

2012 Kentucky Hybrid Corn Performance Test

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The objective of the Kentucky Hybrid Corn Performance Test is to provide performance estimates of hybrid seed corn sold in Kentucky. The test has been conducted in an unbiased manner according to accepted agronomic practices.

Presentation of Data

The 2012 hybrid performance data is presented for the tests across locations for single-year, two-year and three-year averages. Individual location data, when appropriate, is included as well. However, data across locations and years is a better predictor of hybrid performance. The multiple location data tables are the state summary tables.

Hybrids are grouped into four tests: Early, Medium, Late, and White. The Early test represents hybrids with relative maturities of 112 days or earlier, the Medium test represents hybrids with relative maturities of 113 to 117 days, and the Late test represents hybrids with relative maturities of 118 days or later. The White test represents hybrids with a white seed coat and a relative maturity of 112 to 118 days. Comparisons made between yields (and any other characteristics) of any two or more hybrids should be made with data from one table at a time. Hybrids should not be compared across tables. Hybrids that are likely to yield as high as the highest-yielding hybrid, based on statistical evaluation, are indicated by an asterisk. See the “Hybrid Comparisons” and “Experimental Design and Means Comparisons” text sections for more detail.

Testing Procedure

Selection of Hybrids

The hybrids chosen for testing are those most likely to be available for sale in 2013. Seed of each commercial hybrid (Table 3) was obtained from the sponsoring company. Each company defined the maturity of their hybrids and was given the opportunity to identify the proper tests for their hybrids. Each company paid for the entry of their hybrid(s) into the test.

Location of Tests

The map on Page 1 shows the test locations. The test sites were selected to represent different agroclimatic areas of Kentucky where corn is a major commodity.

Cultural Practices

Corn seed was planted no-till into soybean stubble at all locations. Fertilizer was applied as indicated by soil tests.

All test areas were treated with herbicide(s) and insecticide(s). Force insecticide was applied in the row at planting to control corn rootworms. Seed corn may have been treated per each company’s prerogative.

Experimental Design and Mean Comparisons

Each hybrid was grown in three replications at each location to sample uncontrollable variability within the field. Annual mean yields presented in the tables are averages of three

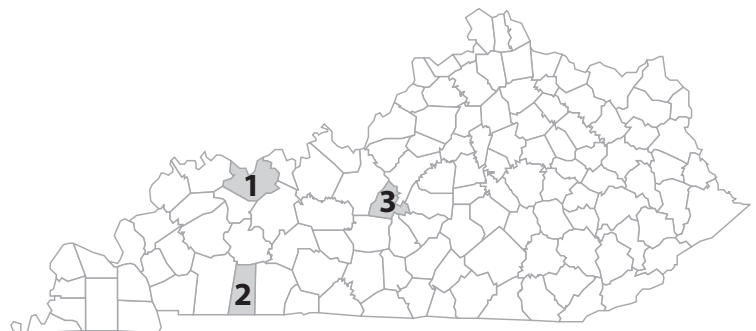
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Locations of the 2012 Hybrid Corn Performance Tests



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

replications at the test site, while two-year and three-year means are averages of six and nine replications, respectively. A randomized complete block design (RCBD) was used for each test at each location.

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

Consider the following example:

Hybrid	Yield (bushel per acre)
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 we would expect hybrids A and B to have similar yields 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 yield more than Hybrid C next year.

The LSD occurs at the bottom of each table. Yields that are less than the LSD are not significantly different from each other. An asterisk has been placed alongside yields that are not significantly different from the highest yield mean in that column. In addition, the tables are sorted from greatest yield to least yield.

The coefficient of variation (CV) is a calculated value that helps indicate unexplained variation in the studies. A smaller CV indicates less unexplained variation and more precise results. Typically, a CV of about 15 or less is expected in hybrid performance tests. A CV greater than 15 indicates too much unexplained variability, and the test is not suitable for hybrid selection decisions.

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. Modified planting cones replaced the planter boxes and allowed placement of a specified number of kernels per plot. Each hybrid seed was planted into plots consisting of two rows 30 inches apart and 22 feet long. Hybrid seed was planted at 40 seeds per row for each plot. When seedlings were 12 to 18 inches tall, the stands were thinned to 36 plants per row, equaling 28,000 plants per acre. Final stands reported in the tables are compared to the 28,000 plants per acre. Hybrids with stands less than 100 percent had low emergence rates.

Harvesting

All plots were harvested with a Massey Ferguson MF 8-XP two-row corn combine. Both rows of each two-row plot were harvested. The grain weight, moisture content, and test weight of corn 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.

Hybrid Comparisons

The Kentucky Hybrid Corn Performance Test is divided into four tests: Early, Medium, and Late maturities and White hybrids. These divisions provide evaluations of the hybrid groups without competition biases. The divisions do not allow for comparisons across groups. For example, a hybrid in the Early test cannot be compared to a hybrid in the Late. The Early, Medium, Late, and White tests were grown at all six locations for a total of 18 tests.

- The Early maturity hybrid group in Table 4E and all subsequent "E" tables are hybrids rated by the parent seed company to mature in 112 days or earlier.
- The Medium maturity hybrid group in Table 4M and all subsequent "M" tables include those hybrids rated by the parent seed company to mature in 113-117 days.
- The Late maturity hybrid group in Table 4L and all subsequent "L" tables include those hybrids rated by the parent seed company to mature in 118 days or later.
- The White hybrid group in Table 4W and all subsequent "W" Tables include those hybrids with a white seed coat and rated by the parent seed company to mature in 112 to 118 days.

Open-pedigree hybrids of known maturity were included in each Early, Medium, and Late test to provide an internal evaluation of hybrid maturity. The seed of these hybrids was obtained from Illinois Foundation Seeds, Inc., at Champaign, Ill.

Grain moisture of hybrids in the Early, Medium, and Late tests should be within the LSD of the check hybrid grain moisture for that test. Hybrids with grain moisture above the LSD of the check hybrid likely belong in a later-maturing test. Each hybrid is placed in the Early, Medium, and Late tests based on the hybrid maturity defined by the company.

Comments About the 2012 Growing Season

The 2012 growing season was one of the driest and hottest on record. Rainfall was severely limiting at several locations. Drought conditions were so severe at Princeton that corn at that site was not harvested for the trials. The drought stress lead to some highly variable fields at other locations as well. For example, Graves County had CVs above 50 in some areas. Generally, we expect to have a CV at or below 15 to indicate a uniform test.

Severe drought can greatly skew the performance of hybrids. In some cases, differences in performance may be due to timing drought stress relative to timing of pollination or seed fill. For example, the Early test at Graves County had an average yield of 85 bushels per acre and a CV of 24.7. The Late test at Graves County had an average yield of 44.7 bushels per acre and a CV of 54. In general, the Late hybrids did much worse than the Early hybrids. In this case, the hybrids' performance is not based on drought tolerance or yield ability, but simply on the timing of when the corn tried to pollinate relative to the weather conditions.

At Princeton, maximum daily temperatures were above 99 degrees Fahrenheit for nine out of 10 days from June 28 through July 8, 2012. No rain fell the week prior to those high temperatures and only 0.02 inches fell during those high temperatures.

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Table 1. Average Yield and Coefficient of Variance Values.

Region	County	Test	Average	
			Yield (BU/A)	CV*
Purchase	Graves	Early	85.0	24.7
		Medium	97.2	30.2
		Late	44.7	54.0
		White	50.2	49.8
Ohio Valley	Daviss	Early	200.2	10.8
		Medium	213.8	12.0
		Late	199.0	10.5
		White	193.1	8.8
North Central	LaRue	Early	78.3	30.7
		Medium	130.2	19.5
		Late	148.1	11.7
		White	163.8	5.5
Southern Tier	Todd	Early	159.0	11.8
		Medium	175.9	11.7
		Late	168.0	12.6
		White	139.4	12.6
Bluegrass	Fayette	Early	42.1	33.8
		Medium	41.1	33.7
		Late	43.5	27.8
		White	47.8	24.5
West Coal-field	Caldwell	Not Harvested		

* Coefficient of Variance-Values above 15 indicate that the data is too variable and not valid for hybrid comparison.

Bolded values indicate tests which were not published due to high level of unexplained variance.

Table 2. Precipitation at Test Locations, 2012.

Month	Days	Location					
		Daviss (inches)	Princeton (inches)	Graves (inches)	LaRue (inches)	Fayette (inches)	Todd (inches)
April	1-8	1.05	0.00	0.00	0.81	0.69	0.02
	9-16	0.61	0.34	0.45*	0.11	0.06	0.16
	17-24	0.01*	0.13*	0.04	0.88*	0.85	1.39
	25-30	0.64	0.15	0.04	0.22	0.37	0.64
	Total	2.31	0.62	0.53	2.02	1.97	2.21
May	1-8	0.92	0.33	0.70	1.94	1.58*	0.97
	9-16	0.10	0.48	0.12	1.62	1.57	1.89*
	17-24	0.00	0.00	0.09	0.00	0.00	0.57
	25-31	1.15	1.09	1.36	1.69	0.50	0.31
	Total	2.17	1.89	2.27	5.25	3.65	3.74
June	1-8	0.08	0.72	0.39	0.17	0.32	0.02
	9-16	0.21	1.57	0.08	0.18	0.58	0.73
	17-24	0.00	0.00	0.00	0.01	0.21	0.02
	25-30	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.29	2.38	1.19	0.36	1.11	0.95
July	1-8	0.24	0.51	2.17	0.62	0.99	1.14
	9-16	0.21	0.21	0.17	1.79	1.68	1.28
	17-24	0.27	0.72	0.00	1.25	2.00	2.01
	25-31	0.02	0.51	0.33	4.26	1.22	0.32
	Total	0.74	1.94	2.67	7.93	5.89	4.75
August	1-8	2.45	0.94	0.23	2.53	0.21	2.09
	9-16	2.14	2.29	0.24	0.61	0.27	1.51
	17-24	0.02	0.00	0.02	0.00	0.08	0.00
	25-31	0.05	0.86	0.01	1.01	0.16	0.25
	Total	4.66	4.28	0.50	4.15	1.19	4.66
Sept	1-8	3.88	2.80	3.98**	2.74	3.88	4.10
	9-16	0.01**	0.03	0.49	0.01	0.00	0.20
	17-24	0.13	0.62	0.12	0.61	1.11**	0.45
	25-30	0.36	1.73	1.04	2.40	1.56	0.49
	Total	4.38	5.18	5.63	5.76	6.55	5.24
Grand Total	14.55	16.29	12.79	25.47	20.36	21.55	

*Planted.

