

2002 Kentucky Hybrid Corn Performance Test

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The objective of the Kentucky Hybrid Corn Performance Test is to provide unbiased 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 2002 data are 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 these multiple-year averages and the averages over locations (Tables 4E-1YR, 4E-2YR 4E-3YR, 5M-1YR, 5M-2YR, 5M-3YR, 6L-1YR, 6L-2YR, 6L-3YR, 7W-1YR, 7W-2YR and 7W-3YR) since these are better estimates of a hybrid's 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. The testing procedures do not provide a suitable comparison between a hybrid grown at one location in one maturity group test with another grown at a different location and of the same or different maturity group test. Hybrids are grouped into early, medium, late, and white maturity groups based on days-to-maturity classifications provided by the parent company. Also, those hybrids that yield equally as high as the highest yielding hybrid, based on statistical evaluation, are indicated by an asterisk. See the sections on *Maturity Comparisons* and *Experimental Design and Mean Comparisons* for more detail.

Testing Procedure

Selection of Hybrids

The hybrids chosen for testing are those most likely to be available for sale in 2003. Seed of each commercial hybrid (Table 2) was obtained from the sponsoring company. Each company was given the opportunity to enter hybrids into the early (112 days to maturity or earlier), medium (113 to 117 days to maturity), late (118 days to maturity or later), and/or white (112 to 118 days to maturity) tests. The days-to-maturity classifications were made by the parent companies.

Location of Tests

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

Cultural Practices

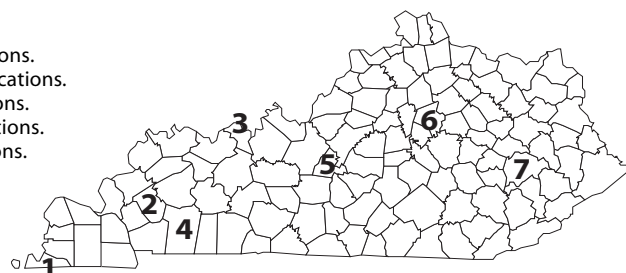
Test locations in Princeton, Hopkinsville, Fulton, Lewisport, Hodgenville, and Lexington were planted no-till in soybean residues. The Quicksand test was planted in conventionally tilled seedbeds following a cover crop of rye. Fertilizer was applied as indicated by soil tests.

All test areas were treated with herbicide(s) and supplemented by post-emergence cultivation and/or 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.

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Locations of the 2002 Hybrid Corn Performance Test



E=Early, M-Medium, L=Late, W=White

Experimental Design and Mean Comparisons

Each hybrid was grown in three replications at each location to sample uncontrollable variability of soil types, fertility, and other factors. Annual mean yields presented in the tables are averages of three replications at the test site, while two-year and three-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.

Small differences in yield are usually of little importance. The yield of two varieties at a single location may differ because of chance factors (difference in soil characteristics, fertility, or availability of moisture) even though the inherent yielding ability is the same. To decide if an observed yield difference is real, use the LSD (least significant difference) provided at the bottom of the tables. If the difference in yield is greater than the LSD value, you may be reasonably certain that the entries actually do differ in yield ability. Consider the following example:

Variety	Yield (bu/ac)
A	135
B	125
C	110

LSD (0.10) = 12.0

The deviation between variety A and variety B is 10 bu/ac ($135 - 125 = 10$). The difference is smaller than the LSD (12 bu/ac). We can thus infer with reasonable confidence that variety A and variety B have the same yield in this test. However, the difference between variety A and variety C is 25 bu/ac ($135 - 110 = 25$), which is larger than the LSD (12 bu/ac). Therefore, we can infer that variety A yielded more than variety C in this test. "N.S." in the tables indicates that no statistically significant differences were determined. The LSD is calculated for an alpha level of 0.10. For your convenience, an asterisk has been placed alongside those yield means that are not significantly different from the highest yield mean in that column. This comparison indicates that those means followed by an asterisk do not differ by more than one LSD.

The C.V. expresses the amount of variation as a percentage of the hybrid mean. A low C.V. indicates little unexplained variation and more precise results.

Planting

All plots were planted with a two-row, no-till planter modified for small plot work. The planter boxes were replaced by modified planting cones that allowed planting of a specified number of kernels per plot. Each plot consisted of two rows 30 inches apart and 22 feet long. Each plot was planted with 40 seeds per row. When seedlings were 12 to 18 inches tall, the plots were thinned to 33 plants per row, which equals a plant population of 26,000 plants per acre.

Harvesting

All plots were harvested with a MF 8-XP two-row corn combine. Both rows of each two-row plot were picked and shelled. The grain weight and moisture content of each plot was measured with an electronic scale and moisture meter mounted on

the combine. Data from each test location were temporarily stored in a portable data-logging device prior to transfer to a computer at Lexington. Yields were calculated for grain at 56 pounds per bushel and adjusted to 15.5% moisture. Test weight was also provided by the electronic weighing device. 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 immediately prior to harvest. Also at harvest, selected plots were observed to indicate apparent European corn borer damage by counting the number of broken tops per plot (personal communication, Dr. Ric Bessin, Department of Entomology, University of Kentucky). The most severe indications of Southwestern and some European corn borer damage (> 50% broken tops) were observed at the Princeton, Lewisport, Fulton, and Lexington locations. The least damage was observed at the Hopkinsville, Hodgenville, and Quicksand locations (5% to 15% broken tops). In general, Bt hybrids had less apparent corn borer damage than non-Bt hybrids.

Chemical Analysis of the Early, Medium, and Late Tests

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 Lexington¹ using Near Infrared Reflectance Spectroscopy (NIRS). The NIRS analysis provided evaluation of protein, starch, and oil and is presented in Table 8 for grain at 0% moisture.

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

High Oil Tests

High oil hybrid blends (TC High Oil Blend®) were tested at three locations. The yield and composition information will be useful to farmers feeding high oil (high energy) grain to livestock and to those participating in the high oil, value-added grain market. The tests had nine entries at three locations with three replications per location. The Lexington location was dropped due to high variation (> 20%). The two-location average yield data are available in Table 16C.

A 20- to 25-plant hand-pollinated sample from each replication of the Lexington test was analyzed for chemical composition. The grain was analyzed using NIRS by Wei Chen in the Grain Quality Laboratory, located in the Biosystems and Agricultural Engineering Building at the University of Kentucky, under the direction of Dr. Michael Montross. The chemical composition values presented in Table 16F are given for grain at 0% moisture.

¹ The Grain Quality Laboratory is a service provided by the University of Kentucky Agronomy Department with funding from the Kentucky Corn Growers Association.

Maturity Comparisons

The division of the Kentucky Hybrid Corn Performance Test into four tests—early, medium, late, and white maturities—was to provide evaluations of the four maturity group hybrids without competition biases. The four tests were grown at every location for a total of 28 tests.

The early maturity hybrid group in Table 4E, and all subsequent “E” tables, includes those hybrids rated by the parent seed company to mature in 112 days or earlier.

The medium maturity hybrid group in Table 4M, and all subsequent “M” tables, includes those hybrids rated by the parent seed company to mature in 113 to 117 days.

The late maturity hybrid group in Table 4L, and all subsequent “L” tables, includes those hybrids rated by the parent seed company to mature in 118 days or later.

The white maturity hybrid group in Table 4W, and all subsequent “W” tables, includes those hybrids rated by the parent seed company to mature in 112 to 118 days.

The open-pedigree hybrids were included in each early, medium, and late test, respectively, to provide an internal evaluation of hybrid maturity. The seed of these hybrids was obtained from Illinois Foundation Seeds Inc., at Champaign, Illinois.

Notes about the 2002 Growing Season

Fulton (Fulton County)

The Fulton County test was planted on April 10 and 11. The test was thinned on May 30. Plant populations were affected by cold soil temperatures, especially in the medium test where the second replication was dropped. The weed control was good throughout the growing season. The previous crop was soybeans. Southwestern corn borers (> 50%) caused some damage to the entire crop. There was also a high oil test at this location.

Princeton (Kentucky Agricultural Experiment Station, Research and Education Center, Caldwell County)

The Princeton test was planted on April 18 in soybean residue and thinned on June 7. Weed control was good during the entire season. This location had considerable damage due to Southwestern corn borers (> 50%) but little injury due to European corn borer.

Hopkinsville (Christian County)

The Hopkinsville test was planted on April 19 and thinned on June 6. Weed control was good, with giant ragweed coming on late in the growing season. This location had little or no damage due to Southwestern corn borer (< 10%).

Lewisport (Hancock County)

The Hancock County test was planted late on May 22 in soybean residue and thinned on June 25. There were no weed problems during the growing season. A high oil test was also grown at this location. This location had both European and Southwestern corn borer damage (> 50%).

Hodgenville (LaRue County)

The Hodgenville test was planted no-till in soybean crop residue on April 16 and thinned on May 31. Weed control was good during most of the growing season with some late-season weeds coming on. There were no disease problems but some damage due to Southwestern corn borer (20%).

Lexington (Kentucky Agricultural Experiment Station, Spindletop Research Farm, Fayette County)

The Lexington test was planted on April 24. The early and national white corn tests were replanted on May 24 because of frost damage. The medium, late, and white tests were thinned on June 12. The early and national white tests were thinned on June 24. A high oil test was also grown at this location. This location had excellent weed control during the entire season. There was damage due to Southwestern and European corn borer (> 50%). The early and TC high oil tests were dropped due to variation higher than 20%.

Quicksand (Kentucky Agricultural Experiment Station, Robinson Substation, Breathitt County)

The Quicksand test was planted on May 16 and thinned on June 26. Early-season weed control and seedling emergence were excellent for most plots. This location had minimal cultivation to break up the soil, which was packed due to heavy rainfall in May. This location had little or no lodging and excellent rainfall during the entire growing season. This location had minimal damage due to Southwestern corn borer (< 15%).

Note

All Western Kentucky locations were observed for potential problems during the months of June, July, and August. Eastern Kentucky locations were checked on several occasions during the growing season. Several locations suffered reduced yields due to extreme drought conditions during the growing season.

