM	194.5			20.4	58.8	100	0
InVISION FS60ZV1RIB	194.4			20.5	58.9	100	0
Warren Seed DS 9111SSX	193.7	183.4	144.5	20.0	59.1	98	0
AgriGold A6442STXRIB	192.8			20.4	59.0	98	0
InVISION FS61JV1RIB	192.2			20.7	58.8	100	0
Mycogen 2V717	190.9	182.1		20.1	58.9	98	0
AgriGold A6488VT2RIB	190.2			20.9	58.5	100	0
LG Seeds LG2555VT3PRIB	190.2	182.4	139.9	19.4	59.5	100	0
Armor AXC2108	189.8			17.5	61.0	98	0
Stewart 7E743RIB	189.2	182.2		19.8	59.3	100	0
Pioneer P1105AM	188.7			20.8	58.9	99	0
DEKALB DKC60-67RIB	186.2			20.4	59.1	99	0
T.A. Seeds TA625-31	185.8			20.7	58.7	100	0
Dyna-Gro D50VC43	184.8			18.7	60.4	100	0
Pfister 3366RA	183.1			20.7	58.6	98	0
Seed Consultants SCS 1094AM TM	182.1	184.4		19.5	59.5	99	0
Armor AXT3111	181.9			20.4	59.0	97	0
Pfister 2672RA	181.6			21.0	58.1	100	0
Armor AXT4109	180.6			19.9	59.4	98	0
STEYER 11103	180.5	178.6		20.2	59.3	99	0
Mycogen 2A749	178.7	177.4		20.4	58.6	99	0
Channel 209-46STXRIB	177.7			20.0	59.1	100	0
Armor AXC3108	176.9			19.7	59.6	100	0
AgriGold A6472VT2RIB	173.9			19.1	60.0	100	0
Seed Consultants SC 11AQ15	173.2			21.4	58.0	100	0
LG Seeds LG5607VT2RIB	173.0			20.1	59.1	100	0
AgriGold A6408VT3PRIB	172.9	170.3		18.1	60.4	100	0
Stewart 7E833RIB	172.4			20.1	59.3	97	0
T.A. Seeds TA583-22DPRIB	170.9			17.7	60.8	99	0
Stewart 7E253RIB	168.1			20.0	59.4	98	0
REV [®] 17HR73 TM	164.2	167.7		17.3	61.0	100	0
Great Lakes 6068STXRIB	163.2			20.0	59.3	97	0
Armor 0700	162.7			18.8	60.3	100	0
Armor AXC4110	158.4			18.4	60.3	100	0
T.A. Seeds TA108-18	157.6			20.7	58.7	96	0
Average	184.0	182.3	140.4	19.8	59.3	98	0
C.V.	7.4	7.5	7.9	4.2	1.0	8	1148
LSD	26.2	18.6	15.3	1.6	1.1	16	0

¹ Early varieties: <112 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 6, 2014; Harvest date: October 8, 2014
 Soil type: Lanton Silty Clay 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 (%)	
	2014	13-14	12-14						2014	13-14	12-14					
REV® 23BHR55™	203.6			59.3	20.1	100	0	Caverndale CF 834 VT2PRO	179.0	175.9		58.7	21.0	93	0	
Beck XL 6175AM™™	203.2	194.5		58.7	21.1	95	0	Pioneer P1257AM	178.7			60.1	18.7	100	0	
DEKALB DKC62-08RIB	200.2	203.6		59.2	20.2	95	0	Beck 6347VR	178.7			59.0	20.8	93	0	
InVISION FS63SV1RIB	200.1			58.1	21.7	100	0	Great Lakes 6354VT3PRIB	178.4	166.9		59.8	19.1	94	0	
Steyer 11407 VT3PRORIBC	198.2	188.5	146.8	57.8	22.0	98	0	Warren Seed DS 9314SSX	177.3	172.3		58.6	21.0	100	0	
Warren Seed DS 9212SSX	196.8	187.8		59.5	19.4	91	0	NK N74R-3000GT	177.1			58.0	21.7	94	0	
Steyer 11504 VT2PRORIBC	195.8	180.1		59.2	20.4	98	0	Pioneer P1319HR	176.5	165.9	120.5	59.9	19.7	99	0	
Armor AXC3114	195.1			59.3	20.3	98	0	Warren Seed DS 9713SSX	176.1	179.2		58.7	20.7	100	0	
AgriGold A6559VT2PRO	195.0	188.0		60.4	18.8	100	0	DEKALB DKC62-77RIB	175.9			60.4	18.6	100	0	
REV® 24BHR93™	194.8	191.2		58.8	20.8	98	0	Wyffels W7806RIB	174.9			59.3	20.4	100	0	
LG Seeds LG5638VT2PRO	193.8			58.8	20.7	100	0	Pioneer P1498YHR	174.8	169.4	127.3	59.4	20.2	98	0	
Phoenix 6542A4**	193.6	193.0		57.8	21.9	99	0	T.A. Seeds TA753-28RIB	174.7			58.9	20.8	98	0	
Warren Seed DS11509SSX	193.2			59.7	18.9	95	0	Phoenix 5832A3**	173.8	172.6		60.5	18.4	100	0	
Beck XL 6626AM™™	192.2	198.5		59.5	20.0	100	0	AgriGold A6501VT2RIB	173.1			59.5	20.3	100	0	
Wyffels W8377	192.0			57.5	22.2	100	0	InVISION FS64MX1RIB	173.1			60.2	18.7	100	0	
Pfister 2770RA	191.6	180.4		58.0	21.5	100	0	Dyna-Gro D52VC91	173.0	182.4		59.6	19.8	100	0	
Channel 215-52VT3PRIB	191.3	194.7	139.6	59.1	20.6	98	0	InVISION FS62SV1RIB	172.1			60.0	19.2	98	0	
LG Seeds LG2636VT3RIB	190.7	184.1	135.0	58.7	20.9	100	0	AgriGold A6517VT3PRIB	171.8	169.9	123.9	60.0	18.8	91	0	
Augusta A5262GTCBLL	190.5	186.3		57.8	21.7	99	0	NK N75H-5122A	171.2			59.0	20.3	100	0	
AgriGold A6574STX	189.8			58.3	21.5	100	0	LG Seeds LG5622STX	171.0			60.2	18.8	96	0	
PROGENY PGY4114VT2P	189.3			59.6	20.0	95	0	AgriGold A6524VT2RIB	170.7			58.5	21.0	95	0	
LG Seeds LG5618STXRIB	189.2	197.9		58.7	21.0	99	0	STEYER 11209	169.9			59.2	20.4	98	0	
Dyna-Gro D53VC13	188.5	183.9		59.4	19.9	98	0	Armor AXT4113	169.0			61.2	17.9	98	0	
AgriGold A6573VT2RIB	188.4			59.4	19.8	98	0	AgriGold A6533VT2RIB	168.5	162.5	120.5	60.5	18.5	95	0	
Stewart 8E663RIB	188.0	179.4		58.6	21.1	98	0	Seed Consultants SCS 1154YHR™	168.1	156.2		58.4	21.4	96	0	
Dyna-Gro D55VP77	187.0	179.2		59.1	20.5	93	0	REV® 25BHR44™	168.0			58.4	21.5	100	0	
Armor 1555	186.3			58.5	21.3	96	0	Caverndale CF 837 GTCBLL	167.9	167.1		56.9	22.8	96	0	
Stewart 8E623RIB	186.1			59.1	20.1	100	0	Mycogen 2C799	167.6			58.6	20.6	100	0	
Channel 213-57VT2PRIB	185.0	164.3		59.2	20.1	100	0	Seed Consultants SC11AQ35™	167.3			59.3	19.8	98	0	
DEKALB DKC63-35RIB	184.7			60.3	18.6	100	0	REV® 22BHR43™	167.1	168.9		59.8	19.6	93	0	
Pfister 3488HR	184.3	177.0	131.9	55.8	23.9	98	0	Pfister 2874RA	166.3			59.5	19.5	96	0	
Seed Consultants SCS 1131AM-R™	183.9	179.1		59.7	19.6	97	0	T.A. Seeds TA683-13VPRIB	164.4			60.5	18.5	97	0	
DEKALB DKC64-89RIB	183.8			60.1	19.1	98	0	NK N70J-3011A	164.3	169.7		60.4	18.4	92	0	
AgriGold A6499STXRIB	183.5			59.3	20.2	100	0	PROGENY PGY4115VT2P	164.1			59.3	20.4	99	0	
Pioneer P1479AM	183.2			58.7	21.0	96	0	Warren Seed DS 9311SSX	163.6	172.3		58.7	20.4	99	0	
Stewart 8E753RIB	183.0	163.4		58.7	21.1	91	0	STEYER 11304	163.5			61.3	17.6	100	0	
Armor 1330	182.9			59.7	19.8	99	0	Stewart 8A560RIB	163.3			59.7	19.6	100	0	
Wyffels W7736RIB	182.9			59.5	20.1	94	0	Armor 1314	161.6			60.3	18.8	96	0	
DEKALB DKC65-19RIB	182.5	180.2		59.6	19.9	92	0	Armor 1550PRO2	160.6	157.0		59.7	20.0	97	0	
Wyffels W7888RIB	182.2			59.4	20.1	100	0	Mycogen 2C788	159.8			58.5	20.8	96	0	
Mycogen 2V779	182.1	185.4		59.0	20.1	98	0	Mycogen 2Y767	159.2	164.3		58.5	20.8	96	0	
Great Lakes 6462STXRIB	182.0			59.1	20.7	100	0	Armor 1262PRO2	156.8	162.3	112.1	61.1	17.9	100	0	
Stewart 8A305RIB	181.7			61.0	17.9	99	0	Average	179.9	176.0	130.7	59.1	20.3	98	0	
Pfister 3497RA	181.3			55.5	24.4	99	0	C.V.	9.0	11.0	10.5	1.1	3.9	4	1661	
Seed Consultants SC11AGT43™	181.2			56.2	23.9	97	0	LSD (0.10)	30.9	26.3	19.6	1.2	1.5	8	0	
AUGUSTA 6664	179.8			59.1	20.6	97	0									
T.A. Seeds TA765-30	179.7			58.9	20.9	96	0									
Beck 6948A3	179.5	163.6		57.9	21.6	99	0									
InVISION FS65SV4RIB	179.3			58.6	21.0	100	0									