**Harvested in September; all others harvested in October.

Table 3. Hybrids Tested in 2012.

Company	Hybrid	TRAIT*	Test**	Color	CRM***	Company	Hybrid	TRAIT*	Test**	Color	CRM***	
AgriGold	A6486VT2RIB	VT2RIB	E	Yellow	109	Channel Bio	215-52VT3P	VT3P	M	Yellow	113	
	A6458VT2RIB	VT2PRORIB	E	Yellow	110		214-13VT2P	VT2P	M	Yellow	113	
	A6476VT3Pro	VT3PRO	E	Yellow	111		217-08VT3P	VT3P	M	Yellow	113	
	A6489VT3	VT3	E	Yellow	112	Warren/ Dairyland	1809	Conventional	E	Yellow	109	
	A6533VT2RIB	VT2PRORIB	M	Yellow	113		9111SSX	SSX	E	Yellow	111	
	A6517VT3PRO	VT3PRO	M	Yellow	113		9610	3000GT	E	Yellow	110	
	A6659VT3Pro	VT3PRO	M	Yellow	116		9212Q	HX,RW,RR	E	Yellow	112	
	A6553VT2RIB	VT2PRORIB	M	Yellow	113		DS1013	Conventional	M	Yellow	113	
	A6573VT3PRO	VT3PRO	M	Yellow	114		9214SSX	SSX	M	Yellow	114	
	A6632VT2RIB	VT2PRORIB	M	Yellow	115		9614Q	HX,RW,RR	M	Yellow	114	
	A6679VT2RIB	VT2PRO	M	Yellow	116	7015	HX,RR	M	Yellow	115		
	A6507WBtRR	BtRR	W	White	112	Delta Grow	DG3588	GTCBLL	E	Yellow	111	
	Armor	1010PRO ²	RR/VT2	E	Yellow		110	DG2688	GTCBLL	E	Yellow	112
		1133PRO ³	RR/VT3	E	Yellow		111	DG3788	GTBTLL	M	Yellow	114
AXC2111APRO ³		RR/VT3	E	Yellow	111		DG2888	GTBTLL	M	Yellow	115	
1161PRO ²		RR/VT2	E	Yellow	111		DG4725VIP	GTCBLL	M	Yellow	115	
1262PRO ²		RR/VT2	E	Yellow	112		DG2788	CBLL	M	Yellow	116	
AXC2114PRO ³		RR/VT3	M	Yellow	114		DG3760	3000GT	M	Yellow	116	
1550PRO ³		RR/VT3	M	Yellow	115	DG4760	3000GT	M	Yellow	117		
Augusta	A4557	Conventional	E	Yellow	107	Dyna-Gro	D49VP88	VT3PRO	E	Yellow	109	
	A5457C	GT/CB/LL/CRW	E	Yellow	107		D51VP40	VT3PRO	E	Yellow	111	
	A5658GTCBLLC	GTCBLLC	E	Yellow	108		D54VP81	VT3PRO	M	Yellow	114	
	A5558VT3	RR/CB/CRW	E	Yellow	108		CX12214	VT3PRO	M	Yellow	114	
	A5560VT3	RR/CB/CRW	E	Yellow	110		D57VP51	VT3PRO	M	Yellow	117	
	A5360	Conventional	E	Yellow	110	Golden Acres	G1518	VT2PRO	E	Yellow	111	
	A5461GTCBLL	GT/CB/LL	E	Yellow	111		26V21	VT3PRO	M	Yellow	115	
	A0606CBLL	CB/LL	E	Yellow	111	Great Lakes Hybrids	6087VT3PRO	VT3PRO	E	Yellow	110	
	A5462GT3000	GT/CB/LL/CRW	E	Yellow	112		6232VT3PRO	VT3PRO	E	Yellow	112	
	A0720CBLL	CB/LL	E	Yellow	112	6354G3VT3	VT3	M	Yellow	113		
	A5262GT3000	GT/CB/LL/CRW	E	Yellow	112	6530VT3PRO	VT3PRO	M	Yellow	115		
	A5362VT3PRO	RR/CB/CRW	E	Yellow	112	LG Seeds	LG2575VT3PRO	VT3PRO	E	Yellow	112	
	A5363VT3PRO	RR/CB/CRW	M	Yellow	113		LG2555VT3	VT3	E	Yellow	112	
	A7664VT3	RR/CB/CRW	M	Yellow	114		LG2602VT3PRO	VT3PRO	E	Yellow	112	
	A5565VT3PRO	RR/CB/CRW	M	Yellow	115		LG2620VT3	VT3	M	Yellow	113	
	A6867GTCBLL	GT/CB/LL	M	Yellow	117		LG2636VT3PRO	VT3PRO	M	Yellow	114	
A7767VT3PROC250	Conventional	L	Yellow	117	LG2641VT3		VT3	M	Yellow	114		
Becks	5509A3	3000GT	E	Yellow	110	Monsanto	DKC61-88GENVT3P	GENVT3P	E	Yellow	111	
	6175AMX™*	HXTRR/RRRIB	E	Yellow	112		DKC60-62GENVT3P	GENVT3P	E	Yellow	112	
	6272HR™*	Hx1RR	M	Yellow	113		DKC62-09GENVT3P	GENVT3P	E	Yellow	112	
	6626AMX™*	HxRR/RRRIB	M	Yellow	115		DKC62-97GENVT3P	GENVT3P	E	Yellow	112	
	7988BR	CB/LL/RR	M	Yellow	117		DKC63-25GENVT2P	GENVT2P	M	Yellow	113	
Phoenix	6442A4	3111GT	M	Yellow	113		DKC63-87GENVT2P	GENVT2P	M	Yellow	113	
	6948A3	3000GT	M	Yellow	115		DKC64-69GENVT3P	GENVT3P	M	Yellow	114	
Bio Gene	BG801A3	AgriSure3000GT	E	Yellow	110		DKC66-86GENVT3P	GENVT3P	M	Yellow	115	
	BG800V2	GENVT2P	E	Yellow	110		DKC66-97GENVT2P	GENVT2P	M	Yellow	116	
	BG810V2	GENVT2P	E	Yellow	111		DKC67-57GENVT3P	GENVT3P	M	Yellow	117	
	BG831V2	GENVT2P	M	Yellow	113		Mycogen	2V715	HXR	E	Yellow	111
	BG841V2	GENVT2P	M	Yellow	114	2V707		SmartStax	E	Yellow	111	
	BG850V3	GENVT3P	M	Yellow	114	2D744		SmartStax	E	Yellow	112	
Caverdale	CF669VIP3111	GTCBLLRWBL	E	Yellow	102	2P768		SmartStax	M	Yellow	113	
	CF7483000GT	GTCBLLRW	E	Yellow	107	2V738		SmartStax	M	Yellow	113	
	CF8033000GT	GTCBLLRW	E	Yellow	111	2A787		HXR	M	Yellow	115	
	CF8383000GT	GTCBLLRW	E	Yellow	112	2R818		HR	M	Yellow	115	
	CF844VT2PRORIB	VT2PRORIB	M	Yellow	112							
	CF864VT2PRORIB	VT2PRORIB	M	Yellow	117							
	CF9083000GT	GTCBLLRW	L	Yellow	118							
	CF926GT	GT	L	Yellow	118							

Table 3. Hybrids Tested in 2012.

Company	Hybrid	TRAIT*	Test**	Color	CRM***
Pioneer	P0912HR	HX1,LL,RR2	E	Yellow	109
	P1184YHR	HX1,YGCB,LL,RR2	E	Yellow	111
	P1319HR	HX1,LL,RR2	M	Yellow	113
	P1360HR	HX1,LL,RR2	M	Yellow	113
	P1412HR	HX1,LL,RR2	M	Yellow	114
	P1498HR	HX1,LL,RR2	M	Yellow	114
	P1690HR	HX1,LL,RR2	M	Yellow	116
	P1745HR	HX1,LL,RR2	M	Yellow	117
	P1944HR	HX1,LL,RR2	L	Yellow	119
	P2088YHR	HX1,YGCB,LL,RR2	L	Yellow	120
	P1431W	Conventional	W	White	114
	33G60	HX1,LL,RR2	W	White	114
	P1995W	Conventional	W	White	114
	32B16	HX1,LL,RR2	W	White	117
Pfister Seeds	2728HR	HX1/RR2	M	Yellow	113
	3488HR	HX1/RR2	M	Yellow	115
	3507HR	HX1/RR2	M	Yellow	117
Seed	SCS 11HR02™	HX1/LL/RR2	E	Yellow	109
Consultants	SCS 11HR12™	HX1/LL/RR2	E	Yellow	111
	SCS 11HR21™	HX1/LL/RR2	E	Yellow	111
	SCS 11HR31™	HX1/LL/RR2	M	Yellow	113
	SC 11AGT30™	GT/CB/LL	M	Yellow	113
	SCS 1138AM1™	YGCB/HXT/LL/RR2	M	Yellow	113
	SCS 11HQ39™	HXT/LL/RR2	M	Yellow	113
	SCS 11HQ42™	HXT/LL/RR2	M	Yellow	113
	SC 11AQ43™	YGCB/HXT/LL/RR2	M	Yellow	113
	SCS 11HR63™	HX1,LL,RR2	M	Yellow	116
	SC 11GT72™	GT/CB/RW/LL	M	Yellow	117
	SCS 11HQ70™	HXT/LL/RR2	M	Yellow	117
Southern States	SS54-32GENVT3P	GENVT3P	E	Yellow	104
	SS62-32GENVT3P	GENVT3P	E	Yellow	112
	SS62-3GENVT3P	GENVT3P	E	Yellow	112
	SS62-22GENVT2P	GENVT2P	E	Yellow	112
	SS63-32GENVT3P	GENVT3P	M	Yellow	113
	SS65-22GENVT2P	GENVT2P	M	Yellow	115
	SS788	GENVT3P	M	Yellow	116
	SS67-32 GENVT3P	GENVT3P	M	Yellow	117
Stewart	7E344RIB	VT2RIB	E	Yellow	110
	7E224RIB	VT2P/RIB	E	Yellow	110
	7V747	VT3P	E	Yellow	110
	EXP12E2	VT3P	E	Yellow	112
	8A228RIB	GENSS/RIB	E	Yellow	112
	8V663	VT3P	M	Yellow	113
	8V753	VT3P	M	Yellow	113
	8V446	VT3P	M	Yellow	114
	8E814RIB	VT2P/RIB	M	Yellow	115
Steyer Seeds	11207	VT3PRO	E	Yellow	112
	11204	VT2PRO	E	Yellow	112
	11203	3000GT	E	Yellow	112
	11302	VT2PRO	M	Yellow	113
	11406	VT3PRO	M	Yellow	114
	X21142M	VT3PRO	M	Yellow	115
Syngenta	N68B-3111	BL,GT,CB,RW,LL	E	Yellow	111
	N72Q-3111	BL,GT,CB,RW,LL	M	Yellow	113
	N74-R3000GT	GT,CB,RW,LL	M	Yellow	114
	N78S-3111	BL,GT,CB,RW,LL	M	Yellow	116