Acknowledgments

The authors sincerely appreciate the efforts of the Kentucky Corn Growers Association in helping us upgrade plot equipment. A MF 8-XP combine was leased to the corn project at minimal cost by the Kentucky Corn Promotion Council of the Kentucky Corn Growers Association. This combine contributed to improved accuracy of the data, which is reflected in lower C.V.s. This combine uses a data collection system that provides test weight data along with yield and moisture.

The authors are also grateful to Dr. Michael Montross, Wei Chen (research analyst), and the Kentucky Corn Growers Association for the Grain Quality Laboratory, which processed more than 900-grain samples, and to the following farmer-cooperators who not only provided land for testing but also helped with the tests throughout the growing season: Rob and Robert Garrigan and family of Fulton, Jim Shelton of Hopkinsville, David Ragland and family of Hodgenville, and Steve and Shelby Emmick and family of Lewisport.

The authors also acknowledge the statistical and programming support of Dr. Paul L. Cornelius and Danny Walls of University of Kentucky Agronomy Department.

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

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- Donnie Davis, Superintendent, and Royce Burchett, Farm Manager, Research and Education Center, Princeton
- David Ditsch, Superintendent, and William Bowling, Farm Manager, Robinson Substation, Quicksand
- Dennis Duross, Communications Specialist, Agricultural Communications Services, University of Kentucky, Lexington
- Cam Kenimer, Extension Agent, Fulton
- James Stone, Extension Agent, Hopkinsville
- Diane Perkins, Extension Agent, Hancock County
- David Harrison, Extension Agent, Elizabethtown

Table 1—PRECIPITATION AT TEST LOCATIONS, 2002.

Month	Days	Location						
		Fulton	Princeton	Lewisport	Hodgenville	Lexington	Quicksand	Hopkinsville
April	1-8	0.55	0.19	0.13	0.04	0.08	0.03	0.51
	9-16	2.70*	2.58	2.37	0.90*	0.79	0.97	2.06
	17-24	1.20	2.36*	2.22	0.79	1.35*	0.93	0.19*
	25-30	0.60	0.59	3.48	1.81	3.14	1.91	4.23
	Total	5.05	5.72	8.20	3.54	5.36	3.84	6.99
May	1-8	0.45	1.66	2.39	1.53	1.48	2.41	2.50
	9-16	2.50	3.26	3.76	1.62	1.54	1.28*	2.05
	17-24	2.00	2.23	2.12*	2.81	0.66	1.42	1.22
	25-31	1.40	1.89	0.66	0.33	0.14	0.01	0.88
	Total	6.35	9.04	8.93	6.29	3.82	5.12	6.65
June	1-8	0.50	0.80	0.85	0.48	1.31	1.66	1.44
	9-16	2.55	0.36	2.37	1.88	0.82	0.90	1.25
	17-24	0.15	0.00	0.00	0.00	0.00	0.54	0.01
	25-30	0.65	0.72	0.86	2.33	0.55	1.51	0.28
	Total	3.85	1.88	4.08	4.69	2.68	4.61	2.98
July	1-8	0.00	0.74	0.00	0.30	0.01	0.30	0.39
	9-16	3.25	0.86	0.00	3.50	0.74	2.39	0.35
	17-24	0.10	0.41	1.49	1.31	1.01	1.95	1.01
	25-31	0.50	0.12	0.64	0.43	0.17	0.50	0.00
	Total	3.85	2.13	2.13	5.54	1.93	5.14	1.75
August	1-8	0.00	0.00	0.04	0.00	0.39	0.00	0.00
	9-16	2.10	1.41	1.49	1.67	0.85	0.34	0.24
	17-24	0.40	0.03	1.51	1.44	0.48	1.30	0.38
	25-31	0.40	0.62	0.08	0.34	1.20	0.19	0.18
	Total	2.90	2.06	3.12	3.45	2.92	1.83	0.80
Sept	1-8	0.00**	0.00	0.00	0.00	0.00	0.00	0.00
	9-16	0.60	0.43	0.76	2.36**	1.26**	0.45	0.21**
	17-24	3.20	2.47**	1.58**	1.93	1.53	1.87	1.42
	25-30	3.10	3.30	3.08	4.36	2.65	3.94**	3.30
	Total	6.90	6.20	5.42	8.65	5.44	6.26	4.93
Grand Total		28.90	27.03	31.88	32.16	22.15	26.80	24.10

* Planted.

** Harvested in September. All others harvested in October.

Table 2—HYBRIDS TESTED IN 2002.

	Hybrid	Test+	Color	Days to Maturity++	Source
Adler Seeds	3300CF	M	Yellow	113	Adler Seed 6085 W 550 N Sharpsville, IN 46068
	3755BT	M	Yellow	113	
Agrigold	A6545	E	Yellow	112	RR#1 Box 203 St. Francisville, IL 62460
	A6445	E	Yellow	109	
	A6490CL	E	Yellow	112	
	A6434	E	Yellow	108	
	A6490Bt	M	Yellow	113	
	A6607	M	Yellow	114	
	A6710Bt	M	Yellow	117	
	A6729Bt	L	Yellow	118	
Beck's	6262CB	E	Yellow	112	Beck's Superior Hybrids 6767 E. 276th Street Atlanta, IN 46031
	5422	E	Yellow	110	
	7997CB	M	Yellow	115	
	6918W	W	White	114	
	5727TC	HO	High Oil		
	5322TC	HO	High Oil		
Bio Gene	BG 1112(YG)	E	Yellow	111	Bio Gene 5491 Tri County Hwy. Sardinia, OH 45171
	BG 1130	M	Yellow	113	
	BT 1150(YG)	M	Yellow	115	
	BG 1152(YG)	M	Yellow	115	
	BT 4220(YG)	M	Yellow	117	
Bo-Jac	2820H0	HO	High Oil		Bo-Jac Hybrid Corn Co. 245 1500th Avenue Mount Pulaski, IL 62548
Caverndale Farms	CF862	M	Yellow	116	Caverndale Farms, Inc. 1921 Bluegrass Road Danville, KY 40422
	CF968Bt	M	Yellow	117	
Croplan Genetics	631	E	Yellow	109	Land O' Lakes Croplan Genetics P.O. Box 146 Blytheville, AR 72316-0146
	691Bt	E	Yellow	111	
	747	M	Yellow	113	
	678CL	M	Yellow	113	
	671Bt/CL	M	Yellow	113	
	818Bt	M	Yellow	116	
	DS822RR	L	Yellow	118	
Crow's	5165B	M	Yellow	113	Crow's Hybrid Corn Co. P.O. Box 157 Kentland, IN 47951
	C5150	M	Yellow	113	
	C5360	M	Yellow	113	
Dyna-Gro	5545	E	Yellow	111	UAP Mid-South 57 Germantown Court Suite 200 Cordova, TN 38018
	5467RR	M	Yellow	113	
	5555RR	M	Yellow	114	
	57P35 Bt/RR	M	Yellow	118	
Exsegen	ES112	E	Yellow	111	Miles Seed P.O.Box 22879 Owensboro, KY 42304
	ES312	M	Yellow	113	
	ES210W	W	White	112	
	Wyffels W6570	E	Yellow	110	
	Wyffels W730	E	Yellow	112	
	Wyffels W8210	M	Yellow	114	
	Wyffels 8273	M	Yellow	114	
	Wyffels W5546	HO	High Oil	108	
	Wyffels W6985	HO	High Oil	111	
	Wyffels W7355	HO	High Oil	112	

+ E=Early Test, M=Medium Test, L=Late Test, W=White Test, and HO=High Oil Test
 ++ Data provided by seed companies

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Table 2—HYBRIDS TESTED IN 2002 (continued)

	Hybrid	Test+	Color	Days to Maturity++	Source
Garst	8442	E	Yellow	111	Garst Seed Co. 7728 State Road 1241 Hickory, KY 42051
	8348	M	Yellow	115	
	8288	M	Yellow	117	
Gateway	9411Bt	E	Yellow	111	Gateway Seed Company 5517 VanBuren Road Nashville, IL 62263
	1411Bt	E	Yellow	111	
	4151	M	Yellow	115	
	1615CL	M	Yellow	115	
Golden Harvest	H-9231	E	Yellow	112	Golden Harvest R.R. 3, Box 257 Clinton, IL 61727
	H-9247Bt	M	Yellow	113	
	H-9364	M	Yellow	114	
	H-9471	M	Yellow	114	
	H-9504	M	Yellow	116	
L G Seeds	LG2540	E	Yellow	108	LG Seeds, Inc. 22827 Shissler Rd. Elmwood, IL 61529
	LG2585	E	Yellow	111	
	LG2601	M	Yellow	113	
	LG2622	M	Yellow	114	
	LG2699CL	M	Yellow	115	
	LG2696	M	Yellow	116	
Monsanto	Dekalb DKC60-09(RR/YG)	E	Yellow	110	Monsanto 3100 Sycamore Rd. Dekalb, IL 60115
	Dekalb DKC61-25(YG)	E	Yellow	111	
	Dekalb DKC62-15	E	Yellow	112	
	Dekalb DKC64-10(RR)	M	Yellow	114	
	Dekalb DKC66-50	M	Yellow	116	
	Asgrow RX740(RR)	M	Yellow	113	
	Asgrow RX772	M	Yellow	114	
	Dekalb DK697	L	Yellow	119	
Mycogen	7474	E	Yellow	112	Mycogen Seeds 9330 Zionsville Rd. Indianapolis, IN 46268
	2833Bt	M	Yellow	115	
	2A791	M	Yellow	116	
Pfister Hybrids	2550	E	Yellow	111	Pfister Hybrid Corn Co. 187N.Fayette St. El Paso, IL 61738
	3030Bt	M	Yellow	113	
	3977Bt	M	Yellow	115	
	SK2550-19	H0	High Oil	111	
	SK3977-19	H0	High Oil	115	
Pioneer Brand	34B23	E	White	108	Pioneer Hi-Bred Int'l 6767 Old Madison Pike Suite 110 Huntsville, AL 35806
	34B97	E	Yellow	109	
	34B24(YG)	E	Yellow	110	
	33G26	E	Yellow	112	
	33P67(YG)	M	Yellow	114	
	33J57(YG)	M	Yellow	114	
	33R77	M	Yellow	114	
	32K64(YG)	M	Yellow	114	
	32W86	M	Yellow	114	
	32H58	M	Yellow	116	
	31G98	L	Yellow	117	
	31A13(YG)	L	Yellow	118	
	33T17(W)	W	White	113	
	32A85(WH)	W	White	115	
	32T78(WH)	W	White	116	
34B25	H0	High Oil			
Royster Clark	Vigoro Brand V5110	E	Yellow	111	Royster-Clark Inc. 70 N.Market St. Mt.Sterling OH 43143
	Vigoro Brand V5800	M	Yellow	115	
	Vigoro Brand V55Y21Bt	M	Yellow	115	
	Vigoro Brand V5520	M	Yellow	115	

