

# 2006 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. Every effort has been made to conduct the test in an unbiased manner according to accepted agronomic practices.

## Presentation of Data

Complete 2006 data is presented for the tests at each location. Two- and three-year averages for yield are included in each of the single location tables. Readers are encouraged to consider multiple year averages and averages over locations reported in Tables 3E-1YR, 3E-2YR, 3E-3YR, 4M-1YR, 4M-2YR, 4M-3YR, 5L-1YR, 5L-2YR, 5L-3YR, 6W-1YR, 6W-2YR and 6W-3YR. These tables present better estimates of hybrid yield ability than data gathered at one location in one year.

Comparisons between yields and other characters 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, White, High Oil and Ethanol tests based on relative maturity or trait characteristic. Hybrids that yield equally as high as the highest yielding hybrid, based on statistical evaluation, are indicated by an asterisk. See the Hybrid Comparisons and the 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 2007. Seed of each commercial hybrid (Table 2) 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.

### Location of Tests

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

### Cultural Practices

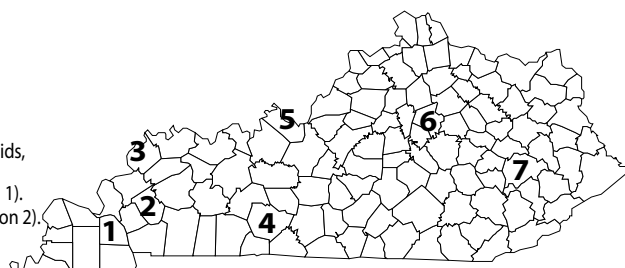
Corn seed was planted no-till into soybean stubble at all locations, except for Quicksand where corn was planted no-till into wheat cover crop stubble. Fertilizer was applied as indicated by soil tests.

All test areas were treated with herbicide(s), insecticide(s) and supplemented by post emergence herbicide when necessary. Force was applied in the row at planting to control corn rootworms. Table 3 shows the specific cultural treatment for each location and includes notes about the growing season.

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## Locations of the 2006 Hybrid Corn Performance Test



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

## 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 replications at the test site, while 2-year and 3-year means are averages of six and nine replications, respectively. A randomized complete block (RCB) design was used for each maturity group test at each location.

These tests are designed to predict yield ability. Slight differences in yield ability can occur as a result of variability in the field. The least significant difference (LSD) is used to account for that variability and to help determine significant differences between hybrid performances.

Consider the following example:

Hybrid .....	Yield (bu/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. Hybrids A and B have the same yield in this test. 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). Based on the LSD, Hybrid A yielded more than Hybrid C in this test.

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 CV is a calculated value that helps indicate unexplained variation. 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. 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/row for each plot. When seedlings were 12 to 18 inches tall, the stands were thinned to 33 plants/row equaling 26,000 plants/acre. The Ethanol tests were planted in four row plots at the same rate as the other tests. The middle two rows will be harvested for yield.

## 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% 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. Also at harvest, selected plots were observed to indicate apparent European corn borer damage by counting the number of broken tops per plot, according to a protocol by Rick Bessin, Department of Entomology, University of Kentucky. Corn borer damage was minor at all locations. In general, Bt hybrids had less apparent corn borer damage than non-Bt hybrids.

## Hybrid Comparisons

The Kentucky Hybrid Corn Performance Test is divided into six tests: Early, Medium and Late maturities, White, High Oil, and Ethanol hybrids. These divisions provide evaluations of the six 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 or Ethanol test. The Early, Medium, Late, and White tests were grown at all seven locations for a total of 28 tests. The High Oil tests were grown at two locations. The Ethanol tests were grown at four locations.

The Early maturity hybrid group in Table 3E and all subsequent "E" tables are those hybrids rated by the parent seed company to mature in 112 days or earlier.

The Medium maturity hybrid group in Table 3M 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 3L 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 3W 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.

The High Oil hybrid group in Table 16 includes those hybrids with the TopCross Blend trait.

The Ethanol group in Table 16 includes those hybrids higher in extractable starch content.

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, Illinois.

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.

## Chemical Analysis of the Early, Medium, Late, White, and Ethanol Tests

Grain chemical composition was measured from one replication of each Early, Medium, Late, and White maturity test at each location. These samples were analyzed by the Kentucky Grain Quality Laboratory at Lexington<sup>1</sup> using NIRS. The NIRS analysis provided evaluation of protein, starch, and oil and is presented in Tables 8 and 16 for grain at 0% moisture.

Since grain used in feed rations contains moisture, the composition variables provided in Table 8 and 16 should possibly be used at a moisture content that is different than 0%. A suitable moisture in most feed rations is 15%. To convert to 15% moisture, multiply the values in Tables 8 or 16 by 0.85. For any other moisture content, multiply the values by  $(100 - \% \text{moisture})/100$ .

The Ethanol and High Oil entries were hand pollinated at the Lexington location in separate nurseries. The seed from both nurseries was harvested, shelled, packaged, and sent to the IPG Lab in Champaign, Illinois, for analysis. The results of the Ethanol are reported in gal/bu along with protein, oil, and starch. The chemical analysis for the High Oil entries are reported as % protein, oil, and starch.

## High Oil Tests

Seven high oil hybrid blends (TC High Oil Blend®) were tested at two locations with three replications per location. The two-location average yield data is available in Table 15D. A 20- to 25-plant hand pollinated sample from each replication of the Lexington test was analyzed for chemical composition. The chemical composition values presented in Table 15F are given for grain at 0% moisture.

## Ethanol Tests

Thirty-two entries were accepted in the new Ethanol test. This test was planted at three locations with three reps per location. The tests as mentioned were in four-row plots, with the middle two rows designated for harvest. Hand pollinations on two replications were done in a separate nursery at the Lexington location. This seed was then mixed together, and a 4-lb sample sent to the IPG laboratory in Champaign, Illinois.

## Acknowledgements

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- Dale Tucker and family of Bowling Green.
- Jeff McGehee and family of Brandenburg.
- Tim Thomas and family of Waverly.

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<sup>1</sup> *The Grain Quality Laboratory is a service provided by the University of Kentucky with funding from the Kentucky Corn Growers Association.*

**Table 1. Precipitation at Test Locations, 2006.**

Month	Days	Location						
		Marshall	Princeton	Union	Brandenberg	Lexington	Quicksand	Warren
April	1-8	1.23	0.79	0.83	1.72	1.35	1.77	2.22
	9-16	0.01*	0.05	0.05	1.16	0.05	0.02	0.02*
	17-24	0.91	2.41*	2.04	2.41	1.79	1.14	1.20
	25-30	0.58	0.77	1.51	0.58*	1.17	0.02	1.07
	Total	2.73	4.02	4.43	5.87	4.36	2.95	4.51
May	1-8	3.12	1.19	0.78	0.46	0.68*	0.34	1.02
	9-16	1.80	2.31	1.60	0.85	0.79	0.68*	1.25
	17-24	0.29	0.38	1.39	1.02	0.82	0.75	0.35
	25-31	2.27	1.54	1.26	1.21	1.56	1.67	1.01
	Total	7.48	5.42	5.03	3.54	3.85	3.44	3.63
June	1-8	0.32	0.57	0.79	2.17	0.14	0.32	0.61
	9-16	0.00	0.00	0.00	0.87	1.15	0.70	0.85
	17-24	2.62	2.44	0.45	2.25	0.94	1.65	0.94
	25-30	0.04	0.38	0.42	0.54	0.14	0.33	0.26
	Total	2.98	3.39	1.66	5.83	2.37	3.00	2.66
July	1-8	0.43	0.13	1.08	1.24	2.40	2.90	1.74
	9-16	4.52	2.20	3.96	3.33	2.48	0.60	0.49
	17-24	1.84	0.49	1.27	2.74	0.51	0.25	0.77
	25-31	1.24	0.96	0.39	0.70	0.09	0.09	0.03
	Total	8.03	3.78	6.70	8.01	5.48	3.84	3.03
August	1-8	0.04	0.15	0.15	0.24	0.34	0.05	0.12
	9-16	2.28	1.56	2.59	1.58	0.95	0.34	1.37
	17-24	0.67	0.36	0.38	1.37	1.46	1.60	2.26
	25-31	1.70	0.52	0.75	0.57	0.74	1.56	2.22
	Total	4.69	2.59	3.87	3.76	3.49	3.55	5.97
Sept	1-8	0.02	0.00	0.03	0.03	0.00	0.31	0.00
	9-16	0.76	0.86	2.08	2.29	1.85	0.71	1.61
	17-24	10.46**	7.67**	4.36	5.72	6.93	3.59	4.39
	25-30	0.28	0.32	1.06	1.53	1.47	0.95	0.78**
	Total	11.52	8.85	7.53	9.57	10.25	5.56	6.78
Grand Total		37.43	28.05	29.22	36.58	29.80	22.34	26.38

\* Planted.

\*\* Harvested in September, all others harvested in October.

**Table 2. Hybrids Tested in 2006.**

Company	Hybrid	Trait <sup>1</sup>	Test <sup>2</sup>	Color <sup>3</sup>	CRM <sup>4</sup>
<b>Adler Seeds</b>	4710	YGCB	E	Y	110
Adler Seed	8215	YGCB	M	Y	114
6085 W 550 N	3105	YGCB	ETH	Y	109
Sharpsville, IN 46068	5010		ETH	Y	111
<b>Adrain Associates</b>	AX1143		M/ETH	Y	114
Adrain Associates					
9697 West Main					
Kalamazoo, MI 49009					
<b>AgriGold</b>	A6395	BTRWRR	E	Y	107
AgriGold Hybrids	A6457		E	Y	110
RR#1 Box 203	A6455	BT	E	Y	110
St. Francisville, IL 62460	A6474	BT	E	Y	111
	A6522		M	Y	113
	A6585	BT	M	Y	114
	A6622		M/ETH	Y	115
	A6647	BT	M/ETH	Y	115
	A6633	BT	M	Y	115
	A6710	BTRR	L	Y	118
	A6537W		W	W	113
	A6587W		W	W	114
	A6395	TC	HO	Y	107
	A6445	TC	HO	Y	109
	A6474	TC	HO	Y	111
	A6490	TC	HO	Y	112
<b>Belle Southern Hybrids</b>	BELLE1533Y		M	Y	115
Belle Southern Hybrids	BELLE1545RY		M	Y	115
P.O. Box 9	BELLE1525R		M	Y	117
Waldenburg, AR 72475	BELLE1747RY		M	Y	117
<b>Beck's</b>	5444	RR	E/ETH	Y	110
Beck's Hybrid	7916	CBRR	M	Y	113
6767 E 276 St.	5816	CBRR	M	Y	113
Atlanta, IN 46031	6722	CBRR	M/ETH	Y	113
<b>Bio-Gene</b>	BG82N07		E	Y	112
Bio-Gene Seeds	LL/HX1129	LL/HX	E	Y	112
5477 Tri County Hwy.	RR/CB1163	RR/CB	M	Y	113
Sardina, OH 45171					
<b>Bo-Jac/Triton</b>	9527		M	Y	113
Bo-Jac Seed Company	9896		M	Y	116
245 1500th Ave.					
Mt. Pulaski, IL 62548					
<b>Campbell Seed</b>	6120		E	Y	108
Campbell Seed	6790	R2	E	Y	110
1375 N 800 W	7110	R2	M/ETH	Y	114
Tipton, IN 46072	7703	R2	M/ETH	Y	117
<b>Caverdale Farms Inc.</b>	CF786	RR2/YGCB	E	Y	110
Caverdale Farms Inc.	CF884		M	Y	116
1921 Bluegrass Pike	CF889	RR2/YGCB	M	Y	116
Danville, KY 40422	CF1015	RR2	L	Y	120
<b>Croplan Genetics</b>	643	RR2/BT	E	Y	111
Croplan Genetics	691	BT/LL	E	Y	112
P.O.Box 64281 MS5850	697	HX/LL/CL	E	Y	112
St. Paul, MN 55164-0281	731	HX/LL/CL	M	Y	114
	799	BT	M	Y	117
<b>Crows</b>	5261	B	E	Y	112
Crows Hybrid Corn Co.	4981	R	E	Y	112
P.O. Box 152	5131	B	M	Y	113
Kentland, IN 47951	5176	S	M	Y	113
	5301	R	M	Y	114
<b>Dyna-Gro</b>	57P69		E	Y	112
UAP Mid South	57P01		M	Y	114
57 Germantown Ct Suite 200	57P28		M	Y	114
Cordova, TN 38018	57P16		M	Y	115
	57P12		M	Y	115

**Table 2. Hybrids Tested in 2006.**

Company	Hybrid	Trait <sup>1</sup>	Test <sup>2</sup>	Color <sup>3</sup>	CRM <sup>4</sup>
<b>Garst</b>	8450	IT	E/ETH	Y	111
Garst Seed Co.	8350	YG1	M	Y	116
23629 330th St.	8294	YG1/IT	L	Y	118
P.O. Box 500	8380	IT	ETH	Y	
Slatea, IA 50244					
<b>Golden Harvest &amp; Laser Hybrids</b>	L-8H59	BT	E	Y	111
H-9006	BT	E/ETH	Y	111	
H-8920		E	Y	111	
H-9107		E	Y	112	
H-9251	BT	M/ETH	Y	113	
L-9H63	BT	M	Y	114	
<b>LG Seeds</b>	LG2597		E	Y	112
LG Seeds Inc.	LG2600	BT	E	Y	112
22827 Shissler Rd.	LG2615		M	Y	113
Elmwood, IL 61529	LG2625	BT	M	Y	114
	LG2640	BT	M/ETH	Y	115
	LG2679		M/ETH	Y	115
<b>Miles Seed: Wyffels</b>	W8251	YGPL/RR	M	Y	114
Miles Seed	W8171	YGPL/RR	M	Y	114
P.O. Box 22879	W8601	YGPL/RR	M	Y	115
Owensboro, KY 42304	W8365	Agrisure CB	M	Y	115
	W8603	YGCB/RR	ETH	Y	
	W8720		ETH	Y	
	W5546		HO	Y	
	W7185		HO	Y	
	W7355		HO	Y	
	W7389	YGPL	E	Y	112
<b>Miles Seed: Exsegen</b>	ES414		M	Y	114
	ES414		ETH	Y	
	ES112		ETH	Y	
<b>Monsanto: Dekalb</b>	DKC60-19	RR2/YGCB	E	Y	110
Monsanto	DKC61-45	RR2/YGCB	E	Y	111
800 N. Lindbergh Blvd.	DKC61-22	RR2	E	Y	111
St. Louis, MO 63167	DKC61-72	RR2	E/ETH	Y	111
	DKC63-46	RR2/YGCB	M	Y	113
	DKC63-74	YGCB	M	Y	113
	DKC64-23	RR2/YGCB	M	Y	114
	DKC64-81	YGCB	M/ETH	Y	114
	DKC66-23	RR2/YGCB	M	Y	116
	DKC67-23	RR2/YGCB	M	Y	117
	DKC69-68	RR2/YGRW	L	Y	119
<b>Monsanto: Asgrow</b>	RX679	RR2	E	Y	109
	RX715	RR2	E	Y	111
<b>Mycogen</b>	2T780	HX1	E	Y	112
Mycogen Seeds	2H789	CL	E	Y	112
9330 Zionsville Rd.	2H747	CONV	E	Y	112
Indianapolis, IN 46268	2E762	RR2/YGCB	E	Y	112
	2H789	CL	ETH	Y	
<b>Syngenta Seeds: NK Brands</b>	N65-C5	CB/LL	E	Y	109
Syngenta Seeds	N68-B8	CB/LL	E	Y	111
535 Pennyrite Dr.	N70-T9		E	Y	112
Madisonville, KY 42431	N71-R7		E	Y	112
Att. Les Radford	N76-D3	CB/LL	M	Y	113
	N76-M5	CB/LL	M	Y	116
<b>Pioneer</b>	34A16	HX1/LL	E	Y	110
Pioneer Hi-Bred International	33N56		E	Y	112
7501 Memorial Pkwy, SW;	33P70	YGCB/RR2	M	Y	114
Suite 205	33R81	YGCB/RR2	M	Y	114
Huntsville, AL 35802	33M53	RR2	M	Y	115
	33Y45		M	Y	115
	31G71	HX1/LL/RR2	L	Y	118
	31P41		L	Y	118
	31D58		L	Y	119
	33G58	YGCB	W	W	114
	33V62		W	W	114
	32B10		W	W	115
	32R38		W	W	116
	33N56		ETH	Y	117
	31G68		ETH	Y	

**Table 2. Hybrids Tested in 2006.**

Company	Hybrid	Trait <sup>1</sup>	Test <sup>2</sup>	Color <sup>3</sup>	CRM <sup>4</sup>
<b>Seed Consultants</b> Seed Consultants Inc. P.O. Box 370 Washington C.H., OH 43160	SC1097		E	Y	109
	SC1124A		E	Y	111
	SC11B40		M	Y	113
	SC11RR56		M	Y	113
	SC11BR45		M	Y	114
	SC11B55		M	Y	115
	SC11BR46		M	Y	116
	SC11B65		M	Y	116
	SC11H76		M	Y	117
	SC11B77		M	Y	117
	SC11RR86		L	Y	118
	SC11BR96		L	Y	119
	SC11MT45		ETH	Y	
	SC11BR55		ETH	Y	
<b>Southern States</b> Southern States Corp. 6606 West Broad St. Richmond, VA 23260	SS647	RR2,YGCB	E	Y	111
	SS777	RR2YGPL	M	Y	116
	SS791	CL	M	Y	116
	SS783	RR2,YGCB	M/ETH	Y	116
	SS842	RR2YGPL	L/ETH	Y	120
<b>Steyer Seeds</b> Steyer Seeds 6154 No. Co. Rd. 33 Tiffin, OH 44883	2386	YGCB	E	Y	110
	1152	YGCB	M/ETH	Y	115
	1153	YGCB	M/ETH	Y	115
<b>Trisler Seed Farms Inc.</b> Trisler Seed Farms Inc. 3274 E 800 North Rd. Fairmount IL 61841	5337	RRCB	M	Y	113
	5338	RRCB	M	Y	113
	06--06	CB	M	Y	114
<b>University of Tennessee</b> University of Tennessee	TN506		W	W	
<b>Vigoro</b> Royster Clark Inc. 717 Robinson Rd. S.E. Washington C.H., OH 43160	V52YR52	RR2/YGCB	E	Y	111
	V52Y61	YGCB	E	Y	112
	V5570	YGCB	M	Y	115
	V58Y41	YGCB	L	Y	118
<b>Zimmerman</b> Syngenta Seeds Inc 340 Southside Drive Henderson, KY 42420	1714W		W	W	115
	1713W		W	W	116
	1851W		W	W	118
	1863W		W	W	118
<b>Kentucky Agricultural Experiment Station</b> Illinois Found. Seeds Inc. P.O. Box 722 Champaign, IL 61820	Early Check		E	Y	112
	Medium Check		M	Y	115
	Late Check		L	Y	119

<sup>1</sup> **Trait:**

- BT corn borer resistance
- BTCB corn borer resistance
- BTRW corn rootworm resistance
- CB corn borer resistance
- CL Clearfield Corn (Lightning herbicide tolerance)
- CRW corn rootworm resistance
- HX Herculex (corn rootworm resistance)
- IT imidazolinone tolerance (Lightning herbicide tolerance)
- LL Liberty Link (Liberty herbicide resistance)
- RR Roundup Ready Corn (glyphosate tolerance)
- RR2 Roundup Ready Corn 2 (new event, glyphosate tolerance)
- TC TopCross corn (high oil)
- YG YieldGard (corn borer resistance)
- YGBT YieldGard (corn borer resistance)
- YGCB YieldGard Corn Borer (corn borer resistance)
- YGRW YieldGard RootWorm (corn rootworm resistance)
- TS Triple stack of traits

<sup>2</sup> **Test:** E = Early, M = Medium, L = Late, W = White, HO = High Oil, ETH = Ethanol

<sup>3</sup> **Color:** W = White, Y = Yellow

<sup>4</sup> **CRM:** Cumulative Relative Maturity (days)

Data provided by the seed companies.