Company	Hybrid	TRAIT*	Test**	Color	CRM***
Terral Seed	REV®21HR33™	HX1/LL/RR	E	Yellow	112
	REV®22BHR43™	YGCB/HX1/LL/RR	E	Yellow	112
	REV®23RE73™	RR	E	Yellow	112
	REV®24BHR93™	YGCB/HX1/LL/RR2	M	Yellow	114
	REV®26R60™	RR	M	Yellow	116
	REV®25BHR63™	YGCB/HX1/LL/RR2	M	Yellow	116
	REV®26HR23™	HX1/LL/RR	M	Yellow	116
	REV®27HR52™	HX1/LL/RR	M	Yellow	117
	REV®27HR83™	HX1/LL/RR	M	Yellow	117
	REV®28HR20™	HX1/LL/RR	L	Yellow	118
	REV®28HR29™	HX1/LL/RR	L	Yellow	118
	REV®28R10™	RR	L	Yellow	118
	REV®29HR13™	HX1/LL/RR	L	Yellow	119

*Trait:

A3	Syngenta 3000 GT (Triple)
BT	corn borer resistance
BTCB	corn borer resistance
BTRW	corn rootworm resistance
CB	corn borer resistance
CL	Clearfield Corn imidazolinone tolerance
Conv	Conventional, No GMO Traits
CRW	corn rootworm resistance
GENVT3P	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance, corn rootworm resistance
GT3000	AgriSure glyphosate tolerance, AgriSure corn borer resistance and AgriSure corn rootworm resistance
GT	AgriSure glyphosate tolerance
HX&HX1	Herculex corn rootworm resistance
HXT	Herculex glufosinate tolerance, corn borer resistance, corn rootworm resistance, cutworm tolerance
IT	Clearfield imidazolinone tolerance
LL	Liberty Link glufosinate tolerance
RHXT	Liberty Link glufosinate tolerance, Roundup Ready glyphosate tolerance, Herculex corn borer resistance, Herculex corn rootworm resistance, Herculex cutworm tolerance
RIB	Refuge In A Bag
RR	Roundup Ready Corn glyphosate tolerance
RR2	Roundup Ready Corn 2 glyphosate tolerance
Smart Stax	Roundup Ready glyphosate tolerance, Liberty Link glufosinate tolerance, YieldGard corn borer resistance, Herculex corn rootworm resistance, Herculex corn borer resistance, YieldGard corn rootworm resistance, Herculex cutworm tolerance
TS	Roundup Ready glyphosate tolerance, YieldGard corn borer resistance, YieldGard corn rootworm resistance
YG	YieldGard corn borer resistance
YGBT	YieldGard corn borer resistance
YGCB	YieldGard corn borer resistance
YGRW	YieldGard corn rootworm resistance
VT3	Roundup Ready glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard corn rootworm resistance
VT3P	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance
VT3PRO	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance
VT2PRO	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance

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

TM=Trade Mark

***CRM: Cumulative Relative Maturity

Table 4E. Kentucky Hybrid Corn Test–Early Hybrids State Summary.

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12	10-12				
Steyer 11207	204.4*			55.1	17.3	100	0
Delta Grow DG3588GTCBLL	202.7*			55.5	16.2	100	0
LG Seeds LG2555VT3	198.3*	198.5*	202.4*	56.0	15.8	100	1
Dekalb DKC62-09GENVT3P	198.3*	202.0*		56.2	15.6	100	0
Armor 1133PRO3	196.8*			56.0	16.0	100	0
NK N68B-3111	196.6*	193.6*	189.3*	56.0	15.6	99	0
Augusta A0720CBLL	195.8*	199.6*	197.7*	55.8	15.9	100	0
Mycogen 2V707	195.4*			55.8	16.1	99	0
Warren/Dairyland 9212Q	195.4*			56.1	15.5	100	1
Great Lakes 6232VT3Pro	195.2*	194.4*		55.5	16.4	100	0
Caverdale CF 838 3000 GT	193.4*	195.6*		55.5	16.6	100	0
Armor AXC2111APRO3	192.5*			56.0	16.0	100	0
Southern States SS 62-22GENVT2PRO	191.8*			55.9	16.1	100	0
BioGene BG 801A3	190.5*			56.3	15.2	100	0
Pioneer P1184YHR	189.4*	194.0*	201.0*	56.4	15.4	100	0
Stewart 8A228 RIB	188.9*	190.2*		55.6	17.0	100	1
LG Seeds LG2602VT3Pro	188.7*	192.6*		55.5	16.4	100	0
Stewart EXP12E2	187.9*			56.3	15.3	100	0
Golden Acres 1518	187.4*			56.3	15.5	100	1
Seed Consultants SCS 11HR02™	186.9*	189.0*		56.1	15.8	100	1
Warren/Dairyland 9111SSX	186.0*			55.8	15.9	100	0
Warren/Dairyland 9610	186.0*			56.4	15.2	100	0
Stewart 7E224 RIB	185.7*			56.7	14.8	100	1
Dekalb DKC61-88GENVT3P	184.8	195.1*		55.9	15.8	96	0
Delta Grow DG2688GTCBLL	184.4			54.5	18.4	100	0
Augusta A0606CBLL	184.3	189.9*	192.2*	55.7	16.1	100	0
Dekalb DKC62-97GENVT3P	183.4	187.1*	189.6*	56.0	16.0	100	0
Armor 1161PRO2	183.2	188.7*	190.1*	56.3	15.4	100	0
Augusta A5462GT3000	183.1	188.9*		55.7	16.2	100	0
Armor 1262PRO2	182.9	190.3*	186.2	55.9	15.6	100	1
Caverdale CF 844 VT2PRO RIB	182.8			56.2	15.7	100	0
Augusta A5558VT3	182.6	196.1*	189.7*	56.2	15.5	98	0
Dyna-Gro D51VP40	182.6	190.2*	195.6*	56.2	15.6	100	0
Mycogen 2V715	182.4	186.1*		55.9	15.6	100	2
Augusta A5461GTCBLL	181.4	190.1*	195.5*	55.8	15.8	100	0
Augusta A5360	180.1			56.4	15.0	100	4
Armor 1010PRO2	179.5			56.4	15.0	98	0
Caverdale CF 803 3000 GT	179.2			56.2	15.5	100	0
Southern States SS 62-32GENVT3PRO	178.6			56.3	15.5	100	1

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12	10-12				
Steyer 11203	177.9			56.2	15.5	100	0
BioGene BG 810V2	177.8			55.9	15.4	100	1
AgriGold A6486VT2RIB	177.3			56.7	14.7	100	0
Augusta A5658GTCBLLC	177.2	184.3		56.3	15.4	100	0
Dekalb DKC60-62GENVT3P	176.6			56.2	15.6	100	0
Steyer 11204	176.4	185.7*		55.8	15.9	100	0
Augusta A5457C	175.3			56.5	15.1	97	1
Pioneer P0912HR	175.0	186.8*		56.3	15.5	100	1
Beck 5509A3	174.8			56.4	15.3	100	0
AgriGold A6476VT3Pro	174.5	181.0	184.7	56.3	15.3	100	1
AgriGold A6489VT3	172.7	187.9*	189.0*	55.7	16.5	100	4
AgriGold A6458VT2RIB	172.5	181.1	183.7	56.7	14.6	100	0
Great Lakes 6087VT3Pro	172.2			56.3	15.4	98	0
BioGene BG 800V2	172.1	180.6		56.6	15.3	97	2
Southern States SS 54-32GENVT3PRO	171.3			57.1	14.4	95	1
Augusta A5560VT3	170.3	176.9		56.1	15.5	100	0
Southern States SS 62-33GENVT3PRO	170.2			55.8	16.1	99	1
Early Check	169.6	182.6	186.2	56.0	16.0	99	0
Warren/Dairyland 1809	169.5			56.7	14.5	100	1
LG Seeds LG2575VT3Pro	168.6			56.1	15.6	94	0
Augusta A5362VT3Pro	168.3			55.7	16.2	98	0
Augusta A5262GT3000	166.0			56.1	15.5	99	1
Stewart 7E344 RIB	164.5			56.3	15.3	96	2
Mycogen 2D744	162.7	170.6		56.1	15.7	100	0
Beck 6175AMX™™	162.7			55.7	16.3	100	0
Stewart 7V747	162.2			55.9	15.4	100	2
Dyna-Gro D49VP88	160.8			55.9	15.7	100	1
Seed Consultants SCS 11HR21™	160.7	174.2	180.7	56.2	15.2	100	0
Seed Consultants SCS 11HR12™	159.8	173.9		56.4	15.3	100	0
Caverdale CF 669 VIP3111	155.9			57.3	14.1	100	2
Caverdale CF 748 3000 GT	154.5			56.7	14.6	100	0
Augusta A4557	151.3			56.5	15.1	98	0
AVERAGE	179.6	187.7	190.8	56.1	15.6	99	0
C.V.	11.3	9.7	9.6				
LSD (0.10)	19.3	17.0	13.8				

* Not significantly different from top yield (0.10)

Summary of 2012 (Todd & Daviess Co.); 2011 (Todd, Daviess, Nelson, Caldwell and Fayette Co.); 2010 (Fayette, Logan, Nelson, Caldwell Co.)