+ E=Early Test, M=Medium Test, L=Late Test, W=White Test, and H0=High Oil Test
 ++ Data provided by seed companies

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Table 2—HYBRIDS TESTED IN 2002 (continued)

	Hybrid	Test+	Color	Days to Maturity++	Source
Seed Consultants	SC10R92	E	Yellow	109	Seed Consultants, Inc. P.O. Box 370 648 Miami Trace Rd. SW Washington Court House OH 43160-0370
	SC1133	E	Yellow	110	
	SC1140	M	Yellow	113	
	SC11BR62	M	Yellow	116	
Southern States	SS670Bt	E	Yellow	110	Southern States Coop. P.O. Box 26234 Richmond, VA 23260
	SS692Bt	E	Yellow	111	
	SS732	M	Yellow	115	
	SS740	M	Yellow	115	
	SS842RR	M	Yellow	115	
	SS849CL	M	Yellow	117	
Stine Seeds	9616Bt	E	Yellow	109	Stine Seeds Co. 2225 Lare Trail Adel, IA 50003
	9614Bt	E	Yellow	111	
Syngenta Seeds	NK-BRAND N63-G7	E	Yellow	110	Syngenta Seeds 7500 Olson Memorial Hwy. Golden Valley, MN 55427
	NK-BRAND N65-M7	E	Yellow	111	
	NK-BRAND N68-K7	E	Yellow	112	
	NK-BRAND N70-A2	E	Yellow	112	
Zimmerman	W7812	W	White	116	Wilson Genetics, L.L.C. (Zimmerman Brand) P.O. Box 391 Harlan, IA 51537
	1851W	W	White	118	
	W7901	W	White	118	
K.A.E.S.	Early Check	E	Yellow	112	Illinois Found. Seeds, Inc. P.O. Box 722 Champaign, IL 61820
	Medium Check	M	Yellow	115	
	Late Check	L	Yellow	119	

+ E=Early Test, M=Medium Test, L=Late Test, W=White Test, and H0=High Oil Test
 ++ Data provided by seed companies

Table 3—AGRONOMIC INFORMATION FOR 2002 TEST LOCATIONS.

Location and Cooperator	Soil Type	Fertilizer lb/acre	Herbicide	Insecticide	Planting Dates	Harvest Dates
1) Fulton, KY Rob Carrigan Farm	Calloway Silt Loam	N -225 P ₂ O ₅ -100 K ₂ O - 0	Harness Basis Gold Gramoxone	Warrior T Force 1.5G	April 10 &11	Sept. 04 &05
2) Princeton, KY Western Kentucky Res. & Ed. Center	Huntington Silt Loam	N -185 P ₂ O ₅ - 0 K ₂ O -105	Bicep II Magnum Gramoxone	Force 1.5G	April 18	Sept. 16
3) Lewisport, Ky Shelby Emmick Farm	Wheeling Loam	N -185 P ₂ O ₅ - 92 K ₂ O -120	Harness Extra Aatrex Pounce	Force 1.5G	May 22	Sept. 23 &24
4) Hopkinsville, Ky Jim Shelton Farm	Pembroke	N -170 P ₂ O ₅ - 70 K ₂ O - 60	Atrazine Roundup	Force 1.5G	April 19	Sept. 11
5) Hodgenville, KY David Ragland Farm	Nicholson	N -160 P ₂ O ₅ - 0 K ₂ O - 0	Roundup Atrazine	Warrior Force 1.5G	April 16	Sept. 09
6) Lexington, KY K.A.E.S. Spindletop Farm	Woolper Silt Clay Loam	N -185 P ₂ O ₅ - 0 K ₂ O - 0	Bicep II Magnum Exceed	Force 1.5G	April 24	Sept. 12 &13
7) Quicksand, KY Robinson Forest Station	Philo Silt Loam	N -160 P ₂ O ₅ - 0 K ₂ O - 0	Bicep II Roundup Exceed	Force 1.5G	May 16	Sept. 30 &Oct. 01

Table 4E—ANNUAL SUMMARY, 2002, EARLY HYBRIDS (112 Days to Maturity or Earlier), SIX LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 34B24(YG)	174.8*	13.5	99.1	0.8	55.3
EXSEGEN ES112	171.1*	12.4	98.6	1.7	53.8
PIONEER BRAND 34B23	167.8*	12.6	99.4	0.7	55.7
SEED CONSULTANTS SC10R92	164.0	12.9	98.8	0.9	53.5
NK BRAND N65-M7	160.0	13.0	98.4	1.2	53.5
SEED CONSULTANTS SC1133	159.9	13.4	98.9	0.7	53.1
NK BRAND N63-G7	159.7	12.4	99.0	0.5	54.1
AGRIGOLD A6445	159.7	13.3	99.3	0.9	53.5
AGRIGOLD A6490CL	159.7	13.8	99.3	1.4	55.1
PIONEER BRAND 34B97	159.2	12.3	99.7	1.5	55.6
DEKALB DKC62-15	159.2	13.3	99.1	1.4	54.3
WYFFELS W6570	159.0	12.9	98.6	0.7	53.1
PFISTER 2550	157.8	13.6	99.1	0.9	55.4
CROPLAN GENETICS 631	157.7	12.9	100.0	0.8	53.0
DEKALB DKC60-09(RR/YG)	156.0	11.8	100.0	0.7	54.2
GATEWAY 9411Bt	155.2	13.0	99.3	0.7	53.5
PIONEER BRAND 33G26	155.0	13.4	97.6	1.7	55.1
GARST 8442	153.7	13.9	100.0	1.2	55.2
LG SEEDS LG2540	153.4	13.2	98.3	1.4	53.5
GOLDEN HARVEST H-9231	153.3	13.1	97.7	1.5	53.0
DYNA-GRO 5545	153.0	12.7	100.0	1.8	53.8
CROPLAN GENETICS 691Bt	152.4	13.7	98.7	0.5	53.3
DEKALB DKC61-25(YG)	152.0	12.9	99.1	0.7	54.0
AGRIGOLD A6434	151.5	12.5	100.0	1.2	53.7
BECK'S 5422	151.2	13.4	99.8	1.3	53.9
WYFFELS W730	150.5	14.0	99.0	0.8	55.1
MYCOGEN 7474	148.9	13.3	97.1	0.9	55.2
STINE 9614Bt	148.4	14.4	94.7	0.8	55.0
STINE 9616Bt	148.3	13.9	98.8	0.9	53.6
GATEWAY 1411Bt	148.2	13.0	95.0	0.3	55.3
BIO GENE BG 1112(YG)	147.9	13.7	97.7	1.0	54.4
LG SEEDS LG2585	147.4	13.4	100.0	1.9	53.8
SO. STATES SS670Bt	147.4	13.8	99.0	2.6	53.4
BECK'S 6262CB	145.8	14.1	98.6	0.6	54.6
SO. STATES SS692Bt	145.3	13.9	99.2	1.0	54.5
NK BRAND N68-K7	144.3	12.8	97.1	0.5	54.4
NK BRAND N70-A2	141.0	13.7	96.0	1.1	55.1
VIGORO BRAND V5110	140.3	13.0	100.0	1.2	53.3
AGRIGOLD A6545	132.9	13.6	96.1	1.6	53.8
EARLY CHECK	130.9	13.3	98.9	1.4	54.3
EARLY AVERAGE	153.1	13.2	98.6	1.1	54.2
LSD (0.10)	10.0	0.7	2.0	1.1	0.7

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

Table 4E—TWO-YEAR SUMMARY 2001-2002, EARLY HYBRIDS (112 Days to Maturity or Earlier), SIX LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 01-02	% MOIST 01-02	% STAND 01-02	TOT % LODGE 01-02	TEST WT LBS/BU 01-02
PIONEER BRAND 34B24 (Bt)	187.6*	14.4	98.9	1.2	55.7
PIONEER BRAND 34B23	186.6*	13.1	99.0	2.0	55.8
EXSEGEN ES112	183.8*	13.3	99.3	2.3	54.2
NK BRAND N63-G7	177.5	12.4	98.9	0.9	54.4
GATEWAY 9411Bt	177.5	13.9	99.7	0.8	54.0
AGRIGOLD A6445	176.7	13.8	98.5	1.7	54.0
SO. STATES SS670Bt	174.2	14.0	98.9	1.9	53.9
PIONEER BRAND 33G26	173.6	13.9	98.4	1.2	55.7
LG SEEDS LG2585	173.5	13.9	99.8	2.3	54.2
DEKALB DKC61-25(YG)	173.2	13.8	99.3	0.8	54.4
PFISTER 2550	172.6	14.0	99.2	1.6	55.6
SO. STATES SS692Bt	172.3	14.1	98.6	1.3	54.4
BECK'S 5422	170.2	14.4	99.9	1.9	54.0
AGRIGOLD A6545	167.5	14.3	97.9	2.0	54.2
WYFFELS W730	167.4	14.3	98.6	1.9	55.3
VIGORO BRAND V5110	167.2	13.7	99.4	2.5	53.9
MYCOGEN 7474	166.2	13.7	97.6	1.8	55.3
EARLY CHECK	155.3	14.3	97.3	2.4	54.4
EARLY AVERAGE	173.5	13.8	98.8	1.7	54.6
LSD (0.10)	7.1	0.5	1.4	0.8	0.5