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 6, 2014; Harvest date: October 8, 2014
 Soil type: Lanton Silty Clay Loam; Previous Crop: soybean; Fertilizer: 160/0/0

continued

Table 7L. Late 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 (%)
	2014	13-14	12-14						2014	13-14	12-14				
Armor 1616	199.8			24.2	55.8	97	0	AgriGold A6687VT2PRO	182.4	170.8		22.3	57.5	100	0
Seed Consultants SCS 11HR63™	199.1	181.8	129.9	20.7	58.9	100	0	DEKALB DKC67-58RIB	181.0	157.2		22.3	57.5	100	0
Great Lakes 6686VT3PRIB	198.8	188.1		21.6	57.9	100	0	REV® 27HR83™	177.9	177.4	126.6	21.8	58.0	98	0
T.A. Seeds TA790-20	196.6			23.5	56.3	100	0	Beck 6967VR	177.5			24.1	55.7	100	0
AUGUSTA 8868	196.5			22.0	57.6	100	0	T.A. Seeds TA784-13VPRIB	176.3			21.8	57.8	98	0
Pioneer P1602AM	195.3			21.7	58.2	100	0	AgriGold A6719VT2PRO	174.3			22.1	57.4	97	0
Augusta A7767VT3PRO	194.1	196.0		24.4	55.7	100	0	REV® 28HR20™	174.2	184.3	134.4	21.8	57.9	98	0
InVISION FS66JV1RIB	190.5			21.0	58.6	100	0	Warren Seed DS9217SSX	171.2			24.7	55.2	99	0
Caverndale CF 894 VT2PRO	189.3	191.4		23.5	56.1	97	0	Pioneer P1637AM	167.3			20.6	58.9	100	0
LG Seeds LG5701VT2RIB	189.2			22.3	57.4	100	0	Pioneer P2089AM	167.2			22.6	56.9	99	0
DEKALB DKC66-40RIB	189.0	183.5		21.3	58.2	100	0	REV® 28R10™	161.2	181.1	132.6	22.0	57.7	94	0
NK N83D-3000GT	189.0			23.9	56.0	97	0	Average	184.5	185.6	133.5	22.6	57.1	99	0
AgriGold A6659VT2RIB	186.5			22.0	57.6	97	0	C.V.	9.0	8.3	9.5	3.0	0.8	2	916
STEYER 11604	185.5			23.5	56.2	94	0	LSD (0.10)	32.4	21.1	16.0	1.3	0.9	4	0
Caverndale CF883GTCBLL	185.4			25.1	55.4	98	0	¹ Late varieties: >115 days to maturity Shaded cells are not significantly different from top yield (0.10) Planting date: May 6, 2014; Harvest date: October 8, 2014 Soil type: Lanton Silty Clay Loam; Previous Crop: soybean; Fertilizer: 160/0/0							
Channel 217-08VT3PRIB	185.0	190.8	145.6	23.4	56.2	100	0								

continued

Table 7W. White Hybrid¹ Corn Test—Fayette County.

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	13-14	12-14				
Pioneer 32B16	191.0	160.2	122.8	57.0	22.6	99	0
AgriGold A6580WBtRR	182.2			57.9	21.6	100	0
AgriGold A6507WBtRR	179.5	155.2	115.9	58.6	21.0	97	0
Pioneer 33G60	177.1	162.0	125.7	56.9	22.7	99	0
Pioneer P1477WHR	172.6	159.5		58.9	20.6	100	0
Average	181.7	159.2	121.4	58.0	21.6	99	0
C.V.	6.0	7.2	8.5	1.1	3.5	2	0
LSD (0.10)	23.7	17.1	13.6	1.4	1.6	4	0

¹ White varieties: 112-117 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 6, 2014; Harvest date: October 8, 2014
 Soil type: Lanton Silty Clay Loam; Previous Crop: soybean; Fertilizer: 160/0/0

Table 8. Weather Data—Fayette County.

Monthly Precipitation (in)	Temperature			
	Average	Highest	Lowest	
March	3.04	40.4	51.1	29.8
April	5.98	57.2	67.3	47
May	4.25	65.1	75.2	55.1
June	4.57	73.2	81.8	64.6
July	2.66	72.1	80.9	63.3
August	6.46	74	82	66
September	3.49	67.8	76.7	58.8

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

NAME	YIELD (BU/AC)		TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	12-14				
Pioneer P1105AM	245.4		61.0	17.2	86	0
T.A. Seeds TA625-31	243.7		60.2	17.8	94	0
Pioneer P1197AM	239.2		61.4	16.5	76	0
REV [®] 18BHR84 [™]	235.4		61.0	16.9	92	0
Beck XL 5282AM ^{™**}	235.3		61.0	17.1	83	0
AgriGold A6488VT2RIB	233.2		59.8	18.5	88	0
Stewart 7E833RIB	227.7		61.1	16.9	82	0
Armor AXC2108	227.4		62.6	15.0	92	0
DEKALB DKC61-89RIB	226.7		61.3	16.5	86	0
Seed Consultants SCS10HR43 [™]	226.4		63.7	13.6	91	0
Pfister 2674RA	226.4		61.5	16.0	87	0
Pfister 2574RA	223.9		60.9	16.7	71	0
T.A. Seeds TA583-22DPRIB	221.6		62.3	15.2	81	0
Armor AXC3108	221.1		61.2	16.9	86	0
Stewart 7E743RIB	219.9		61.2	16.7	75	0
LG Seeds LG2555VT3PRIB	219.1	134.4	61.5	16.2	82	0
Armor AXC4110	218.8		61.9	15.8	88	0
Seed Consultants SC 11AQ15	218.5		59.6	19.1	83	0
STEYER 11103	217.6		61.3	16.7	80	0
Seed Consultants SCS 1094AM [™]	217.1		61.2	16.6	76	0
InVISION FS60ZV1RIB	216.6		61.7	16.0	81	0
AgriGold A6472VT2RIB	216.6		60.8	17.4	89	0
Armor AXT3111	216.3		61.3	16.5	86	0
Channel 209-46STXRIB	216.1		61.0	17.0	87	0
Dyna-Gro D50VC43	212.4		61.9	15.9	83	0
LG Seeds LG5607VT2RIB	212.4		60.8	17.1	78	0
T.A. Seeds TA647-22DPRIB	212.1		61.6	16.3	85	0
AgriGold A6442STXRIB	211.3		61.7	16.1	85	0
Pfister 3366RA	210.2		60.1	17.9	86	0
Mycogen 2V717	208.7		61.0	16.5	78	0
Warren Seed DS 9111SSX	208.6	154.8	60.8	17.0	82	0
Armor AXT4109	206.0		60.6	17.6	81	0
REV [®] 17HR73 [™]	205.1		61.9	15.6	91	0
Warren Seed DS 9610	204.3	145.8	60.4	17.6	80	0
Great Lakes 6068STXRIB	203.8		62.3	15.2	85	0
AgriGold A6408VT3PRIB	203.0		61.1	16.5	83	0
InVISION FS61JV1RIB	200.2		60.9	17.0	82	0
Pfister 2672RA	197.6		60.7	17.1	87	0
Armor 0700	192.5		62.5	14.9	84	0
DEKALB DKC60-67RIB	191.9		60.9	17.4	82	0
T.A. Seeds TA108-18	187.9		60.1	18.2	73	0
Mycogen 2V709	186.3		60.5	17.4	79	0
Stewart 7E253RIB	176.1		62.6	15.1	79	0
Mycogen 2A749	171.2		61.0	16.6	77	0
Average	213.9	145.0	61.2	16.6	83	0
C.V.	7.0	8.8	0.7	3.2	11	0
LSD (0.10)	29.1	24.5	0.8	1.0	18	0

¹ Early varieties: <112 days to maturity

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

Planting date: April 23, 2014; Harvest date: September 24, 2014

Soil type: Grenada Silt Loam; Previous Crop: soybean; Fertilizer: 240/60/180

*2013 data not available because plot was not harvested

**2012 data not available because of drought

Table 9M. Medium Hybrid¹ Corn Test—Fulton County (Irrigated).