Table 4M. 2012 Kentucky Hybrid Corn Test—Medium Hybrids State Summary.

BRAND/HYBRID	Yield (BU/A)			TWT (Lb/Bu) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12	10-12				
Stewart 8V663	246.3*			55.6	16.8	100	0
Pfister 2728HR	221.6			55.0	17.2	100	0
Pioneer P1745HR	219.9	215.5*	215.3*	55.0	17.7	100	2
Rev®27HR83™	219.4			55.0	17.6	100	0
Phoenix 6442A4	219.0			55.4	16.6	100	1
Channel 215-52VT3P	218.8			55.6	16.3	98	0
Channel 217-08VT3P	216.9	210.7*		55.3	17.4	100	0
NK N78S-3111	215.8	212.2*		55.0	17.7	99	1
Augusta A7767VT3ProC250	212.6			55.2	17.3	100	0
Augusta A5565VT3Pro	211.2			55.9	16.6	97	0
Pfister 3507HR	211.1			54.7	18.0	98	0
Dekalb DKC67-57GENVT3P	210.4	208.8*		55.4	17.1	100	1
Dekalb DKC64-69GENVT3P	210.2	206.5*	205.4*	55.9	16.3	100	0
Pioneer P1498HR	209.8			55.7	16.7	100	0
Warren/Dairyland 9614Q	209.6			55.3	17.0	100	0
Dyna-Gro D54VP81	207.8	203.1*		55.6	16.5	100	0
Steyer 11406	207.7	211.9*		55.5	16.7	99	0
Warren/Dairyland DS1013	207.2			55.1	17.2	100	1
Great Lakes 6530VT3Pro	207.2	206.5*		55.6	16.5	100	1
Seed Consultants SC 11AQ43™	207.1			55.0	17.5	100	0
Steyer 11407	206.5			56.0	16.3	100	0
Armor AXC2114PRO3	206.2			55.9	16.2	100	0
Seed Consultants SC 11AGT30™	206.0	202.0*	199.3	55.7	16.4	100	0
BioGene BG 850V3	205.5	206.7*		55.6	16.6	97	0
Dyna-Gro D57VP51	205.4			55.7	16.7	100	0
Pfister 3488HR	204.0			54.5	18.2	99	1
Warren/Dairyland 9214SSX	203.7	195.5		55.3	17.1	99	0
Rev®24BHR93™	203.4			55.3	17.2	100	0
Pioneer P1360HR	203.4			56.0	16.3	100	0
Augusta A7664VT3	203.0	196.0*		55.0	17.6	100	0
AgriGold A6517VT3Pro	201.9			55.3	16.9	99	0
AgriGold A6659VT3Pro	201.6			55.6	16.9	100	0
Delta Grow DG2888GTCBLL	200.6	198.8*		55.0	17.7	100	1
Mycogen 2P768	200.1			55.9	16.4	100	0
Armor 1550PRO3	200.0			55.7	16.6	100	0
Caverndale CF 864 VT2PRO RIB	199.6			55.3	17.0	100	0
Dyna-Gro CX12214	199.3			56.1	16.1	95	0
LG Seeds LG2620VT3	199.2	201.6*	199.6	55.6	16.7	100	0
BioGene BG 841V2	199.1			55.3	17.2	96	0
Delta Grow DG2788CBLL	198.8			55.4	16.8	99	0
Rev®26HR23™	198.8			56.1	16.5	100	0
AgriGold A6632VT2RIB	198.1	194.2	191.6	55.6	16.8	100	0
BioGene BG 831V2	197.0			56.2	16.1	100	0
Warren/Dairyland 7015	196.4			54.5	18.2	99	0
Mycogen 2A787	196.2	190.0		55.4	17.0	100	1
Great Lakes 6354G3VT3	194.9	199.7*	198.8	55.7	16.6	100	1
AgriGold A6573VT3Pro	194.0	202.5*		55.5	16.7	100	0
Channel 214-13VT2P	193.3	202.3*	199.0	55.9	16.4	95	2
Delta Grow DG3788GTCBLL	192.7	193.6		54.9	17.9	98	0

BRAND/HYBRID	Yield (BU/A)			TWT (Lb/Bu) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12	10-12				
LG Seeds LG2641VT3	192.2	194.6	197.1	55.2	17.3	100	0
Pioneer P1319HR	191.3	201.8*		55.9	16.5	100	0
NK N74R-3000GT	191.0	196.3*	193.6	55.3	16.9	98	0
Dekalb DKC66-86GENVT3P	190.9			55.4	16.8	100	0
Steyer 11302	190.5			55.8	16.1	96	0
Seed Consultants SCS 11HR31™	190.1	197.9*		54.9	17.8	100	1
Southern States SS 67-32GENVT3PRO	189.2			55.1	17.6	100	0
Southern States SS 63-32GENVT3PRO	188.2			55.9	16.2	100	0
Dekalb DKC66-97GENVT2P	188.0			55.4	17.2	100	0
Rev®26R60™	186.1	195.4	192.3	55.3	17.2	99	2
Beck 7988BR	185.9	192.9		55.5	17.1	100	0
Seed Consultants SC 11GT72™	185.4	193.8		55.4	17.0	95	0
LG Seeds LG2636VT3Pro	184.3	193.2		55.7	16.4	95	0
Pioneer P1690HR	183.9			55.2	17.0	100	0
Augusta A6867GTCBLL	183.8	192.0	192.8	55.1	17.4	97	0
Stewart 8V446	183.7	189.8		55.5	16.8	100	0
Mycogen 2R818	183.5			55.8	16.3	92	0
Golden Acres G26V21	183.3			55.3	17.0	93	0
Beck 6272HR™*	183.3	190.9		56.3	15.7	100	0
Seed Consultants SCS 11HQ42™	182.2			56.3	16.0	100	0
Medium Check	182.0	190.8	173.9	55.0	17.4	97	0
Seed Consultants SCS 11HR63™	181.9	200.0*		55.4	17.0	100	0
Phoenix 6948A3	181.8			55.5	16.8	100	0
Dekalb DKC63-25GENVT2P™	181.6			55.5	16.9	100	0
Beck 6626AMX™*	181.5			55.2	17.3	100	0
NK N72Q-3111	181.2	190.5		55.1	17.0	97	1
Augusta A5363VT3Pro	181.2			55.9	16.2	100	0
Rev®27HR52™	180.9	187.5		54.9	17.4	100	0
Rev®25BHR63™	180.4			55.4	17.3	100	1
AgriGold A6553VT2RIB	180.2	189.9	192.8	55.2	17.3	100	0
AgriGold A6533VT2RIB	179.9	189.3	193.5	56.2	16.0	99	0
Mycogen 2V738	179.5	189.3	192.7	55.8	16.4	100	1
Southern States SS 65-22GENVT2PRO	177.2			56.0	16.2	95	0
Stewart 8V753	176.9			55.8	16.3	100	0
Seed Consultants SCS 11HQ39™	176.1	187.8	187.1	55.2	17.4	100	0
AgriGold A6679VT2RIB	175.8	180.8		55.2	17.4	98	0
Dekalb DKC63-87GENVT2P	174.1	193.8	193.9	55.5	16.6	100	1
Seed Consultants SCS 1138AM1™	170.9	188.2		56.1	16.2	100	0
Pioneer P1412HR	170.3	190.6		56.0	16.4	100	0
Seed Consultants SCS 11HQ70™	170.0	188.6	188.6	55.4	16.8	100	1
Stewart 8E814 RIB	168.3	184.6		55.7	16.5	97	0
Southern States SS 788	163.3	175.1		55.6	16.6	99	0
AVERAGE	194.8	196.2	194.9	55.5	16.9	99	0
C.V.	12.0	10.5	9.9				
LSD (0.10)	22.2	19.7	15.2				

* Not significantly different from top yield (0.10)

Summary of 2012 (Todd & Daviess Co.); 2011 (Todd, Daviess, Nelson, Caldwell and Fayette Co.); 2010 (Henderson, Fayette, Logan, Nelson, Caldwell Co.)

Table 4L. 2012 Kentucky Hybrid Corn Test—Late Hybrids State Summary.

BRAND/HYBRID	Yield (BU/A)			TWT	MST	STD	LDG
	2012	11-12	10-12	(LB/BU) 2012	(%) 2012	(%) 2012	(%) 2012
Late Check	199.9*	194.4*	166.0	54.9	17.4	94	0
Delta Grow DG6488GTCBLLRW	190.0*			55.1	17.3	95	0
Pioneer 1944HR	182.8			55.0	17.2	93	0
Pioneer 2088YHR	175.5	189.2*		55.1	16.9	94	0
Caverndale CF 908 3000 GT	175.4			55.0	17.5	92	0
Rev [®] 29HR13™	169.6			54.9	17.5	84	0
Rev [®] 28HR10™	168.5	184.6*		55.1	17.2	90	0
Rev [®] 28HR20™	167.8	188.2*	189.5*	55.1	17.2	92	0
Delta Grow DG36603000GT	157.4			54.9	17.5	87	0
Caverndale CF 926 GT	154.6			54.9	17.2	91	0
Rev [®] 28HR29™	152.5	181.5*	182.7*	54.8	17.6	87	0
AVERAGE	172.2	187.6	179.4	55.0	17.3	91	0
C.V.	11.6	9.6	9.3				
LSD (0.10)	15.8	16.7	12.9				

* Not significantly different from top yield (0.10)

Summary of 2012 (Todd, LaRue, Daviess Co.); 2011 (Todd, Daviess, Nelson, Caldwell and Fayette Co.); 2010 (Henderson, Fayette, Logan, Nelson, Caldwell Co.)