**Table 3E-1YR. Annual Summary, 2006, Early Hybrids  
(112 Days to Maturity or Earlier), All Locations.**

BRAND/HYBRID	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
DEKALB DKC61-45(RR2/YGCB)	198.3*	15.7	100.0	1.9	57.1
LG SEEDS LG2600BT	198.0*	15.9	100.0	2.4	55.6
BECKS 5444RR	197.1*	15.7	100.0	8.9	57.7
MYCOGEN 2T780(HX1)	196.6*	16.8	100.0	4.1	57.6
GARST SEED CO. 8450IT	194.4*	16.6	99.8	2.8	57.3
CROPLAN GENETICS 691BT/LL	194.0*	16.9	100.0	2.2	57.6
SOUTHERN STATES SS647RR2YGCB	193.6*	16.1	100.0	4.8	57.5
AGRIGOLD A6455BT	193.3*	16.1	99.9	3.9	56.6
ADLER 4710YGCB	193.1*	15.8	99.9	4.7	57.0
NK BRAND/N68-B8 CB/LL	191.0*	15.9	100.0	2.1	55.9
GOLDEN HARVEST H-9107	190.7*	15.8	100.0	4.0	55.9
CROPLAN GENETICS 643RR2/BT	190.0	16.0	100.0	3.2	58.3
DYNA-GRO 57P69 RRYG	188.8	16.0	100.0	4.8	55.8
GOLDEN HARVEST H-9006BT	188.4	15.7	100.0	4.3	56.3
AGRIGOLD A6457	187.6	15.7	100.0	2.2	59.3
ASGROW RX715RR2(RR2)	186.9	16.0	100.0	3.0	57.7
BIOGENE BGLL/HX 1129	186.4	16.6	98.8	6.0	56.3
SEED CONSULTANTS SC1097	185.8	16.1	100.0	6.1	57.3
NK BRAND/N65-C5 CB/LL	185.4	15.4	99.8	1.9	57.0
AGRIGOLD A6474BT	184.6	16.5	100.0	3.3	58.6
CROPLAN GENETICS 697HX/LL/CL	184.4	16.9	100.0	3.0	57.5
LG SEEDS LG2597	184.0	15.7	100.0	3.5	58.1
CAVERNDAL 786RR2/YGCB	184.0	16.1	99.9	3.8	57.2
DEKALB DKC61-22(RR2)	183.9	15.6	100.0	4.1	58.0
VIGORO BRAND V52YR52 (RR2,YGCB)	183.6	15.8	99.4	3.0	56.3
GOLDEN HARVEST H-8920	183.3	16.4	99.4	2.3	57.1
PIONEER BRAND 34A16(HX1/LL)	182.6	16.3	100.0	2.6	57.6
DEKALB DKC61-72(RR2)	182.5	15.7	100.0	5.4	56.4
WYFFELS W7389	181.6	16.3	99.8	2.2	58.8
NK BRAND/N70-T9 CB/LL/CL	181.5	17.3	100.0	4.0	57.0
PIONEER BRAND 33N56	179.7	17.1	99.3	1.8	58.3
CROWS 5261 R	179.6	16.8	99.8	3.4	58.0
LASER L-8H59BT	179.4	16.3	99.9	2.0	58.7
NK BRAND/N71-R7	179.3	16.2	100.0	1.9	57.5
CROWS 4981 R	179.3	17.2	100.0	3.3	58.9
MYCOGEN 2E762(RR2/YGCB)	178.8	16.1	100.0	3.2	57.1
SEED CONSULTANTS SC1124A	178.4	16.9	100.0	4.3	58.2
CAMPBELL SEED 6120	177.1	15.8	100.0	5.1	56.8
BIOGENE BG82N07	177.0	16.5	99.5	2.8	56.7
CAMPBELL SEED 6790RR2	176.8	16.5	100.0	1.4	59.0
VIGORO BRAND V52Y61 (RR2,YGCB)	176.7	15.9	98.4	3.1	56.0
MYCOGEN 2H747	176.5	16.7	100.0	2.3	57.7
ASGROW RX679RR2	174.6	15.4	100.0	1.6	58.4
DEKALB DKC60-19(RR2/YGCB)	171.4	16.4	100.0	3.2	58.3
STEYER 2386 YGCB	169.3	16.3	99.9	6.1	57.1
MYCOGEN 2H789(CL)	169.2	16.7	100.0	6.1	58.9
EARLY CHECK	162.7	16.5	99.9	3.5	56.2
AGRIGOLD A6395BTRWRR	158.2	15.6	100.0	2.5	57.4
EARLY AVERAGE	183.3	16.2	99.9	3.5	57.4
LSD (0.10)	8.0	0.4	2.6	0.5	1.5

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 3E-2YR. Two-Year Summary, 2005-06, Early Hybrids  
(112 Days to Maturity or Earlier), All Locations.**

BRAND/HYBRID	YLD BU/A 05-06	MST % 05-06	STD % 05-06	LDG % 05-06	TWT LB/BU 05-06
LG SEEDS LG2600BT	179.0*	15.1	99.9	3.3	53.7
DEKALB DKC61-45(RR2/YGCB)	178.1*	14.7	100.0	2.3	55.4
GARST SEED CO. 8450IT	175.7*	15.9	99.2	2.8	54.9
CROPLAN GENETICS 691BT/LL	175.5*	16.0	99.7	2.6	55.2
GOLDEN HARVEST H-9107	173.8*	15.2	100.0	2.8	54.2
MYCOGEN 2T780(HX1)	173.3	16.2	100.0	5.9	55.2
DEKALB DKC61-72(RR2)	172.6	14.9	100.0	4.2	55.1
GOLDEN HARVEST H-9006BT	172.3	15.1	99.7	4.3	54.6
ASGROW RX715RR2(RR2)	172.2	15.3	100.0	2.8	55.8
GOLDEN HARVEST H-8920	169.9	15.3	98.3	2.9	55.7
NK-BRAND/N70-T9 CB/LL/CL	168.5	16.4	99.7	3.5	55.3
PIONEER BRAND 33N56	168.1	16.6	98.9	3.4	56.6
DYNA-GRO 57P69 RRYG	165.3	15.2	99.9	5.4	54.4
MYCOGEN 2H789(CL)	163.4	16.2	100.0	4.4	56.8
SEED CONSULTANTS SC1124A	163.2	15.8	99.2	4.5	56.3
DEKALB DKC60-19(RR2/YGCB)	157.8	15.5	100.0	3.4	56.0
EARLY CHECK	147.9	15.6	100.0	2.6	54.7
EARLY AVERAGE	169.2	15.6	99.7	3.6	55.3
LSD (0.10)	5.2	0.4	1.7	0.9	0.8

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 3E-3YR. Three-Year Summary, 2004-06, Early Hybrids  
(112 Days to Maturity or Earlier), All Locations.**

BRAND/HYBRID	YLD BU/A 04-06	MST % 04-06	STD % 04-06	LDG % 04-06	TWT LB/BU 04-06
GARST SEED CO. 8450IT	191.4*	16.3	99.4	2.3	55.3
MYCOGEN 2T780(HX1)	190.1*	16.7	99.8	4.3	55.6
DEKALB DKC61-45(RR2/YGCB)	189.9*	15.2	100.0	1.8	55.8
ASGROW RX715RR2(RR2)	189.4*	15.7	99.8	2.6	56.3
CROPLAN GENETICS 691BT/LL	189.1*	16.3	99.6	2.3	55.3
PIONEER BRAND 33N56	186.4	16.8	98.8	2.6	56.9
GOLDEN HARVEST H-9006BT	185.7	15.5	99.6	3.4	55.0
NK-BRAND/N70-T9 CB/LL/CL	184.4	16.7	99.8	2.4	55.7
DYNA-GRO 57P69 RRYG	183.8	15.5	100.0	4.2	55.0
MYCOGEN 2H789(CL)	179.5	16.4	99.9	3.6	56.9
SEED CONSULTANTS SC1124A	178.3	15.9	99.1	3.3	56.3
DEKALB DKC60-19(RR2/YGCB)	176.0	15.5	99.9	2.4	56.2
EARLY CHECK	166.6	15.8	99.8	2.3	55.3
EARLY AVERAGE	183.9	16.0	99.7	2.9	55.8
LSD (0.10)	4.5	0.3	1.2	0.8	0.6

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 4M-1YR. Annual Summary, 2006, Medium Hybrids  
(113-117 Days to Maturity), All Locations.**

BRAND/HYBRID	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 33R81(YGCB/RR2)	197.0*	18.1	100.0	3.3	57.4
DEKALB DKC63-46(RR2/YGCB)	196.5*	16.7	100.0	3.4	57.0
CROWS 5131B	196.4*	18.2	100.0	3.4	57.8
CROPLAN GENETICS 731HX/LL	195.2*	17.5	100.0	3.8	57.0
BELLE 1533Y	195.0*	18.6	100.0	4.5	56.9
PIONEER BRAND 33Y45	194.9*	18.5	100.0	2.0	58.4
DEKALB DKC64-81(YGCB)	194.9*	17.7	100.0	6.0	58.9
GARST 8350YG1	194.3*	17.1	100.0	0.5	58.1
PIONEER BRAND 33P70(YGCB/RR2)	194.1*	18.8	100.0	5.8	59.7
DEKALB DKC66-23(RR2/YGCB)	193.9*	17.8	100.0	2.0	58.9
AGRIGOLD A6633BT	193.5*	17.3	100.0	4.0	56.7
BECKS 5816CBRR	192.5*	16.9	99.9	2.7	57.7
AX1143	192.5*	16.6	98.5	2.4	56.6
ADLER 8215YGCB/RR	192.4*	18.7	100.0	2.8	57.0
TRISLER 5337RRCB	191.7*	18.0	100.0	2.2	57.1
CAVERNDAL CF884	190.7*	18.0	99.6	4.9	57.0
BECKS 7916CBRR	190.6*	19.9	100.0	2.8	58.9
DYNA-GRO 57P12	190.5*	18.7	99.3	6.6	57.1
AGRIGOLD A6622	190.5*	17.1	100.0	2.3	58.7
SOUTHERN STATES 777RR2YGPL	190.2*	18.8	99.9	2.7	58.0
LASER L-9H63Bt	190.2*	16.9	99.8	6.3	56.7
SEED CONSULTANTS SC11H76	189.7*	20.2	99.9	2.8	57.7
SEED CONSULTANTS SC11BR45	189.1*	18.0	99.9	2.5	57.4
CROWS 5176S	188.8	17.3	100.0	1.9	58.9
CROPLAN GENETICS 799BT	188.7	18.1	100.0	3.0	58.5
DYNA-GRO 57P16	188.4	16.8	99.8	6.9	58.6
LG SEEDS LG2625BT	188.0	17.8	100.0	2.4	57.3
TRISLER 06-06CB	187.9	20.0	100.0	4.0	57.6
DEKALB DKC67-23(RR2/YGCB)	187.9	18.4	100.0	5.2	59.2
CROWS 5301R	187.6	16.3	99.8	5.7	57.5
SEED CONSULTANTS SC11BR46	186.7	17.2	99.8	5.4	57.7
NK BRAND/N76-M5 CB/LL	186.3	17.7	100.0	2.6	55.6
BECKS 6722CBRR	185.8	18.7	100.0	3.9	56.3
SEED CONSULTANTS 11B77	185.5	16.3	99.9	5.1	56.8
BO-JAC 9527	185.1	17.0	100.0	3.3	57.7
BIO GENE RR/CB 1163	185.1	18.1	99.6	2.3	58.3
TRISLER 5338RRCB	185.0	17.1	99.9	2.8	56.5
AGRIGOLD A6522	184.9	16.4	100.0	1.8	57.6
SEED CONSULTANTS SC11BR55	184.5	17.3	100.0	3.5	57.2
WYFFELS W8251(YGPL/RR)	184.1	17.2	99.9	2.2	58.7
CAMPBELL SEED 7110R2	183.6	18.0	100.0	6.2	57.3
PIONEER BRAND 33M53(RR2)	183.6	18.6	99.9	2.7	59.7
LG SEEDS LG2640BT	183.3	17.5	100.0	3.2	57.7
BELLE 1525R	183.2	18.5	99.6	2.6	58.9
STEYER 1152 YGCB	182.6	18.2	100.0	3.7	57.2
CAVERNDAL CF889 RR2/YGCB	182.6	19.5	100.0	2.3	57.4
BELLE 1545RY	182.2	18.6	100.0	3.0	57.2
SEED CONSULTANTS SC11B40	182.1	17.6	99.4	2.5	57.9
AGRIGOLD A6647RR	182.1	17.9	100.0	3.4	58.1
LG SEEDS LG2615	182.1	16.6	99.8	1.7	57.5
NK BRAND/N76-D3CBLL	181.8	18.9	99.9	1.2	56.9
GOLDEN HARVEST H-9251BT	181.4	16.5	100.0	2.9	58.0
DEKALB DKC63-74(RR2/YGPL)	181.4	16.8	100.0	3.6	58.1
SOUTHERN STATES S5791CL	181.2	18.3	99.9	4.0	58.0
MEDIUM CHECK	180.7	17.3	100.0	2.5	59.0
BELLE 1747	180.6	18.6	100.0	2.7	58.2
WYFFELS W8601 (YGPL/RR)	180.5	18.2	100.0	2.7	57.0
EXSEGEN ES414	180.3	18.1	99.8	5.2	57.0
DYNA-GRO 57P01	180.2	16.5	100.0	2.6	58.2
VIGORO BRAND V5570	180.0	17.5	100.0	3.6	57.4
LG SEEDS LG2679	179.9	17.4	100.0	2.2	58.3
DYNA-GRO 57P28	179.8	16.5	98.8	2.7	58.3
CAMPBELL SEED 7703R2	179.5	18.5	100.0	3.2	56.2
STEYER 1153 YGCB	179.1	17.8	100.0	1.7	58.0
DEKALB DKC64-23(RR2/YGRW)	178.4	17.0	99.7	2.6	59.0
SEED CONSULTANT SC11B65	178.0	17.8	99.4	2.8	57.5
WYFFELS W8171 (YGPL/RR)	176.6	17.1	100.0	1.7	57.5
SOUTHERN STATES S5783RR2YGCB	175.2	19.0	100.0	1.0	58.2
AGRIGOLD A6585BT	172.8	17.3	100.0	3.8	56.8
WYFFELS W8365(AGRISURE CB)	172.0	17.2	100.0	2.7	59.1
SEED CONSULTANTS SC11RR56	168.5	17.6	100.0	5.1	57.6
BO-JAC/TRITON 9896	162.1	19.2	98.7	6.1	56.9
MEDIUM AVERAGE	185.3	17.8	99.9	3.3	57.7
LSD (0.10)	8.1	0.5	2.8	0.6	1.1

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 4M-2YR. Two-Year Summary, 2005-06, Medium Hybrids  
(113-117 Days to Maturity), All Locations.**

BRAND/HYBRID	YLD BU/A 05-06	MST % 05-06	STD % 05-06	LDG % 05-06	TWT LB/BU 05-06
PIONEER BRAND 33Y45	180.6*	17.9	100.0	2.3	57.0
CROPLAN GENETICS 799BT	178.4*	18.0	100.0	3.5	56.6
GARST 8350YG1	177.8*	16.4	100.0	1.1	56.1
AGRIGOLD A6622	177.4*	16.9	99.9	2.6	56.6
AGRIGOLD A6633BT	174.5	16.3	100.0	4.1	54.2
BELLE 1533Y	172.7	17.3	99.6	5.1	54.6
SEED CONSULTANTS SC11BR55	171.9	16.4	100.0	3.5	54.8
CAVERNDAL CF884	171.5	17.1	99.8	5.0	55.0
NK BRAND/N76-D3CBLL	170.2	17.7	99.9	1.7	55.1
CAMPBELL SEED 7110R2	169.7	17.6	100.0	5.7	55.2
SEED CONSULTANTS SC11B40	168.4	17.1	99.7	2.5	55.8
BIO GENE RR/CB 1163	167.8	17.5	99.6	3.1	55.5
LG SEEDS LG2625BT	167.7	16.6	99.9	3.3	54.5
DYNA-GRO 57P12	166.2	18.0	99.6	6.7	54.9
STEYER 1152 YGCB	166.2	17.4	99.4	4.0	54.9
STEYER 1153 YGCB	166.1	16.4	100.0	2.1	55.0
BELLE 1545RY	165.3	17.9	99.8	3.5	55.0
EXSEGEN ES414	164.6	17.3	99.8	6.1	55.0
BELLE 1525R	163.4	17.9	99.8	2.5	56.8
MEDIUM CHECK	159.6	16.3	99.7	3.3	56.9
MEDIUM AVERAGE	170.0	17.2	99.8	3.6	55.5
LSD (0.10)	5.1	0.4	1.8	0.4	0.6

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 4M-3YR. Three-Year Summary, 2004-06, Medium Hybrids  
(113-117 Days to Maturity), All Locations.**

BRAND/HYBRID	YLD BU/A 04-06	MST % 04-06	STD % 04-06	LDG % 04-06	TWT LB/BU 04-06
CROPLAN GENETICS 799BT	195.2*	18.2	99.9	3.2	56.9
GARST 8350YG1	194.8*	16.8	99.9	1.1	56.6
EXSEGEN ES414	182.7	17.5	99.9	4.9	55.3
SEED CONSULTANTS SC11B40	182.4	17.3	99.8	1.7	56.2
MEDIUM CHECK	178.0	16.8	99.1	2.7	57.1
MEDIUM AVERAGE	186.6	17.3	99.7	2.7	56.4
LSD (0.10)	4.2	0.3	1.2	0.6	0.5

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight



**Table 5L-1YR. Annual Summary, 2006, Late Hybrids  
(118 Days to Maturity or Later), All Locations.**

BRAND/HYBRID	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 31G71(HX/LL/RR2)	192.3*	17.9	99.1	2.9	57.5
PIONEER BRAND 31D58	191.2*	18.9	99.0	1.9	57.9
PIONEER BRAND 31P41	188.4*	18.3	99.0	3.7	58.2
GARST 8294YG1	183.5	18.5	99.9	3.1	56.9
VIGORO BRAND V58Y41(BTYG)	176.3	18.1	100.0	3.3	56.1
CAVERNDALE CF1015ARR2	175.0	19.6	100.0	2.7	58.5
SEED CONSULTANTS SC11BR96	167.7	20.0	100.0	3.5	58.8
SEED CONSULTANTS SC11BR86	164.1	19.1	100.0	3.4	57.5
AGRIGOLD 6710BTRR	161.9	20.9	100.0	2.0	56.7
DEKALB DKC69-68(RR2/YGRW)	159.9	19.5	100.0	3.5	58.8
SOUTHERN STATES SS842RR2/YGCB	155.9	19.7	100.0	3.3	55.2
LATE CHECK	150.3	20.1	96.7	2.2	57.4
LATE AVERAGE	172.2	19.2	99.5	3.0	57.5
LSD (0.10)	6.0	0.5	2.0	1.2	1.1

**Table 5L-2YR. Two-Year Summary, 2005-06, Late Hybrids  
(118 Days to Maturity or Later), All Locations.**

BRAND/HYBRID	YLD BU/A 05-06	MST % 05-06	STD % 05-06	LDG % 05-06	TWT LB/BU 05-06
GARST 8294YG1	174.6*	18.5	100.0	2.5	55.6
VIGORO BRAND V58Y41(BTYG)	167.5	17.5	99.1	3.9	54.7
LATE CHECK	146.7	19.5	94.3	2.9	55.3
SOUTHERN STATES SS842RR2/YGCB	144.7	18.1	99.1	5.2	52.8
LATE AVERAGE	158.4	18.4	98.1	3.6	54.6
LSD (0.10)	4.4	0.5	1.7	1.1	0.6

**Table 5L-3YR. Three-Year Summary, 2004-06, Late Hybrids  
(118 Days to Maturity or Later), All Locations.**

BRAND/HYBRID	YLD BU/A 04-06	MST % 04-06	STD % 04-06	LDG % 04-06	TWT LB/BU 04-06
GARST 8294YG1	188.5*	18.8	98.9	1.8	56.4
VIGORO BRAND V58Y41(BTYG)	183.1	17.8	99.0	3.2	55.2
LATE CHECK	158.2	19.8	93.5	2.5	55.5
LATE AVERAGE	176.6	18.8	97.1	2.5	55.7
LSD (0.10)	4.1	0.4	1.2	1	0.5

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 6W-1YR. Annual Summary, 2006, White Hybrids  
(113-117 Days to Maturity), Six Locations.\*\***

BRAND/HYBRID	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 33B10	181.2*	18.6	99.4	2.3	57.3
PIONEER BRAND 33G58	179.4*	16.8	100.0	3.3	57.9
PIONEER BRAND 32R38	164.5	18.6	100.0	2.9	56.2
PIONEER BRAND 33V62	163.3	16.8	99.9	3.2	57.4
MEDIUM CHECK	156.4	17.3	100.0	3.6	57.0
AGRIGOLD A6587W	156.3	18.2	99.7	6.4	57.8
AGRIGOLD 6537W	155.9	17.4	100.0	7.0	57.5
ZIMMERMAN 1863W	154.3	19.8	100.0	4.2	55.8
ZIMMERMAN 1851W	151.6	19.0	100.0	6.1	57.2
TN 506	147.8	20.2	99.8	4.5	57.0
ZIMMERMAN 1713W	143.5	18.2	99.4	3.5	56.7
ZIMMERMAN 1714W	141.7	17.0	99.9	4.9	57.6
WHITE AVERAGE	158.0	18.2	99.9	4.3	57.1
LSD (0.10)	7.2	0.4	3.1	0.5	1.2

**Table 6W-2YR. Two-Year Summary, 2005-06, White Hybrids  
(113-117 Days to Maturity), Six Locations.\*\***

BRAND/HYBRID	YLD BU/A 05-06	MST % 05-06	STD % 05-06	LDG % 05-06	TWT LB/BU 05-06
PIONEER BRAND 33B10	167.8*	17.0	98.2	2.7	56.3
PIONEER BRAND 32R38	165.9*	17.1	99.9	2.8	55.8
PIONEER BRAND 33V62	160.4	15.7	99.6	2.9	56.4
ZIMMERMAN 1851W	151.5	18.3	100.0	5.0	55.4
AGRIGOLD A6587W	150.4	17.3	99.9	6.6	57.0
AGRIGOLD 6537W	150.3	16.3	100.0	8.3	56.7
ZIMMERMAN 1863W	149.7	18.8	100.0	3.0	54.9
ZIMMERMAN 1713W	144.1	17.2	99.7	3.0	56.4
ZIMMERMAN 1714W	142.7	16.2	99.9	4.5	56.8
MEDIUM CHECK	153.8	16.3	99.5	3.9	56.4
WHITE AVERAGE	153.7	17.0	99.7	4.3	56.2
LSD (0.10)	4.8	0.4	2.3	0.6	0.6

**Table 6W-3YR. Three-Year Summary, 2004-06, White Hybrids  
(113-117 Days to Maturity), Six Locations.\*\***

BRAND/HYBRID	YLD BU/A 04-06	MST % 04-06	STD % 04-06	LDG % 04-06	TWT LB/BU 04-06
PIONEER BRAND 33B10	177.7*	17.5	96.6	1.9	56.6
PIONEER BRAND 33V62	173.0	16.4	98.4	2.3	56.7
ZIMMERMAN 1851W	160.9	18.9	100.0	4.3	55.6
AGRIGOLD 6537W	160.0	16.5	99.9	6.0	56.9
ZIMMERMAN 1713W	155.9	17.7	99.3	2.3	56.7
MEDIUM CHECK	166.9	16.5	99.3	3.1	56.5
WHITE AVERAGE	165.7	17.3	98.9	3.3	56.5
LSD (0.10)	4.2	0.3	1.5	1.3	0.5