NAME	YIELD (BU/AC)		TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	NAME	YIELD (BU/AC)		TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	12-14						2014	12-14				
Seed Consultants SCS 1131AM-R™	279.5		60.0	18.5	81	0	Stewart 8A560RIB	217.6		59.9	18.8	78	0
REV® 24BHR93™	272.0		60.0	18.8	81	0	Stewart 8E753RIB	215.3		60.2	18.6	88	0
Beck XL 6626AM™*	268.4		60.4	17.9	73	0	Caverndale CF 837 GTCBLL	214.4		58.3	20.7	80	0
PROGENY PG4114VT2P	263.3		61.0	17.1	81	0	Warren Seed DS 9212SSX	213.8		61.1	16.7	89	0
REV® 23BHR55™	260.0		60.4	17.8	70	0	Armor 1555	210.7		60.0	19.0	73	0
Seed Consultants SC11AQ35™	243.0		60.1	17.8	83	0	LG Seeds LG2636VT3RIB	210.6	144.3	60.5	17.8	75	0
Steyer 11504 VT2PRORIBC	242.6		60.2	18.3	71	0	Dyna-Gro D53VC13	210.6		61.4	16.6	73	0
REV® 25BHR44™	242.0		59.2	20.2	85	0	AUGUSTA 6664	210.3		59.1	19.8	74	0
NK N75H-5122A	240.6		60.1	18.8	81	0	InVISION FS62SV1RIB	210.1		60.5	18.0	79	0
Wyffels W7806RIB	239.5		60.3	18.2	89	0	Phoenix 5832A3**	209.0		60.4	18.0	78	0
Seed Consultants SCS 1154YHR™	235.7		59.2	19.8	82	0	Stewart 8A305RIB	207.2		60.8	17.2	76	0
PROGENY PGY4115VT2P	234.0		60.0	18.9	91	0	DEKALB DKC63-35RIB	206.5		59.8	18.7	76	0
Beck XL 6175AM™*	233.7		60.5	17.8	77	0	AgriGold A6574STX	205.3		59.3	19.7	79	0
Augusta A5262GTCBLL	232.3		60.0	18.0	77	0	Phoenix 6542A4**	204.1		59.5	19.3	64	0
AgriGold A6524VT2RIB	231.4		60.9	17.3	86	0	Dyna-Gro D55VP77	203.4		60.2	18.3	81	0
Steyer 11407 VT3PRORIBC	231.4	176.0	60.0	18.7	86	0	AgriGold A6573VT2RIB	203.0		60.9	17.1	78	0
AgriGold A6501VT2RIB	231.0		59.7	19.3	69	0	Dyna-Gro D52VC91	202.7		60.2	18.5	63	0
Wyffels W8377	230.9		59.6	18.9	84	0	DEKALB DKC62-77RIB	202.2		60.9	17.1	81	0
Pioneer P1319HR	230.4	144.7	60.0	18.9	83	0	Warren Seed DS11509SSX	199.5		59.8	17.9	81	0
LG Seeds LG5638VT2PRO	229.9		59.0	20.0	85	0	Beck 6948A3	199.2		59.3	19.4	81	0
Armor 1330	229.3		59.8	18.6	82	0	Warren Seed DS 9311SSX	198.3		60.9	16.7	66	0
Beck 6347VR	229.1		60.2	18.6	85	0	Pioneer P1257AM	197.8		60.3	17.7	73	0
Mycogen 2Y767	229.0		59.4	19.1	82	0	Pfister 2770RA	197.6		59.4	19.0	85	0
Great Lakes 6354VT3PRIB	228.8		60.7	17.4	65	0	Mycogen 2V779	197.5		60.8	16.9	72	0
Seed Consultants SC11AGT43™	228.6		58.9	20.0	68	0	AgriGold A6533VT2RIB	197.4	155.4	61.6	16.1	85	0
InVISION FS65SV4RIB	228.4		59.5	19.7	78	0	DEKALB DKC62-08RIB	195.9		60.6	17.8	74	0
AgriGold A6517VT3PRIB	228.1	149.6	60.1	18.0	78	0	STEYER 11304	194.9		61.0	17.3	74	0
Channel 213-57VT2PRIB	228.1		60.2	18.0	71	0	InVISION FS64MX1RIB	194.0		60.3	18.0	80	0
Great Lakes 6462STXRIB	227.2		59.2	19.7	85	0	Mycogen 2C799	191.5		60.5	17.4	79	0
Pfister 3497RA	226.7		57.8	21.1	83	0	Armor 1314	191.0		60.8	17.4	69	0
Pfister 3488HR	226.6	168.1	59.0	19.4	77	0	Warren Seed DS 9314SSX	189.4		59.6	18.7	74	0
Pioneer P1498YHR	226.4	168.2	60.2	18.4	86	0	Caverndale CF 834 VT2PRO	187.5		59.6	19.4	71	0
Pfister 2874RA	226.1		59.9	18.4	81	0	LG Seeds LG5622STX	186.9		61.3	16.6	77	0
NK N74R-3000GT	225.3		59.1	19.9	87	0	NK N70J-3011A	185.6		59.4	19.1	72	0
Wyffels W7736RIB	224.5		59.4	19.4	57	0	Warren Seed DS 9713SSX	184.0		59.0	19.5	76	0
T.A. Seeds TA765-30	223.6		59.7	19.4	75	0	Armor AXT4113	179.8		60.8	17.7	87	0
Pioneer P1479AM	223.2		60.0	18.9	75	0	LG Seeds LG5618STXRIB	178.4		59.7	19.1	73	0
T.A. Seeds TA683-13VPRIB	223.1		60.6	17.8	80	0	DEKALB DKC65-19RIB	175.8		59.8	19.0	84	0
DEKALB DKC64-89RIB	222.5		60.9	17.3	80	0	Mycogen 2C788	175.6		59.2	19.4	75	0
Stewart 8E623RIB	222.2		60.3	17.9	88	0	Armor 1262PRO2	173.4	123.7	60.0	18.7	68	0
Wyffels W7888RIB	221.6		59.7	18.9	79	0	Armor 1550PRO2	149.7		59.7	20.0	70	0
AgriGold A6559VT2PRO	220.7		60.3	18.1	73	0	Channel 215-52VT3PRIB	145.1	125.6	60.6	17.9	54	0
T.A. Seeds TA753-28RIB	220.5		60.0	18.9	75	0	Average	215.0	154.0	60.0	18.5	78	0
InVISION FS63SV1RIB	220.1		59.3	19.7	80	0	C.V.	9.9	12.3	0.9	4.1	16	1661
Stewart 8E663RIB	220.0		59.8	19.0	78	0	LSD (0.10)	40.9	34.1	1.0	1.5	24	0
AgriGold A6499STXRIB	219.7		59.7	19.2	85	0							
REV® 22BHR43™	219.4		60.5	17.9	76	0							
Armor AXC3114	218.4		59.2	19.5	73	0							
STEYER 11209	217.6		59.9	18.6	88	0							

continued

¹ Medium varieties: 112-115 days to maturity

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

Planting date: April 23, 2014; Harvest date: September 24, 2014

Soil type: Grenada/Convent Silt Loam; Previous Crop: soybean; Fertilizer: 240/60/180