Table 4W. 2012 Kentucky Hybrid Corn Test—White Hybrids State Summary.

BRAND/HYBRID	Yield (BU/A)			TWT	MST	STD	LDG
	2012	11-12	10-12	(LB/BU) 2012	(%) 2012	(%) 2012	(%) 2012
Pioneer 32B16 HX1,LL,RR2	188.9*	192.8*		55.2	17.1	96	0
White Check	173.5	186.9*	177.2*	55.0	17.3	96	0
Agrigold A6507WBtRR	164.8	177.1	185.0*	55.6	16.5	96	0
Pioneer P1995W	164.5	181.6*		55.0	17.4	95	0
Pioneer P1431W	156.5	173.1	174.1*	55.5	16.5	96	0
Pioneer 33G60 HX1,LL,RR2	144.6	170.1	178.1*	55.5	16.8	91	0
AVERAGE	165.5	180.3	178.6	55.3	16.9	95	0
C.V.	9.1	8.5	8.4				
LSD (0.10)	12.0	14.6	11.8				

* Not significantly different from top yield (0.10)

Summary of 2012 (Todd, LaRue, Daviess Co.); 2011 (Todd, Daviess, Nelson, Caldwell and Fayette Co.); 2010 (Henderson, Fayette, Logan, Caldwell Co.)

Table 5E. Kentucky Hybrid Corn Test--Early (112 Days to Maturity or Earlier)--Ohio Valley Region (Daviness County).

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU)	MST (%)	STD (%)	LDG (%)
	2012	11-12	10-12				
Great Lakes 6232VT3Pro	237.4*	229.9*		54.9	17.0	100	0
BioGene BG 810V2	232.0*			55.3	16.3	100	1
NK N68B-3111	230.3*	226.0*	211.1*	55.2	16.2	100	0
Stewart EXP12E2	224.9*			55.6	15.8	100	0
LG Seeds LG2555VT3	224.1*	229.9*	226.4*	55.0	16.6	100	1
Armor 1133PRO3	223.4*			55.3	16.2	100	0
Augusta A0720CBLL	222.1*	224.3*	207.9	55.0	16.7	100	0
Steyer 11204	222.0*	225.2*		54.9	16.9	100	1
Augusta A5360	221.2*			55.8	15.1	100	3
Pioneer P1184YHR	217.7*	216.3*	201.5	55.9	15.6	100	0
AgriGold A6476VT3Pro	217.5*	212.6*	207.2	55.8	15.2	100	0
Mycogen 2V707	216.3*			55.0	16.6	98	0
Armor 1262PRO2	215.2*	216.4*	205.9	55.3	16.2	100	2
Dekalb DKC62-09GENVT3P	214.7*	229.8*		55.5	16.0	100	0
Delta Grow DG3588GTCBLL	213.5*			55.0	16.4	100	0
Warren/Dairyland 9212Q	213.3*			55.3	15.9	100	1
Augusta A5461GTCBLL	211.0*	219.3*	209.0	55.1	16.2	100	0
Warren/Dairyland 9111SSX	210.3*			55.2	16.3	100	0
Southern States SS 62-22GENVT2PRO	210.2*			55.0	17.1	100	0
Dekalb DKC61-88GENVT3P	209.7*	222.7*		55.3	16.2	92	0
BioGene BG 800V2	208.4*	216.5*		55.7	15.5	94	0
Caverndale CF 838 3000 GT	208.2*	212.4*		54.9	17.0	100	0
Mycogen 2V715	207.9	208.3		55.3	15.9	100	0
Armor 1010PRO2	207.0			56.0	15.1	95	0
Warren/Dairyland 9610	206.9			55.9	15.3	100	0
Caverndale CF 844 VT2PRO RIB	206.1			55.5	15.9	100	0
Stewart 8A228 RIB	205.4	208.5		54.5	17.9	100	1
Armor AXC2111APRO3	203.8			55.1	16.4	100	0
Seed Consultants SCS 11HR02™	203.6	202.4		55.4	16.1	100	1
Steyer 11207	203.5			54.3	18.1	100	0
LG Seeds LG2602VT3Pro	203.4	212.2*		54.9	16.9	100	0
Golden Acres 1518	203.3			55.5	16.0	100	0
Stewart 7E224 RIB	201.5			56.2	14.5	100	1
AgriGold A6486VT2RIB	201.4			56.1	15.0	99	0
Dekalb DKC62-97GENVT3P	201.2	208.8	204.5	55.6	15.9	100	0
Seed Consultants SCS 11HR12™	201.0	209.1		55.7	16.1	100	0
Augusta A5462GT3000	199.0	205.5		54.9	16.8	100	0
Stewart 7V747	198.4			55.4	15.9	100	0
BioGene BG 801A3	198.2			55.7	15.5	100	0

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU)	MST (%)	STD (%)	LDG (%)
	2012	11-12	10-12				
Augusta A5558VT3	197.3	200.7	193.9	55.6	15.8	97	0
Beck 5509A3	196.0			55.7	15.6	100	0
Pioneer P0912HR	195.6	207.5		55.5	16.1	100	0
AgriGold A6489VT3	195.3	209.5	207.6	54.8	17.3	100	0
Augusta A5362VT3Pro	194.5			55.1	16.6	98	0
Augusta A5262GT3000	194.4			55.5	15.7	100	1
Augusta A5457C	194.3			56.0	15.2	93	2
Southern States SS 62-32GENVT3PRO	193.1			55.9	15.5	100	0
Dyna-Gro D49VP88	193.0			55.5	16.0	100	0
Stewart 7E344 RIB	191.6			55.6	15.7	92	0
Southern States SS 62-33GENVT3PRO	190.9			55.0	16.8	100	0
Southern States SS 54-32GENVT3PRO	189.7			56.8	14.1	89	0
Armor 1161PRO2	189.4	207.0	202.9	55.8	15.5	100	0
Caverndale CF 803 3000 GT	188.8			55.5	16.0	100	0
Augusta A5560VT3	188.8	193.9		55.4	16.0	100	0
Caverndale CF 669 VIP3111	188.4			57.1	13.7	100	4
Dyna-Gro D51VP40	188.3	205.9	200.1	55.5	15.9	100	0
Warren/Dairyland 1809	185.8			56.6	13.8	100	1
AgriGold A6458VT2RIB	185.8	198.7	198.4	56.2	14.7	100	0
Dekalb DKC60-62GENVT3P	185.0			55.6	15.7	100	0
Seed Consultants SCS 11HR21™	183.5	200.3	189.0	55.7	15.4	100	0
Steyer 11203	182.3			55.5	15.9	100	0
Augusta A0606CBLL	182.2	194.8	197.8	54.8	16.9	100	0
Great Lakes 6087VT3Pro	179.6			55.6	15.7	97	0
Beck 6175AMX™*	178.4			55.2	16.5	100	0
Delta Grow DG2688GTCBLL	178.4			53.7	19.4	100	0
Early Check	178.3	204.7	196.6	55.2	16.7	98	0
LG Seeds LG2575VT3Pro	177.8			55.5	15.8	88	0
Augusta A5658GTCBLLC	177.0	193.8		55.7	15.6	100	0
Mycogen 2D744	174.7	165.9		55.4	16.2	100	0
Caverndale CF 748 3000 GT	173.2			56.2	14.6	100	0
Augusta A4557	165.7			56.2	15.1	96	0
AVERAGE	200.2	210.0	203.7	55.5	16.0	99	0
C.V.	10.8	9.3	8.9	0.4	2.7	5	233
LSD (0.10)	29.3	18.2	15.3	0.3	0.6	6	1

* Not significantly different from top yield (0.10)

Planting date: April 17, 2012; Harvest date: September 11, 2012.

Soil type: Patton; Previous crop: soybean; Insecticide: Force 1.5G;

Fertilizer (lb/acre): N=170, P=60, K=40

Table 5M. 2012 Kentucky Hybrid Corn Test—Medium (113-117 Days to Maturity)—Ohio Valley Region (Daviness County).