Table 4E—THREE-YEAR SUMMARY 2000-2002, EARLY HYBRIDS (112 Days to Maturity or Earlier), FIVE LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 00-02	% MOIST 00-02	% STAND 00-02	TOT % LODGED 00-02	TEST WT LBS/BU 00-02
PIONEER BRAND 34B23	170.4*	13.5	98.8	4.2	56.6
GATEWAY 9411Bt	165.5*	14.3	99.7	2.1	54.9
NK BRAND N63-G7	165.2*	12.7	98.1	2.8	55.0
SO. STATES SS670Bt	164.2*	14.6	98.8	3.0	54.7
PFISTER 2550	163.0	14.2	99.4	4.5	56.4
PIONEER BRAND 33G26	161.7	14.3	97.8	2.5	56.3
BECK'S 5422	160.4	14.5	99.9	5.2	54.2
AGRIGOLD A6545	159.6	14.6	97.1	4.6	54.9
EARLY AVERAGE	163.8	14.1	98.7	3.6	55.4
LSD (0.10)	6.4	0.5	1.3	1.3	0.5

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

Table 5M—ANNUAL SUMMARY, 2002, MEDIUM HYBRIDS (113-117 Days to Maturity), ALL LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
SO. STATES SS740	166.4*	14.9	100.0	1.6	55.6
BIO GENE BG1130	165.8*	15.5	100.0	1.8	55.6
MYCOGEN 2833 Bt	165.1*	14.9	99.1	0.4	53.7
GARST 8288	164.5*	17.2	99.1	0.7	55.5
PIONEER BRAND 32W86	164.0*	15.1	100.0	0.8	56.1
PFISTER 3977Bt	163.6*	17.5	99.2	0.4	54.4
PIONEER BRAND 32H58	163.1*	15.0	99.7	1.2	57.3
PIONEER BRAND 33P67(YG)	162.8*	15.4	100.0	1.1	56.9
PIONEER BRAND 33R77	162.6*	15.5	97.6	1.0	54.3
BIO GENE BG 1152(YG)	161.9*	16.8	98.8	0.1	54.8
DEKALB DKC64-10(RR)	161.3*	13.4	98.9	0.4	54.5
LG SEEDS LG2601	161.0*	15.0	100.0	1.7	56.2
MYCOGEN 2A791	160.9*	15.5	100.0	0.9	54.4
PIONEER BRAND 33J57(YG)	160.4*	13.8	98.6	0.3	55.6
VIGORO BRAND V5800	159.5*	14.9	99.4	1.4	56.1
BIO GENE BG1150(YG)	159.3*	17.9	99.7	0.8	54.2
SEED CONSULTANTS 1140	159.3*	14.7	100.0	1.7	56.0
GOLDEN HARVEST H-9247Bt	159.0*	13.7	98.8	0.4	55.9
AGRIGOLD A6490Bt	159.0*	13.7	98.9	0.2	55.8
AGRIGOLD A6710Bt	158.5*	17.0	99.2	0.3	54.4
LG SEEDS LG2699CL	158.5*	15.7	98.4	0.9	54.9
CROW'S 5165B	158.1*	14.5	98.3	0.3	54.6
PFISTER 3030Bt	158.0*	15.3	99.0	0.5	53.5
ASGROW RX772	157.4*	13.6	99.1	1.2	54.4
LG SEEDS LG2696	156.7*	15.4	98.8	1.1	54.1
AGRIGOLD A6607	156.0	15.3	99.1	2.4	55.7
MEDIUM CHECK	155.8	14.9	98.5	2.0	55.3
SO.STATES SS842RR	155.2	16.0	100.0	1.7	53.4
GATEWAY 4151	154.6	16.4	98.7	0.4	55.0
CROPLAN GENETICS 678CL	154.3	13.9	99.7	0.8	55.6
GARST 8348	154.3	14.7	100.0	1.2	54.2
BIO GENE BT4220(YG)	154.0	16.7	100.0	0.8	55.7
CROPLAN GENETICS 818Bt	153.5	18.3	96.4	0.3	54.6
SOUTHERN STATES SS732	153.5	14.6	96.5	1.8	54.3
VIGORO BRAND V55Y21Bt	152.9	13.8	97.8	0.5	53.4
VIGORO BRAND V5520	152.8	14.4	97.0	1.6	54.3
DYNA-GRO 5467RR	152.4	12.9	98.2	1.1	54.6
GOLDEN HARVEST H-9504	152.3	15.2	100.0	1.8	55.1
WYFFELS 8273	152.1	15.6	97.4	0.8	53.1
ASGROW RX740(RR)	152.1	14.2	100.0	1.5	55.9
EXSEGEN ES312	151.3	12.6	97.8	1.4	54.7
CROPLAN GENETICS 671Bt/CL	151.2	14.6	99.6	0.2	54.5
SO. STATES SS849CL	150.8	16.0	98.6	1.0	52.6
BECK'S 7997CB	150.6	17.9	97.8	0.3	55.1
CAVERNDAL CF968Bt	150.5	16.8	98.1	0.9	55.2
ADLER 3755Bt	150.3	13.8	96.2	0.6	55.7
PIONEER BRAND 32K64(YG)	150.2	13.3	100.0	0.8	56.5
GATEWAY 1615CL	150.1	18.0	97.9	0.9	54.8
CROW'S C5150	150.0	15.1	98.5	1.7	55.8
CROPLAN GENETICS 747	149.8	16.0	98.3	1.0	55.0
GOLDEN HARVEST H-9471	148.8	14.5	100.0	0.8	55.5
DEKALB DKC66-50	147.6	15.0	100.0	1.9	54.3
CROW'S C5360	145.8	14.2	98.5	0.5	54.8
ADLER 3300CF	145.6	14.0	98.2	0.4	55.8
SEED CONSULTANTS SC11BR62	144.7	15.9	95.1	0.6	54.1
LG SEEDS LG2622	142.5	15.3	98.3	0.5	53.5
GOLDEN HARVEST H-9364	142.4	14.0	96.0	1.1	54.3
WYFFELS W8210	140.3	14.8	98.5	0.8	55.6
CAVERNDAL CF862	136.6	14.3	95.5	0.4	54.5
DYNA-GRO 57P35 Bt/RR	135.9	15.8	98.7	0.6	54.8
DYNA-GRO 5555RR	132.6	16.3	99.2	1.0	54.2
MEDIUM AVERAGE	154.1	15.2	98.7	0.9	54.9
LSD (0.10)	10.1	0.6	2.4	0.7	0.7

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

Table 5M—TWO-YEAR SUMMARY 2001-2002, MEDIUM HYBRIDS (113-117 Days to Maturity), SIX LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 01-02	% MOIST 01-02	% STAND 01-02	TOT % LODGED 01-02	TEST WT LBS/BU 01-02
PIONEER BRAND 33R77	181.0*	15.1	98.3	1.8	53.7
PFISTER 3977Bt	180.9*	17.5	99.1	0.5	54.4
GARST 8288	179.9*	16.9	99.3	1.1	55.2
BIO GENE BG1130	178.7*	15.2	99.8	1.7	55.4
VIGORO BRAND V55Y21Bt	178.6*	14.5	98.1	0.4	54.2
VIGORO BRAND V5800	178.1*	14.8	99.1	2.4	55.6
SO. STATES SS740	177.8*	14.9	100.0	2.2	55.1
LG SEEDS LG2601	177.7*	14.8	100.0	2.2	55.7
MYCOGEN 2833 Bt	177.0*	14.9	99.5	1.1	54.3
PIONEER BRAND 33J57(YG)	176.0*	13.8	99.1	0.5	55.0
DEKALB DKC64-10(RR)	175.1*	13.4	99.0	1.3	54.4
PIONEER BRAND 32H58	174.4*	15.5	99.8	2.0	56.3
SO. STATES SS849CL	173.7	16.4	98.8	1.8	53.2
BIO GENE BT4220(YG)	173.7	16.7	99.6	0.4	55.5
SO. STATES SS842RR	173.5	16.6	99.3	1.3	53.8
SEED CONSULTANTS 1140	173.2	14.8	99.7	2.5	55.6
GOLDEN HARVEST H-9247Bt	172.8	14.4	98.2	0.6	55.2
CROW'S C5150	172.2	14.9	99.1	3.0	55.5
VIGORO BRAND V5520	172.2	14.7	98.1	2.2	54.3
MEDIUM CHECK	172.1	14.8	99.1	1.8	55.2
GOLDEN HARVEST H-9471	171.7	14.7	100.0	1.8	55.3
AGRIGOLD A6607	171.3	15.0	99.5	2.3	55.9
GOLDEN HARVEST H-9364	170.2	14.4	97.3	1.7	54.4
LG SEEDS LG2696	169.9	15.9	99.2	1.5	54.3
PIONEER BRAND 32K64(YG)	169.8	13.6	100.0	0.4	56.0
CROW'S C5360	169.0	14.4	99.0	0.8	54.6
GATEWAY 4151	167.1	15.9	98.7	1.4	54.8
DEKALB DKC66-50	167.0	14.7	100.0	1.2	54.0
GOLDEN HARVEST H-9504	166.3	15.1	99.5	1.9	54.9
ASGROW RX740(RR)	164.4	14.3	99.4	1.7	55.2
EXSEGEN ES312	161.7	12.5	97.7	1.2	54.4
CAVERNDAL CF862	159.2	14.3	97.1	0.7	54.0
MEDIUM AVERAGE	172.7	15.0	99.1	1.5	54.9
LSD (0.10)	7.1	0.5	1.6	0.7	0.6