*2013 data not available because plot was not harvested

**2012 data not available because of drought

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

NAME	YIELD (BU/AC)		TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	NAME	YIELD (BU/AC)		TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	12-14						2014	12-14				
REV [®] 28HR20™	280.1	162.1	59.9	19.2	81	0	InVISION F566JV1RIB	210.3		60.4	18.4	77	0
Seed Consultants SCS 11HR63™	262.5	148.0	60.8	17.9	89	0	Armor 1616	210.0		59.9	19.5	75	0
T.A. Seeds TA790-20	254.3		58.8	20.7	87	0	Great Lakes 6686VT3PRIB	208.5		60.2	18.9	76	0
REV [®] 27HR83™	249.6	179.5	60.6	18.4	88	0	Channel 217-08VT3PRIB	207.4	176.3	59.5	19.9	78	0
Pioneer P2089AM	249.0		58.6	20.7	84	0	T.A. Seeds TA784-13VPRIB	202.6		60.5	18.1	60	0
Pioneer P1637AM	244.8		60.8	18.0	81	0	LG Seeds LG5701VT2RIB	200.7		60.0	19.0	72	0
Caverndale CF 894 VT2PRO	242.7		59.5	20.1	87	0	DEKALB DKC67-58RIB	198.5		60.1	19.1	73	0
Pioneer P1602AM	240.5		60.2	19.1	82	0	Warren Seed DS9217SSX	189.2		57.9	21.3	86	0
AUGUSTA 8868	239.4		60.5	18.2	78	0	AgriGold A6659VT2RIB	185.7		60.2	19.1	63	0
AgriGold A6719VT2PRO	238.2		59.7	19.4	87	0	Average	227.8	157.7	59.7	19.5	80	0
DEKALB DKC66-40RIB	233.4		60.2	18.5	82	0	C.V.	8.5	10.1	0.7	2.9	12	916
Beck 6967VR	231.2		58.7	21.1	86	0	LSD (0.10)	38.0	30.1	0.9	1.1	19	0
Caverndale CF883GTCBLL	230.6		58.0	21.6	87	0	¹ Late varieties: >115 days to maturity Shaded cells are not significantly different from top yield (0.10) Planting date: April 23, 2014; Harvest date: September 24, 2014 Soil type: Grenada Silt Loam; Previous Crop: soybean; Fertilizer: 240/60/180 *2013 data not available because plot was not harvested **2012 data not available because of drought						
Augusta A776VT3PRO	227.8		59.3	20.0	77	0							
NK N83D-3000GT	225.4		58.0	21.7	77	0							
STEYER 11604	219.7		60.0	19.2	80	0							
REV [®] 28R10™	218.8	153.3	60.4	18.8	73	0							
AgriGold A6687VT2PRO	216.4		60.0	18.8	84	0							

continued

Table 9W. White Hybrid¹ Corn Test—Fulton County (Irrigated).

NAME	YIELD (BU/AC)		TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	12-14				
Pioneer 33G60	238.0		59.8	18.8	81	0
Pioneer P1477WHR	234.9		60.3	18.3	91	0
Pioneer 32B16	214.4		59.8	18.7	83	0
AgriGold A6507WBtRR	198.1		60.6	18.0	82	0
AgriGold A6580WBtRR	167.7		58.9	20.2	68	0
Average	214.6		60.1	18.5	84	0
C.V.	6.5		0.4	2.2	17	0
LSD (0.10)	30.7		0.6	0.9	31	0

¹ White varieties: 112-117 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: April 23, 2014; Harvest date: September 24, 2014
 Soil type: Grenada/Convent Silt Loam; Previous Crop: soybean; Fertilizer: 240/60/180
 *2013 data not available because plot was not harvested
 **2012 data not available because of drought

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

Monthly Precipitation (in)	Irrigated	Temperature			
		Average	Highest	Lowest	
March	4.87	0	43.5	54.4	32.6
April	10.39	0	58.4	68.8	48
May	3.32	1	69.5	78.7	60.3
June	3.91	2	76.4	84.2	68.6
July	2	2	73.3	83	63.6
August	2.6	1	77.5	87.2	67.9
September	1.91	0	68.8	80.3	57.4

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

NAME	YIELD (BU/AC)		TWT (LB/BU)	MST (%)	STD (%)	LOGD (%)
	2014	12-14				
Pioneer P1105AM	221.1		61.0	16.9	79	0
DEKALB DKC61-89RIB	219.5		61.8	15.9	86	0
T.A. Seeds TA625-31	215.6		60.3	17.6	81	0
LG Seeds LG2555VT3PRIB	213.9	131.8	61.4	16.2	85	0
Pioneer P1197AM	213.7		61.4	16.4	64	0
STEYER 111103	206.7		61.1	17.0	88	0
Warren Seed DS 9111SSX	205.4	153.2	61.1	16.5	90	0
Mycogen 2V717	205.3		61.8	15.4	76	0
Beck XL 5282AM TM **	201.5		60.8	17.0	84	0
DEKALB DKC60-67RIB	196.4		61.2	16.7	89	0
Pfister 2672RA	195.5		60.5	17.0	83	0
Stewart 7E743RIB	195.2		61.1	16.7	84	0
Pfister 2674RA	194.7		62.0	15.0	84	0
T.A. Seeds TA647-22DPRIB	193.0		61.9	16.0	78	0
InVISION FS61JV1RIB	192.8		62.1	15.3	88	0
Seed Consultants SCS 1094AM TM	192.7		61.1	16.4	95	0
Armor AXT3111	188.5		60.7	17.3	70	0
REV [®] 17HR73 TM	188.4		60.6	17.4	75	0
Channel 209-46STXRIB	187.9		60.7	17.1	86	0
Pfister 3366RA	186.9		61.5	16.1	88	0
Mycogen 2V709	185.6		61.4	16.2	81	0
Armor AXC3108	184.7		62.0	15.6	82	0
REV [®] 18BHR84 TM	183.6		61.7	15.9	89	0
LG Seeds LG5607VT2RIB	183.5		60.0	18.2	81	0
Armor AXC2108	182.5		62.9	14.4	79	0
Seed Consultants SCS10HR43 TM	182.3		62.4	15.0	79	0
Armor AXT4109	181.6		60.3	17.8	86	0
Armor 0700	181.5		62.8	14.6	78	0
Seed Consultants SC 11AQ15	181.0		59.8	18.7	87	0
AgriGold A6488VT2RIB	180.6		60.0	18.2	72	0
Mycogen 2A749	179.2		61.2	16.2	83	0
Stewart 7E833RIB	178.3		61.7	16.1	72	0
AgriGold A6472VT2RIB	178.0		60.8	17.1	77	0
Pfister 2574RA	176.5		61.4	16.1	74	0
Warren Seed DS 9610	173.9	130.6	60.6	17.2	69	0
Armor AXC4110	172.3		62.1	15.4	79	0
AgriGold A6408VT3PRIB	169.4		62.2	15.0	75	0
Stewart 7E253RIB	166.7		62.7	14.8	70	0
Great Lakes 6068STXRIB	163.7		62.8	14.4	64	0
T.A. Seeds TA583-22DPRIB	162.8		63.0	14.1	68	0
T.A. Seeds TA108-18	156.3		60.5	17.5	54	0
AgriGold A6442STXRIB	153.2		62.0	15.5	64	0
InVISION FS60ZV1RIB	149.5		61.9	15.6	64	0
Dyna-Gro D50VC43	129.6		61.7	16.1	63	0
Average	185.2	138.5	61.4	16.3	78	0
C.V.	10.0	11.0	1.2	5.9	16	1148
LSD (0.10)	35.8	26.6	1.4	1.9	24	0