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12	10-12				
Pioneer P1745HR	274.5*	256.3*	246.2*	54.5	18.4	100	1
Channel 215-52VT3P	264.1*			55.1	16.9	95	0
Stewart 8V663	260.4*			55.1	17.3	100	0
Great Lakes 6530VT3Pro	246.0*	235.3*		55.0	17.1	100	0
Phoenix 6442A4	245.9*			55.0	17.0	100	0
Dekalb DKC64-69GENVT3P	243.8*	234.4	223.7	55.4	16.7	100	0
Steyer 11406	240.9*	252.8*		55.0	17.3	97	1
Pfister 2728HR	238.7			54.6	17.4	100	1
Dyna-Gro D54VP81	238.0	241.2*		55.2	17.0	100	0
Rev®27HR83™	237.1			54.6	17.9	100	0
Armor 1550PRO3	236.0			55.3	17.1	99	0
Steyer 11407 VT3PRO	234.9			55.2	17.1	100	0
Channel 217-08VT3P	233.5	237.8*		54.4	18.3	100	0
Caverndale CF 864 VT2PRO RIB	233.1			54.8	17.5	100	0
Pioneer P1498HR	233.0			55.3	17.1	100	0
Augusta A5565VT3Pro	232.5			55.3	17.1	94	0
Rev®24BHR93™	232.0			54.8	18.0	100	0
Seed Consultants SCS 11HR31™	231.0	232.0		54.7	18.0	99	0
Warren/Dairyland 9614Q	230.9			54.8	17.3	100	0
Seed Consultants SC 11AQ43™	229.2			54.4	18.0	99	0
BioGene BG 831V2	227.9			55.7	16.2	100	0
NK N78S-3111	227.7	227.2		54.2	18.7	97	0
Mycogen 2A787	226.9	205.4		55.1	17.2	100	0
Channel 214-13VT2P	224.8	237.1*	222.7	55.1	17.3	89	0
Warren/Dairyland DS1013	224.6			54.8	17.2	100	1
Beck 7988BR	224.2	220.5		54.9	17.7	100	0
Southern States SS 63-32GENVT3PRO	223.6			55.2	16.6	100	0
Armor AXC2114PRO3	223.4			55.7	16.2	100	0
Steyer 11302	222.3			55.2	16.6	93	0
Dekalb DKC67-57GENVT3P	220.9	224.7		54.9	17.7	100	0
Dyna-Gro D57VP51	219.6			55.0	17.0	100	0
Pfister 3488HR	219.4			53.6	19.4	97	0
Dekalb DKC66-97GENVT2P	219.4			54.5	18.0	100	0
AgriGold A6659VT3Pro	219.3			55.0	17.4	100	0
Pioneer P1319HR	219.2	225.8		55.5	17.1	100	0
BioGene BG 850V3	217.7	224.6		55.2	17.0	94	0
Beck 6272HR™*	217.0	219.5		56.0	15.9	100	0
Great Lakes 6354G3VT3	216.7	230.1	215.4	54.9	17.4	100	1
Rev®26R60™	215.9	227.0	210.8	54.7	17.9	97	1
Mycogen 2P768	215.5			55.3	17.1	100	0
Medium Check	215.4	215.1	192.3	54.6	18.1	94	0
Augusta A7664VT3	214.8	215.4		54.1	18.6	100	0
LG Seeds LG2620VT3	214.7	217.0	206.6	54.8	17.4	100	0
AgriGold A6517VT3Pro	214.4			54.8	17.4	98	0
AgriGold A6632VT2RIB	213.3	214.4	208.9	54.9	17.4	100	0
Dyna-Gro CX12214	213.1			55.8	16.1	89	0
Pioneer P1360HR	212.9			55.5	16.6	100	0
Warren/Dairyland 9214SSX	212.4	219.0		54.7	17.6	98	0
Delta Grow DG2888GTCBLL	212.3	219.2		54.5	18.1	99	2

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12	10-12				
Pioneer P1690HR	210.6			54.7	17.8	100	0
LG Seeds LG2641VT3	210.1	218.3	214.2	54.5	18.1	100	1
Pfister 3507HR	209.9			54.2	18.3	97	0
BioGene BG 841V2	209.6			54.8	17.6	92	0
LG Seeds LG2636VT3Pro	209.4	209.9		55.2	17.1	89	0
Mycogen 2V738	208.8	215.9	207.1	55.2	16.8	100	0
Delta Grow DG3788GTCBLL	207.9	209.1		54.0	18.9	97	0
Seed Consultants SCS 11HR63™	207.3	232.7		55.1	17.3	100	0
Rev®27HR52™	207.1	217.7		54.6	18.0	100	0
AgriGold A6533VT2RIB	207.0	211.3	205.6	56.0	16.1	99	0
AgriGold A6679VT2RIB	206.0	210.0		54.7	17.9	95	0
Dekalb DKC63-25GENVT2P	204.9			55.1	17.0	100	0
NK N74R-3000GT	204.7	209.7	197.0	54.8	17.4	95	0
Seed Consultants SC 11AGT30™	203.5	211.7	210.1	55.2	16.7	100	0
Golden Acres G26V21	202.3			54.6	17.6	85	0
Seed Consultants SCS 11HQ39™	201.4	208.8	201.6	54.7	17.8	100	0
Rev®26HR23™	199.8			55.6	17.1	100	0
Seed Consultants SC 11GT72™	199.8	206.2		55.0	17.1	89	0
Warren/Dairyland 7015	199.5			53.9	18.8	98	0
Rev®25BHR63™	199.3			54.9	17.9	100	0
Seed Consultants SCS 1138AM1™	199.2	214.4		55.4	16.8	100	0
Phoenix 6948A3	199.1			55.1	16.9	100	0
NK N72Q-3111	197.2	218.1		54.8	17.2	94	0
Delta Grow DG2788CBLL	196.8			54.9	17.2	97	0
Stewart 8V753	196.5			55.2	17.2	100	0
Augusta A6867GTCBLL	196.5	206.6	196.4	54.5	17.9	93	0
Stewart 8V446	196.3	205.5		54.8	17.7	100	0
Beck 6626AMX™*	195.7			54.7	17.8	100	0
Augusta A7767VT3ProC250	195.1			54.7	17.7	100	0
Pioneer P1412HR	194.9	215.6		55.0	17.2	100	0
Seed Consultants SCS 11HQ42™	194.4			55.8	16.2	100	0
Augusta A5363VT3Pro	193.9			55.1	16.7	100	0
AgriGold A6573VT3Pro	193.4	209.8		54.9	17.3	100	0
Seed Consultants SCS 11HQ70™	193.4	218.1	206.8	54.9	17.5	100	0
Dekalb DKC66-86GENVT3P	190.9			54.9	17.0	99	0
Mycogen 2R818	187.8			55.5	16.4	84	0
Stewart 8E814 RIB	182.1	202.2		55.1	16.8	93	0
Southern States SS 65-22GENVT2PRO	181.1			55.5	16.5	90	0
AgriGold A6553VT2RIB	180.3	199.7	199.1	54.6	17.8	100	0
Dekalb DKC63-87GENVT2P	174.3	205.8	201.4	55.0	17.0	100	0
Southern States SS 67-32GENVT3PRO	172.7			54.7	17.8	100	0
Southern States SS 788	170.6	189.8		54.9	17.2	98	0
AVERAGE	213.8	218.3	209.2	54.9	17.4	98	0
C.V.	12.0	10.1	10.1	0.4	2.2	7	366
LSD (0.10)	34.8	21.0	16.9	0.3	0.5	9	1

* Not significantly different from top yield (0.10)

Planting date: April 17, 2012; Harvest date: September 12, 2012.

Soil type: Patton; Previous crop: soybean; Insecticide: Force 1.5G;

Fertilizer (lb/acre): N=170, P=60, K=40

**Table 5L. 2012 Kentucky Hybrid Corn Test—Late
(118 Days to Maturity or Later)—Ohio Valley Region (Daviness County).**

BRAND/HYBRID	Yield (BU/A)			TWT	MST	STD	LDG
	2012	11-12	10-12	(LB/BU) 2012	(%) 2012	(%) 2012	(%) 2012
Late Check	226.2*	220.1*	180.7	54.4	18.0	81	0
Pioneer 1944HR	223.1*			54.4	18.2	79	1
Delta Grow DG6488GTCBLLRW	222.4*			54.4	18.0	86	0
Rev®28HR20™	215.2*	219.9*	214.3*	54.3	18.8	76	0
Pioneer 2088YHR	193.6	213.7*		54.5	17.8	83	0
Caverndale CF 908 3000 GT	191.8			54.4	18.0	77	0
Rev®28HR10™	190.8	210.4*		54.4	18.2	72	0
Delta Grow DG36603000GT	189.5			54.2	18.5	68	0
Rev®28HR29™	189.4	215.0*	203.3*	53.7	19.6	62	0
Rev®29HR13™	179.4			54.1	18.7	53	0
Caverndale CF 926 GT	167.8			54.2	18.0	75	0
AVERAGE	199.0	215.8	199.5	54.3	18.3	74	0
C.V.	10.5	8.3	8.4	0.3	2.1	22	353
LSD (0.10)	29.8	16.9	13.3	0.2	0.6	23	1

* Not significantly different from top yield (0.10)

Planting date: April 17, 2012; Harvest date: September 12, 2012.

Soil type: Patton; Previous crop: soybean; Insecticide: Force 1.5G;
Fertilizer (lb/acre): N=170, P=60, K=40

**Table 5W. 2012 Kentucky Hybrid Corn Test—White
(112-117 Days to Maturity)—Ohio Valley Region (Daviness County).**

BRAND/HYBRID	Yield (BU/A)			TWT	MST	STD	LDG
	2012	11-12	10-12	(LB/BU) 2012	(%) 2012	(%) 2012	(%) 2012
Pioneer 32B16 HX1,LL,RR2	222.3*	214.9*		54.3	18.3	88	0
White Check	218.3*	226.9*	206.8*	54.4	18.2	88	1
Agrigold A6507WBtRR	208.4*	204.6	207.1*	55.2	16.8	88	0
Pioneer P1995W	174.1	195.9		54.5	17.9	85	0
Pioneer P1431W	173.7	190.2	183.0	54.9	17.1	88	0
Pioneer 33G60 HX1,LL,RR2	161.9	192.5	184.8	54.8	17.8	73	0
AVERAGE	193.1	204.2	195.4	54.7	17.7	85	0
C.V.	8.8	8.8	8.9	0.2	1.5	10	344
LSD (0.10)	24.7	17.6	13.9	0.2	0.4	12	1

* Not significantly different from top yield (0.10)

Planting date: April 17, 2012; Harvest date: September 12, 2012.

Soil type: Patton; Previous crop: soybean; Insecticide: Force 1.5G;
Fertilizer (lb/acre): N=170, P=60, K=40

Table 6E. Kentucky Hybrid Corn Test—Early (112 Days to Maturity or Earlier)—Southern Tier Region (Todd County).