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

\*\* Waverly data not included.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 7E. Annual Summary, 2006, Early Hybrids  
Chemical Composition, All Locations.**

BRAND/HYBRID	PROTEIN	OIL	STARCH
	% dry wt		
ADLER 4710YGCB	9.8	6.0	65.4
AGRIGOLD A63958TRWRR	10.1	5.8	65.2
AGRIGOLD A6457	10.7	6.0	66.0
AGRIGOLD A6474BT	10.0	5.8	66.3
AGRIGOLD A6455BT	9.7	6.1	66.6
ASGROW RX679RR2	9.7	5.2	67.6
ASGROW RX715RR2(RR2)	10.4	5.5	66.9
BECKS 5444RR	11.2	5.6	65.3
BIOGENE BG82NO7	10.6	5.8	67.2
BIOGENE BGLL/HX 1129	10.7	5.7	67.2
CAMPBELL SEED 6120	11.0	6.2	65.3
CAMPBELL SEED 6790RR2	9.8	5.9	66.4
CAVERNDAL 786RR2/YGCB	9.8	5.8	66.8
CROPLAN GENETICS 643RR2/BT	10.2	5.9	66.7
CROPLAN GENETICS 691BT/LL	10.0	5.7	65.9
CROPLAN GENETICS 697HX/LL/CL	10.3	5.9	67.5
CROWS 4981 R	10.4	5.8	66.7
CROWS 5261 R	10.3	5.8	66.2
DEKALB DKC60-19(RR2/YGCB)	9.4	5.7	66.7
DEKALB DKC61-22(RR2)	10.2	5.3	67.5
DEKALB DKC61-45(RR2/YGCB)	10.4	4.9	66.5
DEKALB DKC61-72(RR2)	11.1	5.8	64.4
DYNA-GRO 57P69 RRYG	10.0	5.5	66.3
EARLY CHECK	9.7	5.2	67.8
GARST SEED CO. 8450IT	10.5	5.6	64.9
GOLDEN HARVEST H-8920	9.9	5.9	66.7
GOLDEN HARVEST H-9006BT	10.5	5.8	65.4
GOLDEN HARVEST H-9107	10.3	5.4	68.0
LASER L8H59BT	9.9	6.1	66.0
LG SEEDS LG2597	9.7	6.4	67.6
LG SEEDS LG2600BT	9.8	5.5	65.9
MYCOGEN 2E762(RR2/YGCB)	10.3	5.6	65.5
MYCOGEN 2H747	9.6	5.8	65.3
MYCOGEN 2H789(CL)	10.6	5.9	66.6
MYCOGEN 2T780(HX1)	9.6	5.7	66.6
NK-BRAND/N65-C5 CB/LL	10.2	5.8	66.9
NK-BRAND/N68-B8 CB/LL	10.2	5.8	66.7
NK-BRAND/N70-T9 CB/LL/CL	9.6	5.7	66.8
NK-BRAND/N71-R7	10.0	5.8	67.0
PIONEER BRAND 33N56	9.3	5.4	69.1
PIONEER BRAND 34A16(HX1/LL)	10.3	5.6	67.0
SEED CONSULTANTS SC1097	10.3	6.4	66.4
SEED CONSULTANTS SC1124A	9.5	5.5	65.8
SOUTHERN STATES SS647RR2YGCB	9.7	6.0	66.1
STEYER 2386 YGCB	9.9	5.4	67.2
VIGORO BRAND V52Y61 (RR2,YGCB)	9.6	6.1	66.6
VIGORO BRAND V52YR52 (RR2,YGCB)	10.3	5.7	65.7
WYFFELS W7389	10.6	5.3	66.2
EARLY AVERAGE	10.1	5.7	66.5
<b>LOCATION AVERAGE</b>			
PRINCETON	8.9	5.7	67.5
WAVERLY	10.7	6.1	65.0
BOWLING GREEN	10.4	5.8	66.8
BENTON	10.2	6.0	66.2
LEXINGTON	9.8	5.6	67.7
QUICKSAND	10.8	5.5	65.6
BRANDENBERG	10.0	5.4	66.5

**Table 7L. Annual Summary, 2006 Late Hybrids  
Chemical Composition, All Locations.**

BRAND/HYBRID	PROTEIN	OIL	STARCH
	% dry wt		
AGRIGOLD 6710BTRR	9.7	6.0	66.6
CAVERNDAL CF1015ARR2	10.1	5.5	65.8
DEKALB DKC69-68(RR2/YGRW)	10.4	5.7	66.1
GARST 8294YG1	9.1	5.2	67.4
LATE CHECK	9.6	6.0	66.5
PIONEER BRAND 31D58	10.2	4.9	67.5
PIONEER BRAND 31G71(HX/LL/RR2)	9.2	5.0	66.6
PIONEER BRAND 31P41	9.5	5.0	66.7
SEED CONSULTANTS SC11BR86	9.9	5.4	67.4
SEED CONSULTANTS SC11BR96	10.5	6.0	64.7
SO. STATES 842RR2/YGCB	10.4	5.3	65.3
VIGORO BRAND V58Y41(BTYG)	9.5	5.4	67.1
LATE AVERAGE	9.8	5.5	66.5
<b>LOCATION AVERAGE</b>			
PRINCETON	9.3	5.3	66.9
WAVERLY	11.1	6.2	65.6
BOWLING GREEN	9.9	5.3	66.3
BENTON	9.4	5.5	67.9
LEXINGTON	10.1	5.4	65.0
QUICKSAND	9.6	5.3	65.9
BRANDENBERG	9.6	5.3	67.6

**Table 7M. Annual Summary, 2006, Medium Hybrids  
Chemical Composition, All Locations.**

BRAND/HYBRID	PROTEIN	OIL	STARCH
	% dry wt		
ADLER 8215YGCB/RR	9.6	5.6	67.0
AGRIGOLD A6522	10.2	6.5	66.5
AGRIGOLD A6585BT	10.3	5.5	66.7
AGRIGOLD A6622	9.7	6.0	66.6
AGRIGOLD A6633BT	9.8	5.4	65.0
AGRIGOLD A6647RR	9.1	5.3	67.6
AX1143	9.8	5.8	66.6
BECKS 6722CBRR	9.4	5.5	67.6
BECKS 5816CBRR	9.5	5.7	66.3
BECKS 7916CBRR	9.2	5.9	66.3
BELLE 1525R	9.6	5.1	68.2
BELLE 1533Y	9.4	5.3	66.7
BELLE 1545RY	9.3	5.6	66.2
BELLE 1747	9.5	4.7	66.7
BIO GENE RR/CB 1163	9.5	5.5	67.5
BO-JAC 9527	10.3	5.9	65.7
BO-JAC/TRITON 9896	9.6	5.0	67.1
CAMPBELL SEED 7110R2	9.4	5.5	66.8
CAMPBELL SEED 7703R2	9.8	5.5	67.0
CAVERNDALE CF884	9.3	5.8	66.6
CAVERNDALE CF889 RR2/YGCB	9.9	5.4	65.8
CROPLAN GENETICS 731HX/LL	10.2	5.7	67.2
CROPLAN GENETICS 799BT	9.9	5.4	66.5
CROWS 5131B	9.3	5.7	67.3
CROWS 5176S	9.8	5.5	65.8
CROWS 5301R	10.9	5.6	65.2
DEKALB DKC63-46(RR2/YGCB)	10.2	5.5	66.6
DEKALB DKC63-74(RR2/YGPL)	10.1	5.6	64.9
DEKALB DKC64-23(RR2/YGRW)	10.5	5.4	65.9
DEKALB DKC64-81(YGCB)	10.4	5.5	65.3
DEKALB DKC66-23(RR2/YGCB)	10.2	5.6	65.4
DEKALB DKC67-23(RR2/YGCB)	9.8	5.6	66.0
DYNA-GRO 57P01	9.6	5.6	66.9
DYNA-GRO 57P12	9.8	5.6	66.6
DYNA-GRO 57P16	9.8	5.8	66.7
DYNA-GRO 57P28	9.9	5.7	65.5
EXSEGEN ES414	9.0	5.5	67.0
GARST 8350YG1	9.6	4.9	67.6
GOLDEN HARVEST H-9251BT	9.6	5.6	65.1
LASER L-9H63Bt	9.6	5.2	66.3
LG SEEDS LG2615	10.0	6.1	65.1
LG SEEDS LG2625BT	9.8	5.8	65.1
LG SEEDS LG2640BT	9.7	5.4	66.5
LG SEEDS LG2679	9.7	6.1	67.1
MEDIUM CHECK	10.6	6.0	66.0
NK-BRAND/N76-D3CBLL	9.4	5.4	66.5
NK-BRAND/N76-M5 CB/LL	10.1	5.6	65.7
PIONEER BRAND 33M53(RR2)	10.0	5.4	66.5
PIONEER BRAND 33P70(YGCB/RR2)	9.9	5.1	67.7
PIONEER BRAND 33R81(YGCB/RR2)	9.3	6.1	66.1
PIONEER BRAND 33Y45	10.2	5.2	66.8
SEED CONSULTANTS SC11B65	10.0	5.6	65.9
SEED CONSULTANTS 11B77	9.8	5.4	66.4
SEED CONSULTANTS SC11B40	10.2	5.7	67.1
SEED CONSULTANTS SC11BR45	9.4	5.8	66.2
SEED CONSULTANTS SC11BR46	9.6	5.0	68.8
SEED CONSULTANTS SC11BR55	10.0	5.2	66.3
SEED CONSULTANTS SC11H76	10.1	5.2	67.2
SEED CONSULTANTS SC11RR56	9.1	4.7	68.8
SOUTHERN STATES 777RR2YGPL	9.7	5.6	67.0
SOUTHERN STATES SS791CL	11.1	5.8	64.8
SOUTHERN STATES SS783RR2YGCB	10.3	5.7	65.6
STEYER 1152 YGCB	9.1	5.6	66.3
STEYER 1153 YGCB	10.3	5.9	66.0
TRISLER 06-06CB	10.1	5.6	66.7
TRISLER 5337RRCB	9.6	5.7	65.5
TRISLER 5338RRCB	9.8	5.3	66.7
VIGORO BRAND V5570	10.7	5.7	65.6
WYFFELS W8171(YGPL/RR)	10.3	5.5	66.6
WYFFELS W8251(YGPL/RR)	9.8	5.7	66.6
WYFFELS W8365(AGRISURE CB)	10.0	5.8	67.2
WYFFELS W8601(YGPL/RR)	9.8	5.4	66.7
MEDIUM AVERAGE	9.8	5.6	66.5
<b>LOCATION AVERAGE</b>			
PRINCETON	9.0	5.6	66.9
WAVERLY	10.5	6.0	65.9
BOWLING GREEN	10.2	5.6	66.9
BENTON	9.6	5.7	66.7
LEXINGTON	9.8	5.3	66.6
QUICKSAND	9.8	5.3	66.6
BRANDENBERG	9.4	5.1	66.4

**Table 7W. Annual Summary, 2006, White Hybrids  
Chemical Composition, Six Locations\*.**

BRAND/HYBRID	PROTEIN	OIL	STARCH
	% dry wt		
AGRIGOLD 6537W	9.0	4.7	69.1
AGRIGOLD A6587W	9.7	5.3	68.3
MEDIUM CHECK	10.1	5.6	67.2
PIONEER BRAND 32R38	9.7	4.1	68.1
PIONEER BRAND 33B10	9.4	4.0	69.3
PIONEER BRAND 33G58	9.3	4.1	69.5
PIONEER BRAND 33V62	9.6	4.0	68.8
TN 506	9.3	5.2	66.5
ZIMMERMAN 1713W	9.6	5.5	64.2
ZIMMERMAN 1714W	9.7	5.3	65.7
ZIMMERMAN 1851W	9.5	5.0	66.8
ZIMMERMAN 1863W	10.0	4.6	66.0
WHITE AVERAGE	9.6	4.8	67.5
<b>LOCATION AVERAGE</b>			
PRINCETON	8.9	4.9	68.2
BOWLING GREEN	10.2	4.8	67.4
BENTON	9.7	4.8	67.0
LEXINGTON	10.4	4.7	66.7
QUICKSAND	8.4	4.4	67.8
BRANDENBERG	9.8	4.9	67.6

\*Waverly data not included

**Table 8E. Yield Summary, 2006, Early Average  
(112 Days to Maturity or Earlier), Benton.**

<b>Agronomic Information</b>	
<b>Cooperator</b>	
David and Dennis Joseph Farm, Benton (Location 1)	
<b>Soil Type</b>	
Granada	
<b>Fertilizer (lb/acre)</b>	
N .....	185
P <sub>2</sub> O <sub>5</sub> .....	150
K <sub>2</sub> O.....	0
<b>Herbicide</b>	
Simazine, Lumax	
<b>Insecticide</b>	
Warrior T, Force 1.5G	
<b>Planting Dates</b>	
April 12	
<b>Harvest Dates</b>	
Sept. 21	
<b>Previous Crop</b>	
soybean	
<b>Notes</b>	
In general, lodging was more notable this year, likely due to the weather conditions. There was little or no weed problem and <10% southwestern corn borer pressure at this location.	

<b>Key:</b>
YLD = Yield
MST = Moisture
STD = Stand
LDG = Lodging
TWT = Test Weight

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
DEKALB DKC61-22(RR2)			222.0*	14.5	100.0	0.0	60.5
ASGROW RX715RR2(RR2)	206.5*	190.2*	220.4*	15.8	100.0	1.5	60.7
DEKALB DKC61-45(RR2/YGCB)	204.5*	185.2*	220.0*	14.6	100.0	0.0	60.2
MYCOGEN 2T780(HX1)	192.2	168.9	219.8*	16.0	100.0	0.0	57.8
BECKS 5444RR			216.1*	14.3	100.0	0.5	60.6
PIONEER BRAND 33N56	205.1*	183.8*	214.5*	15.9	100.0	0.0	61.6
BIOGENE BGLL/HX 1129			212.4*	16.7	100.0	0.0	58.8
DEKALB DKC61-72(RR2)		180.8*	212.2*	15.0	100.0	1.0	57.6
DYNA-GRO 57P69 RRYG	200.1*	179.3*	210.8*	14.6	100.0	0.0	57.3
GOLDEN HARVEST H-9006BT	198.7*	181.0*	209.6*	15.1	100.0	0.0	59.3
CROWS 4981 R			209.4*	15.9	100.0	0.0	60.6
AGRIGOLD A6455BT			209.3*	15.4	100.0	0.0	59.4
CROPLAN GENETICS 697HX/LL/CL			208.5*	15.6	100.0	0.0	60.6
GOLDEN HARVEST H-9107		172.6	202.5*	14.6	100.0	1.0	58.3
ADLER 4710YGCB			202.5*	14.8	100.0	0.0	58.2
SOUTHERN STATES SS647RR2YGCB			201.4*	15.9	100.0	0.0	60.1
GARST SEED CO. 8450IT	189.1	173.0	201.1*	15.9	100.0	0.0	57.6
AGRIGOLD A6457			199.9	15.3	100.0	0.0	60.0
LG SEEDS LG2600BT		182.5*	199.8	14.9	100.0	0.5	57.8
MYCOGEN 2H789(CL)	194.4	173.3	199.1	15.8	100.0	0.0	60.7
CROPLAN GENETICS 691BT/LL	190.1	175.6	197.9	15.9	100.0	0.0	58.5
NK-BRAND/N71-R7			196.7	15.7	100.0	0.0	59.1
AGRIGOLD A6474BT			196.5	15.4	100.0	0.0	60.9
WYFFELS W7389			196.3	16.0	100.0	0.0	59.9
CAMPBELL SEED 6120			195.4	14.6	100.0	0.0	59.6
LASER L-8H59BT			194.9	15.1	99.5	0.0	60.6
GOLDEN HARVEST H-8920		174.7	194.8	15.1	100.0	0.0	58.8
CAMPBELL SEED 6790RR2			194.3	15.0	100.0	0.5	60.2
CROWS 5261 R			193.5	15.2	100.0	0.5	58.2
VIGORO BRAND V52YR52 (RR2,YGCB)			192.9	15.4	100.0	1.0	57.8
NK-BRAND/N70-T9 CB/LL/CL	189.7	170.8	192.4	17.3	100.0	0.5	58.6
BIOGENE BG82NO7			192.3	16.1	100.0	0.0	57.4
CROPLAN GENETICS 643RR2/BT			189.4	13.7	100.0	0.5	54.4
PIONEER BRAND 34A16(HX1/LL)			189.1	15.8	100.0	0.0	58.2
MYCOGEN 2H747			188.5	14.1	100.0	0.0	59.8
LG SEEDS LG2597			188.2	15.2	100.0	0.0	61.4
CAVERDALE 786RR2/YGCB			187.4	15.1	100.0	0.0	58.6
NK-BRAND/N65-C5 CB/LL			187.2	15.5	98.5	0.0	60.1
MYCOGEN 2E762(RR2/YGCB)			186.2	15.2	100.0	0.0	58.0
VIGORO BRAND V52Y61 (RR2,YGCB)			185.3	15.8	100.0	0.5	58.5
SEED CONSULTANTS SC1124A	176.5	163.8	183.8	15.4	100.0	0.0	58.8
NK-BRAND/N68-B8 CB/LL			179.1	15.4	100.0	0.5	57.3
ASGROW RX679RR2			178.2	14.6	100.0	0.0	60.0
SEED CONSULTANTS SC1097			174.8	14.8	100.0	0.0	57.8
STEYER 2386 YGCB			167.4	15.6	100.0	0.5	58.3
AGRIGOLD A6395BTRWRR			163.9	15.6	100.0	0.0	59.4
EARLY CHECK	170.0	142.4	159.3	16.1	100.0	1.0	56.8
DEKALB DKC60-19(RR2/YGCB)	180.7	158.4	158.2	15.5	100.0	0.5	58.3
EARLY AVERAGE	192.1	173.9	195.7	15.4	100.0	0.2	59.1
LSD (0.10)	10.9	13.7	20.9	1.0	1.0	0.5	3.2
CV			7.9	4.8	0.4	317.6	4.0

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 8W. Yield Summary, 2006, White Average  
(113-117 Days to Maturity), Benton.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 32R38		162.3*	195.6*	14.9	100.0	0.0	59.6
PIONEER BRAND 33B10	172.6*	168.0*	186.6*	15.8	100.0	0.0	60.6
PIONEER BRAND 33G58			184.2*	15.3	100.0	0.0	60.5
PIONEER BRAND 33V62	177.5*	160.8*	184.1*	15.0	100.0	0.0	60.8
ZIMMERMAN 1863W		149.3	177.0	18.2	100.0	0.5	60.0
MEDIUM CHECK	173.6*	155.7	176.9	15.1	100.0	0.0	59.4
AGRIGOLD A6587W		152.1	171.9	16.5	100.0	1.0	61.8
ZIMMERMAN 1851W	160.3	139.5	161.6	17.3	100.0	0.0	60.4
AGRIGOLD 6537W	158.2	135.3	160.8	15.1	100.0	0.0	61.6
TN 506			160.0	17.8	99.0	0.5	60.7
ZIMMERMAN 1713W	153.4	129.8	148.1	16.8	100.0	1.0	59.5
ZIMMERMAN 1714W		133.3	143.2	15.7	100.0	0.5	62.8
WHITE AVERAGE	165.9	148.6	170.9	16.1	99.9	0.3	60.6
LSD (0.10)	11.6	9.4	16.7	0.9	1.0	0.7	2.2
CV			7.0	3.9	0.5	231.1	2.6

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 8L. Yield Summary, 2006, Late Average  
(118 Days to Maturity or Later), Benton.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 2006	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 31P41			203.2*	17.0	100.0	0.0	61.2
PIONEER BRAND 31G71(HX/LL/RR2)			199.2*	16.0	100.0	0.0	60.9
VIGORO BRAND V58Y41(BTYG)	172.3*	151.8	190.2*	14.9	100.0	0.0	59.2
PIONEER BRAND 31D58			188.1*	16.1	100.0	0.0	62.8
GARST 8294YG1	180.2*	164.5*	185.7	16.7	99.5	0.0	58.7
CAVERDALE CF1015ARR2			180.0	18.7	100.0	0.0	62.5
SEED CONSULTANTS SC11BR86			173.8	17.4	100.0	0.5	60.8
SEED CONSULTANTS SC11BR96			168.4	18.4	100.0	0.5	62.1
DEKALB DKC69-68(RR2/YGRW)			168.0	17.5	100.0	1.5	61.5
AGRIGOLD 6710BTRR			167.4	19.0	100.0	0.5	59.8
SO. STATES 842RR2/YGCB		122.5	155.5	16.8	100.0	1.0	58.3
LATE CHECK	153.9	137.5	145.9	18.3	100.0	1.0	59.9
LATE AVERAGE	168.8	144.1	177.1	17.2	100.0	0.4	60.6
LSD (0.10)	10.2	10.8	16.1	0.8	1.0	0.4	1.2
CV			6.5	3.2	0.3	176.3	1.5