¹ Early varieties: <112 days to maturity

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

Planting date: April 23, 2014; Harvest date: September 24, 2014

Soil type: Grenada Silt Loam; Previous Crop: soybean; Fertilizer: 200/45/135

*2013 data not available because plot was not harvested

**2012 data not available because of drought

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 (%)
	2014	12-14						2014	12-14				
Seed Consultants SCS 1131AM-R™	236.3		59.6	19.5	73	0	InVISION FS64MX1RIB	186.5		60.0	18.2	73	0
REV® 23BHR55™	230.4		60.4	18.0	80	0	T.A. Seeds TA753-28RIB	186.5		59.6	19.3	72	0
PROGENY PGY4114VT2P	225.2		60.7	17.6	73	0	STEYER 11209	185.6		60.5	18.0	81	0
Beck XL 6626AM™™	220.8		59.8	19.2	75	0	Wyffels W7806RIB	184.4		59.6	19.3	62	0
Steyer 11504 VT2PRORIBC	219.7		60.7	17.9	88	0	Pioneer P1498YHR	184.2	147.1	60.8	17.6	70	0
Pioneer P1479AM	216.8		59.9	18.7	79	0	Pfister 3488HR	184.2	147.0	58.5	20.1	75	0
REV® 25BHR44™	216.7		59.2	20.1	82	0	Dyna-Gro D55VP77	183.4		59.9	18.8	69	0
LG Seeds LG5638VT2PRO	214.6		59.6	19.2	75	0	Mycogen 2Y767	183.1		59.2	19.3	86	0
NK N75H-5122A	214.2		59.2	19.8	78	0	LG Seeds LG5622STX	182.8		60.9	17.3	81	0
Seed Consultants SCS 1154YHR™	214.2		59.2	20.1	84	0	PROGENY PGY4115VT2P	182.5		60.0	19.0	76	0
REV® 24BHR93™	213.9		60.1	18.7	83	0	Mycogen 2V779	182.3		60.2	17.9	77	0
DEKALB DKC63-35RIB	210.8		60.4	18.1	67	0	LG Seeds LG2636VT3RIB	180.3	129.1	60.3	17.9	66	0
Armor 1330	209.1		60.3	18.1	74	0	DEKALB DKC62-77RIB	179.4		60.1	18.3	74	0
Pioneer P1257AM	207.2		60.6	17.6	70	0	Armor AXC3114	179.2		59.4	19.4	69	0
T.A. Seeds TA765-30	206.5		60.0	19.1	81	0	STEYER 11304	177.7		60.7	17.7	81	0
Warren Seed DS 9713SSX	206.0		59.4	19.1	74	0	DEKALB DKC64-89RIB	174.6		60.6	17.8	74	0
Phoenix 6542A4**	205.8		58.5	20.8	74	0	Stewart 8A560RIB	173.0		59.8	19.0	78	0
Beck XL 6175AM™™	203.2		60.5	18.1	79	0	Wyffels W7736RIB	172.8		59.2	19.9	74	0
Beck 6347VR	203.0		60.2	18.6	75	0	Warren Seed DS 9314SSX	172.4		59.9	18.6	86	0
REV® 22BHR43™	201.6		60.2	18.8	81	0	Beck 6948A3	170.4		59.6	19.5	66	0
Wyffels W7888RIB	201.1		59.1	19.9	87	0	InVISION FS62SV1RIB	169.0		60.5	18.2	64	0
Pfister 3497RA	200.2		57.2	21.9	70	0	InVISION FS65SV4RIB	168.0		58.8	20.7	65	0
Augusta A5262GTCBLL	199.8		59.7	18.5	83	0	Wyffels W8377	167.6		59.7	18.8	63	0
AgriGold A6501VT2RIB	198.2		59.8	19.1	69	0	Caverndale CF 834 VT2PRO	167.4		59.9	19.0	64	0
Stewart 8E663RIB	197.4		60.1	18.6	75	0	LG Seeds LG5618STXRIB	167.1		58.9	20.3	70	0
AgriGold A6524VT2RIB	196.6		60.8	17.6	82	0	Channel 215-52VT3PRIB	167.0	136.5	60.3	18.2	75	0
Pioneer P1319HR	196.4	127.7	60.7	17.9	83	0	Caverndale CF 837 GTCBLL	165.9		58.6	20.3	65	0
Warren Seed DS11509SSX	196.3		59.6	18.4	72	0	Mycogen 2C799	165.9		60.5	17.8	62	0
Pfister 2874RA	195.7		59.1	19.6	65	0	Great Lakes 6462STXRIB	165.5		59.3	19.6	63	0
Stewart 8E753RIB	195.4		60.2	18.5	75	0	NK N70J-3011A	165.4		60.0	18.5	70	0
InVISION FS63SV1RIB	194.8		59.6	19.4	77	0	Great Lakes 6354VT3PRIB	163.9		60.9	17.1	55	0
Dyna-Gro D52VC91	194.3		59.4	19.3	69	0	Mycogen 2C788	162.6		60.6	17.4	80	0
NK N74R-3000GT	194.3		59.8	18.5	76	0	Pfister 2770RA	162.5		60.2	18.0	88	0
AgriGold A6499STXRIB	194.2		59.2	19.9	69	0	Armor 1314	162.1		61.0	16.9	57	0
Warren Seed DS 9212SSX	194.2		60.5	17.5	72	0	DEKALB DKC62-08RIB	162.0		60.7	17.6	58	0
Armor 1555	194.1		60.3	18.4	79	0	AgriGold A6573VT2RIB	158.5		61.3	16.7	56	0
T.A. Seeds TA683-13VPRIB	193.4		60.0	18.7	78	0	Armor AXT4113	150.9		61.0	17.6	63	0
Channel 213-57VT2PRIB	192.3		60.0	18.4	80	0	AgriGold A6533VT2RIB	149.6	131.5	60.7	17.8	51	0
AgriGold A6559VT2PRO	191.7		60.2	18.2	70	0	Armor 1550PRO2	145.6		59.8	19.3	60	0
Seed Consultants SC11AQ35™	191.1		59.5	19.0	58	0	Armor 1262PRO2	141.7	107.9	60.4	18.2	66	0
Steyer 11407 VT3PRORIBC	191.0	155.8	60.2	18.6	81	0	DEKALB DKC65-19RIB	138.6		59.2	20.1	53	0
Dyna-Gro D53VC13	190.1		60.5	18.0	83	0	Average	187.3	138.1	59.9	18.7	73	0
AgriGold A6517VT3PRIB	189.1	130.1	59.9	18.5	70	0	C.V.	11.3	14.0	0.8	3.7	17	0
Phoenix 5832A3**	188.9		60.4	18.0	76	0	LSD (0.10)	40.4	34.0	0.9	1.3	24	0
AgriGold A6574STX	188.8		59.2	19.9	69	0	2 Medium varieties: 112-115 days to maturity						
Stewart 8A305RIB	188.7		60.7	17.6	69	0	Shaded cells are not significantly different from top yield (0.10)						
Warren Seed DS 9311SSX	188.3		60.3	17.6	81	0	Planting date: April 23, 2014; Harvest date: September 24, 2014						
Seed Consultants SC11AGT43™	188.0		58.5	20.6	67	0	Soil type: Grenada Silt Loam; Previous Crop: soybean; Fertilizer: 200/45/135						
Stewart 8E623RIB	188.0		59.8	18.8	74	0	*2013 data not available because plot was not harvested						
AUGUSTA 6664	187.4		59.9	19.0	66	0	**2012 data not available because of drought						

continued

Table 11W. White Hybrid¹ Corn Test—Fulton County (Rainfed).

NAME	YIELD (BU/AC)	TWT	MST	STD	LODG
	2014	(LB/BU)	(%)	(%)	(%)
Pioneer P1477WHR	199.6	61.6	16.4	88	0
AgriGold A6507WBtRR	176.5	62.0	15.9	88	0
Pioneer 32B16	160.2	61.3	16.6	84	0
Pioneer 33G60	158.2	61.2	16.9	75	0
AgriGold A6580WBtRR	135.4	60.9	17.2	75	0
Average	174.4	61.5	16.5	84	0
C.V.	8.6	1.6	8.2	11	0
LSD (0.10)	32.8	2.1	3.0	20	0

¹ White varieties: 112-117 days to maturity

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

Planting date: April 23, 2014; Harvest date: September 24, 2014

Soil type: Grenada Silt Loam; Previous Crop: soybean; Fertilizer: 200/45/135

*2013 data not available because plot was not harvested

**2012 data not available because of drought

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

Monthly Precipitation (in)	Temperature			
	Average	Highest	Lowest	
March	4.87	43.5	54.4	32.6
April	10.39	58.4	68.8	48
May	3.32	69.5	78.7	60.3
June	3.91	76.4	84.2	68.6
July	2	73.3	83	63.6
August	2.6	77.5	87.2	67.9
September	1.91	68.8	80.3	57.4

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

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	13-14	12-14				
Pioneer P1197AM	233.7			62.7	15.3	99	0
Beck XL 5282AM TM *	218.6	196.9		62.7	15.2	100	0
DEKALB DKC61-89RIB	217.2	190.4		63.1	14.8	100	0
AgriGold A6472VT2RIB	215.7			62.6	15.8	100	0
Seed Consultants SCS10HR43 TM	215.1			64.0	13.8	100	0
Dyna-Gro D50VC43	214.1			62.1	16.0	100	1
Stewart 7E833RIB	213.8			62.6	15.8	97	0
Stewart 7E743RIB	213.7	177.7		63.6	14.1	100	0
Mycogen 2V717	212.1	178.1		63.0	14.9	94	0
Pioneer P1105AM	211.6			62.5	16.1	100	0
REV [®] 18BHR84 TM	210.7			63.5	14.3	98	0
Pfister 2672RA	209.3			61.6	16.2	100	0
AgriGold A6488VT2RIB	208.0			62.4	15.6	100	0
AgriGold A6408VT3PRIB	207.9	182.5		64.0	13.8	98	0
Channel 209-46STXRIB	207.9			63.1	15.0	100	0
Pfister 3366RA	207.8			60.9	17.4	97	0
Armor AXC4110	206.2			63.5	14.2	98	0
DEKALB DKC60-67RIB	205.1			63.2	15.0	99	0
REV [®] 17HR73 TM	205.0	184.1		63.7	14.2	99	0
Mycogen 2V709	204.7	173.3		63.2	14.5	99	0
Warren Seed DS 9111SSX	204.7	183.7	154.6	62.3	15.7	100	0
T.A. Seeds TA647-22DPRIB	204.3			63.0	15.2	100	0
Armor AXT3111	203.5			62.4	15.6	100	0
AgriGold A6442STXRIB	202.9			63.0	14.8	100	0
Seed Consultants SCS 1094AM TM	202.5	181.5		64.0	14.0	100	0
Mycogen 2A749	202.1	179.7		62.0	15.9	99	0
LG Seeds LG5607VT2RIB	202.1			63.1	14.9	100	0
InVISION FS60ZV1RIB	201.8			62.5	15.3	98	0
T.A. Seeds TA583-22DPRIB	200.4			64.3	13.3	96	0
Armor 0700	200.3			65.1	12.6	100	0
Great Lakes 6068STXRIB	199.3			63.1	15.0	95	0
T.A. Seeds TA625-31	199.3			60.2	18.4	100	0
Warren Seed DS 9610	198.8	183.6	143.1	63.3	14.8	100	0
Pfister 2574RA	198.2			63.1	14.8	100	0
Armor AXC2108	198.1			64.0	13.7	100	1
T.A. Seeds TA108-18	196.7			62.6	15.2	98	0
InVISION FS61JV1RIB	196.1			62.2	16.0	100	0
LG Seeds LG2555VT3PRIB	193.1	172.5	142.6	62.2	15.7	100	0
Stewart 7E253RIB	192.9			63.5	14.4	99	0
Pfister 2674RA	192.2			63.7	13.8	100	0
STEYER 11103	191.8	173.2		62.1	16.3	98	0
Seed Consultants SC 11AQ15	186.2			60.8	17.7	97	0
Armor AXC3108	184.7			63.2	14.9	98	0
Armor AXT4109	183.7			63.6	14.6	98	0
Average	204.0	181.3	146.8	62.9	15.1	99	0
C.V.	5.6	7.1	9.5	1.3	6.5	2	420
LSD (0.10)	22.1	18.6	19.6	1.6	1.9	5	1