Table 5M—THREE-YEAR SUMMARY 2000-2002, MEDIUM HYBRIDS (113-117 Days to Maturity), FIVE LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 00-02	% MOIST 00-02	% STAND 00-02	TOT % LODGED 00-02	TEST WT LBS/BU 00-02
MYCOGEN 2833 Bt	165.7*	15.0	99.3	2.4	54.7
BIO GENE BT4220	163.1*	16.8	98.3	1.3	56.3
SO. STATES SS849CL	162.1*	16.3	98.9	3.1	53.7
GOLDEN HARVEST H-9471	160.8*	14.8	100.0	3.1	56.0
LG SEEDS LG2696	157.0	16.2	97.8	3.3	54.9
MEDIUM AVERAGE	161.7	15.8	98.7	2.6	55.1
LSD (0.10)	5.7	0.4	1.4	1.0	0.5

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

Table 6L—ANNUAL SUMMARY, 2002, LATE HYBRIDS (118 Days to Maturity or Later), ALL LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 31A13(YG)	168.3*	17.4	99.9	0.7	56.2
PIONEER BRAND 31G98	166.7*	15.5	99.8	1.0	56.6
AGRIGOLD A6729Bt	162.7*	16.6	99.2	0.7	56.0
DEKALB DK697	160.0	17.6	99.9	0.7	55.8
CROPLAN GENETICS DS822RR	150.6	16.0	99.9	0.9	53.8
LATE CHECK	141.4	17.4	98.5	0.6	55.0
LATE AVERAGE	158.3	16.7	99.5	0.8	55.6
LSD (0.10)	7.3	0.8	1.1	0.6	0.8

Table 6L—TWO-YEAR SUMMARY 2001-2002, LATE HYBRIDS (118 Days to Maturity or Later), SIX LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 01-02	% MOIST 01-02	% STAND 01-02	TOT % LODGED 01-02	TEST WT LBS/BU 01-02
PIONEER BRAND 31G98	192.5*	15.6	99.5	1.2	56.1
PIONEER BRAND 31A13(YG)	190.2*	17.9	99.4	0.6	56.0
AGRIGOLD A6729Bt	183.8	17.1	99.4	0.5	55.6
LATE CHECK	166.6	17.5	98.9	0.9	54.9
LATE AVERAGE	183.3	17.0	99.3	0.8	55.7
LSD (0.10)	5.6	0.5	1.0	0.5	0.5

Table 6L—THREE-YEAR SUMMARY 2000-2002, LATE HYBRIDS (118 Days to Maturity or Later), FIVE LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 00-02	% MOIST 00-02	% STAND 00-02	TOT % LODGED 00-02	TEST WT LBS/BU 00-02
PIONEER BRAND 31G98	182.6*	15.3	99.7	3.3	56.9
AGRIGOLD A6729Bt	173.3	17.4	99.6	1.2	56.4
LATE AVERAGE	177.9	16.3	99.6	2.2	56.6
LSD (0.10)	4.1	0.3	0.9	1.0	0.4

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

Table 7W—ANNUAL SUMMARY, 2002, WHITE HYBRIDS (112-118 Days to Maturity), ALL LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
MEDIUM YELLOW CHECK	163.1*	15.5	98.6	0.6	56.5
PIONEER BRAND 33T17(W)	158.6*	14.0	98.4	1.2	56.9
PIONEER BRAND 32T78(WH)	154.5	16.6	96.8	0.8	57.1
ZIMMERMAN 1851W	150.9	19.0	97.0	1.1	54.5
ZIMMERMAN W7901	149.5	21.1	97.8	0.4	54.3
EXSEGEN ES210W	148.7	16.1	97.7	1.3	56.4
ZIMMERMAN W7812	148.6	18.7	99.2	1.0	55.2
BECK'S 6918W	146.6	18.4	98.1	0.8	56.6
PIONEER BRAND 32A85(WH)	140.8	15.1	99.0	1.3	56.9
MEDIUM AVERAGE	151.2	17.2	98.1	0.9	56.1
LSD (0.10)	7.0	0.6	2.0	0.7	0.5

Table 7W—TWO-YEAR SUMMARY 2001-2002, WHITE HYBRIDS (112-118 Days to Maturity), SIX LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 01-02	% MOIST 01-02	% STAND 01-02	TOT % LODGED 01-02	TEST WT LBS/BU 01-02
MEDIUM YELLOW CHECK	176.1*	15.3	99.2	1.3	55.8
PIONEER BRAND 33T17(W)	171.4*	14.4	99.1	1.2	56.1
EXSEGEN ES210W	164.1	16.7	98.5	2.1	55.9
ZIMMERMAN 1851W	163.9	18.3	98.0	1.3	54.1
MEDIUM AVERAGE	168.9	16.1	98.7	1.5	55.5
LSD (0.10)	6.2	0.4	1.2	0.7	0.5

Table 7W—THREE-YEAR SUMMARY 2000-2002, WHITE HYBRIDS (112-118 Days to Maturity), FIVE LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 00-02	% MOIST 00-02	% STAND 00-02	TOT % LODGED 00-02	TEST WT LBS/BU 00-02
PIONEER BRAND 33T17(W)	162.5*	14.6	99.1	3.9	57.1
EXSEGEN ES210W	154.4	16.7	98.6	3.1	56.6
ZIMMERMAN 1851W	152.9	18.4	98.7	3.4	54.9
MEDIUM AVERAGE	156.6	16.6	98.8	3.5	56.2
LSD (0.10)	4.7	0.4	1.0	1.1	0.4

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

**Table 8E—ANNUAL SUMMARY, 2002, EARLY HYBRIDS
CHEMICAL COMPOSITION, SIX LOCATIONS.¹**

Brand/Hybrid	Protein	Oil	Starch
% dry wt.....		
AGRIGOLD A6445	9.5	4.4	67.6
AGRIGOLD A6545	8.2	4.2	69.3
AGRIGOLD A6434	9.0	4.9	68.5
AGRIGOLD A6490CL	9.4	4.9	67.4
BECK'S 5422	8.4	4.2	69.3
BECK'S 6262CB	9.8	4.5	66.1
BIO GENE BG 1112(YG)	9.8	4.5	65.8
CROPLAN GENETICS 631	9.7	4.6	66.6
CROPLAN GENETICS 691Bt	9.2	4.6	66.3
DEKALB DKC60-09(RR/YG)	8.9	4.4	68.5
DEKALB DKC61-25(YG)	10.1	4.6	65.7
DEKALB DKC62-15	9.4	4.4	67.6
DYNA-GRO 5545	8.4	4.4	69.2
EXSEGEN ES112	9.4	4.4	67.0
EARLY CHECK	10.0	4.3	66.3
GARST 8442	9.2	4.9	68.1
GATEWAY 1411Bt	9.4	4.7	67.1
GATEWAY 9411Bt	9.9	4.4	66.7
GOLDEN HARVEST H-9231	8.5	4.4	70.0
LG SEEDS LG2540	8.8	4.8	66.2
LG SEEDS LG2585	9.1	4.5	68.2
MYCOGEN 7474	9.3	4.6	67.8
NK BRAND N63-G7	8.7	4.8	69.0
NK BRAND N65-M7	9.1	4.5	68.3
NK BRAND N68-K7	8.6	4.4	69.2
NK BRAND N70-A2	9.4	4.8	67.1
PFISTER 2550	9.4	4.6	67.4
PIONEER BRAND 33G26	8.9	4.2	66.7
PIONEER BRAND 34B23	9.0	4.0	67.7
PIONEER BRAND 34B24(YG)	9.4	4.2	67.3
PIONEER BRAND 34B97	8.7	4.2	67.9
SEED CONSULTANTS SC10R92	9.4	4.3	67.2
SEED CONSULTANTS SC1133	9.3	4.4	68.8
SO. STATES SS670Bt	9.0	5.0	68.9
SO. STATES SS692Bt	9.4	4.3	67.2
STINE 9614Bt	9.2	3.8	67.8
STINE 9616Bt	8.9	4.3	68.7
VIGORO BRAND V5110	9.5	4.6	66.6
WYFFELS W6570	9.2	4.5	67.4
WYFFELS W730	9.2	4.6	67.7
EARLY AVERAGE	9.2	4.5	67.7
EARLY AVERAGE BY LOCATION			
PRINCETON	8.2	4.3	69.0
LEWISPORT	9.6	4.5	67.5
HOPKINSVILLE	10.0	4.4	67.1
FULTON	8.8	4.5	67.1
QUICKSAND	8.5	4.6	68.1
HODGENVILLE	9.9	4.6	67.5

¹ LEXINGTON DATA NOT INCLUDED.

**Table 8L—ANNUAL SUMMARY, 2002, LATE HYBRIDS
CHEMICAL COMPOSITION, ALL LOCATIONS.**

Brand/Hybrid	Protein	Oil	Starch
% dry wt.....		
AGRIGOLD A6729Bt	9.2	5.1	67.6
CROPLAN GENETICS DS822RR	9.8	4.3	66.7
DEKALB DK697	9.7	4.5	66.8
LATE CHECK	8.6	5.2	66.3
PIONEER BRAND 31A13(YG)	8.9	3.9	67.4
PIONEER BRAND 31G98	9.7	3.8	67.9
LATE AVERAGE	9.3	4.5	67.1
LATE AVERAGE BY LOCATION			
PRINCETON	7.9	4.0	68.6
LEWISPORT	10.1	4.6	66.3
HOPKINSVILLE	10.4	4.4	67.3
FULTON	8.8	4.3	65.3
LEXINGTON	10.0	4.3	66.7
QUICKSAND	8.5	5.0	69.6
HODGENVILLE	9.5	4.7	66.0