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 8M. Yield Summary, 2006, Medium Average  
(113-117 Days to Maturity), Benton.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06	
BELLE 1533Y		181.5*	209.2*	16.5	100.0	0.0	60.2	
AGRIGOLD A6622		182.7*	206.2*	16.8	100.0	0.5	62.0	
CROPLAN GENETICS 731HX/LL			205.7*	16.8	100.0	0.5	59.7	
DEKALB DKC67-23(RR2/YGCB)			204.9*	17.1	100.0	0.5	62.0	
CROWS 5176S			201.8*	15.7	100.0	0.0	61.3	
SOUTHERN STATES SS791CL			200.5*	16.8	100.0	0.5	61.9	
DEKALB DKC63-74(RR2/YGPL)			199.3*	15.5	100.0	0.0	62.1	
ADLER 8215YGCB/RR			198.8*	16.8	100.0	0.0	59.2	
SOUTHERN STATES 777RR2YGPL			198.7*	17.2	100.0	0.5	60.2	
LG SEEDS LG2679			198.7*	16.3	100.0	0.0	62.3	
CROWS 5301R			198.6*	15.2	100.0	2.0	61.8	
GARST 8350YG1	203.6*	178.0*	198.2*	15.4	100.0	0.0	61.0	
CAVERNDALE CF889 RR2/YGCB			197.9*	17.7	100.0	0.0	60.9	
AX1143			197.1*	14.5	100.0	0.0	58.1	
AGRIGOLD A6633BT		183.8*	197.1*	15.0	100.0	0.0	59.0	
CROWS 5131B			196.4*	16.5	100.0	0.0	59.8	
EXSEGEN ES414	191.0	170.9	195.5*	15.7	100.0	0.0	59.6	
DEKALB DKC64-81(YGCB)			194.7*	15.9	100.0	0.0	61.2	
SEED CONSULTANTS SC11BR45			194.4*	16.2	99.0	0.0	58.3	
PIONEER BRAND 33Y45		179.6*	193.7*	16.2	100.0	0.0	61.9	
BECKS 5816CBRR			193.3*	15.3	100.0	0.0	59.7	
DYNA-GRO 57P12		157.1	193.0*	17.1	100.0	0.5	59.6	
TRISLER 5338RRCB			193.0*	15.4	100.0	0.0	59.1	
SEED CONSULTANTS SC11H76			192.3*	18.3	100.0	0.0	59.2	
SEED CONSULTANTS SC11B40	188.9	169.6	191.8*	16.1	100.0	0.0	61.8	
LG SEEDS LG2625BT			169.3	191.8*	15.8	100.0	0.0	57.9
NK-BRAND/N76-D3CBLL			180.5*	191.8*	18.2	100.0	0.5	59.8
AGRIGOLD A6522			191.5*	15.9	100.0	0.0	60.3	
CAMPBELL SEED 7110R2		174.1*	190.3*	15.5	100.0	0.5	60.0	
BECKS 6722CBRR			189.0*	17.0	100.0	0.5	59.8	
DEKALB DKC63-46(RR2/YGCB)			188.9*	15.4	100.0	0.0	59.6	
DEKALB DKC66-23(RR2/YGCB)			188.0	15.4	100.0	0.0	60.4	
SEED CONSULTANTS 11B77			187.8	14.9	100.0	0.5	60.4	
SEED CONSULTANTS SC11BR55		165.6	187.7	15.7	100.0	0.0	58.6	
DYNA-GRO 57P28			187.2	15.3	100.0	0.5	61.5	
LASER L-9H63Bt			187.1	15.7	98.5	0.0	58.6	
PIONEER BRAND 33R81(YGCB/RR2)			186.8	16.2	100.0	0.0	59.6	
WYFFELS W8365(AGRISURE CB)			186.8	16.1	100.0	0.5	62.1	
STEYER 1152 YGCB		166.8	186.4	15.9	100.0	0.0	59.5	
NK-BRAND/N76-M5 CB/LL			185.7	16.3	100.0	0.0	58.9	
TRISLER 5337RRCB			185.4	15.6	100.0	0.0	59.2	
DYNA-GRO 57P01			184.5	14.5	100.0	0.0	61.2	
WYFFELS W8171(YGPL/RR)			183.9	14.8	100.0	0.0	60.5	
DYNA-GRO 57P16			183.7	15.1	99.5	0.5	59.4	
MEDIUM CHECK	186.6	162.5	183.3	16.6	100.0	0.0	61.8	
WYFFELS W8601 (YGPL/RR)			183.3	17.3	100.0	0.0	60.6	
BELLE 1545RY		162.3	182.8	15.6	100.0	0.0	59.3	
PIONEER BRAND 33P70(YGCB/RR2)			182.8	16.1	100.0	0.0	62.3	
LG SEEDS LG2640BT			181.6	15.1	100.0	0.0	58.4	
BECKS 7916CBRR			181.2	17.1	100.0	0.0	59.7	
BELLE 1747			181.1	17.6	100.0	0.0	62.2	
AGRIGOLD A6647RR			179.6	16.0	100.0	0.0	61.9	
CAVERNDALE CF884		178.0	179.4	15.7	100.0	1.0	59.1	
TRISLER 06-06CB			179.4	18.3	100.0	0.0	59.9	
GOLDEN HARVEST H-9251BT			178.9	15.2	100.0	0.0	60.0	
CAMPBELL SEED 7703R2			178.6	16.7	100.0	0.0	59.6	
SEED CONSULTANTS SC11B65			177.9	15.8	100.0	0.0	58.9	
SEED CONSULTANTS SC11BR46			175.5	16.2	100.0	0.0	60.6	
BELLE 1525R		152.2	175.4	16.3	100.0	0.5	61.4	
BO-JAC/TRITON 9896			175.2	17.5	94.9	0.0	60.1	
LG SEEDS LG2615			174.8	15.4	100.0	0.0	61.1	
DEKALB DKC64-23(RR2/YGRW)			174.4	15.6	100.0	0.5	61.1	
CROPLAN GENETICS 799BT	186.6	169.9	174.0	16.8	100.0	0.0	60.2	
BIO GENE RR/CB 1163		167.4	172.6	16.1	100.0	0.5	58.9	
AGRIGOLD A6585BT			172.6	14.4	100.0	0.0	58.6	
SOUTHERN STATES SS783RR2YGCB			169.6	17.2	100.0	0.0	61.3	
WYFFELS W8251(YGPL/RR)			168.1	16.1	99.0	0.0	61.2	
STEYER 1153 YGCB		153.2	166.5	16.7	100.0	0.0	59.4	
SEED CONSULTANTS SC11R56			166.4	15.6	100.0	0.0	60.1	
PIONEER BRAND 33M53(RR2)			165.8	16.0	100.0	0.5	63.2	
VIGORO BRAND V5570			159.5	16.3	100.0	0.0	60.8	
BO-JAC 9527			158.9	15.2	100.0	0.0	60.6	
MEDIUM AVERAGE	191.3	170.3	186.3	16.1	99.9	0.2	60.3	
LSD (0.10)	10.5	12.6	20.8	1.2	0.7	1.5	1.1	
CV			8.2	5.6	1.1	299.7	1.3	

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 9E. Yield Summary, 2006, Early Average  
(112 Days to Maturity or Earlier), Princeton.**

**Agronomic Information**

**Cooperator**  
University of Kentucky Research and Education Center, Princeton (location 2)

**Soil Type**  
Huntington Silt Loam

**Fertilizer (lb/acre)**  
N ..... 185  
P<sub>2</sub>O<sub>5</sub>..... 100  
K<sub>2</sub>O..... 50

**Herbicide**  
Bicep II, Magnum, Gramoxone, Exceed

**Insecticide**  
Force 1.5G

**Planting Dates**  
April 19

**Harvest Dates**  
Sept. 19, 20

**Previous Crop**  
soybean

**Notes**  
In general, lodging was more notable this year, likely due to the weather conditions. There was very little weed or southwestern borer pressure at this location.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
GARST SEED CO. 8450IT	217.7*	209.1*	241.2*	17.6	100.0	0.0	57.5
CROPLAN GENETICS 643RR2/BT			224.7*	17.3	100.0	0.5	61.2
NK-BRAND/N68-88 CB/LL			223.7*	16.6	100.0	0.0	59.0
DEKALB DKC61-45(RR2/YGCB)	213.9*	201.0*	221.3*	16.3	100.0	0.0	60.5
GOLDEN HARVEST H-9107		205.3*	220.1*	16.9	100.0	0.0	58.8
CROPLAN GENETICS 691BT/LL	211.1*	198.8*	217.1*	16.5	100.0	0.0	58.8
AGRIGOLD A6455BT			216.9*	17.2	100.0	0.0	60.4
SOUTHERN STATES SS647RR2YGCB			214.5	16.5	100.0	0.0	58.2
CAMPBELL SEED 6120			208.2	16.6	100.0	1.0	59.4
MYCOGEN 2T780(HX1)	202.5	192.1	207.5	17.3	100.0	0.0	58.3
MYCOGEN 2E762(RR2/YGCB)			207.2	17.5	100.0	0.0	59.1
ADLER 4710YGCB			206.6	16.4	100.0	1.0	58.8
DEKALB DKC60-19(RR2/YGCB)	193.7	177.4	206.5	17.6	100.0	0.5	59.3
BECKS 5444RR			205.6	17.0	100.0	0.0	59.3
ASGROW RX715RR2(RR2)	205.0*	188.6	203.5	17.0	100.0	1.0	61.1
BIOGENE BG82NO7			203.4	15.9	100.0	2.5	58.4
LASER L-8H59BT			203.3	16.9	100.0	0.0	60.4
SEED CONSULTANTS SC1124A	200.2	183.4	201.5	17.4	100.0	1.0	60.5
AGRIGOLD A6457			200.0	16.4	100.0	2.0	60.5
ASGROW RX679RR2			196.6	15.2	100.0	0.5	60.2
VIGORO BRAND V52YR52 (RR2,YGCB)			196.3	17.4	100.0	0.0	58.8
MYCOGEN 2H747			195.8	17.7	100.0	0.5	59.6
LG SEEDS LG2600BT		178.9	195.7	16.8	100.0	0.5	57.6
SEED CONSULTANTS SC1097			195.7	17.1	100.0	0.0	58.8
NK-BRAND/N70-T9 CB/LL/CL	197.1	179.2	195.0	18.2	100.0	0.0	58.1
CROWS 4981 R			194.0	17.9	100.0	1.0	60.2
WYFFELS W7389			193.8	16.3	100.0	2.0	58.1
CROPLAN GENETICS 697HX/LL/CL			193.1	17.3	100.0	0.5	57.1
BIOGENE BGLL/HX 1129			193.0	15.8	100.0	0.5	58.9
GOLDEN HARVEST H-9006BT	193.0	171.2	192.4	15.7	100.0	0.0	59.3
DEKALB DKC61-22(RR2)			192.0	15.7	100.0	1.5	60.0
NK-BRAND/N71-R7			191.9	18.3	100.0	0.5	61.2
CAMPBELL SEED 6790RR2			190.3	17.0	100.0	0.0	59.4
DYNA-GRO 57P69 RRYG	184.3	164.5	189.4	16.4	100.0	0.0	58.6
VIGORO BRAND V52Y61 (RR2,YGCB)			188.3	15.6	100.0	0.0	57.6
AGRIGOLD A6474BT			188.1	16.9	100.0	0.0	59.7
STEYER 2386 YGCB			187.6	16.5	100.0	0.0	58.8
PIONEER BRAND 34A16(HX1/LL)			187.5	16.2	100.0	0.0	60.1
DEKALB DKC61-72(RR2)		183.9	187.2	15.0	100.0	1.5	59.1
NK-BRAND/N65-C5 CB/LL			186.5	15.5	100.0	0.0	58.5
MYCOGEN 2H789(CL)	188.8	177.9	182.3	16.2	100.0	1.5	58.7
LG SEEDS LG2597			180.3	14.9	100.0	1.0	59.5
CAVERNDALE 786RR2/YGCB			179.7	16.9	99.5	0.0	59.1
PIONEER BRAND 33N56	194.3	177.4	177.8	16.7	100.0	2.0	59.9
EARLY CHECK	178.4	162.9	177.1	18.3	100.0	0.0	58.8
GOLDEN HARVEST H-8920		173.0	172.2	16.6	100.0	1.0	59.8
CROWS 5261 R			169.3	16.4	100.0	2.0	58.7
AGRIGOLD A6395BTRWRR			156.9	15.5	100.0	0.0	59.3
EARLY AVERAGE	198.5	183.8	197.1	16.7	100.0	0.5	59.2
LSD (0.10)	13.6	16.6	26.6	1.5	1.6	0.2	1.7
CV			9.9	6.8	0.1	214.0	2.1

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 9W. Yield Summary, 2006, White Average  
(113-117 Days to Maturity), Princeton.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 33B10	219.1*	203.4*	224.6*	19.8	100.0	0.5	62.0
PIONEER BRAND 33G58			221.1*	17.3	100.0	0.5	61.9
PIONEER BRAND 32R38		210.2*	205.1*	20.0	100.0	0.0	62.3
AGRIGOLD A6587W		204.6*	198.7	18.3	100.0	0.5	61.5
TN 506			194.4	20.8	100.0	1.0	60.0
PIONEER BRAND 33V62	215.5*	197.2*	193.0	17.8	99.5	1.0	61.4
AGRIGOLD 6537W	195.3	194.1	189.7	17.6	100.0	0.5	61.3
MEDIUM CHECK	203.0	191.7	186.8	18.6	100.0	0.5	61.2
ZIMMERMAN 1851W	199.9	188.5	185.7	19.3	100.0	1.0	59.4
ZIMMERMAN 1863W		181.5	180.2	21.1	100.0	1.5	59.2
ZIMMERMAN 1714W		162.2	165.4	18.1	100.0	0.0	61.5
ZIMMERMAN 1713W	191.5	176.5	164.1	19.0	100.0	0.0	59.6
WHITE AVERAGE	204.0	191.0	192.4	19.0	100.0	0.6	60.9
LSD (0.10)	11.2	15.9	23.0	0.8	1.5	0.4	1.1
CV			8.5	3.1	0.3	176.7	1.3

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 9L. Yield Summary, 2006, Late Average  
(118 Days to Maturity or Later), Princeton.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
GARST 8294YG1	237.8*	233.9*	241.7*	20.1	100.0	1.0	61.1
PIONEER BRAND 31P41			223.8*	19.4	98.0	0.5	61.2
PIONEER BRAND 31D58			221.6*	20.0	100.0	0.5	61.5
PIONEER BRAND 31G71(HX/LL/RR2)			207.2	17.4	100.0	0.5	60.0
AGRIGOLD 6710BTRR			199.2	21.3	100.0	1.0	57.9
SEED CONSULTANTS SC11BR86			198.7	18.8	100.0	1.0	60.9
LATE CHECK	184.8	180.6	190.4	20.2	90.9	0.5	59.5
CAVERNDALE CF1015ARR2			189.7	20.8	100.0	0.5	62.2
VIGORO BRAND V58Y41(BTYG)	210.8	195.4	188.1	19.2	100.0	1.0	57.1
SEED CONSULTANTS SC11BR96			188.0	21.2	100.0	0.5	60.7
DEKALB DKC69-68(RR2/YGRW)			175.8	20.8	100.0	0.0	60.5
SO. STATES 842RR2/YGCB		145.7	130.6	19.6	100.0	0.5	54.7
LATE AVERAGE	211.1	188.9	196.2	19.9	99.1	0.6	59.8
LSD (0.10)	12.3	15.0	21.9	1.0	1.5	3.5	1.8
CV			7.9	3.6	2.5	164.9	2.2

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 9M. Yield Summary, 2006, Medium Average  
(113-117 Days to Maturity), Princeton.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
TRISLER 06-06CB			244.5*	21.0	100.0	0.0	60.9
PIONEER BRAND 33R81(YGCB/RR2)			240.1*	19.2	100.0	0.5	59.8
LASER L-9H63Bt			239.9*	18.2	100.0	0.0	57.5
PIONEER BRAND 33Y45		222.2*	238.7*	20.0	100.0	0.0	61.1
SEED CONSULTANTS SC11H76			237.9*	22.0	100.0	1.0	59.6
NK-BRAND/N76-M5 CB/LL			234.4*	19.8	100.0	0.0	57.9
DEKALB DKC66-23(RR2/YGCB)			234.0*	18.4	100.0	0.0	59.9
CROPLAN GENETICS 731HX/LL			232.4*	19.1	100.0	0.0	58.9
DEKALB DKC64-81(YGCB)			231.6*	18.7	100.0	0.5	61.5
AGRIGOLD A6622		205.2	231.0*	18.2	100.0	1.5	61.5
CAMPBELL SEED 7703R2			229.7*	17.1	100.0	1.0	55.7
LG SEEDS LG2679			229.5*	18.3	100.0	0.5	61.5
DYNA-GRO 57P12		206.2	228.9*	19.9	100.0	1.5	58.5
CROPLAN GENETICS 799BT	230.6*	221.3*	228.5*	19.6	100.0	0.0	61.4
PIONEER BRAND 33M53(RR2)			227.6*	19.7	100.0	0.0	63.2
SOUTHERN STATES SS791CL			226.5*	19.2	100.0	0.0	61.8
SEED CONSULTANTS SC11BR46			225.6*	18.4	98.5	2.6	60.2
AGRIGOLD A6522			225.1*	17.7	100.0	0.5	61.2
SEED CONSULTANTS SC11BR55		202.3	225.0*	17.6	100.0	0.0	59.0
CROWS 5131B			225.0*	19.8	100.0	0.5	59.3
AX1143			224.7*	18.0	100.0	0.0	58.2
BIO GENE RR/CB 1163	194.6		224.6*	19.7	100.0	0.5	59.1
CAVERNDALE CF884	199.0		224.0*	18.5	100.0	2.0	58.1
DYNA-GRO 57P16			223.6*	18.7	100.0	1.0	59.6
LG SEEDS LG2615			223.1	17.2	100.0	0.5	59.7
BELLE 1533Y		189.6	222.8	18.5	100.0	0.0	59.1
DEKALB DKC63-46(RR2/YGCB)			222.5	18.2	100.0	0.0	61.1
CROWS 5301R			221.1	17.3	100.0	1.5	60.9
DEKALB DKC63-74(RR2/YGPL)			221.0	17.0	100.0	0.0	60.6
AGRIGOLD A6633BT		190.8	220.8	19.5	100.0	2.0	57.8
BECKS 6722CBRR			220.8	20.2	100.0	1.5	59.4
SEED CONSULTANTS SC11BR45			220.7	18.5	100.0	1.0	61.0
BECKS 5816CBRR			220.5	17.8	100.0	0.0	60.0
TRISLER 5337RRCB			220.4	20.0	100.0	0.0	58.6
AGRIGOLD A6647RR			220.2	17.7	100.0	1.0	61.0
SOUTHERN STATES 777RR2YGPL			218.7	20.1	100.0	0.0	61.3
DEKALB DKC67-23(RR2/YGCB)			218.3	19.4	100.0	0.0	61.0
SEED CONSULTANTS 11B77			218.1	16.9	100.0	0.0	58.0
AGRIGOLD A6585BT			217.8	18.8	100.0	1.0	58.5
BELLE 1747			217.6	18.5	100.0	0.0	62.1
CAMPBELL SEED 7110R2		198.4	217.1	18.6	100.0	1.0	59.7
TRISLER 5338RRCB			216.4	17.8	100.0	0.0	58.8
VIGORO BRAND V5570			216.2	18.5	100.0	0.5	59.5
PIONEER BRAND 33P70(YGCB/RR2)			216.0	19.1	100.0	0.5	60.9
CROWS 5176S			215.4	18.5	100.0	0.5	61.2
WYFFELS W8251(YGPL/RR)			215.3	18.1	100.0	0.5	59.7
ADLER 8215YGCB/RR			214.5	20.5	100.0	0.5	60.0
BECKS 7916CBRR			214.4	21.5	100.0	1.0	61.3
BELLE 1525R		194.7	214.3	19.1	100.0	3.0	61.4
BO-JAC 9527			213.4	18.2	100.0	0.0	59.8
SEED CONSULTANTS SC11B65			212.9	19.4	100.0	0.0	60.1
STEYER 1153 YGCB	194.7		212.4	19.1	100.0	0.5	57.9
STEYER 1152 YGCB	191.6		210.6	19.8	100.0	0.5	59.0
DYNA-GRO 57P28			209.1	17.1	100.0	0.5	61.2
LG SEEDS LG2640BT			209.0	18.9	100.0	0.0	58.7
DEKALB DKC64-23(RR2/YGRW)			208.4	18.2	100.0	0.5	60.9
BELLE 1545RY		192.7	208.4	20.3	100.0	3.5	58.8
WYFFELS W8601(YGPL/RR)			207.5	18.9	100.0	0.5	60.4
GARST 8350YG1	211.8	199.7	207.5	17.7	100.0	0.0	60.2
SEED CONSULTANTS SC11B40	205.0	191.7	207.3	18.8	100.0	0.5	60.3
WYFFELS W8365(AGRISURE CB)			205.2	17.1	100.0	0.0	60.4
LG SEEDS LG2625BT		184.5	204.5	18.1	100.0	1.0	59.8
MEDIUM CHECK	196.5	177.2	202.2	18.3	100.0	3.0	60.1
CAVERNDALE CF889 RR2/YGCB			201.6	21.0	100.0	0.0	58.3
SOUTHERN STATES SS783RR2YGCB			201.1	19.3	100.0	0.0	59.4
GOLDEN HARVEST H-9251BT			199.0	18.1	100.0	0.0	58.7
EXSEGEN ES414	192.6	174.5	196.8	19.3	100.0	1.5	57.4
BO-JAC/TRITON 9896			193.4	20.2	100.0	0.0	57.1
NK-BRAND/N76-D3CBL		186.7	191.9	20.2	100.0	0.0	58.5
SEED CONSULTANTS SC11RR56			191.4	18.2	100.0	2.0	59.2
WYFFELS W8171(YGPL/RR)			187.7	19.3	100.0	0.0	59.9
DYNA-GRO 57P01			182.2	18.1	100.0	0.0	59.2
MEDIUM AVERAGE	207.3	195.9	217.5	18.9	100.0	0.6	59.8
LSD (0.10)	11.3	13.9	21.1	1.5	1.5	0.4	2.0
CV			7.2	6.0	0.3	176.7	2.5