¹ Early varieties: <112 days to maturity
Shaded cells are not significantly different from top yield (0.10)
Planting date: May 3, 2014; Harvest date: September 30, 2014
Soil type: Crider Silt Loam; Previous Crop: soybean; Fertilizer: 150/50/50

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

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	13-14	12-14						2014	13-14	12-14				
PROGENY PGY4114VT2P	226.6			62.4	15.4	100	0	Mycogen 2C799	205.0			61.0	16.9	98	0
REV [®] 24BHR93™	224.7	198.3		60.5	17.8	98	0	AgriGold A6533VT2RIB	204.9	156.2	134.8	62.2	15.4	99	0
Wyffels W7806RIB	221.9			61.6	16.5	99	0	Warren Seed DS 9314SSX	204.7	183.0		60.6	17.3	100	0
Phoenix 5832A3**	221.0	191.5		62.7	14.3	100	0	Steyer 11407 VT3PRORIBC	204.6	194.4	183.9	60.7	17.5	97	0
DEKALB DKC64-89RIB	219.8			62.1	15.6	99	0	Great Lakes 6462STXRIB	204.4			60.9	17.2	70	0
NK N70J-3011A	219.4	190.1		62.3	15.4	100	0	DEKALB DKC62-08RIB	204.4	185.4		62.4	15.2	100	0
AgriGold A6501VT2RIB	219.3			61.7	16.3	100	0	STEYER 11209	204.2			61.5	16.4	98	0
T.A. Seeds TA753-28RIB	218.9			60.4	17.8	96	0	Armor 1550PRO2	204.1	179.5		61.8	16.3	97	0
Armor 1330	217.5			62.5	15.3	96	0	Mycogen 2V779	204.0	182.8		61.1	16.3	100	0
DEKALB DKC65-19RIB	217.3	188.5		60.6	18.0	92	0	Dyna-Gro D55VP77	203.9	189.2		61.2	16.9	100	0
LG Seeds LG2636VT3RIB	216.9	183.4	162.7	60.6	17.5	100	0	InVISION FS65SV4RIB	203.5			61.0	17.2	97	0
Beck XL 6626AM™™	216.8	194.7		60.9	17.3	98	0	Phoenix 6542A4**	203.4	189.7		61.1	16.8	97	0
REV [®] 23BHR55™	216.4			61.6	16.1	99	0	InVISION FS64MX1RIB	202.9			62.4	15.1	100	0
REV [®] 22BHR43™	216.0	183.1		61.1	17.1	97	0	AgriGold A6499STXRIB	202.9			60.9	17.5	99	0
Seed Consultants SC11AGT43™	215.6			59.6	18.9	100	0	Warren Seed DS 9212SSX	202.7	180.5		62.4	14.9	100	0
PROGENY PGY4115VT2P	215.6			62.0	16.0	100	0	Stewart 8E623RIB	202.3			62.1	15.5	97	0
Stewart 8E753RIB	215.5	186.3		60.2	18.1	98	0	Stewart 8A560RIB	201.8			60.1	18.5	99	0
Steyer 11504 VT2PRORIBC	215.3	186.6		62.8	15.0	100	0	Stewart 8A305RIB	201.2			61.9	15.8	99	0
AgriGold A6517VT3PRIB	215.1	187.6	170.9	60.9	16.8	100	0	Armor 1555	200.5			60.7	17.5	99	0
Stewart 8E663RIB	214.2	188.2		60.4	18.0	98	0	Pfister 2770RA	200.3	184.9		60.4	17.8	100	0
Pioneer P1319HR	213.5	188.2	175.2	61.0	17.4	94	0	Seed Consultants SCS 1131AM-R™	199.7	186.1		60.8	17.4	98	0
Channel 213-57VT2PRIB	212.7	197.9		61.7	15.8	99	0	Warren Seed DS 9311SSX	199.6	182.3		60.9	16.5	100	0
AgriGold A6573VT2RIB	212.7			61.3	16.6	99	0	LG Seeds LG5622STX	199.5			61.8	15.9	99	0
Dyna-Gro D53VC13	212.6	182.0		61.9	15.8	65	0	Mycogen 2Y767	199.1	179.4		60.6	17.4	100	0
Pioneer P1479AM	212.5			60.6	17.6	99	0	REV [®] 25BHR44™	198.5			59.6	19.1	100	0
AUGUSTA 6664	212.0			61.9	15.9	99	0	T.A. Seeds TA765-30	197.9			59.9	18.8	97	0
LG Seeds LG5618STXRIB	211.7	184.1		60.5	17.9	100	0	Pfister 3497RA	197.9			57.8	21.0	99	0
Warren Seed DS 9713SSX	211.4	182.6		60.7	16.7	100	0	InVISION FS63SV1RIB	197.5			60.5	17.6	98	0
Dyna-Gro D52VC91	211.4	186.2		61.2	17.0	100	0	Seed Consultants SCS 1154YHR™	197.4	175.9		59.7	19.0	98	0
LG Seeds LG5638VT2PRO	211.4			61.4	16.4	100	0	Pfister 2874RA	197.0			61.2	16.3	99	0
NK N74R-3000GT	210.8			59.4	19.3	99	0	Armor AXT4113	196.4			63.3	14.3	97	0
Wyffels W8377	210.3			60.3	17.8	100	0	InVISION FS62SV1RIB	195.5			63.2	13.7	100	0
Wyffels W7888RIB	210.0			60.7	17.4	100	0	AgriGold A6574STX	194.9			60.0	18.4	98	0
T.A. Seeds TA683-13VPRIB	209.9			61.7	16.2	100	0	Pioneer P1498YHR	192.8	171.1	158.8	60.4	17.9	100	0
Seed Consultants SC11AQ35™	209.7			61.5	16.2	100	0	Armor 1262PRO2	192.4	176.3	141.2	62.7	15.1	96	0
Channel 215-52VT3PRIB	209.0	196.9	184.5	61.0	17.0	94	0	Warren Seed DS11509SSX	192.1			61.4	16.3	100	0
Beck 6948A3	208.4	189.5		60.5	17.8	100	0	Pfister 3488HR	191.2	182.5	177.2	57.8	20.8	99	0
Great Lakes 6354VT3PRIB	207.6	175.7		60.7	17.2	100	0	Mycogen 2C788	190.9			59.9	18.2	100	0
AgriGold A6559VT2PRO	207.2	197.6		62.3	15.6	99	0	Armor 1314	189.8			62.9	14.6	99	0
Armor AXC3114	206.9			61.3	16.4	100	0	STEYER 11304	186.6			63.2	14.6	98	0
DEKALB DKC63-35RIB	206.7			63.0	14.5	99	0	Beck 6347VR	184.5			60.8	17.3	97	0
AgriGold A6524VT2RIB	206.7			60.9	17.0	94	0	Caverndale CF 837 GTCBLL	183.8	173.3		58.8	20.2	91	0
DEKALB DKC62-77RIB	206.3			62.8	14.5	100	0	NK N75H-5122A	168.1			60.6	17.5	96	0
Beck XL 6175AM™™	206.2	185.0		60.8	17.5	100	0	Average	205.9	185.0	168.5	61.1	16.9	98	0
Augusta A5262GTCBLL	205.8	187.4		60.0	17.9	100	0	C.V.	4.9	6.6	9.2	1.0	4.5	8	0
Wyffels W7736RIB	205.4			61.0	16.9	96	0	LSD (0.10)	19.2	17.3	16.6	1.1	1.5	15	0
Caverndale CF 834 VT2PRO	205.4	186.9		60.7	17.5	88	0								
Pioneer P1257AM	205.2			61.5	16.1	100	0								

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 3, 2014; Harvest date: September 30, 2014
 Soil type: Crider Silt Loam; Previous Crop: soybean; Fertilizer: 150/50/50