**Table 8M—ANNUAL SUMMARY, 2002, MEDIUM HYBRIDS
CHEMICAL COMPOSITION, ALL LOCATIONS.**

Brand/Hybrid	Protein	Oil	Starch
% dry wt.....		
ADLER 3300CF	9.4	4.9	66.8
ADLER 3755Bt	9.6	4.8	66.4
AGRIGOLD A6490Bt	9.5	4.9	67.0
AGRIGOLD A6607	9.5	4.6	67.1
AGRIGOLD A6710Bt	8.5	4.8	67.8
ASGROW RX740RR	9.5	4.6	66.4
ASGROW RX772	8.2	4.1	68.9
BECK'S 7997CB	8.7	5.0	66.1
BIO GENE BG1130	9.9	4.8	66.5
BIO GENE BT4220(YG)	9.2	5.0	67.8
BIO GENE BG 1150(YG)	9.4	4.3	66.0
BIO GENE BG 1152(YG)	9.1	4.9	66.2
CAVERNDAL CF862	9.6	4.8	67.2
CAVERNDAL CF968Bt	9.4	4.9	67.2
CROPLAN GENETICS 671Bt/CL	9.2	4.6	67.3
CROPLAN GENETICS 678CL	9.5	4.9	66.1
CROPLAN GENETICS 747	9.8	5.0	66.6
CROPLAN GENETICS 818Bt	9.5	4.5	66.1
CROW'S 5165B	9.3	4.1	67.2
CROW'S C5150	9.7	4.8	67.0
CROW'S C5360	9.7	4.6	66.1
DEKALB DKC64-10(RR)	9.7	4.3	66.9
DEKALB DKC66-50	8.5	4.4	68.2
DYNA-GRO 5467RR	9.6	4.7	67.1
DYNA-GRO 5555RR	9.6	5.0	66.5
DYNA-GRO 57P35 Bt/RR	10.0	4.7	66.1
EXSEGEN ES312	9.2	4.9	68.2
GARST 8288	8.6	3.8	67.9
GARST 8348	8.9	4.2	68.7
GATEWAY 1615CL	9.6	5.0	67.2
GATEWAY 4151	9.8	4.7	67.0
GOLDEN HARVEST H-9247Bt	9.5	4.7	67.4
GOLDEN HARVEST H-9364	8.2	4.4	68.7
GOLDEN HARVEST H-9471	9.7	4.5	67.2
GOLDEN HARVEST H-9504	10.2	5.0	66.8
LG SEEDS LG2601	9.6	5.0	66.5
LG SEEDS LG2622	9.4	4.6	66.5
LG SEEDS LG2696	8.8	4.4	69.8
LG SEEDS LG2699CL	9.0	4.1	68.8
MEDIUM CHECK	9.7	4.7	67.0
MYCOGEN 2833 Bt	8.8	4.5	69.5
MYCOGEN 2A791	8.8	4.3	69.0
PFISTER 3030Bt	9.5	4.3	67.2
PFISTER 3977Bt	9.7	4.1	65.9
PIONEER BRAND 32H58	9.7	3.9	67.7
PIONEER BRAND 32K64(YG)	9.2	4.3	66.4
PIONEER BRAND 32W86	9.2	3.8	68.2
PIONEER BRAND 33J57(YG)	9.1	3.3	67.7
PIONEER BRAND 33P67(YG)	8.7	3.9	69.1
PIONEER BRAND 33R77	8.3	4.7	68.2
SEED CONSULTANTS 1140	9.4	4.7	67.8
SEED CONSULTANTS SC11BR62	10.3	4.4	66.5
SO. STATES SS740	9.6	4.7	67.6
SO. STATES SS849CL	9.9	4.7	66.7
SO. STATES SS842RR	9.8	4.5	66.2
SOUTHERN STATES SS732	8.3	4.3	69.6
VIGORO BRAND V5520	8.8	4.2	68.1
VIGORO BRAND V55Y21Bt	9.2	3.9	67.9
VIGORO BRAND V5800	9.7	4.6	67.4
WYFFELS 8273	9.8	4.3	66.4
WYFFELS W8210	9.4	4.1	67.8
MEDIUM AVERAGE	9.3	4.5	67.3
MEDIUM AVERAGE BY LOCATION			
PRINCETON	7.6	4.1	69.7
LEWISPORT	9.8	4.5	67.0
HOPKINSVILLE	10.1	4.3	67.0
FULTON	9.0	4.6	65.6
LEXINGTON	10.5	4.5	66.9
QUICKSAND	8.7	4.8	67.7
HODGENVILLE	9.4	4.8	65.9

**Table 8W—ANNUAL SUMMARY, 2002, WHITE HYBRIDS
CHEMICAL COMPOSITION, ALL LOCATIONS.**

Brand/Hybrid	Protein	Oil	Starch
% dry wt.....		
ZIMMERMAN 1851W	9.6	4.3	65.7
EXSEGEN ES210W	9.4	4.5	66.8
PIONEER BRAND 33T17(W)	9.1	3.8	68.5
MEDIUM YELLOW CHECK	9.7	4.7	66.2
ZIMMERMAN W7812	9.6	4.1	66.8
ZIMMERMAN W7901	9.8	4.5	66.0
PIONEER BRAND 32T78(WH)	9.3	3.7	68.3
PIONEER BRAND 32A85(WH)	9.0	3.7	68.4
BECK'S 6918W	9.6	4.4	66.3
LATE AVERAGE	9.5	4.2	67.0
LATE AVERAGE BY LOCATION			
PRINCETON	8.0	3.6	68.5
LEWISPORT	9.8	4.2	67.1
HOPKINSVILLE	10.4	4.3	66.8
FULTON	9.1	4.4	66.1
LEXINGTON	10.0	4.0	66.1
QUICKSAND	8.9	4.1	68.3
HODGENVILLE	10.0	4.7	66.1

Table 9E—ANNUAL SUMMARY, 2002, EARLY HYBRIDS (112 Days to Maturity or Earlier), FULTON, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
EXSEGEN ES112		213.9*	202.6*	10.0	91.4	1.6	54.6
NK BRAND N65-M7			200.5*	10.7	100.0	1.0	54.6
SEED CONSULTANTS SC1133			198.8*	10.5	98.0	0.0	53.9
PIONEER BRAND 34B24(YG)		195.5	196.4*	11.3	94.4	0.0	56.0
BECK'S 5422	177.8*	201.0*	194.7*	10.8	99.0	0.0	54.6
PIONEER BRAND 34B23	175.9*	201.0*	190.9*	10.3	96.5	1.6	56.7
AGRIGOLD A6445		191.0	182.6*	10.8	96.0	1.1	53.9
SEED CONSULTANTS SC10R92			182.1*	10.2	92.9	0.6	53.9
CROPLAN GENETICS 691Bt			181.6*	11.1	92.4	0.0	53.8
LG SEEDS LG2540			180.4*	10.2	89.9	0.6	54.9
PIONEER BRAND 34B97			180.1*	10.3	98.5	0.5	57.5
DYNA-GRO 5545			179.5*	11.0	100.0	1.5	54.1
STINE 9616Bt			178.9*	11.1	97.5	1.1	54.7
DEKALB DKC61-25(YG)		207.9*	178.6*	11.2	94.4	1.0	54.7
GATEWAY 9411Bt	177.8*	191.0	171.5	10.1	96.0	0.0	54.3
BECK'S 6262CB			171.1	11.3	93.4	1.0	54.8
WYFFELS W6570			170.8	10.3	91.4	0.0	53.5
CROPLAN GENETICS 631			170.0	10.3	100.0	0.0	53.6
DEKALB DKC62-15			169.7	11.4	94.4	0.5	55.1
VIGORO BRAND V5110		183.5	169.5	10.0	100.0	0.0	53.7
DEKALB DKC60-09(RR/YG)			169.0	10.0	100.0	0.0	54.7
AGRIGOLD A6490CL			168.9	10.8	96.0	0.6	56.4
GARST 8442			168.6	10.9	100.0	2.0	57.2
NK BRAND N63-G7	164.5*	184.3	167.7	10.0	93.9	0.0	53.3
PFISTER 2550	171.5*	183.5	166.4	11.2	94.4	1.1	55.9
GOLDEN HARVEST H-9231			163.0	10.8	91.9	1.1	52.3
MYCOGEN 7474		183.0	161.7	11.3	92.9	1.1	55.4
NK BRAND N68-K7			160.4	10.7	82.8	0.0	53.6
SO. STATES SS692Bt		189.1	160.2	11.1	95.5	0.5	54.8
AGRIGOLD A6434			159.4	10.5	100.0	0.5	54.6
BIO GENE BG 1112(YG)			158.4	10.9	90.4	0.6	54.9
LG SEEDS LG2585		183.0	157.5	10.5	100.0	1.5	54.3
PIONEER BRAND 33G26	162.4	179.2	152.8	11.1	85.4	1.2	56.4
EARLY CHECK		165.5	149.1	10.5	94.9	0.0	54.7
SO. STATES SS670Bt	165.1*	184.5	148.5	10.5	93.9	0.5	53.7
NK BRAND N70-A2			146.3	10.9	86.4	0.5	56.0
GATEWAY 1411Bt			142.9	11.2	82.8	0.6	56.6
WYFFELS W730		167.3	138.5	11.5	93.9	0.5	56.2
STINE 9614Bt			136.9	12.2	68.2	0.0	55.1
AGRIGOLD A6545	170.3*	176.0	136.1	10.9	77.8	1.8	54.4
EARLY AVERAGE	170.7	187.8	169.1	10.8	93.4	0.7	54.8
LSD (0.10)	13.9	17.9	30.3	0.8	10.1	1.5	1.3
C.V.			13.2	5.3	8.0	164.9	1.7

Table 9W—ANNUAL SUMMARY, 2002, WHITE HYBRIDS (112-118 Days to Maturity), FULTON, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 33T17(W)	183.5*	216.6*	210.5*	11.3	99.0	1.0	58.0
ZIMMERMAN 1851W	174.1*	216.6*	202.5*	15.7	100.0	2.0	54.6
ZIMMERMAN W7812			200.0*	15.2	99.0	0.5	55.7
PIONEER BRAND 32A85(WH)			199.0*	13.9	100.0	1.5	56.4
BECK'S 6918W			197.8*	12.3	97.0	0.6	56.4
EXSEGEN ES210W	178.4*	203.0	197.7*	13.5	95.5	0.6	56.5
MEDIUM YELLOW CHECK		204.9*	197.7*	13.5	100.0	1.0	56.1
PIONEER BRAND 32T78(WH)			197.5*	15.4	100.0	0.5	57.5
ZIMMERMAN W7901			188.0	17.7	92.9	0.0	54.5
WHITE AVERAGE	178.7	210.3	199.0	14.3	98.1	0.9	56.2
LSD (0.10)	10.1	12.5	20.2	0.9	5.6	1.5	1.1
C.V.			7.1	4.6	4.0	120.5	1.4