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 10E. Yield Summary, 2006, Early Average  
(112 Days to Maturity or Earlier), Waverly.**

**Agronomic Information**

**Cooperator**  
Tim Thomas, Running T Farm,  
2259 State Rt. 141N, Morganfield (location 3)

**Soil Type**  
Memphis Silt Loam

**Fertilizer (lb/acre)**  
N .....200  
P<sub>2</sub>O<sub>5</sub>..... 90  
K<sub>2</sub>O.....120

**Herbicide**  
Harness Extra, Celebrity

**Insecticide**  
Force 1.5G

**Planting Dates**  
April 17, 18

**Harvest Dates**  
Oct. 2, 3

**Previous Crop**  
soybean

**Notes**  
In general, lodging was more notable this year, likely due to the weather conditions. There was little weed pressure and no corn borer pressure. There was significant lodging due to weather.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
AGRIGOLD A6455BT			237.0*	15.0	99.0	4.6	55.7
CROPLAN GENETICS 691BT/LL	198.0*	199.7*	224.8*	16.6	100.0	3.0	56.1
ADLER 4710YGCB			223.2*	14.6	100.0	2.5	56.5
DYNA-GRO 57P69 RRYG	202.8*	193.3*	219.8*	14.7	100.0	7.6	57.4
MYCOGEN 2T780(HX1)	198.2*	190.5*	213.9*	16.0	100.0	6.6	57.2
CROPLAN GENETICS 643RR2/BT			211.4	15.0	100.0	8.1	59.7
BECKS 5444RR			209.4	13.6	100.0	7.6	57.3
LG SEEDS LG2600BT		198.1*	208.9	15.1	100.0	4.0	56.1
CAVERNDALE 786RR2/YGCB			208.7	14.6	100.0	7.1	57.0
NK-BRAND/N68-B8 CB/LL			208.4	13.7	100.0	4.5	55.3
BIOGENE BGLL/HX 1129			206.4	17.1	98.0	10.3	55.4
NK-BRAND/N70-T9 CB/LL/CL	189.8	189.1*	204.7	15.5	100.0	5.1	58.4
SOUTHERN STATES SS647RR2YGCB			204.5	15.1	100.0	7.6	55.7
GOLDEN HARVEST H-9107		182.9	196.6	15.1	100.0	4.5	55.1
VIGORO BRAND V52Y61 (RR2,YGCB)			195.5	14.7	95.5	5.1	58.5
GOLDEN HARVEST H-9006BT	188.4	177.9	193.2	15.3	100.0	7.6	57.3
SEED CONSULTANTS SC1097			193.1	15.6	100.0	8.1	55.7
CROPLAN GENETICS 697HX/LL/CL			192.6	16.5	100.0	3.5	56.3
DEKALB DKC61-45(RR2/YGCB)	177.1	176.3	191.5	14.5	100.0	5.1	59.3
EARLY CHECK	183.1	176.5	190.8	14.7	99.5	9.2	58.4
AGRIGOLD A6457			189.4	14.9	100.0	4.5	59.4
GARST SEED CO. 8450IT	187.1	183.9	189.0	15.2	98.5	7.7	57.1
GOLDEN HARVEST H-8920		161.2	185.6	15.6	100.0	7.1	58.2
AGRIGOLD A6474BT			185.3	14.6	100.0	5.6	59.1
LG SEEDS LG2597			183.3	14.6	100.0	5.6	60.2
PIONEER BRAND 34A16(HX1/LL)			181.2	16.1	100.0	7.6	59.8
DEKALB DKC60-19(RR2/YGCB)	181.0	174.7	179.9	15.5	100.0	7.1	59.3
BIOGENE BG82NO7			178.6	14.5	98.5	4.6	58.9
WYFFELS W7389			178.0	15.2	100.0	4.0	62.4
ASGROW RX679RR2			177.0	14.9	100.0	5.6	59.9
AGRIGOLD A6395BTRWRR			173.2	14.8	100.0	4.5	58.3
CROWS 5261 R			173.2	15.2	98.5	5.7	57.6
SEED CONSULTANTS SC1124A	181.3	172.1	172.0	16.0	100.0	7.1	57.6
MYCOGEN 2E762(RR2/YGCB)			171.3	14.5	100.0	6.1	55.7
CAMPBELL SEED 6120			169.5	14.7	100.0	6.1	56.9
VIGORO BRAND V52YR52 (RR2,YGCB)			169.4	15.1	100.0	7.1	59.0
LASER L-8H59BT			168.4	15.4	100.0	5.6	58.0
STEYER 2386 YGCB			165.1	15.3	100.0	8.1	58.5
NK-BRAND/N65-C5 CB/LL			160.9	14.2	100.0	5.6	57.9
NK-BRAND/N71-R7			158.8	14.4	100.0	4.0	57.5
DEKALB DKC61-22(RR2)			155.2	14.7	100.0	7.6	59.1
ASGROW RX715RR2(RR2)	181.9	162.2	152.0	14.8	100.0	3.5	57.3
PIONEER BRAND 33N56	177.0	162.4	151.9	16.2	94.9	3.9	59.5
CAMPBELL SEED 6790RR2			148.5	15.2	100.0	5.1	58.5
CROWS 4981 R			146.8	16.9	100.0	8.1	59.0
DEKALB DKC61-72(RR2)		169.0	146.5	15.2	100.0	7.1	55.3
MYCOGEN 2H747			146.3	15.8	100.0	6.1	58.1
MYCOGEN 2H789(CL)	161.6	149.6	129.5	16.6	100.0	5.6	59.2
EARLY AVERAGE	185.2	177.6	183.7	15.2	99.6	6.0	57.8
LSD (0.10)	12.6	15.2	23.9	1.2	4.1	2.2	3.0
CV			9.6	5.7	1.6	50.4	3.9

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 10L. Yield Summary, 2006, Late Average  
(118 Days to Maturity or Later), Waverly.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 31G71(HX/LL/RR2)			208.5*	16.7	98.5	7.2	59.5
PIONEER BRAND 31D58			200.9*	17.0	100.0	6.1	55.1
PIONEER BRAND 31P41			194.5*	17.0	95.5	4.1	56.9
GARST 8294YG1	200.4*	189.9*	193.3*	16.3	100.0	3.5	60.1
CAVERNDALE CF1015ARR2			189.7*	18.2	100.0	3.0	58.6
SEED CONSULTANTS SC11BR96			188.1*	18.6	100.0	9.1	60.4
SO. STATES 842RR2/YGCB		159.2	177.0	16.5	100.0	5.6	58.0
VIGORO BRAND V58Y41(BTYG)	181.5	168.8	165.7	16.1	100.0	9.6	55.2
AGRIGOLD 6710BTRR			165.3	19.2	100.0	4.5	54.6
DEKALB DKC69-68(RR2/YGRW)			149.0	16.7	100.0	5.1	58.1
SEED CONSULTANTS SC11BR86			142.0	17.8	100.0	2.5	59.3
LATE CHECK	157.4	144.3	135.1	17.8	100.0	3.0	57.7
LATE AVERAGE	179.8	165.5	175.7	17.3	99.5	5.3	57.8
LSD (0.10)	12.8	15.2	20.8	1.4	6.0	3.4	3.9
CV			8.4	5.9	2.4	81.0	4.8

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.



**Table 10M. Yield Summary, 2006, Medium Average  
(113-117 Days to Maturity), Waverly.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TST WT LB/BU 06
DEKALB DKC64-81(YGCB)			226.0*	16.2	100.0	3.0	59.3
GARST 8350YG1	203.2*	198.0*	222.0*	15.3	100.0	2.5	57.8
NK-BRAND/N76-M5 CB/LL			221.6*	16.4	100.0	6.1	56.2
PIONEER BRAND 33P70(YGCB/RR2)			219.9*	18.2	100.0	8.6	60.5
LG SEEDS LG2615			218.7*	16.0	100.0	5.1	56.1
DEKALB DKC66-23(RR2/YGCB)			218.5*	16.7	100.0	4.0	59.6
WYFFELS W8251(YGPL/RR)			217.7*	15.5	100.0	5.1	57.7
AGRIGOLD A6522			217.7*	15.2	100.0	9.1	57.1
AGRIGOLD A6633BT		185.1*	216.9*	16.4	100.0	5.6	56.5
WYFFELS W8601 (YGPL/RR)			216.5*	16.5	100.0	8.6	56.9
LG SEEDS LG2625BT		188.0*	215.5*	16.5	100.0	5.6	56.4
PIONEER BRAND 33R81(YGCB/RR2)			214.7*	16.5	100.0	7.1	56.4
SEED CONSULTANTS SC11BR46			213.3*	16.3	100.0	7.6	58.6
NK-BRAND/N76-D3CBLL		194.5*	212.9*	16.8	100.0	4.0	56.6
TRISLER 06-06CB			212.7*	19.9	100.0	7.1	57.8
SOUTHERN STATES SS783RR2YGCB			212.7*	18.3	100.0	5.1	58.5
STEYER 1153 YGCB		186.3*	212.2*	16.8	100.0	6.1	59.4
CROWS 5131B			212.2*	16.7	100.0	8.6	57.5
ADLER 8215YGCB/RR			211.3*	17.1	100.0	3.0	56.3
SEED CONSULTANTS SC11H76			210.7*	19.3	100.0	8.1	58.0
DEKALB DKC63-74(RR2/YGPL)			210.6*	15.4	100.0	9.6	59.3
PIONEER BRAND 33Y45		193.8*	210.3*	17.3	100.0	5.1	57.2
TRISLER 5337RRCB			210.2*	16.7	100.0	4.5	56.3
BECKS 5816CBRR			209.8*	15.1	100.0	6.1	57.2
DEKALB DKC63-46(RR2/YGCB)			209.6*	16.5	100.0	5.1	57.9
BECKS 7916CBRR			208.7*	18.2	100.0	8.1	57.1
GOLDEN HARVEST H-9251BT			208.4*	14.5	100.0	9.6	56.4
BELLE 1545RY		182.6	208.0*	17.6	100.0	4.5	56.7
LG SEEDS LG2640BT			207.3*	15.8	100.0	9.1	56.3
AGRIGOLD A6622		183.0	207.0*	16.2	100.0	3.0	57.9
DYNA-GRO 57P12		177.5	206.2*	17.4	94.9	5.9	55.6
AX1143			206.1*	15.6	98.5	8.6	53.8
BIO GENE RR/CB 1163		179.4	205.8*	16.4	100.0	8.6	56.5
SEED CONSULTANTS SC11BR55		197.0*	205.6*	16.3	100.0	6.6	57.3
LASER L-9H63bt			205.2*	15.8	100.0	5.1	56.7
BECKS 6722CBRR			204.9*	16.9	100.0	3.0	56.9
WYFFELS W8171(YGPL/RR)			204.8*	15.5	100.0	5.6	58.8
SEED CONSULTANTS SC11BR45			204.3*	15.9	100.0	4.0	56.3
SOUTHERN STATES 777RR2YGPL			204.0*	17.6	100.0	7.1	58.9
BO-JAC 9527			202.6*	15.6	100.0	7.6	57.8
DYNA-GRO 57P28			202.4	15.2	91.9	3.5	57.9
CROPLAN GENETICS 799BT	201.8*	193.5*	202.2	16.5	100.0	7.6	58.0
VIGORO BRAND V5570			202.2	16.2	100.0	11.6	57.5
DYNA-GRO 57P16			201.6	16.2	100.0	6.6	59.2
BELLE 1747			201.1	16.9	100.0	5.1	58.4
SEED CONSULTANTS SC11B65			200.0	16.5	100.0	5.1	56.8
SEED CONSULTANTS 11B77			199.8	14.7	100.0	7.1	55.7
CROPLAN GENETICS 731HX/LL			199.5	15.3	100.0	4.5	57.5
BELLE 1533Y		167.5	197.0	17.2	100.0	7.1	55.4
PIONEER BRAND 33M53(RR2)			195.2	17.6	100.0	8.6	59.8
BELLE 1525R		163.5	194.2	17.1	100.0	3.5	59.6
STEYER 1152 YGCB		176.9	193.9	16.9	100.0	4.0	57.4
DYNA-GRO 57P01			193.2	15.2	100.0	6.1	57.4
DEKALB DKC67-23(RR2/YGCB)			192.9	17.8	100.0	9.1	57.6
SEED CONSULTANTS SC11B40	187.8	183.1	192.1	17.1	95.5	8.9	60.0
CROWS 5176S			189.4	16.3	100.0	1.5	58.8
DEKALB DKC64-23(RR2/YGRW)			186.4	16.2	100.0	5.6	59.5
CAMPBELL SEED 7703R2			185.4	17.4	100.0	6.1	56.9
EXSEGEN ES414		183.6	182.9	17.0	100.0	3.5	56.3
SOUTHERN STATES SS791CL			178.2	17.0	100.0	8.1	57.3
CROWS 5301R			178.0	15.4	100.0	6.6	56.4
CAVERNDALE CF889 RR2/YGCB			177.9	16.8	100.0	7.6	56.7
CAMPBELL SEED 7110R2		172.2	177.4	16.7	100.0	9.1	57.3
TRISLER 5338RRCB			176.5	15.5	100.0	6.6	56.0
AGRIGOLD A6585BT			176.1	15.9	100.0	5.6	56.0
AGRIGOLD A6647RR			173.8	16.2	100.0	10.1	57.7
MEDIUM CHECK	171.7	156.6	172.6	15.1	100.0	6.1	58.7
CAVERNDALE CF884		155.3	169.9	16.5	100.0	8.1	56.9
WYFFELS W8365(AGRISURE CB)			168.2	15.9	100.0	5.1	59.4
LG SEEDS LG2679			165.8	17.1	100.0	1.0	57.3
SEED CONSULTANTS SC11RR56			163.6	16.5	100.0	9.1	58.3
BO-JAC/TRITON 9896			161.0	17.9	100.0	2.5	55.3
MEDIUM AVERAGE	189.6	180.1	200.2	16.5	99.7	6.2	57.5
LSD (0.10)	12.3	14.4	23.4	0.9	5.7	2.7	2.0
CV			8.6	3.9	2.0	68.5	2.6

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 11E. Yield Summary, 2006, Early Average  
(112 Days to Maturity or Earlier), Bowling Green.**

**Agronomic Information**

**Cooperator**  
Dale Tucker, Tucker Farm, Bowling Green  
(location 4)

**Soil Type**  
Crider

**Fertilizer (lb/acre)**  
N .....270  
P<sub>2</sub>O<sub>5</sub> .....69  
K<sub>2</sub>O .....32  
Sulfur ..... 10

**Herbicide**  
Atrazine

**Insecticide**  
Force 1.5G

**Planting Dates**  
April 10

**Harvest Dates**  
Sept. 27

**Previous Crop**  
soybean

**Notes**  
In general, lodging was more notable this year, likely due to the weather conditions. There was <10% southwestern corn borer damage and excellent weed control, but significant lodging due to weather.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
LG SEEDS LG2600BT		199.3 *	231.0 *	13.7	100.0	7.1	54.6
AGRIGOLD A6457			210.6	13.8	100.0	7.1	56.3
NK-BRAND/N65-CS CB/LL			206.7	13.6	100.0	7.6	55.3
GARST SEED CO. 8450IT	218.4 *	189.6 *	205.6	14.4	100.0	9.6	55.0
LG SEEDS LG2597			205.0	14.5	100.0	17.7	56.6
VIGORO BRAND V52YR52 (RR2,YGCB )			204.3	13.7	100.0	11.6	55.3
DEKALB DKC61-22(RR2)			203.8	14.2	100.0	16.2	57.1
PIONEER BRAND 34A16(HX1/LL)			203.6	14.7	100.0	10.1	56.4
CROPLAN GENETICS 691BT/LL	208.2 *	190.8	202.5	14.6	100.0	9.6	55.3
CROWS 4981 R			199.6	15.3	100.0	11.6	58.1
DEKALB DKC61-45(RR2/YGCB)	202.3	181.2	197.7	13.7	100.0	7.6	56.1
CAVERNDAL 786RR2/YGCB			196.7	14.1	100.0	17.7	55.3
BIOGENE BGLL/HX 1129			196.7	14.7	97.0	27.5	55.5
MYCOGEN 2H747			196.7	14.5	100.0	8.6	56.5
BIOGENE BG82NO7			196.5	14.2	100.0	10.1	55.2
MYCOGEN 2E762(RR2/YGCB)			194.9	14.1	100.0	14.6	55.1
GOLDEN HARVEST H-9107		192.5 *	194.3	13.6	100.0	22.2	54.2
CROPLAN GENETICS 697HX/LL/CL			194.0	14.7	100.0	16.2	56.1
NK-BRAND/N68-B8 CB/LL			193.1	13.7	100.0	9.6	53.7
WYFFELS W7389			192.5	14.6	100.0	6.6	56.0
CAMPBELL SEED 6790RR2			192.2	13.8	100.0	4.0	55.8
ASGROW RX679RR2			191.5	14.0	100.0	4.0	55.7
AGRIGOLD A6474BT			190.5	14.7	100.0	17.7	57.1
GOLDEN HARVEST H-8920		191.2 *	190.4	13.8	95.5	7.3	56.2
BECKS 5444RR			190.4	14.4	100.0	52.5	55.7
DEKALB DKC61-72(RR2)		169.8	189.7	13.9	100.0	24.7	56.8
ASGROW RX715RR2(RR2)	206.9 *	188.4 *	188.9	13.9	100.0	14.6	56.3
VIGORO BRAND V52Y61 (RR2,YGCB)			188.3	14.0	100.0	15.7	54.9
LASER L-8H59BT			188.1	14.1	100.0	7.1	57.8
SOUTHERN STATES S5647RR2YGCB			188.0	13.8	100.0	24.2	54.6
SEED CONSULTANTS SC1124A	184.6	162.4	187.9	15.0	100.0	20.7	57.2
AGRIGOLD A6455BT			187.9	14.1	100.0	20.7	55.1
DEKALB DKC60-19(RR2/YGCB)	200.8	181.3	187.8	13.9	100.0	12.1	55.8
EARLY CHECK	185.1	161.3	186.6	14.2	100.0	12.1	55.2
MYCOGEN 2T780(HX1)	207.0 *	177.6	184.7	14.8	100.0	22.2	55.4
AGRIGOLD A6395BTRWRR			183.8	14.2	100.0	12.6	56.2
PIONEER BRAND 33N56	200.3	171.9	182.5	15.4	100.0	6.6	56.7
CROWS 5261 R			182.5	14.7	100.0	12.6	56.1
NK-BRAND/N70-T9 CB/LL/CL	207.0 *	184.4 *	182.4	14.5	100.0	21.2	54.9
NK-BRAND/N71-R7			182.3	14.3	100.0	8.6	56.5
ADLER 4710YGCB			181.8	14.1	100.0	28.8	55.1
GOLDEN HARVEST H-9006BT	205.5	188.1 *	181.5	13.9	100.0	21.7	55.5
CROPLAN GENETICS 643RR2/BT			181.4	14.6	100.0	13.6	57.4
DYNA-GRO 57P69 RRYG	192.7	172.0	179.4	13.8	100.0	25.3	55.6
STEYER 2386 YGCB			177.7	14.1	100.0	31.8	54.4
SEED CONSULTANTS SC1097			172.8	14.3	100.0	29.8	55.6
CAMPBELL SEED 6120			167.3	14.0	100.0	26.3	55.4
MYCOGEN 2H789(CL)	192.6	169.7	163.1	15.3	100.0	32.8	57.1
EARLY AVERAGE	200.9	180.7	191.2	14.3	99.8	16.3	55.8
LSD (0.10)	12.4	15.6	20.2	0.7	17.2	1.9	0.9
CV			7.8	3.5	1.4	77.9	1.2

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 11W. Yield Summary, 2006, White Average  
(113-117 Days to Maturity), Bowling Green.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 33G58			203.6*	14.6	100.0	18.2	56.1
PIONEER BRAND 33B10	168.6*	182.3*	180.2*	15.4	99.5	10.6	57.1
MEDIUM CHECK	165.5*	169.5*	176.4	14.1	100.0	16.7	57.7
PIONEER BRAND 32R38			188.6*	14.9	100.0	11.6	55.4
PIONEER BRAND 33V62	148.1	157.2	159.5	13.8	100.0	13.1	57.1
ZIMMERMAN 1863W			162.5	16.7	100.0	14.1	55.9
ZIMMERMAN 1714W			160.1	14.7	100.0	25.3	54.7
ZIMMERMAN 1851W	157.7*	170.8*	156.7	16.4	100.0	29.3	57.9
AGRIGOLD 6537W	151.1	151.9	154.2	15.7	100.0	36.4	57.8
AGRIGOLD A6587W			143.9	14.9	100.0	33.8	56.4
ZIMMERMAN 1713W	143.9	154.2	143.9	14.6	100.0	17.7	57.9
TN 506			143.5	17.1	100.0	21.2	55.6
WHITE AVERAGE	155.8	164.1	163.0	15.3	100.0	20.7	56.6
LSD (0.10)	12.0	15.3	24.4	1.3	18.2	0.4	2.5
CV			10.7	6.0	0.3	62.7	3.2