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU)	MST (%)	STD (%)	LDG (%)
	2012	11-12	10-12				
Steyer 11207	205.4*			55.8	16.6	100	0
Delta Grow DG3588GTCBLL	191.9*			55.9	16.1	100	0
Delta Grow DG2688GTCBLL	190.4*			55.4	17.4	100	0
Augusta A0606CBLL	186.4*	169.3*	185.8*	56.6	15.4	100	0
BioGene BG 801A3	182.8*			57.0	14.9	100	0
Dekalb DKC62-09GENVT3P	181.8*	162.5*		56.8	15.3	100	0
Armor AXC2111APRO3	181.1*			56.9	15.5	100	0
Caverdale CF 838 3000 GT	178.5	166.7*		56.1	16.2	100	0
Warren/Dairyland 9212Q	177.5			56.8	15.0	100	2
Augusta A5658GTCBLLC	177.4	155.3		56.9	15.1	100	0
Armor 1161PRO2	176.9	161.9*	178.8*	56.8	15.3	100	0
Dyna-Gro D51VP40	176.8	168.5*	181.9*	56.9	15.2	100	0
Mycogen 2V707	174.5			56.6	15.7	100	0
LG Seeds LG2602VT3Pro	173.9	161.0*		56.1	16.0	100	0
Steyer 11203	173.4			56.9	15.0	100	0
Southern States SS 62-22GENVT2PRO	173.4			56.7	15.1	100	0
Stewart 8A228 RIB	172.5	157.7*		56.6	16.0	100	0
LG Seeds LG2555VT3	172.4	163.7*	189.5*	57.0	15.0	100	1
Golden Acres 1518	171.5			57.0	15.1	100	1
Armor 1133PRO3	170.3			56.6	15.7	100	0
Seed Consultants SCS 11HR02™	170.2	165.7*		56.9	15.4	100	0
Stewart 7E224 RIB	169.9			57.2	15.0	100	1
Caverdale CF 803 3000 GT	169.6			56.9	15.0	100	0
Augusta A0720CBLL	169.4	171.9*	187.8*	56.7	15.2	100	0
Dekalb DKC60-62GENVT3P	168.2			56.7	15.4	100	0
Augusta A5558VT3	168.0	153.6	172.0	56.8	15.3	100	0
Augusta A5462GT3000	167.1	155.8		56.4	15.6	100	0
Dekalb DKC62-97GENVT3P	165.5	172.2*	183.7*	56.3	16.0	100	0
Warren/Dairyland 9610	165.1			56.9	15.1	100	0
Great Lakes 6087VT3Pro	164.9			56.9	15.0	100	0
Southern States SS 62-32GENVT3PRO	164.1			56.7	15.5	99	1
NK N68B-3111	162.8	150.8	168.9	56.8	15.1	99	0
Warren/Dairyland 9111SSX	161.7			56.4	15.5	100	0
Pioneer P1184YHR	161.0	156.0	181.3*	56.9	15.2	100	0
Early Check	161.0	151.5	168.6	56.7	15.3	99	0
Dekalb DKC61-88GENVT3P	159.9	160.4*		56.5	15.3	100	0
Caverdale CF 844 VT2PRO RIB	159.5			56.9	15.5	100	0
LG Seeds LG2575VT3Pro	159.5			56.7	15.3	100	0
AgriGold A6458VT2RIB	159.2	163.7*	182.8*	57.3	14.5	100	0

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU)	MST (%)	STD (%)	LDG (%)
	2012	11-12	10-12				
Mycogen 2V715	156.8	155.3		56.4	15.2	100	3
Augusta A5457C	156.3			57.0	15.1	100	1
Pioneer P0912HR	154.5	155.1		57.1	14.8	100	3
Beck 5509A3	153.5			57.2	15.0	100	0
Warren/Dairyland 1809	153.2			56.9	15.2	100	1
AgriGold A6486VT2RIB	153.2			57.2	14.4	100	0
Great Lakes 6232VT3Pro	153.0	151.0		56.1	15.8	100	0
Southern States SS 54-32GENVT3PRO	153.0			57.4	14.7	100	1
Armor 1010PRO2	152.1			56.8	15.0	100	0
Augusta A5560VT3	151.8	143.5		56.9	15.0	100	0
Augusta A5461GTCBLL	151.7	146.8	179.1*	56.4	15.4	100	0
Stewart EXP12E2	150.8			56.9	14.8	100	0
Mycogen 2D744	150.7	158.8*		56.9	15.2	100	0
Armor 1262PRO2	150.7	158.8*	170.7	56.6	15.0	100	0
AgriGold A6489VT3	150.0	151.8	168.8	56.6	15.7	100	8
Southern States SS 62-33GENVT3PRO	149.5			56.6	15.5	98	2
Beck 6175AMX™™	147.0			56.2	16.0	100	0
Augusta A5362VT3Pro	142.2			56.3	15.7	99	0
Augusta A5360	138.9			56.9	14.9	100	5
Seed Consultants SCS 11HR21™	137.9	148.4	173.0	56.8	15.0	100	0
Augusta A5262GT3000	137.5			56.7	15.2	99	1
Stewart 7E344 RIB	137.4			56.9	14.9	100	3
Augusta A4557	137.0			56.8	15.1	100	0
Caverdale CF 748 3000 GT	135.9			57.1	14.6	100	0
BioGene BG 800V2	135.8	155.9		57.4	15.0	100	3
AgriGold A6476VT3Pro	131.6	141.0	162.1	56.8	15.4	100	3
Steyer 11204	130.7	147.0		56.7	15.0	100	0
Dyna-Gro D49VP88	128.7			56.4	15.4	100	1
Stewart 7V747	126.1			56.4	15.0	100	3
BioGene BG 810V2	123.6			56.6	14.4	100	1
Caverdale CF 669 VIP3111	123.3			57.5	14.4	100	0
Seed Consultants SCS 11HR12™	118.6	133.0		57.2	14.6	100	0
AVERAGE	159.0	156.7	177.2	56.7	15.3	100	1
C.V.	11.8	10.2	9.2	0.5	2.6	1	366
LSD (0.10)	25.3	15.3	11.8	0.4	0.5	1	3

* Not significantly different from top yield (0.10)

Planting date: May 9, 2012; Harvest date: October 11, 2012.

Soil type: Pembroke B; Previous crop: soybean; Insecticide: Force 1.5G;
Fertilizer (lb/acre): N=170, P=69, K=60

Table 6M. 2012 Kentucky Hybrid Corn Test—Medium (113-117 Days to Maturity)—Southern Tier Region (Todd County).

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12	10-12				
Stewart 8V663	232.3*			56.1	16.3	100	0
Augusta A7767VT3ProC250	230.0*			55.8	16.9	100	0
Pfister 3507HR	212.3*			55.1	17.7	100	0
Seed Consultants SC 11AGT30™	208.5*	190.5*	197.0*	56.2	16.2	100	1
Southern States SS 67-32GENVT3PRO	205.7*			55.6	17.5	100	0
Pfister 2728HR	204.6*			55.4	17.1	100	0
NK N78S-3111	203.9	200.4*		55.7	16.7	100	1
Rev®27HR83™	201.8			55.5	17.3	100	0
Delta Grow DG2788CBL	200.9			56.0	16.3	100	0
Channel 217-08VT3P	200.3	191.9*		56.1	16.6	100	0
Dekalb DKC67-57GENVT3P	199.9	195.4*		56.0	16.5	100	1
Rev®26HR23™	197.8			56.6	15.8	100	0
Warren/Dairyland 9214SSX	194.9	186.1*		56.0	16.7	100	0
AgriGold A6573VT3Pro	194.6	193.3*		56.0	16.0	100	0
Pioneer P1360HR	193.8			56.6	15.9	100	0
BioGene BG 850V3	193.4	181.0		56.1	16.2	100	0
Warren/Dairyland 7015	193.3			55.1	17.5	100	0
Phoenix 6442A4	192.2			55.8	16.3	100	1
Dyna-Gro D57VP51	191.2			56.4	16.3	100	0
Augusta A7664VT3	191.1	178.1		56.0	16.6	100	0
Dekalb DKC66-86GENVT3P	190.8			55.9	16.7	100	0
Augusta A5565VT3Pro	189.9			56.5	16.0	100	1
Warren/Dairyland DS1013	189.8			55.4	17.1	100	0
AgriGold A6517VT3Pro	189.5			55.8	16.4	100	1
Armor AXC2114PRO3	189.1			56.2	16.3	100	0
Delta Grow DG2888GTCBL	188.9	182.7		55.5	17.3	100	0
Pfister 3488HR	188.7			55.5	17.0	100	1
BioGene BG 841V2	188.7			55.8	16.8	100	0
Warren/Dairyland 9614Q	188.2			55.7	16.8	100	0
Pioneer P1498HR	186.7			56.2	16.3	100	0
Dyna-Gro CX12214	185.5			56.4	16.1	100	0
Seed Consultants SC 11AQ43™	185.0			55.7	17.0	100	0
Mycogen 2P768	184.7			56.6	15.6	100	0
AgriGold A6659VT3Pro	184.0			56.3	16.3	100	0
LG Seeds LG2620VT3	183.8	187.1*	190.8*	56.5	16.1	100	0
AgriGold A6632VT2RIB	182.9	174.3	184.0*	56.3	16.3	100	0
AgriGold A6553VT2RIB	180.1	183.8*	192.9*	55.8	16.7	100	0
Mycogen 2R818	179.1			56.1	16.2	100	0
Steyer 11407	178.2			56.8	15.6	100	0
Delta Grow DG3788GTCBL	177.6	172.8		55.7	17.0	100	0
Dyna-Gro D54VP81	177.6	171.8		56.0	16.0	100	0
NK N74R-3000GT	177.2	177.2	189.5*	55.7	16.5	100	0
Dekalb DKC64-69GENVT3P	176.6	184.2*	190.0*	56.4	15.9	100	0
Rev®24BHR93™	174.8			55.7	16.4	100	0
Steyer 11406	174.5	174.8		55.9	16.1	100	0
LG Seeds LG2641VT3	174.3	172.5	186.0*	55.9	16.5	100	0
Dekalb DKC63-87GENVT2P	173.9	184.9*	191.1*	56.0	16.2	100	1
Channel 215-52VT3P	173.4			56.1	15.7	100	0
Southern States SS 65-22GENVT2PRO	173.3			56.5	15.9	100	0