* In any yield column, a hybrid mean 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—ANNUAL SUMMARY, 2002, MEDIUM HYBRIDS (113-117 Days to Maturity), FULTON, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
GARST 8288		233.0*	231.3*	14.2	95.5	0.0	56.5
SO. STATES SS842RR		236.8*	220.1*	16.0	100.0	2.3	55.6
PIONEER BRAND 33P67(YG)			219.4*	14.6	100.0	0.0	57.2
BIO GENE BG 1150(YG)			210.2*	13.1	97.7	0.0	56.3
SO. STATES SS740		210.2	208.2*	11.8	100.0	1.5	53.9
VIGORO BRAND V5800		217.9*	208.1*	12.6	95.5	0.0	56.8
PIONEER BRAND 32W86			207.5*	13.5	100.0	0.0	55.6
LG SEEDS LG2601		213.4	207.3*	11.5	100.0	0.0	58.1
MYCOGEN 2833 Bt	184.9*	210.9	207.2*	11.8	93.9	0.0	55.5
PIONEER BRAND 32H58		219.6*	206.8*	13.0	97.7	0.0	54.3
CROW'S 5165B			205.7*	12.1	87.9	0.0	56.5
AGRIGOLD A6607		206.6	204.1*	11.3	100.0	1.5	55.7
PFISTER 3030Bt			203.6*	11.1	93.2	0.0	55.5
MYCOGEN 2A791			202.8*	12.7	100.0	2.3	56.2
PIONEER BRAND 33J57(YG)		214.8	202.3*	10.4	90.2	1.7	56.7
EXSEGEN ES312		205.9	202.1*	10.3	100.0	2.3	55.9
WYFFELS 8273			201.5*	12.5	81.8	0.0	54.9
BIO GENE BG1130		209.7	200.7*	13.0	100.0	0.8	54.4
PIONEER BRAND 33R77		220.6*	200.6*	13.8	83.3	0.0	55.8
ASGROW RX772			199.2*	11.2	100.0	0.0	55.5
SEED CONSULTANTS SC11BR62			196.6*	12.5	68.2	0.0	53.6
VIGORO BRAND V55Y21Bt		209.6	192.7*	12.6	84.8	0.8	57.2
LG SEEDS LG2696	168.8	201.5	192.4*	13.2	91.7	0.8	56.1
BIO GENE BG 1152(YG)			192.3*	14.5	91.7	0.0	55.9
SEED CONSULTANTS 1140		208.3	191.8*	12.7	100.0	3.0	57.7
SOUTHERN STATES SS732			191.6*	11.9	75.8	1.8	55.9
LG SEEDS LG2699CL			191.6*	11.1	88.6	0.0	54.1
CROW'S C5360		202.5	190.5	11.7	96.2	0.0	56.1
DEKALB DKC64-10(RR)		213.7	190.2	10.8	92.4	0.0	55.9
GOLDEN HARVEST H-9504		199.4	190.1	12.0	100.0	4.5	55.8
CROPLAN GENETICS 678CL			188.1	11.7	97.7	1.6	54.5
PFISTER 3977Bt		211.7	187.9	13.8	94.7	0.0	55.9
BECK'S 7997CB			187.6	15.0	86.4	0.0	56.8
AGRIGOLD A6710Bt			187.1	15.0	94.7	0.0	53.5
ASGROW RX740RR		206.4	185.9	11.2	100.0	1.5	54.9
GOLDEN HARVEST H-9247Bt		203.7	183.6	11.4	91.7	0.0	54.4
AGRIGOLD A6490Bt			182.0	11.3	92.4	0.0	52.6
CROPLAN GENETICS 671Bt/CL			181.3	12.0	97.0	0.0	55.5
VIGORO BRAND V5520		191.7	181.2	11.3	80.3	0.0	56.5
SO. STATES SS849CL	169.3	206.2	178.6	13.7	97.7	0.0	55.1
GATEWAY 1615CL			175.4	14.0	88.6	0.9	54.1
DYNA-GRO 5467RR			173.9	10.0	90.2	1.6	55.8
MEDIUM CHECK		193.0	173.7	12.1	89.4	0.8	54.0
GOLDEN HARVEST H-9471	161.6	192.3	173.7	10.6	100.0	0.0	56.0
ADLER 3300CF			173.4	11.3	87.1	0.0	55.3
CROPLAN GENETICS 747			172.8	12.6	87.9	2.0	57.8
WYFFELS W8210			172.0	11.6	89.4	0.0	56.1
CAVERNDAL CF968Bt			171.3	13.1	90.9	1.5	54.9
GARST 8348			171.2	12.0	100.0	0.0	56.7
GATEWAY 4151		182.2	167.9	12.1	97.7	0.8	56.7
CROW'S C5150		189.7	165.6	11.7	89.4	0.8	55.3
LG SEEDS LG2622			162.3	13.5	95.5	0.0	58.2
CROPLAN GENETICS 818Bt			159.3	14.6	75.0	1.0	56.4
DEKALB DKC66-50		188.6	157.2	11.6	100.0	1.5	56.8
DYNA-GRO 5555RR			156.8	13.1	94.7	3.1	54.8
ADLER 3755Bt			154.1	11.0	82.6	0.0	55.2
CAVERNDAL CF862		185.1	151.2	11.0	71.2	0.0	56.5
GOLDEN HARVEST H-9364		184.0	150.2	11.2	72.0	0.0	54.5
DYNA-GRO 57P35 Bt/RR			147.8	12.4	90.9	0.0	57.4
PIONEER BRAND 32K64(YG)		180.5	146.0	12.1	100.0	0.8	55.0
BIO GENE BT4220(YG)	157.5	173.6	139.9	12.6	100.0	0.8	56.9
MEDIUM AVERAGE	168.4	203.9	185.3	12.3	92.6	0.7	55.7
LSD (0.10)	15.4	21.5	40.3	1.3	15.8	1.8	2.2
C.V.			13.0	6.4	10.2	156.5	2.4

Table 9L—ANNUAL SUMMARY, 2002, LATE HYBRIDS (118 Days to Maturity or Later), FULTON, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 31G98	190.7*	235.6*	233.6*	13.2	100.0	0.0	57.0
PIONEER BRAND 31A13(YG)		224.6*	214.0*	15.7	99.5	0.0	56.9
DEKALB DK697			197.9	17.0	99.0	0.5	56.7
CROPLAN GENETICS DS822RR			195.4	14.4	100.0	2.0	53.1
LATE CHECK		205.3	192.8	15.2	99.0	1.0	55.1
AGRIGOLD A6729Bt	167.1	197.6	184.9	12.8	95.5	0.0	55.8
LATE AVERAGE	178.9	215.8	203.1	14.7	98.8	0.6	55.8
LSD (0.10)	9.4	13.1	19.5	0.9	4.8	1.3	1.5
C.V.			6.5	4.3	3.3	145.9	1.8

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

Table 10E—ANNUAL SUMMARY, 2002, EARLY HYBRIDS (112 Days to Maturity or Earlier), PRINCETON, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
EXSEGEN ES112		153.6*	147.2*	10.4	100.0	2.0	51.8
CROPLAN GENETICS 631			140.0*	10.4	100.0	2.5	52.4
WYFFELS W6570			137.3*	10.8	100.0	0.5	53.0
DEKALB DKC60-09(RR/YG)			137.1*	10.3	100.0	1.0	53.6
NK BRAND N63-G7	134.7*	145.9*	136.9*	10.3	100.0	0.0	53.9
PFISTER 2550	133.6*	143.6*	130.8*	10.7	100.0	0.5	54.1
PIONEER BRAND 34B24(YG)		146.6*	128.1*	10.7	100.0	0.0	52.1
BIO GENE BG 1112(YG)			127.4*	10.4	100.0	0.5	53.5
STINE 9616Bt			125.5*	10.4	97.0	0.5	53.3
GATEWAY 1411Bt			123.7	10.6	100.0	0.0	53.5
GOLDEN HARVEST H-9231			122.3	10.4	100.0	1.5	53.3
MYCOGEN 7474		132.3	121.0	10.8	100.0	2.0	55.7
PIONEER BRAND 34B23	126.2	138.7*	120.7	10.8	100.0	1.5	53.6
WYFFELS W730		131.2	120.4	10.8	100.0	2.0	51.8
AGRIGOLD A6434			119.8	10.6	100.0	2.5	52.9
AGRIGOLD A6490CL			117.3	10.3	100.0	0.0	52.9
STINE 9614Bt			116.9	11.3	100.0	0.0	52.5
SEED CONSULTANTS SC10R92			115.2	10.8	100.0	1.5	52.5
LG SEEDS LG2585		139.4*	115.0	11.0	100.0	0.0	53.7
SEED CONSULTANTS SC1133			113.2	10.3	100.0	0.0	50.9
SO. STATES SS670Bt	139.9*	143.7*	113.1	11.9	100.0	0.5	52.7
NK BRAND N65-M7			112.1	10.3	100.0	1.5	53.3
GARST 8442			109.8	11.0	100.0	0.0	52.9
DEKALB DKC61-25(YG)		139.5*	109.1	10.1	100.0	0.0	53.5
GATEWAY 9411Bt	142.8*	145.7*	108.9	10.3	100.0	2.0	52.4
BECK'S 6262CB			108.3	10.4	100.0	0.0	53.9
DEKALB DKC62-15			108.2	10.4	100.0	1.5	53.9
PIONEER BRAND 34B97			108.0	10.8	100.0	1.0	52.8
LG SEEDS LG2540			106.6	10.5	100.0	2.0	52.2
PIONEER BRAND 33G26	117.4	127.8	106.2	10.6	100.0	1.0	52.4
NK BRAND N70-A2			104.2	10.6	100.0	2.0	53.1
AGRIGOLD A6445		123.4	101.8	10.3	100.0	0.5	53.1
NK BRAND N68-K7			100.2	10.7	100.0	1.5	55.1
DYNA-GRO 5545			99.1	10.3	100.0	1.0	52.4
CROPLAN GENETICS 691Bt			99.1	10.4	100.0	1.0	55.1
SO. STATES SS692Bt		131.0	97.5	10.6	100.0	0.0	52.2
EARLY CHECK		120.0	96.4	10.2	100.0	4.0	53.3
VIGORO BRAND V5110		135.6	96.4	10.5	100.0	0.5	52.7
BECK'S 5422	124.4	129.8	96.3	10.4	100.0	1.0	52.9
AGRIGOLD A6545	124.8	132.0	94.3	10.8	100.0	0.5	54.6
EARLY AVERAGE	130.5	136.7	114.8	10.6	99.9	1.0	53.1
LSD (0.10)	11.8	15.5	23.3	0.6	1.1	1.9	2.3
C.V.			14.9	4.5	0.8	140.5	3.2