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 11L. Yield Summary, 2006, Late Average  
(118 Days to Maturity or Later), Bowling Green.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 31D58			199.7*	16.4	100.0	5.6	59.2
PIONEER BRAND 31G71(HX/LL/RR2)			196.0*	14.7	100.0	11.1	57.0
PIONEER BRAND 31P41			172.7	14.8	100.0	20.2	58.6
GARST 8294YG1	168.0	149.7	168.3	15.3	100.0	16.2	54.7
SO. STATES 842RR2/YGCB			141.0	16.3	100.0	14.1	53.3
VIGORO BRAND V58Y41(BTYG)	186.8*	162.8*	160.8	14.2	100.0	11.6	54.9
SEED CONSULTANTS SC11BR86			160.5	15.9	100.0	16.2	56.1
DEKALB DKC69-68(RR2/YGRW)			153.1	15.4	100.0	15.2	57.3
CAVERNDAL CF1015ARR2			151.4	16.8	100.0	14.1	58.2
SEED CONSULTANTS SC11BR96			150.4	16.9	100.0	13.1	57.7
LATE CHECK	165.7	150.8*	149.0	17.6	99.5	10.1	56.6
AGRIGOLD 6710BTTR			139.2	18.5	100.0	7.6	56.0
LATE AVERAGE	173.5	151.1	163.7	16.1	100.0	12.9	56.6
LSD (0.10)	12.9	12.9	16.8	1.4	12.7	0.4	1.2
CV			7.3	6.3	0.3	69.9	1.5

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 11M. Yield Summary, 2006, Medium Average  
(113-117 Days to Maturity), Bowling Green.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
DEKALB DKC63-46(RR2/YGCB)			214.1*	13.7	100.0	18.2	56.4
CAVERNDALE CF884		176.3	210.1*	14.8	100.0	23.2	56.1
BECKS 5816CBRR			209.9*	14.7	100.0	12.6	56.5
LG SEEDS LG2625BT		179.1*	208.8*	14.6	100.0	8.1	54.8
CROPLAN GENETICS 731HX/LL			208.4*	14.4	100.0	21.7	55.7
GARST 8350YG1	209.0*	192.7*	207.8*	15.0	100.0	1.0	57.3
CROWS 5131B			206.4*	14.6	100.0	14.1	55.1
SOUTHERN STATES 777RR2YGPL			203.5*	15.1	100.0	10.6	56.8
PIONEER BRAND 33R81(YGCB/RR2)			203.0*	16.2	100.0	15.7	57.0
MEDIUM CHECK	185.1	168.9	201.5*	14.9	100.0	7.1	57.6
CROPLAN GENETICS 799BT	206.3*	189.4*	199.9*	15.7	100.0	11.6	57.5
BELLE 1533Y		172.6	199.3*	15.8	100.0	23.2	55.1
DEKALB DKC66-23(RR2/YGCB)			198.9*	14.6	100.0	10.1	57.0
ADLER 8215YGCB/RR			197.6*	15.4	100.0	15.2	56.4
NK-BRAND/N76-D3CBLL		175.6	197.3*	15.7	100.0	2.5	55.8
BIO GENE RR/CB 1163		174.0	196.7*	14.9	100.0	6.6	55.9
CROWS 5301R			196.4*	14.3	100.0	29.8	56.6
AGRIGOLD A6522			196.2*	14.8	100.0	0.5	55.8
BO-JAC 9527			195.2*	14.3	100.0	15.2	56.4
CROWS 5176S			194.5*	15.3	100.0	10.6	58.0
LG SEEDS LG2640BT			193.8*	14.0	100.0	13.1	55.8
PIONEER BRAND 33M53(RR2)			193.7*	17.7	100.0	9.1	59.8
DYNA-GRO 57P16			192.7*	14.7	100.0	40.4	57.7
VIGORO BRAND V5570			191.8*	16.0	100.0	11.6	56.6
SEED CONSULTANTS 11B77			191.5	13.5	100.0	27.8	56.6
DEKALB DKC64-81(YGCB)			191.5	14.3	100.0	37.9	57.0
DYNA-GRO 57P01			191.0	13.9	100.0	11.6	58.2
CAMPBELL SEED 7703R2			190.2	15.8	100.0	15.7	56.0
WYFFELS W8251(YGPL/RR)			189.7	14.8	100.0	9.6	58.5
PIONEER BRAND 33Y45		174.0	189.4	16.5	100.0	7.6	58.1
GOLDEN HARVEST H-9251BT			189.1	13.4	100.0	10.6	56.9
AGRIGOLD A6622		182.6*	189.1	15.1	100.0	8.1	57.8
BECKS 6722CBRR			188.7	15.7	100.0	22.2	56.2
AGRIGOLD A6647RR			187.6	15.1	100.0	11.6	58.4
CAVERNDALE CF889 RR2/YGCB			187.5	17.1	100.0	7.6	56.7
WYFFELS W8601 (YGPL/RR)			187.4	14.8	100.0	8.6	56.3
TRISLER 5338RRCB			186.7	14.1	100.0	13.1	54.3
TRISLER 5337RRCB			186.6	15.1	100.0	11.1	55.3
LG SEEDS LG2679			186.5	13.9	100.0	12.6	57.6
DYNA-GRO 57P12		165.7	186.5	14.5	100.0	37.9	55.0
SEED CONSULTANTS SC11BR45			185.7	14.9	100.0	12.1	55.5
PIONEER BRAND 33P70(YGCB/RR2)			185.7	16.4	100.0	30.8	59.3
AGRIGOLD A6633BT		175.8	184.8	14.3	100.0	20.2	54.7
DEKALB DKC64-23(RR2/YGRW)			183.3	14.4	98.0	10.5	57.5
CAMPBELL SEED 7110R2		155.2	183.1	14.8	100.0	32.8	55.7
BECKS 7916CBRR			183.1	16.5	100.0	10.1	57.3
SEED CONSULTANTS SC11B40	183.2	166.5	182.9	15.1	100.0	7.1	57.5
LASER L-9H63Bt			182.4	13.5	100.0	38.9	54.7
NK-BRAND/N76-M5 CB/LL			181.6	14.5	100.0	11.1	54.8
SEED CONSULTANTS SC11H76			180.8	17.5	100.0	10.6	55.5
DYNA-GRO 57P28			180.6	13.6	100.0	13.6	57.7
LG SEEDS LG2615			179.9	14.5	100.0	6.1	56.3
DEKALB DKC67-23(RR2/YGCB)			179.7	15.1	100.0	26.8	57.5
AX1143			178.4	13.7	100.0	8.1	54.7
DEKALB DKC63-74(RR2/YGPL)			178.2	13.7	100.0	15.2	58.2
SOUTHERN STATES SS791CL			178.0	16.4	100.0	18.2	57.6
BELLE 1545RY		153.8	177.0	15.1	100.0	12.6	56.4
WYFFELS W8365(AGRISURE CB)			176.2	14.8	100.0	13.6	58.2
STEYER 1152 YGCB		155.7	175.8	14.7	100.0	21.2	55.0
WYFFELS W8171 (YGPL/RR)			175.6	14.1	100.0	6.1	57.4
SEED CONSULTANTS SC11BR46			174.7	15.0	100.0	26.3	58.0
BELLE 1525R		149.9	173.6	16.1	97.0	9.8	58.2
AGRIGOLD A6585BT			173.4	14.1	100.0	18.7	54.9
SOUTHERN STATES SS783RR2YGCB			173.3	17.1	100.0	2.0	58.1
TRISLER 06-06CB			170.6	16.5	100.0	20.7	57.1
EXSEGEN ES414	186.2	166.3	170.5	14.6	100.0	30.3	55.4
SEED CONSULTANTS SC11RR56			170.1	14.2	100.0	24.2	56.3
SEED CONSULTANTS SC11BR55		169.2	170.1	13.8	100.0	16.7	54.9
STEYER 1153 YGCB		157.0	166.3	14.3	100.0	4.5	55.1
BO-JAC/TRITON 9896			165.6	16.3	100.0	39.4	56.0
SEED CONSULTANTS SC11B65			161.8	14.8	100.0	14.1	55.5
BELLE 1747			150.7	16.1	100.0	14.1	58.3
MEDIUM AVERAGE	194.0	170.0	187.1	15.0	99.9	15.7	56.6
LSD (0.10)	10.9	14.4	22.4	0.9	18.4	1.0	1.0
CV			8.9	4.6	0.7	86.5	1.3

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 12E. Yield Summary, 2006, Early Average  
(112 Days to Maturity or Earlier), Brandenburg.**

**Agronomic Information**  
**Cooperator**  
 Jeff McGehee Farm, Brandenburg (location 5)  
**Soil Type**  
 Weinbach Silt Loam  
**Fertilizer (lb/acre)**  
 N ..... 110  
 P<sub>2</sub>O<sub>5</sub> ..... 75  
 K<sub>2</sub>O ..... 145  
**Herbicide**  
 Glyphosate, Spirit  
**Insecticide**  
 Force 1.5G  
**Planting Dates**  
 April 27, 28  
**Harvest Dates**  
 Oct. 5  
**Previous Crop**  
 soybean  
**Notes**  
 In general, lodging was more notable this year, likely due to the weather conditions. There was no damage due to southwestern corn borer and excellent weed control.

**Key:**  
 YLD = Yield  
 MST = Moisture  
 STD = Stand  
 LDG = Lodging  
 TWT = Test Weight

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
DEKALB DKC61-45(RR2/YGCB)	174.4*	169.1*	182.1*	15.3	100.0	0.0	53.1
SEED CONSULTANTS SC1097			178.0*	15.7	100.0	0.0	55.4
ADLER 4710YGCB			176.7*	15.7	100.0	0.0	52.4
BECKS 5444RR			171.3*	15.3	100.0	1.0	54.2
SOUTHERN STATES 647RR2YGCB			168.4*	16.4	100.0	0.0	57.8
BIOGENE BGLL/HX 1129			165.7	16.0	100.0	0.5	56.5
AGRIGOLD A6455BT			163.4	16.5	100.0	0.0	54.3
NK-BRAND/N65-C5 CB/LL			163.0	13.6	100.0	0.0	54.9
MYCOGEN 2T780(HX1)	169.0*	146.3	161.8	16.4	100.0	0.0	55.7
VIGORO BRAND V52Y61 (RR2,YGCB)			161.7	15.5	97.0	0.5	52.8
PIONEER BRAND 33N56	166.2*	151.6	161.5	16.7	100.0	0.0	56.4
NK-BRAND/N71-R7			161.4	14.7	100.0	0.5	55.5
CROPLAN GENETICS 697HX/LL/CL			161.0	16.8	100.0	0.0	55.4
GARST SEED CO. 8450IT	168.2*	150.4	161.0	15.9	100.0	0.0	59.9
CROPLAN GENETICS 643RR2/BT			160.5	15.4	100.0	0.0	54.7
CROWS 4981 R			159.2	17.1	100.0	0.0	58.4
WYFFELS W7389			158.4	16.5	100.0	0.0	58.7
DYNA-GRO 57P69 RRYG	157.4	140.2	157.9	16.1	100.0	0.5	54.4
MYCOGEN 2H789(CL)	169.5*	155.1	156.9	16.5	100.0	0.0	55.8
CAMPBELL SEED 6120			156.8	15.3	100.0	0.0	52.2
CROWS 5261 R			156.1	17.1	100.0	1.5	56.6
GOLDEN HARVEST H-9107		144.3	155.9	15.5	100.0	0.0	58.6
DEKALB DKC61-22(RR2)			155.9	15.2	100.0	1.0	56.5
ASGROW RX715RR2(RR2)	160.2	142.2	155.4	15.5	100.0	0.0	55.4
AGRIGOLD A6457			155.2	15.3	100.0	0.5	57.9
PIONEER BRAND 34A16(HX1/LL)			154.4	15.8	100.0	0.0	51.8
AGRIGOLD A6474BT			154.3	15.7	100.0	0.0	55.9
LG SEEDS LG2597			153.9	15.5	100.0	0.0	54.4
ASGROW RX679RR2			152.8	14.5	100.0	0.5	57.9
GOLDEN HARVEST H-9006BT	164.8*	151.2	152.5	15.1	100.0	0.0	52.2
VIGORO BRAND V52YR52 (RR2,YGCB)			152.5	14.5	100.0	0.0	51.5
DEKALB DKC61-72(RR2)		156.7	152.2	15.3	100.0	1.5	53.4
CAVERNDALE 786RR2/YGCB			152.2	16.0	100.0	0.0	58.4
MYCOGEN 2H747			151.3	16.2	100.0	1.0	51.5
GOLDEN HARVEST H-8920		143.9	151.2	15.5	100.0	0.0	55.3
CROPLAN GENETICS 691BT/LL	167.2*	149.3	149.5	16.6	100.0	0.0	53.3
SEED CONSULTANTS SC1124A	158.7	140.5	148.4	16.0	100.0	0.5	54.9
LASER L-8H59BT			147.9	16.4	100.0	0.5	57.4
LG SEEDS LG2600BT		139.4	147.1	14.8	100.0	0.5	53.2
STEYER 2386 YGCB			146.7	15.2	100.0	0.0	53.2
MYCOGEN 2E762(RR2/YGCB)			145.3	15.4	100.0	0.0	53.3
CAMPBELL SEED 6790RR2			143.7	15.3	100.0	0.0	55.8
NK-BRAND/N70-T9 CB/LL/CL	164.1	137.6	143.4	16.7	100.0	0.0	55.6
NK-BRAND/N68-B8 CB/LL			142.8	15.8	100.0	0.0	52.5
BIOGENE BG82NO7			139.6	15.7	100.0	0.5	50.5
AGRIGOLD A6395BTRWRR			129.5	15.0	100.0	0.0	57.8
DEKALB DKC60-19(RR2/YGCB)	142.6	119.1	126.9	16.2	100.0	0.5	59.5
EARLY CHECK	140.6	117.5	122.9	14.1	100.0	0.0	55.9
EARLY AVERAGE	161.7	144.4	154.7	15.7	99.9	0.2	55.2
LSD (0.10)	9.9	10.8	16.3	1.1	0.8	1.0	2.4
CV			7.8	5.0	0.8	250.2	3.2

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 12W. Yield Summary, 2006, White Average  
(113-117 Days to Maturity), Brandenburg.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 33B10	185.4*	166.0*	189.0*	18.9	100.0	0.5	52.3
AGRIGOLD 6537W	159.2	156.4*	163.6	17.2	100.0	2.0	51.4
PIONEER BRAND 33V62	175.0	153.3	159.6	16.9	100.0	3.0	55.0
ZIMMERMAN 1713W	167.5	150.1	149.0	20.5	100.0	1.5	51.6
PIONEER BRAND 33G58			143.3	17.5	100.0	0.5	56.5
ZIMMERMAN 1851W	150.8	139.9	136.4	20.1	100.0	0.5	55.3
MEDIUM CHECK	146.1	131.1	128.4	16.7	100.0	3.0	54.0
AGRIGOLD A6587W		123.9	124.4	18.8	100.0	0.0	55.3
ZIMMERMAN 1714W		133.4	123.3	16.2	99.5	1.5	55.5
PIONEER BRAND 32R38		132.5	120.9	19.0	100.0	2.5	50.9
ZIMMERMAN 1863W		125.1	119.8	21.1	100.0	4.5	52.5
TN 506			118.0	21.4	100.0	2.0	54.3
WHITE AVERAGE	164.0	141.2	139.6	18.7	100.0	1.8	53.7
LSD (0.10)	10.0	10.1	16.1	0.9	3.1	0.4	3.9
CV			8.2	3.5	0.3	121.4	5.2

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 12L. Yield Summary, 2006, Late Average  
(118 Days to Maturity or Later), Brandenburg.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
VIGORO BRAND V58Y41(BTYG)	174.2*	159.9*	170.0*	20.6	100.0	0.0	56.5
PIONEER BRAND 31P41			161.2*	17.8	100.0	0.0	54.8
PIONEER BRAND 31D58			159.8*	19.8	100.0	0.0	55.3
CAVERNDALE CF1015ARR2			148.8	20.4	100.0	0.0	53.9
GARST 8294YG1	171.6*	148.3	138.1	18.4	100.0	0.0	54.0
PIONEER BRAND 31G71(HX/LL/RR2)			136.1	19.2	100.0	0.5	54.6
SEED CONSULTANTS SC11BR96			131.0	20.5	100.0	0.0	57.2
AGRIGOLD 6710BTRR			130.6	21.4	100.0	0.0	55.2
DEKALB DKC69-68(RR2/YGRW)			126.9	20.5	100.0	0.0	57.8
SEED CONSULTANTS SC11BR86			124.6	21.2	100.0	0.5	55.3
SO. STATES 842RR2/YGCB			122.5	22.1	100.0	0.0	52.5
LATE CHECK	138.1	124.0	118.8	20.3	94.4	0.0	56.6
LATE AVERAGE	161.3	141.1	139.0	20.2	99.5	0.1	55.3
LSD (0.10)	11.7	9.7	12.4	1.7	0.5	3.9	4.4
CV			6.4	5.9	2.8	424.2	5.7

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 12M. Yield Summary, 2006, Medium Average  
(113-117 Days to Maturity), Brandenburg.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
ADLER 8215YGCB/RR			197.7*	20.5	100.0	0.5	57.3
BECKS 7916CBRR			189.7*	20.3	100.0	0.5	58.8
DEKALB DKC63-46(RR2/YGCB)			186.5*	15.7	100.0	0.0	56.6
CROWS 5131B			184.6*	19.9	100.0	0.5	58.8
CAVERNDALE CF884		161.9*	182.7*	19.6	100.0	0.0	57.5
DEKALB DKC64-81(YGCB)			182.5*	18.7	100.0	0.0	59.7
STEYER 1153 YGCB		167.1*	182.1*	18.5	100.0	1.0	59.9
TRISLER 5337RRCB			181.4*	20.5	100.0	0.0	58.7
AGRIGOLD A6633BT		160.5*	179.7*	17.0	100.0	0.0	60.1
SOUTHERN STATES 791CL			179.6*	19.3	100.0	0.0	57.9
DYNA-GRO 57P16			179.2*	15.8	100.0	0.0	56.1
SEED CONSULTANTS SC11BR46			178.7*	16.9	100.0	0.0	56.2
PIONEER BRAND 33P70(YGCB/RR2)			177.9*	19.1	100.0	0.0	57.2
CAVERNDALE CF889 RR2/YGCB			173.7*	21.8	100.0	0.0	57.8
SEED CONSULTANTS 11B77			173.5	15.9	100.0	0.0	57.1
PIONEER BRAND 33Y45		162.6*	173.5	18.0	100.0	1.0	57.3
CROPLAN GENETICS 731HX/LL			173.1	17.6	100.0	0.0	55.8
CROWS 5301R			172.5	16.1	100.0	0.0	55.4
SOUTHERN STATES 777RR2YGPL			171.1	20.0	99.5	0.0	57.1
DEKALB DKC64-23(RR2/YGRW)			171.1	16.8	100.0	0.0	60.3
TRISLER 5338RRCB			170.5	17.2	100.0	0.0	56.8
BELLE 1525R		157.5*	169.9	19.5	100.0	0.5	57.0
DYNA-GRO 57P01			169.5	15.8	100.0	0.0	58.7
AX1143			169.2	16.7	100.0	0.0	59.6
LASER L-9H63Bt			169.1	16.5	100.0	0.0	58.5
EXSEGEN ES414	167.8*	150.2	168.4	19.3	100.0	1.0	59.0
SEED CONSULTANT SC11B65			168.1	19.2	100.0	0.0	58.2
DYNA-GRO 57P12		151.1	168.0	21.4	100.0	0.0	58.5
WYFFELS W8251(YGPL/RR)			168.0	17.1	100.0	0.0	60.5
CROWS 5176S			165.9	18.4	100.0	0.0	57.5
STEYER 1152 YGCB		151.3	164.6	20.1	100.0	0.0	59.4
SEED CONSULTANTS SC11H76			164.1	21.2	100.0	0.0	55.7
CAMPBELL SEED 7110R2		157.4*	164.1	19.3	100.0	0.0	57.3
DEKALB DKC67-23(RR2/YGCB)			163.9	19.7	100.0	0.0	57.5
BO-JAC 9527			163.8	16.4	100.0	0.0	57.1
BELLE 1533Y		163.8*	163.8	19.7	100.0	0.5	53.3
VIGORO BRAND V5570			163.3	15.8	100.0	0.5	58.7
SEED CONSULTANTS SC11RR56			162.4	18.5	100.0	0.0	57.8
DEKALB DKC66-23(RR2/YGCB)			161.0	18.7	100.0	0.0	58.5
GARST 8350YG1	169.6*	145.2	160.6	17.0	100.0	0.0	58.8
SEED CONSULTANTS SC11B40	167.6*	147.3	160.5	17.6	100.0	0.0	57.5
AGRIGOLD A6647RR			160.1	19.3	100.0	0.0	56.1
MEDIUM CHECK	164.4*	147.1	159.7	16.7	100.0	0.0	59.7
SEED CONSULTANTS SC11BR45			159.5	20.0	100.0	0.0	57.4
BELLE 1545RY		141.7	158.9	19.6	100.0	0.0	59.0
BECKS 5816CBRR			158.4	16.9	100.0	0.0	56.2
TRISLER 06-06CB			156.8	22.0	100.0	0.0	58.6
PIONEER BRAND 33M53(RR2)			156.4	18.8	100.0	0.0	58.8
GOLDEN HARVEST H-9251BT			154.8	16.8	100.0	0.0	58.5
BELLE 1747			154.6	20.7	100.0	0.0	56.4
AGRIGOLD A6622		155.6*	154.4	16.1	100.0	0.5	60.0
LG SEEDS LG2615			153.9	15.4	100.0	0.0	54.4
PIONEER BRAND 33R81(YGCB/RR2)			153.2	17.7	100.0	0.0	56.9
SEED CONSULTANTS SC11BR55		153.8*	152.9	17.4	100.0	0.5	57.0
WYFFELS W8171(YGPL/RR)			151.9	16.1	100.0	0.5	55.5
NK-BRAND/N76-D3CBLL		155.5*	151.6	19.0	99.0	0.0	58.9
DEKALB DKC63-74(RR2/YGPL)			150.8	16.5	100.0	0.0	58.6
DYNA-GRO 57P28			150.4	17.5	100.0	0.0	59.5
BIO GENE RR/CB 1163		142.1	150.1	20.0	97.5	0.0	57.1
NK-BRAND/N76-M5 CB/LL			146.5	16.5	100.0	1.0	57.2
LG SEEDS LG2679			143.6	16.1	100.0	0.5	58.2
LG SEEDS LG2640BT			143.4	18.0	100.0	0.0	57.2
AGRIGOLD A6585BT			143.4	17.4	100.0	0.0	56.2
BECKS 6722CBRR			140.6	19.3	100.0	0.0	54.8
WYFFELS W8601(YGPL/RR)			138.3	20.1	100.0	0.0	56.1
LG SEEDS LG2625BT		136.0	138.3	18.7	100.0	0.0	56.9
CROPLAN GENETICS 799BT	168.6*	140.1	137.4	19.1	100.0	0.0	60.1
AGRIGOLD A6522			137.3	15.2	100.0	1.5	57.8
CAMPBELL SEED 7703R2			134.4	20.6	100.0	0.0	57.4
WYFFELS W8365(AGRISURE CB)			132.2	18.1	100.0	0.0	57.3
BO-JAC/TRITON 9896			130.3	19.8	97.5	0.0	58.3
SOUTHERN STATES 783RR2YGCB			110.1	19.9	100.0	0.0	55.5
MEDIUM AVERAGE	167.6	152.4	161.6	18.3	99.9	0.1	57.7
LSD (0.10)	12.1	14.7	24.0	1.5	0.8	1.0	4.8
CV			11.0	6.1	0.8	414.0	6.1

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 13E. Yield Summary, 2006, Early Average  
(112 Days to Maturity or Earlier), Lexington.**

**Agronomic Information**  
**Cooperator**  
 K.A.E.S. Spindletop Farm, Lexington  
 (location 6)  
**Soil Type**  
 Maury Silt Clay Loam  
**Fertilizer (lb/acre)**  
 N .....200  
 P<sub>2</sub>O<sub>5</sub> .....0  
 K<sub>2</sub>O .....100  
**Herbicide**  
 Bicep II, Magnum, Exceed  
**Insecticide**  
 Force 1.5G  
**Planting Dates**  
 May 3, 4  
**Harvest Dates**  
 Oct. 19, 21, 23  
**Previous Crop**  
 soybean  
**Notes**  
 In general, lodging was more notable this year, likely due to the weather conditions. There were no pest problems at this location and weed control was excellent.