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

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	13-14	12-14						2014	13-14	12-14				
Pioneer P1637AM	225.4			60.1	18.4	97	0	LG Seeds LG5701VT2RIB	200.7			60.2	18.2	100	0
NK N83D-3000GT	223.0			57.7	21.3	98	0	Caverndale CF 894 VT2PRO	200.7	194.8		59.2	19.5	100	0
Beck 6967VR	220.2			58.0	21.0	100	0	REV [®] 28R10™	197.0	193.9	180.4	59.8	18.8	79	0
REV [®] 28HR20™	219.6	210.5	184.4	59.4	19.3	100	0	STEYER 11604	196.8			59.3	19.5	96	0
Seed Consultants SCS 11HR63™	218.0	194.0	161.4	60.7	17.4	98	0	Augusta A7767VT3PRO	196.6	187.7		59.4	19.2	100	0
Caverndale CF883GTCBLL	217.7			57.3	21.9	99	0	Great Lakes 6686VT3PRIB	195.0	179.4		60.0	18.2	98	0
DEKALB DKC66-40RIB	217.6	192.2		60.5	17.5	100	0	AgriGold A6659VT2RIB	194.3			60.1	18.3	94	0
Pioneer P1602AM	213.7			60.5	17.8	98	0	InVISION FS66JV1RIB	189.2			60.0	18.1	99	0
Armor 1616	211.5			59.6	19.0	98	0	Channel 217-08VT3PRIB	184.1	182.4	179.5	60.5	17.4	98	0
T.A. Seeds TA790-20	210.9			58.1	20.8	100	0	Warren Seed DS9217SSX	179.6			58.4	20.2	100	0
DEKALB DKC67-58RIB	210.8	189.2		59.5	19.2	100	0	Average	206.4	199.7	182.4	59.5	19.0	98	0
Pioneer P2089AM	210.4			58.8	20.2	99	0	C.V.	4.5	5.6	7.3	0.9	3.7	4	0
REV [®] 27HR83™	208.3	156.9	141.6	60.1	18.5	96	0	LSD (0.10)	18.2	15.7	13.5	1.0	1.4	8	0
AUGUSTA 8868	206.1			59.6	18.9	99	0	¹ Late varieties: >115 days to maturity							
T.A. Seeds TA784-13VPRIB	206.0			59.5	18.9	95	0	Shaded cells are not significantly different from top yield (0.10)							
AgriGold A6687VT2PRO	203.2	183.7		60.8	17.4	100	0	Planting date: May 3, 2014; Harvest date: September 30, 2014							
AgriGold A6719VT2PRO	202.4			60.7	17.4	100	0	Soil type: Crider Silt Loam; Previous Crop: soybean; Fertilizer: 150/50/50							

continued

Table 13W. White Hybrid¹ Corn Test—Larue County.

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2014	13-14	12-14				
Pioneer P1477WHR	206.8	168.1		60.0	18.5	100	0
AgriGold A6580WBtRR	197.7			61.7	16.1	100	0
Pioneer 33G60	196.8	166.0	159.8	60.2	18.0	100	0
Pioneer P1431W	185.9	166.2	167.5	61.7	16.4	95	0
Pioneer 32B16	183.0	159.5	165.8	59.6	18.9	98	0
AgriGold A6507WBtRR	182.0	156.1	153.6	61.8	16.2	100	0
Average	195.0	163.2	161.7	60.6	17.6	99	0
C.V.	4.0	9.1	8.1	0.8	4.0	2	489
LSD (0.10)	16.8	22.4	15.8	1.0	1.5	3	0

¹ White varieties: 112-117 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 3, 2014; Harvest date: September 30, 2014
 Soil type: Crider Silt Loam; Previous Crop: soybean; Fertilizer: 150/50/50

Table 14. Weather Data—Larue County.

Monthly Precipitation (in)	Temperature			
	Average	Highest	Lowest	
March	3.13	42.1	53.8	30.4
April	6.3	58.7	69.9	47.6
May	4.9	66.5	76.6	56.3
June	3.37	73.8	82.3	65.2
July	3.08	71.9	82.2	61.6
August	5.32	74.7	83.7	65.8
September	0.68	68.4	78.8	57.9

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

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LOGD (%)
	2014	13-14	12-14				
Pioneer P1197AM	264.9			57.6	22.0	95	0
DEKALB DKC61-89RIB	250.4	236.9		58.3	21.9	94	0
Pioneer P1105AM	249.5			58.5	21.6	98	0
LG Seeds LG2555VT3PRIB	244.7	233.9	230.7	57.5	22.2	97	0
Stewart 7E833RIB	244.1			58.0	21.6	100	0
Great Lakes 6068STXRIB	240.8			58.7	21.0	96	0
Pfister 3366RA	239.3			56.5	23.4	95	0
Seed Consultants SC 11AQ15	238.7			56.4	23.3	94	0
Seed Consultants SCS 1094AM™	237.1	229.3		58.7	21.3	100	0
Stewart 7E743RIB	236.5	231.2		58.0	21.9	98	0
InVISION FS60ZV1RIB	236.4			57.7	21.9	99	0
InVISION FS61JV1RIB	235.7			57.9	22.2	94	0
LG Seeds LG5607VT2RIB	235.6			57.3	22.4	99	0
AgriGold A6488VT2RIB	235.2			58.8	20.9	98	0
T.A. Seeds TA647-22DPRIB	233.3			58.5	21.3	98	0
Armor AXC3108	232.2			58.8	21.2	100	0
Pfister 2674RA	229.5			57.7	21.9	100	0
Channel 209-46STXRIB	228.3			58.3	21.5	96	0
Dyna-Gro D50VC43	227.9			58.8	21.4	93	0
AgriGold A6442STXRIB	227.3			58.3	21.4	97	0
Mycogen 2V717	225.9	218.2		57.0	22.4	97	0
STEYER 111103	225.6	216.1		58.1	21.5	99	0
Armor AXT4109	223.8			57.6	22.4	100	0
Armor 0700	222.9			60.0	19.1	100	0
Mycogen 2V709	222.6	217.8		56.8	22.9	99	0
Seed Consultants SCS10HR43™	222.0			60.2	18.7	98	0
Warren Seed DS 9610	221.2	219.7	215.4	57.6	21.9	100	0
Armor AXT3111	221.1			57.3	22.4	87	0
T.A. Seeds TA108-18	220.6			58.1	21.4	98	0
Pfister 2574RA	220.6			57.0	22.6	100	0
Warren Seed DS 9111SSX	220.2	224.1	219.5	57.2	22.9	100	0
T.A. Seeds TA583-22DPRIB	220.1			59.4	19.7	92	0
Beck XL 5282AM™*	219.8	215.5		58.4	21.1	98	0
T.A. Seeds TA625-31	219.0			56.5	23.4	100	0
Pfister 2672RA	218.6			57.0	22.4	96	0
Armor AXC2108	217.9			59.5	19.7	95	0
Mycogen 2A749	216.0	198.0		56.6	22.8	100	0
Armor AXC4110	215.7			58.6	20.9	99	0
DEKALB DKC60-67RIB	215.2			58.8	21.0	100	0
REV® 18BHR84™	214.1			58.8	21.1	99	0
REV® 17HR73™	212.3	202.5		59.1	20.3	97	0
AgriGold A6472VT2RIB	211.9			57.7	21.8	99	0
AgriGold A6408VT3PRIB	202.9	187.4		58.0	21.3	95	0
Stewart 7E253RIB	193.2			58.9	20.8	94	0
Average	227.1	217.7	221.9	58.1	21.6	97	0
C.V.	5.5	6.4	7.7	0.9	3.1	4	710
LSD (0.10)	24.3	19.2	18.8	1.0	1.3	8	0

¹ Early varieties: <112 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 5, 2014; Harvest date: September 18, 2014
 Soil type: Belknap Silt Loam; Previous Crop: soybean; Fertilizer: 180/75/82