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12	10-12				
Great Lakes 6354G3VT3	173.1	180.7	191.1*	56.4	15.8	100	0
Stewart 8V446	171.2	172.7		56.3	15.8	100	0
Augusta A6867GTCBL	171.1	170.4	185.8*	55.7	17.0	100	0
Seed Consultants SC 11GT72™	171.0	183.6*		55.7	16.9	100	0
Seed Consultants SCS 11HQ42™	170.0			56.7	15.9	100	0
Augusta A5363VT3Pro	168.5			56.6	15.7	100	0
Great Lakes 6530VT3Pro	168.3	174.9		56.2	16.0	100	1
Beck 6626AMX™	167.3			55.7	16.8	100	0
BioGene BG 831V2	166.1			56.8	15.9	100	0
Caverdale CF 864 VT2PRO RIB	166.0			55.8	16.6	100	0
Mycogen 2A787	165.6	171.3		55.7	16.9	100	3
Pioneer P1745HR	165.3	171.6	187.3*	55.5	17.0	100	2
NK N72Q-3111	165.2	169.3		55.4	16.8	100	2
Phoenix 6948A3	164.5			55.8	16.7	100	0
Golden Acres G26V21	164.4			56.1	16.4	100	0
Armor 1550PRO3	164.1			56.2	16.1	100	0
Pioneer P1319HR	163.4	176.6		56.4	16.0	100	0
Channel 214-13VT2P	161.8	175.5	183.8*	56.8	15.5	100	3
Rev®25BHR63™	161.5			55.9	16.7	100	1
LG Seeds LG2636VT3Pro	159.2	176.9		56.2	15.7	100	0
Steyer 11302	158.8			56.4	15.7	100	0
Dekalb DKC63-25GENVT2P	158.4			55.9	16.7	100	0
Pioneer P1690HR	157.3			55.6	16.3	100	0
Stewart 8V753	157.3			56.3	15.5	100	0
Dekalb DKC66-97GENVT2P	156.6			56.2	16.4	100	0
Seed Consultants SCS 11HR63™	156.5	176.4		55.7	16.7	100	0
Rev®26R60™	156.2	170.5	188.5*	55.9	16.4	100	2
Southern States SS 788	156.1	166.1		56.3	16.1	100	0
Rev®27HR52™	154.7	172.7		55.2	16.8	100	0
Stewart 8E814 RIB	154.5	164.4		56.3	16.1	100	0
AgriGold A6533VT2RIB	152.8	161.7	178.5	56.4	15.9	100	0
Southern States SS 63-32GENVT3PRO	152.8			56.6	15.8	100	0
Seed Consultants SCS 11HQ39™	150.9	170.1	185.5*	55.8	16.9	100	0
Mycogen 2V738	150.2	167.2	179.4	56.4	16.0	100	2
Beck 6272HR™	149.7	169.8		56.7	15.5	100	0
Seed Consultants SCS 11HR31™	149.2	165.2		55.0	17.5	100	1
Medium Check	148.6	169.3	165.3	55.5	16.7	100	0
Beck 7988BR	147.5	166.7		56.2	16.5	100	0
Seed Consultants SCS 11HQ70™	146.5	166.8	183.9*	55.8	16.2	100	2
Pioneer P1412HR	145.8	169.0		56.9	15.6	100	0
AgriGold A6679VT2RIB	145.6	158.2		55.6	16.8	100	0
Seed Consultants SCS 1138AM1™	142.7	166.6		56.8	15.7	100	0
AVERAGE	175.9	175.8	186.1	56.0	16.4	100	0
C.V.	11.7	10.3	9.4	0.5	2.0	0	330
LSD (0.10)	27.8	17.4	13.3	0.4	0.4	0	2

* Not significantly different from top yield (0.10)

Planting date: May 10, 2012; Harvest date: October 11, 2012.

Soil type: Pembroke B; Previous crop: soybean; Insecticide: Force 1.5G;

Fertilizer (lb/acre): N=170, P=69, K=60

**Table 6L. 2012 Kentucky Hybrid Corn Test—Late
(118 Days to Maturity or Later)—Southern Tier Region (Todd County).**

BRAND/HYBRID	Yield (BU/A)			TWT	MST	STD	LDG
	2012	11-12	10-12	(LB/BU) 2012	(%) 2012	(%) 2012	(%) 2012
Delta Grow DG6488GTCBLLRW	184.4*			55.8	16.5	100	0
Late Check	183.0*	185.6*	173.6	55.2	17.0	100	0
Pioneer 2088YHR	179.6*	193.1*		55.5	16.4	100	0
Pioneer 1944HR	178.2*			55.3	16.7	100	0
Caverdale CF 908 3000 GT	172.1*			55.5	17.1	100	0
Rev [®] 29HR13™	170.9*			55.4	17.2	100	0
Rev [®] 28HR29™	167.5*	185.3*	187.1*	55.0	17.8	100	0
Rev [®] 28HR10™	161.3*	182.1*		55.7	16.4	100	0
Rev [®] 28HR20™	155.9*	178.4*	189.1*	55.7	16.5	100	0
Caverdale CF 926 GT	149.7			55.3	17.0	100	0
Delta Grow DG36603000GT	145.7			55.1	17.7	100	0
AVERAGE	168.0	184.9	183.3	55.4	16.9	100	0
C.V.	12.6	9.5	9.1	0.4	2.0	0	434
LSD (0.10)	29.7	16.5	12.7	0.3	0.5	0	0

* Not significantly different from top yield (0.10)

Planting date: May 10, 2012; Harvest date: October 11, 2012.

Soil type: Pembroke B; Previous crop: soybean; Insecticide: Force 1.5G;

Fertilizer (lb/acre): N=170, P=69, K=60

**Table 6W. 2012 Kentucky Hybrid Corn Test—White
(112-117 Days to Maturity)—Southern Tier Region (Todd County).**

BRAND/HYBRID	Yield (BU/A)			TWT	MST	STD	LDG
	2012	11-12	10-12	(Lb/Bu) 2012	(%) 2012	(%) 2012	(%) 2012
Pioneer 32B16 HX1,LL,RR2	166.3*	167.6*		55.8	16.6	100	0
Pioneer P1995W	155.6*	170.6*		55.5	16.9	100	0
Agrigold A6507WBtRR	137.3	152.3	169.4*	55.9	16.3	100	0
White Check	127.4	140.8	146.7	55.3	16.7	100	0
Pioneer P1431W	125.8	149.4	165.5*	55.8	16.1	100	0
Pioneer 33G60 HX1,LL,RR2	124.3	144.7	155.8	55.9	16.4	100	0
AVERAGE	139.4	154.2	159.3	55.7	16.5	100	0
C.V.	12.6	10.5	9.1	0.5	2.4	0	490
LSD (0.10)	25.4	15.8	11.6	0.4	0.6	0	0

* Not significantly different from top yield (0.10)

Planting date: May 10, 2012; Harvest date: October 11, 2012.

Soil type: Pembroke B; Previous crop: soybean; Insecticide: Force 1.5G;

Fertilizer (lb/acre): N=170, P=69, K=60

**Table 7L. 2012 Kentucky Hybrid Corn Test—Late
(118 Days to Maturity or Later)—North Central Region (LaRue County).**

BRAND/HYBRID	Yield (BU/A)			TWT (LB/BU) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12	10-12				
Late Check	174.6*	183.1*	144.2	55.1	17.1	100	0
Delta Grow DG6488GTCBLLRW	163.3*			55.0	17.3	100	0
Caverdale CF 908 3000 GT	162.3*			55.1	17.3	100	0
Rev [®] 29HR13™	158.6*			55.3	16.7	100	0
Rev [®] 28HR10™	153.4*	174.4*		55.2	17.1	99	0
Pioneer 2088YHR	153.4*	182.5*		55.3	16.6	100	0
Pioneer 1944HR	147.2			55.4	16.7	100	0
Caverdale CF 926 GT	146.2			55.3	16.6	97	0
Delta Grow DG36603000GT	136.8			55.3	16.3	94	0
Rev [®] 28HR20™	132.3	174.5*	178.6*	55.4	16.5	100	0
Rev [®] 28HR29™	100.7	159.9	168.2*	55.8	15.4	100	0
AVERAGE	148.1	174.9	163.7	55.3	16.7	99	0
C.V.	11.7	9.4	10.2	0.6	4	5	0
LSD (0.10)	24.7	15.2	13.1	0.4	1	7	0

* Not significantly different from top yield (0.10)

Planting date: April 26, 2012; Harvest date: October 5, 2012

Soil type: Crider B; Previous crop: soybean; Insecticide: Force 1.5G;

Fertilizer (lb/acre): N=160, P= 50, K=75

**Table 7W. 2012 Kentucky Hybrid Corn Test—White
(112-117 Days to Maturity)—North Central Region (LaRue County).**

BRAND/HYBRID	Yield (BU/A)		TWT (LB/BU) 2012	MST (%) 2012	STD (%) 2012	LDG (%) 2012
	2012	11-12				
Pioneer 32B16 HX1,LL,RR2	178.3*	203.4*	55.5	16.5	100	0
White Check	174.7*	207.7*	55.3	16.9	100	0
Pioneer P1431W	170.0*	194.2	55.8	16.1	100	0
Pioneer P1995W	163.8	190.8	55.1	17.3	100	0
Agrigold A6507WBtRR	148.6	182.0	55.8	16.3	100	0
Pioneer 33G60 HX1,LL,RR2	147.5	184.8	55.8	16.3	100	0
AVERAGE	163.8	193.8	55.6	16.6	100	0
C.V.	5.5	5.8	0.2	1.5	0	0
LSD (0.10)	13.2	11.0	0.2	0.4	0	0

* Not significantly different from top yield (0.10)

Planting date: April 26, 2012; Harvest date: October 5, 2012

Soil type: Crider B; Previous crop: soybean; Insecticide: Force 1.5G;

Fertilizer (lb/acre): N=160, P= 50, K=75

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