**Key:**  
 YLD = Yield  
 MST = Moisture  
 STD = Stand  
 LDG = Lodging  
 TWT = Test Weight

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
LG SEEDS LG2600BT		169.9*	222.1*	19.3	100.0	4.0	53.8
NK-BRAND/N65-C5 CB/LL			221.3*	18.9	100.0	0.5	56.7
DEKALB DKC61-72(RR2)		166.7*	215.7*	19.2	100.0	2.0	55.2
GOLDEN HARVEST H-9006BT	180.7*	160.9*	213.9*	18.0	100.0	0.5	56.7
NK-BRAND/N68-B8 CB/LL			208.5*	19.6	100.0	0.0	56.0
MYCOGEN 2T780(HX1)	180.6*	157.7	208.3*	20.2	100.0	0.0	59.7
SEED CONSULTANTS SC1097			206.8*	18.6	100.0	2.5	61.2
CROWS 5261 R			203.0*	21.4	100.0	0.5	63.5
AGRIGOLD A6474BT			202.8*	20.9	100.0	0.0	62.0
BECKS 5444RR			200.8	18.9	100.0	1.0	59.0
GARST SEED CO. 8450IT	182.9*	155.6	199.7	20.2	100.0	2.0	59.0
ASGROW RX715RR2(RR2)	179.1*	152.0	199.4	18.5	100.0	0.5	56.0
ADLER 4710YGCB			198.9	19.2	99.5	0.0	60.5
GOLDEN HARVEST H-8920		152.9	198.7	20.8	100.0	0.5	56.0
SOUTHERN STATES 647RR2YGCB			195.2	18.9	100.0	1.5	56.0
NK-BRAND/N70-T9 CB/LL/CL	175.9*	149.4	195.1	21.0	100.0	0.5	56.0
CAVERDALE 786RR2/YGCB			194.4	19.4	100.0	0.5	54.5
LG SEEDS LG2597			192.5	18.6	100.0	0.0	59.0
LASER L-8H59BT			191.5	19.3	100.0	1.0	58.2
PIONEER BRAND 34A16(HX1/LL)			190.1	18.5	100.0	0.5	56.7
MYCOGEN 2E762(RR2/YGCB)			189.8	19.5	100.0	1.5	59.0
GOLDEN HARVEST H-9107		149.0	189.4	19.0	100.0	0.5	50.8
MYCOGEN 2H789(CL)	176.8*	153.3	189.3	19.5	100.0	1.5	61.2
CROPLAN GENETICS 643RR2/BT			189.1	18.1	100.0	0.0	59.0
AGRIGOLD XA4526BT			189.1	18.2	100.0	2.0	56.0
CAMPBELL SEED 6790RR2			188.9	20.5	100.0	0.5	62.0
PIONEER BRAND 33N56	180.2*	149.8	188.8	21.5	100.0	0.0	57.5
DYNA-GRO 57P69 RRYG	178.1*	142.5	188.3	19.2	100.0	0.5	50.8
CROPLAN GENETICS 691BT/LL	171.4	142.7	188.1	20.1	100.0	2.5	62.7
VIGORO BRAND V52YR52 (RR2,YGCB)			187.7	18.8	95.5	0.5	55.2
CROWS 4981 R			187.1	19.7	100.0	1.5	58.2
WYFFELS W7389			186.9	18.4	98.5	1.6	58.2
STEYER 2386 YGCB			185.9	20.4	99.0	2.6	59.0
NK-BRAND/N71-R7			185.7	18.6	100.0	0.0	54.5
DEKALB DKC61-45(RR2/YGCB)	175.9*	145.0	184.2	18.4	100.0	0.0	56.0
MYCOGEN 2H747			184.0	21.8	100.0	0.0	62.7
DEKALB DKC60-19(RR2/YGCB)	171.3	139.5	179.9	18.8	100.0	1.0	57.5
CAMPBELL SEED 6120			179.7	18.9	100.0	1.0	57.5
BIOGENE BG82NO7			176.3	22.4	100.0	1.0	62.0
AGRIGOLD A6457			175.2	17.9	100.0	1.0	59.7
SEED CONSULTANTS SC1124A	167.0	140.1	172.4	20.1	100.0	0.5	60.5
DEKALB DKC61-22(RR2)			167.7	18.8	100.0	1.5	55.2
CROPLAN GENETICS 697HX/LL/CL			166.9	20.7	100.0	0.5	60.4
VIGORO BRAND V52Y61 (RR2,YGCB)			164.9	19.3	97.5	0.0	52.3
AGRIGOLD A6395BTRWRR			160.1	17.7	100.0	0.0	54.5
ASGROW RX679RR2			159.9	19.0	100.0	0.5	58.2
BIOGENE BGLL/HX 1129			158.8	20.4	97.0	2.0	50.0
EARLY CHECK	158.4	123.2	156.9	21.3	100.0	1.5	53.8
EARLY AVERAGE	175.3	150.0	189.2	19.5	99.7	0.9	57.5
LSD (0.10)	9.9	10.6	19.3	1.6	2.5	2.1	8.5
CV			7.5	6.2	1.6	197.3	10.8

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 13W. Yield Summary, 2006, White Average  
(113-117 Days to Maturity), Lexington.**

**Table 13L. Yield Summary, 2006, Late Average  
(118 Days to Maturity or Later), Lexington.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 33G58			158.9*	17.9	100.0	0.5	56.0
PIONEER BRAND 33B10	152.8*	127.1	157.6*	20.7	97.0	2.1	56.0
ZIMMERMAN 1863W		126.4	155.6*	19.6	100.0	4.5	55.2
PIONEER BRAND 32R38		131.6*	151.3	20.5	100.0	3.0	56.0
PIONEER BRAND 33V62	151.4*	134.2*	148.3	18.5	100.0	1.5	56.0
TN 506			146.2	21.3	100.0	2.0	57.5
AGRIGOLD 6537W	138.1	119.4	143.9	19.3	100.0	3.0	56.7
AGRIGOLD A6587W		122.6	143.0	19.0	99.0	2.6	56.7
MEDIUM CHECK	145.7*	125.5	139.4	19.6	100.0	1.5	54.5
ZIMMERMAN 1851W	132.4	114.2	134.5	19.9	100.0	5.6	56.7
ZIMMERMAN 1713W	123.5	109.9	131.6	19.1	96.5	1.1	55.2
ZIMMERMAN 1714W		112.6	126.3	17.7	100.0	2.0	56.7
WHITE AVERAGE	140.7	122.3	144.7	19.4	99.4	2.5	56.1
LSD (0.10)	8.6	6.4	7.5	1.1	2.1	2.6	2.5
CV			3.7	4.1	1.9	59.8	3.2

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 31G71(HX/LL/RR2)			206.1*	20.0	95.5	1.1	53.8
CAVERDALE CF1015ARR2			184.0	21.3	100.0	1.5	56.7
PIONEER BRAND 31D58			181.5	22.1	92.9	1.3	56.0
VIGORO BRAND V58Y41(BTYG)	170.4*	152.6*	181.5	21.5	100.0	1.0	56.0
GARST 8294YG1	170.0*	145.6*	179.5	20.8	100.0	1.0	54.5
SEED CONSULTANTS SC11BR86			178.5	20.7	100.0	3.0	54.5
PIONEER BRAND 31P41			174.1	21.2	100.0	1.0	56.7
AGRIGOLD 6710BTRR			173.5	23.0	100.0	0.5	55.2
SEED CONSULTANTS SC11BR96			172.3	22.8	100.0	1.5	56.0
DEKALB DKC69-68(RR2/YGWR)			168.8	22.7	100.0	2.5	56.7
LATE CHECK	152.3	130.6	162.9	22.4	98.5	1.0	56.0
SO. STATES 842RR2/YGCB		133.2	159.9	23.2	100.0	2.0	54.5
LATE AVERAGE	164.2	140.5	176.9	21.8	98.9	1.5	55.6
LSD (0.10)	8.5	9.3	13.6	1.5	2.0	5.6	3.2
CV			5.5	5.0	4.0	98.8	4.1

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 13M. Yield Summary, 2006, Medium Average  
(113-117 Days to Maturity), Lexington.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06	
PIONEER BRAND 33P70(YGCB/RR2)			196.5*	22.0	100.0	1.0	59.7	
DEKALB DKC63-46(RR2/YGCB)			193.7*	19.0	100.0	0.5	53.8	
BECKS 5816CBRR			190.5*	19.6	99.0	0.0	54.5	
AGRIGOLD A6633BT		145.8*	190.2*	19.9	100.0	0.0	53.8	
PIONEER BRAND 33Y45		146.2*	189.3*	21.0	100.0	0.5	59.0	
DEKALB DKC67-23(RR2/YGCB)			189.1*	19.6	100.0	0.0	58.2	
CROPLAN GENETICS 799BT	186.1*	150.7*	189.1*	20.1	100.0	1.5	57.5	
PIONEER BRAND 33M53(RR2)			187.6*	20.8	99.5	0.5	56.7	
LG SEEDS LG2625BT		142.0*	187.5*	20.5	100.0	2.0	56.7	
DYNA-GRO 57P16			187.4*	16.8	100.0	0.0	59.0	
CROWS 5176S			187.0*	18.6	100.0	0.5	55.2	
LASER HARVEST L-9H63BT			186.6*	20.0	100.0	0.5	55.2	
BECKS 7916CBRR			185.5*	22.6	100.0	0.0	57.5	
CROWS 5301R			185.3*	18.3	98.5	0.0	54.5	
LG SEEDS LG2679			184.5*	19.6	100.0	0.0	56.0	
PIONEER BRAND 33R81(YGCB/RR2)			183.7*	20.7	100.0	0.0	58.2	
SEED CONSULTANTS SC11BR45			183.6*	21.8	100.0	0.5	56.0	
SOUTHERN STATES 783RR2YGCB			183.5*	20.2	100.0	0.0	53.8	
BELLE 1533Y		143.5*	182.1*	21.4	100.0	0.5	55.2	
BELLE 1747			181.7*	20.2	100.0	0.0	55.2	
DEKALB DKC66-23(RR2/YGCB)			181.3*	19.9	100.0	0.0	57.5	
CAMPBELL SEED 7110R2		145.0*	181.1*	22.0	100.0	0.0	57.5	
LG SEEDS LG2640BT			181.1*	20.6	100.0	0.5	56.7	
AX1143			180.6*	19.3	95.5	0.0	55.2	
CAVERNDALE CF884	138.6		180.2*	21.4	97.0	0.0	56.0	
BIO GENE RR/CB 1163			143.4*	179.8*	20.6	100.0	0.0	60.5
GARST 8350YG1	179.0*	143.5*	179.7*	20.2	100.0	0.0	56.7	
DYNA-GRO 57P01			179.6*	18.2	100.0	0.5	57.5	
BELLE 1545RY		147.6*	179.5*	21.7	100.0	0.0	58.2	
GOLDEN HARVEST H-9251BT			179.5*	18.7	100.0	0.0	55.2	
BO-JAC 9527			179.4*	19.6	100.0	0.5	53.0	
BELLE 1525R		137.0	178.6	20.9	100.0	0.5	58.2	
DEKALB DKC64-81(YGCB)			178.2	20.0	100.0	0.0	54.5	
TRISLER 5337RRCB			177.9	20.4	100.0	0.0	53.0	
TRISLER 5338RRCB			177.8	19.8	99.5	0.0	54.5	
STEYER 1152 YGCB		137.3	177.7	21.2	100.0	0.0	56.7	
DYNA-GRO 57P12		143.0*	176.2	20.5	100.0	0.5	56.7	
MEDIUM CHECK	172.4	141.0*	175.9	19.3	100.0	1.5	56.0	
BECKS 6722CBRR			175.8	21.6	100.0	0.0	53.0	
AGRIGOLD A6522			175.6	17.9	100.0	0.0	54.5	
SEED CONSULTANTS SC11BR46			175.2	19.4	100.0	1.5	56.0	
CROPLAN GENETICS 731HX/LL			175.1	20.5	100.0	0.0	55.2	
SEED CONSULTANTS SC11B40	173.9	146.5*	174.9	18.3	100.0	1.0	54.5	
NK-BRAND/N76-M5 CB/LL			174.7	20.3	100.0	0.0	50.8	
DYNA-GRO 57P28			174.6	18.1	100.0	0.5	56.7	
TRISLER 06-06CB			174.2	22.3	100.0	0.0	54.5	
AGRIGOLD A6647RR			173.8	20.4	100.0	1.0	56.0	
AGRIGOLD A6622		145.8*	173.2	18.7	100.0	2.0	54.5	
WYFFELS W8601 (YGPL/RR)			173.1	21.0	100.0	0.5	53.0	
WYFFELS W8171(YGPL/RR)			172.1	20.3	100.0	0.0	52.3	
CROWS 5131B			172.0	21.4	100.0	0.0	53.0	
CAVERNDALE CF889 RR2/YGCB			170.6	22.9	100.0	1.0	54.5	
SOUTHERN STATES 777RR2YGPL			169.4	21.7	100.0	0.0	53.8	
CAMPBELL SEED 7703R2			168.8	21.9	100.0	0.0	53.8	
NK-BRAND/N76-D3CBLL		135.0	168.7	21.4	100.0	1.5	55.2	
SEED CONSULTANTS 11B77			168.6	19.3	99.5	0.0	53.0	
ADLER 8215YGCB/RR			167.3	20.2	100.0	0.5	53.8	
SEED CONSULTANTS SC11H76			165.5	21.8	99.5	0.0	55.2	
SEED CONSULTANTS SC11RR56			164.8	20.3	100.0	0.5	54.5	
WYFFELS W8365(AGRISURE CB)			164.7	18.9	100.0	0.0	53.8	
EXSEGEN ES414	179.2*	140.5*	164.3	21.0	98.5	0.0	54.5	
LG SEEDS LG2615			163.9	19.3	98.5	0.5	53.8	
AGRIGOLD A6585BT			163.0	19.7	100.0	0.5	54.5	
SEED CONSULTANTS SC11BR55		127.5	162.5	20.5	100.0	0.5	56.0	
VIGORO BRAND V5570			161.9	20.2	100.0	1.0	55.2	
WYFFELS W8251(YGPL/RR)			161.7	19.2	100.0	0.0	55.2	
BO-JAC/TRITON 9896			160.1	21.6	98.5	0.5	57.5	
SEED CONSULTANTS SC11B65			159.9	18.0	95.5	0.6	56.0	
SOUTHERN STATES 791CL			157.6	20.1	100.0	1.0	56.0	
DEKALB DKC64-23(RR2/YGRW)			157.2	20.7	100.0	1.0	54.5	
STEYER 1153 YGCB		125.5	155.3	17.8	100.0	0.0	56.7	
DEKALB DKC63-74(RR2/YGPL)			152.0	19.2	100.0	0.5	54.5	
MEDIUM AVERAGE	178.1	141.3	175.8	20.2	99.7	0.4	55.5	
LSD (0.10)	8.6	10.9	17.1	1.8	1.3	2.1	3.6	
CV			7.2	6.6	1.6	235.5	4.8	

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 14E. Yield Summary, 2006, Early Average  
(112 Days to Maturity or Earlier), Quicksand.**

**Agronomic Information**

**Cooperator**  
Robinson Forest Station, Quicksand  
(location 7)

**Soil Type**  
Philo Silt Loam

**Fertilizer (lb/acre)**  
N ..... 160  
P<sub>2</sub>O<sub>5</sub> ..... 0  
K<sub>2</sub>O ..... 0

**Herbicide**  
Bicep II, Roundup, Callisto

**Insecticide**  
Force 1.5G

**Planting Dates**  
May 9

**Harvest Dates**  
Oct. 12, 13

**Previous Crop**  
wheat

**Notes**  
In general, lodging was more notable this year, likely due to the weather conditions. This location had no damage due to south-western Corn borer. There was excellent weed control.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
DEKALB DKC61-45(RR2/YGCB)	181.3*	189.1*	191.4*	17.1	100.0	0.5	54.8
DEKALB DKC61-22(RR2)			190.9*	16.4	100.0	1.0	57.6
GOLDEN HARVEST H-8920		192.3*	190.2*	17.1	100.0	0.0	55.5
ASGROW RX715RR2(RR2)	186.2*	181.7*	188.5*	16.8	100.0	0.0	56.9
BECKS 5444RR			186.3*	16.4	100.0	0.0	57.6
LG SEEDS LG2597			184.8*	16.4	100.0	0.5	55.5
SOUTHERN STATES 647RR2YGCB			183.4*	15.9	100.0	0.0	60.4
AGRIGOLD A6457			183.0*	16.4	100.0	0.5	61.1
SEED CONSULTANTS SC1124A	179.6*	180.3*	182.9*	18.7	100.0	0.0	58.3
VIGORO BRAND V52YR52 (RR2,YGCB			182.1*	15.3	100.0	0.5	56.2
NK-BRAND/N68-B8 CB/LL			181.3*	16.8	100.0	0.0	57.6
LG SEEDS LG2600BT		184.6*	181.3*	16.5	100.0	0.0	56.2
PIONEER BRAND 33N56	181.9*	179.6*	180.9*	17.5	100.0	0.0	56.2
MYCOGEN 2T780(HX1)	181.2*	180.1*	180.1*	17.0	100.0	0.0	59.0
CAMPBELL SEED 6790RR2			180.0*	18.4	100.0	0.0	61.1
CROWS 5261 R			179.5*	17.9	100.0	1.0	55.5
SEED CONSULTANTS SC1097			179.1*	16.5	100.0	2.0	56.9
NK-BRAND/N71-R7			178.7*	17.3	100.0	0.0	58.3
CROPLAN GENETICS 691BT/LL	177.7*	171.9	178.6*	18.0	100.0	0.0	58.3
DYNA-GRO 57P69 RRYG	171.2	165.1	176.1*	16.9	100.0	0.0	56.2
GOLDEN HARVEST H-9006BT	169.0	175.8	175.7*	17.0	100.0	0.0	54.1
GOLDEN HARVEST H-9107		170.0	175.7*	16.2	100.0	0.0	55.5
AGRIGOLD A6474BT			175.1*	17.5	100.0	0.0	55.5
CROPLAN GENETICS 697HX/LL/CL			174.9*	16.7	100.0	0.5	56.9
DEKALB DKC61-72(RR2)		181.6	174.3*	16.5	100.0	0.0	57.6
CROPLAN GENETICS 643RR2/BT			173.5*	17.8	100.0	0.0	61.8
MYCOGEN 2H747			173.1*	17.0	100.0	0.0	55.5
PIONEER BRAND 34A16(HX1/LL)			172.4*	16.7	100.0	0.0	60.4
NK-BRAND/N65-C5 CB/LL			172.3*	16.2	100.0	0.0	55.5
BIOGENE BGLL/HX 1129			171.6*	15.8	100.0	1.0	59.0
CAVERNDALE 786RR2/YGCB			168.6	16.4	100.0	1.0	57.6
ASGROW RX679RR2			166.5	15.7	100.0	0.0	56.9
WYFFELS W7389			165.0	17.2	100.0	1.0	58.3
MYCOGEN 2H789(CL)	172.9*	164.8	164.5	17.0	100.0	1.0	59.7
GARST SEED CO. 8450IT	176.6*	168.2	163.0	16.9	100.0	0.0	54.8
CAMPBELL SEED 6120			162.9	16.2	100.0	1.0	56.9
ADLER 4710YGCB			162.0	15.6	100.0	0.5	57.6
LASER L-8H59BT			161.5	17.1	100.0	0.0	58.3
DEKALB DKC60-19(RR2/YGCB)	161.7	154.6	160.4	17.4	100.0	0.5	58.3
CROWS 4981 R			159.0	17.6	100.0	1.0	57.6
NK-BRAND/N70-T9 CB/LL/CL	167.0	168.9	157.9	18.0	100.0	0.5	57.6
MYCOGEN 2E762(RR2/YGCB)			157.0	16.6	100.0	0.0	57.6
STEYER 2386 YGCB			154.9	16.8	100.0	0.0	57.6
VIGORO BRAND V52Y61 (RR2,YGCB)			152.8	16.2	99.0	0.0	57.6
BIOGENE BG82NO7			152.0	16.8	98.0	0.5	54.8
AGRIGOLD A6455BT			149.5	16.4	100.0	0.0	55.5
EARLY CHECK	150.3	151.6	145.4	16.5	100.0	0.5	54.8
AGRIGOLD A6395BTRWRR			139.6	16.3	100.0	0.0	56.2
EARLY AVERAGE	173.6	174.1	171.7	16.8	99.9	0.3	57.3
LSD (0.10)	13.4	13.6	20.2	1.0	1.2	0.8	3.5
CV			8.7	4.4	0.6	271.3	4.4