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 (%)
	2014	13-14	12-14						2014	13-14	12-14				
Beck XL 6626AM™	256.8	251.4		55.8	24.5	95	0	Caverndale CF 837 GTCBLL	227.7	215.1		54.9	26.1	92	0
Pfister 2874RA	255.8			56.2	23.1	100	0	Beck 6948A3	227.0	214.0		56.6	23.0	100	0
PROGENY PGY4114VT2P	254.3			57.1	22.3	98	0	AgriGold A6499STXRIB	226.2			56.4	23.3	99	0
REV® 23BHR55™	252.2			57.5	21.9	100	0	Great Lakes 6354VT3PRIB	225.9	215.8		56.6	23.0	100	0
Caverndale CF 834 VT2PRO	251.5	236.9		57.3	22.4	99	0	Warren Seed DS 9311SSX	225.8	214.9		56.3	23.0	96	0
NK N75H-5122A	250.9			57.4	22.3	90	0	Mycogen 2C799	225.4			55.9	23.4	100	0
Steyer 11504 VT2PRORIBC	250.9	220.1		57.0	22.4	99	0	AgriGold A6574STX	225.0			56.5	23.3	98	0
AgriGold A6501VT2RIB	249.7			57.6	22.3	97	0	AgriGold A6559VT2PRO	224.6	223.1		57.3	22.2	98	0
Pioneer P1319HR	248.5	229.7	226.2	57.6	22.2	95	0	Phoenix 6542A4**	224.5	227.7		55.5	24.8	98	0
REV® 24BHR93™	248.3	236.4		55.5	24.8	98	0	Great Lakes 6462STXRIB	224.5			56.6	23.1	98	0
Armor 1330	244.6			57.4	22.2	96	0	LG Seeds LG5638VT2PRO	224.2			56.5	23.1	99	0
Channel 213-57VT2PRIB	243.7	234.2		57.4	21.9	100	0	Stewart 8A560RIB	223.8			56.4	23.5	95	0
Warren Seed DS 9713SSX	242.6	214.9		56.0	23.6	100	0	Channel 215-52VT3PRIB	223.6	228.0	240.0	57.3	22.5	94	0
PROGENY PGY4115VT2P	241.9			56.9	22.6	96	0	InVISION FS63SV1RIB	223.3			55.8	24.2	99	0
Pioneer P1479AM	241.8			57.6	22.0	98	0	Mycogen 2C788	222.3			56.4	23.4	98	0
Phoenix 5832A3**	241.7	222.3		57.0	22.8	100	0	Pfister 2770RA	221.0	200.5		56.3	23.4	98	0
InVISION FS65SV4RIB	241.7			55.9	24.4	98	0	Pfister 3488HR	220.6	212.7	214.9	55.5	24.6	96	0
Seed Consultants SCS 1131AM-R™	241.4	238.1		55.1	26.1	99	0	Stewart 8E623RIB	220.0			55.9	23.7	99	0
AUGUSTA 6664	240.4			55.5	24.3	96	0	T.A. Seeds TA765-30	219.8			56.5	23.3	96	0
Stewart 8E753RIB	240.1	230.4		56.5	23.5	94	0	Beck 6347VR	219.7			57.9	21.8	95	0
Wyffels W7806RIB	239.9			56.8	23.0	98	0	Dyna-Gro D52VC91	219.4	220.2		56.3	23.5	98	0
Stewart 8E663RIB	239.4	237.0		56.9	22.8	98	0	Mycogen 2V779	219.3	213.8		56.7	22.5	100	0
REV® 22BHR43™	239.1	220.5		57.4	22.5	99	0	Wyffels W7888RIB	218.6			56.9	22.9	99	0
Beck XL 6175AM™	238.8	225.9		57.6	22.3	93	0	Wyffels W7736RIB	218.5			57.3	22.3	98	0
AgriGold A6517VT3PRIB	238.0	219.9	218.0	57.1	22.2	100	0	AgriGold A6573VT2RIB	217.9			57.0	22.2	100	0
Steyer 11407 VT3PRORIBC	237.6	209.0	217.7	56.9	22.7	96	0	LG Seeds LG2636VT3RIB	217.6	216.9	214.4	56.1	23.5	99	0
AgriGold A6524VT2RIB	236.1			56.2	23.5	94	0	Seed Consultants SC11AQ35™	217.4			57.0	22.1	97	0
DEKALB DKC63-35RIB	236.0			57.9	21.4	98	0	Armor 1550PRO2	217.2	219.3		57.5	22.2	99	0
DEKALB DKC62-08RIB	235.2	236.8		57.4	21.6	98	0	DEKALB DKC64-89RIB	215.7			58.1	21.4	98	0
Augusta A5262GTCBLL	234.5	224.6		56.5	22.8	100	0	STEYER 11304	215.5			58.7	20.8	92	0
Warren Seed DS 9314SSX	234.3	226.2		56.7	22.8	98	0	DEKALB DKC65-19RIB	214.6	219.2		56.8	22.7	85	0
Seed Consultants SCS 1154YHR™	234.0	240.8		55.5	25.2	100	0	T.A. Seeds TA683-13VPRIB	213.2			57.4	22.0	99	0
Dyna-Gro D55VP77	232.8	219.5		57.6	22.1	94	0	Stewart 8A305RIB	213.0			57.7	21.9	99	0
Wyffels W8377	232.8			55.7	24.4	98	0	STEYER 11209	213.0			57.0	22.6	98	0
Seed Consultants SC11AGT43™	232.4			55.2	25.0	99	0	Pfister 3497RA	211.3			54.0	28.3	99	0
Warren Seed DS 9212SSX	231.5	219.7		57.5	21.7	98	0	Warren Seed DS11509SSX	211.3			56.5	22.7	99	0
T.A. Seeds TA753-28RIB	231.3			56.7	22.9	96	0	InVISION FS62SV1RIB	210.7			57.5	22.2	100	0
NK N74R-3000GT	231.3			56.6	23.0	99	0	Armor 1314	209.8			58.6	20.8	100	0
LG Seeds LG5618STXRIB	231.1	227.9		56.9	22.7	100	0	Armor 1555	208.5			56.7	23.0	62	0
Dyna-Gro D53VC13	231.0	221.1		58.1	21.3	99	0	Pioneer P1257AM	208.1			58.1	21.2	95	0
REV® 25BHR44™	230.7			55.6	25.0	99	0	Armor AXT4113	205.3			58.3	21.2	96	0
Pioneer P1498YHR	229.5	222.5	226.0	56.1	24.1	100	0	InVISION FS64MX1RIB	205.2			56.0	24.0	97	0
NK N70J-3011A	228.7	213.9		57.1	22.3	100	0	LG Seeds LG5622STX	190.9			58.1	21.4	85	0
DEKALB DKC62-77RIB	228.5			57.5	22.1	100	0	AgriGold A6533VT2RIB	182.0	189.5	195.4	57.5	22.0	99	0
Armor 1262PRO2	227.9	214.8	214.9	57.6	22.0	100	0	Average	228.3	221.8	219.1	56.8	22.9	97	0
Armor AXC3114	227.9			56.0	24.0	93	0	C.V.	8.4	8.6	9.1	1.1	3.5	7	676
Mycogen 2Y767	227.8	215.1		55.7	23.7	100	0	LSD (0.10)	36.9	26.0	19.3	1.2	1.6	13	0

continued

¹ Medium varieties: 112-115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 5, 2014; Harvest date: September 18, 2014
 Soil type: Belknap Silt Loam; Previous Crop: soybean; Fertilizer: 180/75/82

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

NAME	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LOGD (%)
	2014	2013-14	2012-14				
T.A. Seeds TA784-13VPRIB	241.4			54.8	26.7	97	0
DEKALB DKC67-58RIB	227.2	212.4		55.8	24.1	98	0
Great Lakes 6686VT3PRIB	224.8	226.6		56.6	23.0	100	0
REV® 28HR20™	224.6	233.6	227.5	55.1	25.7	96	0
Caverdale CF 894 VT2PRO	223.3	203.1		55.9	24.5	98	0
REV® 28R10™	219.7	219.4	209.9	55.2	25.5	97	0
DEKALB DKC66-40RIB	219.3	220.6		54.2	28.3	97	0
T.A. Seeds TA790-20	219.1			54.9	25.9	97	0
Channel 217-08VT3PRIB	218.6	221.2	225.3	54.9	26.1	93	0
AgriGold A6659VT2RIB	215.9			54.9	26.4	96	0
Pioneer P1602AM	215.1			54.9	25.9	96	0
Augusta A7767VT3PRO	215.1	223.6		55.3	25.0	100	0
AgriGold A6687VT2PRO	211.0	211.9		55.7	24.4	99	0
Armor 1616	210.8			55.5	25.2	96	0
Pioneer P1637AM	207.6			55.3	25.4	98	0
InVISION FS66JV1RIB	205.7			55.8	23.9	99	0
REV® 27HR83™	205.2	215.8	222.9	55.3	25.1	94	0
Pioneer P2089AM	203.6			55.4	24.8	99	0
Warren Seed DS9217SSX	201.3			55.3	25.7	96	0
Caverdale CF883GTCBLL	200.4			55.6	24.6	96	0
LG Seeds LG5701VT2RIB	198.0			54.1	28.1	97	0
STEYER 11604	196.6			54.6	27.0	95	0
Seed Consultants SCS 11HR63™	196.4	222.2	217.2	55.0	26.0	100	0
Beck EX1467VR	193.0			54.8	26.3	100	0
NK N83D-3000GT	191.5			54.7	26.6	93	0
AUGUSTA 8868	190.8			56.0	24.2	99	0
AgriGold A6719VT2PRO	190.4			55.6	24.3	97	0
Average	210.0	218.7	218.7	55.2	25.5	97	0
C.V.	8.9	7.5	8.6	1.7	8.2	3	508
LSD (0.10)	36.5	21.8	17.4	1.8	4.1	5	0

¹ Late varieties: >115 days to maturity
 Shaded cells are not significantly different from top yield (0.10)
 Planting date: May 5, 2014; Harvest date: September 18, 2014
 Soil type: Belknap Silt Loam; Previous Crop: soybean; Fertilizer: 180/75/82

Table 16. Weather Data—Webster County.

Monthly Precipitation (in)	Temperature			
	Average	Highest	Lowest	
March	3.1	41.3	52.8	29.9
April	11.8	57	67.3	46.7
May	2.5	67.4	77.4	57.5
June	3.34	76	85.3	66.8
July	2.49	73	84.3	61.8
August	4.1	76.8	86.4	67.1
September	2.28	67.3	79.2	55.5

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