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 14L. Yield Summary, 2006, Late Average  
(118 Days to Maturity or Later), Quicksand.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 31G71(HX/LL/RR2)			192.9*	21.3	100.0	0.0	56.9
PIONEER BRAND 31P41			189.1*	20.9	99.5	0.0	57.6
PIONEER BRAND 31D58			187.2*	21.1	100.0	0.0	55.5
SO. STATES 842RR2/YGCB		179.5	182.6	22.8	100.0	0.0	54.8
CAVERNDALE CF1015ARR2			181.5	21.0	100.0	0.0	57.6
GARST 8294YG1	191.3*	190.3*	178.0	22.0	100.0	0.0	55.5
DEKALB DKC69-68(RR2/YGRW)			177.5	23.0	100.0	0.5	59.7
VIGORO BRAND V58Y41(BTYG)	186.0*	181.3*	177.5	20.2	100.0	0.0	54.1
SEED CONSULTANTS SC11BR96			176.0	21.2	100.0	0.0	57.6
SEED CONSULTANTS SC11BR86			170.2	21.9	100.0	0.0	55.5
AGRIGOLD 6710BTRR			157.8	24.1	100.0	0.0	58.3
LATE CHECK	155.5	159.1	149.8	24.0	93.4	0.0	55.5
LATE AVERAGE	177.6	177.6	176.7	22.0	99.4	0.0	56.5
LSD (0.10)	7.4	9.1	10.2	1.0	0.4	3.2	2.6
CV			4.1	3.2	2.3	599.9	3.2

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 14W. Yield Summary, 2006, White Average  
(113-117 Days to Maturity), Quicksand.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06	
PIONEER BRAND 33G58			165.4*	18.3	100.0	0.0	56.3	
AGRIGOLD A6587W			155.1	154.3*	21.7	99.5	0.5	54.9
PIONEER BRAND 33B10	167.6*	160.3*	149.4*	20.8	100.0	0.0	55.6	
PIONEER BRAND 32R38			170.3*	137.8	22.0	100.0	0.0	52.7
PIONEER BRAND 33V62	170.8*	159.7*	135.3	18.6	100.0	0.5	54.1	
ZIMMERMAN 1851W	164.6*	156.2	134.7	20.9	100.0	0.0	53.4	
ZIMMERMAN 1714W			154.3	134.6	19.8	100.0	0.0	54.1
ZIMMERMAN 1863W			153.7	134.0	22.0	100.0	0.0	51.9
MEDIUM CHECK	167.3*	149.4	130.6	19.8	100.0	0.0	54.9	
TN 506			124.8	22.8	100.0	0.5	54.1	
ZIMMERMAN 1713W	155.9	143.8	124.3	19.0	100.0	0.0	56.3	
AGRIGOLD 6537W	157.9	144.5	123.2	19.7	100.0	0.0	56.3	
WHITE AVERAGE	164.0	154.7	137.4	20.4	100.0	0.1	54.6	
LSD (0.10)	9.8	11.3	16.0	1.0	0.6	0.4	4.2	
CV			8.3	3.6	0.3	346.4	5.4	

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.



**Table 14M. Yield Summary, 2006, Medium Average  
(113-117 Days to Maturity), Quicksand.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
PIONEER BRAND 33R81(YGCB/RR2)			197.4*	20.2	100.0	0.0	53.8
AX1143			191.0*	18.8	95.5	0.0	56.7
BELLE 1533Y		190.1*	190.8*	21.1	100.0	0.0	59.7
CROPLAN GENETICS 799BT	186.6*	183.9*	189.8*	18.9	100.0	0.0	54.5
CAVERNDALE CF884		191.5*	188.5*	19.5	100.0	0.0	55.2
SEED CONSULTANTS SC11BR55		188.2*	187.9*	19.5	100.0	0.0	57.5
GARST 8350YG1	187.4*	187.6*	184.4*	19.2	100.0	0.0	54.5
EXSEGEN ES414	178.4*	180.8*	184.0*	20.0	100.0	0.0	56.7
BO-JAC 9527			182.8*	19.5	100.0	0.0	59.0
BECKS 6722CBRR			181.1*	20.0	100.0	0.0	53.8
AGRIGOLD A6647RR			180.0*	20.4	100.0	0.0	55.2
PIONEER BRAND 33P70(YGCB/RR2)			180.0*	20.9	100.0	0.0	58.2
TRISLER 5337RRCB			179.7*	17.8	100.0	0.0	58.2
CROWS 5131B			178.1*	18.5	100.0	0.0	61.2
BELLE 1747			177.5*	20.5	100.0	0.0	54.5
TRISLER 06-06CB			177.3*	19.8	100.0	0.0	54.5
BELLE 1525R		189.4*	176.7*	20.5	100.0	0.5	56.7
SEED CONSULTANTS SC11H76			176.6*	20.9	100.0	0.0	60.5
SOUTHERN STATES 783RR2YGCB			176.2*	21.2	100.0	0.0	60.5
SEED CONSULTANTS SC11BR45			175.9*	18.9	100.0	0.0	57.5
DEKALB DKC66-23(RR2/YGCB)			175.8	20.6	100.0	0.0	59.7
DYNA-GRO 57P12		162.9	175.1	20.2	100.0	0.0	56.0
TRISLER 5338RRCB			173.9	19.5	100.0	0.0	56.0
AGRIGOLD A6622		186.6*	172.8	18.8	100.0	0.5	57.5
CROPLAN GENETICS 731HX/LL			172.4	19.2	100.0	0.0	56.0
CAMPBELL SEED 7110R2		185.6*	172.2	19.5	100.0	0.0	53.8
BECKS 7916CBRR			171.7	22.9	100.0	0.0	60.5
WYFFELS W8365(AGRISURE CB)			170.9	19.3	100.0	0.0	62.7
CAMPBELL SEED 7703R2			169.6	20.0	100.0	0.0	53.8
STEYER 1152 YGCB		183.6*	169.5	19.0	100.0	0.0	53.0
MEDIUM CHECK	169.5	164.1	169.5	20.0	100.0	0.0	59.0
PIONEER BRAND 33Y45		185.7*	169.5	20.4	100.0	0.0	54.5
LG SEEDS LG2625BT		175.0	169.3	20.5	100.0	0.0	58.2
CAVERNDALE CF889 RR2/YGCB			168.9	19.5	100.0	0.0	56.7
WYFFELS W8251(YGPL/RR)			167.9	19.5	100.0	0.0	58.2
DEKALB DKC64-23(RR2/YGRW)			167.8	17.4	100.0	0.0	59.0
CROWS 5176S			167.5	18.4	100.0	0.0	60.5
LG SEEDS LG2640BT			167.0	20.0	100.0	0.0	60.5
DEKALB DKC67-23(RR2/YGCB)			166.5	19.7	100.0	0.0	60.5
SOUTHERN STATES 777RR2YGPL			166.0	19.7	100.0	0.5	58.2
BIO GENE RR/CB 1163		173.8	165.9	18.8	100.0	0.0	60.5
SEED CONSULTANTS SC11B40	170.3	173.9	165.4	20.3	100.0	0.0	53.8
BECKS 5816CBRR			165.3	18.7	100.0	0.0	59.7
SEED CONSULTANTS SC11B65			165.2	20.9	100.0	0.0	56.7
AGRIGOLD A6633BT		179.5*	164.8	19.0	100.0	0.0	55.2
VIGORO BRAND V5570			164.7	19.6	100.0	0.0	53.8
SEED CONSULTANTS SC11BR46			163.9	18.0	100.0	0.0	54.5
AGRIGOLD A6585BT			163.5	20.7	100.0	0.5	59.0
DYNA-GRO 57P01			161.5	19.4	100.0	0.0	55.2
CROWS 5301R			161.2	17.5	100.0	0.0	56.7
LASER L-9H63Bt			161.0	18.7	100.0	0.0	56.0
SEED CONSULTANTS SC11RR56			160.8	19.5	100.0	0.0	56.7
LG SEEDS LG2615			160.7	18.7	100.0	0.0	61.2
BELLE 1545RY		176.2	160.6	20.4	100.0	0.0	52.3
WYFFELS W8171(YGPL/RR)			160.3	19.5	100.0	0.0	58.2
DEKALB DKC63-46(RR2/YGCB)			160.0	18.6	100.0	0.0	53.8
GOLDEN HARVEST H-9251BT			160.0	19.1	100.0	0.0	60.5
DEKALB DKC64-81(YGCB)			159.8	20.1	100.0	0.5	59.0
NK-BRAND/N76-M5 CB/LL			159.5	20.2	100.0	0.0	53.8
ADLER 8215YGCB/RR			159.2	20.4	100.0	0.0	56.0
SEED CONSULTANTS 11B77			159.1	18.9	100.0	0.0	56.7
PIONEER BRAND 33M53(RR2)			158.9	19.7	100.0	0.5	56.7
NK-BRAND/N76-D3CBLL		163.9	158.8	21.2	100.0	0.0	53.8
STEYER 1153 YGCB		178.7*	158.7	21.4	100.0	0.0	57.5
DEKALB DKC63-74(RR2/YGPL)			157.7	20.4	100.0	0.0	53.8
WYFFELS W8601 (YGPL/RR)			157.6	18.9	100.0	1.0	56.0
DYNA-GRO 57P28			154.3	18.9	100.0	0.0	53.8
AGRIGOLD A6522			151.1	18.4	100.0	1.0	56.7
LG SEEDS LG2679			151.1	20.1	100.0	0.5	55.2
DYNA-GRO 57P16			150.4	20.5	99.0	0.0	59.0
BO-JAC/TRITON 9896			149.2	21.2	100.0	0.0	53.8
SOUTHERN STATES 791CL			148.4	19.0	99.0	0.0	53.8
MEDIUM AVERAGE	178.4	180.1	168.9	19.7	99.9	0.1	56.8
LSD (0.10)	11.9	13.6	21.5	1.6	0.5	0.7	3.5
CV			9.4	6.1	0.6	517.4	4.5

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 15A. Yield Summary, 2006, TC High Oil Average  
(113-117 Days to Maturity), Benton.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
AGRIGOLD A6474TC			203.9*	14.0	90.4	0.5	59.4
WYFFELS W7185	159.0*	155.1*	193.5*	13.6	93.8	1.8	58.9
WYFFELS W5546		157.2*	188.2	13.5	88.3	0.0	59.7
AGRIGOLD A6445TC	159.9*	154.3*	183.8	14.4	92.1	0.0	58.5
WYFFELS W7355TC	165.1*	152.3*	182.2	14.2	85.8	1.9	60.7
AGRIGOLD 6490TC	163.5*	151.6*	182.0	15.1	82.9	0.5	59.4
AGRIGOLD A6395 TC	160.3*	144.7	175.1	13.9	85.4	1.5	58.4
TC HIGH OIL AVERAGE	161.6	152.5	186.9	14.1	88.4	0.9	59.3
LSD (0.10)	9.0	10.4	13.5	0.8	1.2	5.9	2.6
CV			5.0	3.9	4.6	96.5	3.0

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 15B. Yield Summary, 2006, TC High Oil Average  
(113-117 Days to Maturity), Lexington.**

BRAND/HYBRID	YLD BU/A 04-06	YLD BU/A 05-06	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
AGRIGOLD A6474TC			146.2*	15.2	85.4	2.9	57.5
WYFFELS W7185	135.4*	104.9*	131.3	13.1	82.9	4.5	54.5
WYFFELS W7355TC	140.0*	105.5*	126.9	15.0	85.0	4.0	57.5
WYFFELS W5546		107.2*	126.7	14.2	83.8	3.1	59.0
AGRIGOLD 6490TC	140.6*	106.4*	125.5	14.8	76.3	6.4	55.2
AGRIGOLD A6445TC	127.9	104.9*	124.5	14.2	82.5	4.8	57.5
AGRIGOLD A6395 TC	141.5*	103.1*	122.4	13.8	83.8	3.0	56.0
TC HIGH OIL AVERAGE	137.1	105.4	129.1	14.3	82.8	4.1	56.7
LSD (0.10)	7.8	7.2	9.6	1.2	3.7	9.9	3.3
CV			5.1	5.9	8.2	61.7	3.9

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 15C. Annual Summary, 2006, TC High Oil  
(113-117 Days to Maturity), All Locations.**

BRAND/HYBRID	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06
AGRIGOLD A6474TC	175.1*	14.6	87.9	1.7	58.5
WYFFELS W7185	162.4	13.4	88.3	3.1	56.7
WYFFELS W5546	157.4	13.9	86.0	1.5	59.3
WYFFELS W7355TC	154.5	14.6	85.4	2.9	59.1
AGRIGOLD A6445TC	154.1	14.3	87.3	2.4	58.0
AGRIGOLD 6490TC	153.8	15.0	79.6	3.4	57.3
AGRIGOLD A6395 TC	148.7	13.9	84.6	2.2	57.2
HIGH OIL AVERAGE	158.0	14.2	85.6	2.5	58.0
LSD (0.10)	8.0	0.7	1.9	5.6	2.0

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 15D. Two-Year Summary, 2005-06, TC High Oil  
(113-117 Days to Maturity), Two Locations.**

<b>BRAND/HYBRID</b>	<b>YLD BU/A 05-06</b>	<b>MST % 05-06</b>	<b>STD % 05-06</b>	<b>LDG % 05-06</b>	<b>TWT LB/BU 05-06</b>
WYFFELS W5546	132.2*	12.8	88.1	1.6	55.8
WYFFELS W7185	130.0*	12.5	89.3	2.9	54.1
AGRIGOLD A6445TC	129.6*	13.3	88.3	2.8	54.7
AGRIGOLD 6490TC	129.0*	13.8	84.7	3.1	55.5
WYFFELS W7355TC	128.9*	13.7	88.2	3.8	56.4
AGRIGOLD A6395 TC	123.9	13.3	87.5	2.7	54.8
<b>HIGH OIL AVERAGE</b>	128.9	13.2	87.7	2.8	55.2
<b>LSD (0.10)</b>	6.2	0.6	1.3	3	1.1

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 15E. Three-Year Summary, 2004-06, TC High Oil  
(112 Days to Maturity or Earlier), Two Locations.**

<b>BRAND/HYBRID</b>	<b>YLD BU/A 06</b>	<b>MST % 06</b>	<b>STD % 06</b>	<b>LDG % 06</b>	<b>TWT LB/BU 06</b>
WYFFELS W7355TC	152.6*	14.0	86.2	3.0	56.2
AGRIGOLD 6490TC	152.1*	14.0	83.8	2.3	55.6
AGRIGOLD A6395 TC	150.9*	13.5	85.7	2.6	54.7
WYFFELS W7185	147.2*	13.2	86.6	2.7	54.3
AGRIGOLD A6445TC	143.9	13.7	83.0	2.2	54.3
<b>HIGH OIL AVERAGE</b>	149.3	13.7	85.1	2.6	55.0
<b>LSD (0.10)</b>	5.9	0.5	1.0	2.5	0.8

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

**Table 15F. Annual Summary, 2006 TC High Oil,  
Chemical Composition, Lexington.**

<b>BRAND/HYBRID</b>	<b>PROTEIN</b>	<b>OIL</b>	<b>STARCH</b>
AGRIGOLD 6490TC	12.9	8.3	63.7
AGRIGOLD A6395 TC	11.4	7.3	66.2
AGRIGOLD A6445TC	11.5	7.6	65.5
AGRIGOLD A6474TC	11.8	7.7	65.7
WYFFELS W5546	12.6	8.2	64.4
WYFFELS W7185	13.7	8.0	63.9
WYFFELS W7355TC	12.4	8.8	63.6
<b>HIGH OIL AVERAGE</b>	12.3	8.0	64.7

Note: To convert to 15% moisture, multiply values by .85.

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

**Table 16. Annual Summary, 2006, Ethanol Hybrids, Chemical Composition  
(113-117 Days to Maturity), Three Locations.**

BRAND/HYBRID	YLD BU/A 06	MST % 06	STD % 06	LDG % 06	TWT LB/BU 06	CHEMICAL COMPOSITION***			
						ETHYLD GAL/BU**	PROTEIN	OIL	STARCH
LG SEEDS LG2640BT	181.5*	15.7	100.0	7.2	56.8	2.859	8.3	3.9	73.2
ADLER 3105	178.2*	15.5	100.0	18.7	59.7	2.608	11.8	4.2	70.8
WYFFELS W8603(YGCB)	176.6*	17.1	100.0	15.3	56.9	2.803	8.6	4.2	72.6
DEKALB DKC64-81(YGCB)	175.7*	16.5	100.0	10.3	57.7	2.794	8.8	3.9	72.8
GOLDEN HARVEST H-9006BT	175.0*	15.0	100.0	5.7	55.5	2.750	9.1	4.3	71.7
BECKS 6722CBRR	174.9*	17.3	100.0	4.2	56.3	2.767	9.3	4.3	71.9
GARST SEED CO. 8450IT	173.8*	16.3	99.7	7.6	55.3	2.707	9.5	3.6	72.4
GARST 8380IT	173.4*	16.2	100.0	11.1	56.9	2.713	10.0	3.5	72.1
AX1143	173.1*	15.6	99.7	12.2	55.2	2.729	9.2	4.8	71.0
STEYER 1152 YGCB	172.8	16.7	100.0	4.0	56.0	2.807	8.6	4.2	72.6
CAMPBELL SEED 7110R2	172.7	17.0	100.0	10.6	56.1	2.743	9.6	4.1	71.8
SEED CONSULTANTS SC11BR45	170.9	17.4	99.7	7.9	57.9	2.781	9.2	4.2	72.1
DEKALB DKC61-72(RR2)	170.7	15.3	100.0	12.3	55.7	2.749	9.8	4.4	71.4
AGRIGOLD A6622	170.2	16.3	100.0	12.6	57.3	2.743	11.0	4.5	70.9
ADLER 5010YGCB	170.1	16.4	99.2	20.7	57.1	2.690	11.5	4.6	69.8
CAMPBELL SEED 7703R2	169.6	17.2	100.0	12.0	56.3	2.754	9.5	4.2	72.1
WYFFELS W8720	167.4	15.7	100.0	11.4	56.8	2.735	10.0	4.0	71.8
AGRIGOLD A6647RR	166.9	16.9	100.0	4.6	58.3	2.803	9.7	4.1	72.0
BECKS 5444RR	166.8	15.0	100.0	4.9	55.7	2.722	10.1	4.6	71.3
PIONEER BRAND 31G68	166.2	16.7	99.5	6.9	56.1	2.735	9.2	4.0	72.1
SOUTHERN STATES 783RR2YGCB	166.1	17.3	100.0	11.8	58.7	2.754	9.8	4.5	70.9
GOLDEN HARVEST H-9251BT	165.2	15.3	100.0	1.9	57.0	2.850	9.2	3.6	73.1
EARLY CHECK	164.1	15.3	100.0	9.4	54.7	2.703	9.2	4.0	72.8
EXSEGEN ES414	163.6	16.8	99.7	26.9	55.4	2.792	8.2	4.3	72.3
STEYER 1153 YGCB	160.9	16.7	100.0	11.1	56.1	2.745	10.2	4.1	71.3
SEED CONSULTANTS SC11BR55	159.8	16.2	99.8	21.5	56.1	2.682	10.5	3.9	70.9
MEDIUM CHECK	157.5	16.6	100.0	18.5	55.7	2.714	11.3	4.1	70.7
MYCOGEN 2H789(CL)	157.5	16.6	100.0	17.0	55.7	2.676	11.6	3.7	71.4
EXSEGEN ES112	156.7	15.0	100.0	16.5	54.3	2.706	9.5	4.1	71.6
PIONEER BRAND 33N56	156.5	16.4	99.7	18.2	56.0	2.742	9.6	4.3	71.8
LG SEEDS LG2679	153.6	16.1	100.0	19.5	56.6	2.695	12.0	4.5	70.2
SO. STATES 842RR2/YGCB	139.0	18.1	100.0	22.7	55.9	2.732	9.0	4.2	71.6
ETHANOL AVERAGE	167.1	16.3	99.9	12.4	56.4	2.743	9.8	4.1	71.7
CV						0.53			
LSD (0.10)	8.4	0.6	13.0	0.5	1.5	0.01			

\* In any column, a hybrid mean that is followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

\*\* Ethanol yield is reported as gallons of anhydrous ethanol per standard bushel of corn (56 lbs. at 15.5% moisture).

\*\*\* Chemical Composition data from hand pollinated samples at Lexington Location.

Note: Protein, Oil and Starch reported on DB (dry basis).

**Key:**  
YLD = Yield  
MST = Moisture  
STD = Stand  
LDG = Lodging  
TWT = Test Weight

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