Table 10W—ANNUAL SUMMARY, 2002, WHITE HYBRIDS (112-118 Days to Maturity), PRINCETON, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
BECK'S 6918W			131.6*	11.1	100.0	0.0	57.1
ZIMMERMAN W7901			130.3*	17.6	100.0	1.5	55.4
ZIMMERMAN W7812			126.3*	13.7	100.0	1.0	57.0
PIONEER BRAND 32T78(WH)			125.9*	11.1	100.0	0.5	57.4
PIONEER BRAND 33T17(W)	132.4*	134.5*	122.2*	11.1	100.0	0.5	57.2
MEDIUM YELLOW CHECK		123.2*	122.0*	11.6	100.0	0.5	56.6
ZIMMERMAN 1851W	123.2*	128.3*	117.9*	15.5	100.0	1.0	55.4
EXSEGEN ES210W	125.4*	129.2*	109.8	11.5	100.0	0.0	58.6
PIONEER BRAND 32A85(WH)			94.7	11.3	99.5	0.5	56.5
WHITE AVERAGE	127.0	128.8	120.1	12.7	99.9	0.6	56.8
LSD (0.10)	10.5	13.3	20.6	0.7	0.4	1.4	1.1
C.V.			12.0	4.0	0.3	162.8	1.3

* In any yield column, a hybrid mean 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—ANNUAL SUMMARY, 2002, MEDIUM HYBRIDS (113-117 Days to Maturity), PRINCETON, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PFISTER 3977Bt		153.7*	151.5*	13.3	100.0	0.0	53.1
MEDIUM CHECK		136.2	148.2*	10.7	100.0	2.0	55.8
MYCOGEN 2833 Bt	140.0*	139.0	147.0*	10.9	100.0	0.0	53.3
BIO GENE BG 1152(YG)			145.1*	11.6	100.0	0.0	54.7
SO. STATES SS740		141.3*	142.7*	10.1	100.0	1.0	55.1
VIGORO BRAND V5520		143.5*	141.6*	10.3	100.0	3.0	52.5
CROPLAN GENETICS 818Bt			140.6*	13.2	100.0	0.0	54.0
VIGORO BRAND V5800		137.9	139.6*	10.5	100.0	2.5	55.1
GARST 8288		148.8*	138.3*	11.5	100.0	1.5	53.6
PIONEER BRAND 32H58		139.2	138.1*	10.8	100.0	1.5	57.3
LG SEEDS LG2696	134.4*	143.6*	137.6*	10.9	100.0	0.5	52.1
DYNA-GRO 5467RR			137.5*	10.4	100.0	0.5	53.3
BIO GENE BG1130		138.8	134.5*	10.9	100.0	1.5	55.8
BIO GENE BG 1150(YG)			133.2*	13.1	100.0	0.0	54.0
CROW'S 5165B			133.1*	10.5	100.0	0.5	54.0
GARST 8348			132.7*	10.6	100.0	0.0	54.3
VIGORO BRAND V55Y21Bt		149.3*	132.5*	10.6	100.0	0.0	54.3
GATEWAY 4151		139.3	132.4*	11.1	100.0	0.5	54.6
ADLER 3755Bt			132.3*	10.3	100.0	0.0	55.7
AGRIGOLD A6710Bt			132.1*	11.7	100.0	0.0	54.7
GOLDEN HARVEST H-9247Bt		150.4*	131.7*	10.7	100.0	0.5	56.0
AGRIGOLD A6607		137.0	130.4*	10.4	100.0	1.0	55.9
CROPLAN GENETICS 747			130.3*	11.0	100.0	1.0	55.2
BIO GENE BT4220(YG)	144.8*	142.7*	128.7	11.6	100.0	0.0	55.9
LG SEEDS LG2622			128.7	10.9	100.0	0.0	51.9
SO. STATES SS849CL	133.2	138.1	128.4	10.6	98.0	1.5	51.4
CROPLAN GENETICS 678CL			128.4	10.4	100.0	1.0	55.8
GATEWAY 1615CL			127.4	12.1	100.0	1.0	55.3
SEED CONSULTANTS SC11BR62			127.2	11.3	100.0	0.5	54.9
SO. STATES SS842RR		136.9	126.7	10.6	100.0	2.0	51.6
CROW'S C5150		136.5	126.6	10.7	100.0	1.0	55.6
EXSEGEN ES312		127.5	126.3	10.4	100.0	0.0	53.4
ASGROW RX740RR		123.1	126.1	10.4	100.0	2.5	55.9
GOLDEN HARVEST H-9471	131.8	131.7	125.6	10.3	100.0	0.0	55.3
GOLDEN HARVEST H-9504		135.7	125.6	10.5	100.0	0.0	54.2
AGRIGOLD A6490Bt			125.0	10.7	100.0	0.0	56.1
SEED CONSULTANTS 1140		136.0	124.3	10.7	100.0	0.5	54.8
LG SEEDS LG2601		142.1*	122.7	10.4	100.0	0.5	55.2
PFISTER 3030Bt			122.5	10.3	100.0	0.0	52.6
PIONEER BRAND 33P67(YG)			122.3	10.9	100.0	0.0	57.3
ADLER 3300CF			121.1	10.5	100.0	0.0	55.7
CROPLAN GENETICS 671Bt/CL			120.9	10.8	100.0	0.0	52.9
DEKALB DKC64-10(RR)		133.8	120.3	10.4	100.0	0.0	53.5
PIONEER BRAND 32W86			119.5	10.2	100.0	0.0	54.5
MYCOGEN 2A791			119.5	10.4	100.0	0.0	52.7
DYNA-GRO 57P35 Bt/RR			119.2	10.8	100.0	0.0	54.9
SOUTHERN STATES SS732			118.9	10.3	100.0	1.0	52.3
DEKALB DKC66-50		139.7*	118.6	10.6	100.0	1.0	53.4
CROW'S C5360		137.1	116.8	10.9	100.0	0.0	53.1
PIONEER BRAND 32K64(YG)		140.6*	116.6	10.6	100.0	0.0	56.2
LG SEEDS LG2699CL			116.3	10.8	100.0	2.0	55.5
WYFFELS 8273			116.0	10.6	100.0	0.5	52.2
WYFFELS W8210			115.3	10.7	100.0	2.0	56.8
ASGROW RX772			115.1	10.5	100.0	0.0	51.7
PIONEER BRAND 33J57(YG)		125.8	110.5	10.6	100.0	0.0	54.5
DYNA-GRO 5555RR			107.1	10.5	100.0	0.0	54.3
CAVERNDAL CF862		135.4	106.7	10.7	100.0	0.0	54.1
PIONEER BRAND 33R77		134.5	106.5	10.9	100.0	0.0	51.8
GOLDEN HARVEST H-9364		128.9	105.2	11.0	100.0	1.5	53.2
BECK'S 7997CB			104.0	11.3	100.0	0.0	54.9
CAVERNDAL CF968Bt			104.0	11.8	100.0	0.0	55.4
MEDIUM AVERAGE	136.8	138.7	126.4	10.9	100.0	0.6	54.4
LSD (0.10)	11.1	14.3	22.5	0.8	0.6	1.4	1.1
C.V.			13.2	5.4	0.4	177.9	1.6

Table 10L—ANNUAL SUMMARY, 2002, LATE HYBRIDS (118 Days to Maturity or Later), PRINCETON, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 31A13(YG)		188.8*	189.3*	12.5	100.0	0.5	56.3
AGRIGOLD A6729Bt	179.8*	185.2*	178.8*	12.1	99.5	0.0	56.6
DEKALB DK697			133.9	11.6	100.0	1.0	55.2
PIONEER BRAND 31G98	153.0	163.1	131.1	10.5	100.0	1.5	55.2
LATE CHECK		150.1	121.7	11.9	100.0	1.5	54.6
CROPLAN GENETICS DS822RR			115.9	10.5	100.0	1.5	51.6
LATE AVERAGE	166.4	171.8	145.1	11.5	99.9	1.0	54.9
LSD (0.10)	11.1	13.4	19.4	1.2	0.5	2.0	1.2
C.V.			9.0	6.9	0.4	132.3	1.5

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

Table 11E—ANNUAL SUMMARY, 2002, EARLY HYBRIDS (112 Days to Maturity or Earlier), LEWISPORT, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
AGRIGOLD A6490CL			142.7*	15.1	100.0	0.0	56.1
GATEWAY 1411Bt			140.7*	14.5	99.0	0.0	56.7
PIONEER BRAND 34B23	175.3*	176.6*	138.3*	13.2	100.0	0.0	57.3
PIONEER BRAND 33G26	176.2*	176.0*	137.9*	12.7	100.0	3.5	56.2
PIONEER BRAND 34B24(YG)		166.8*	137.7*	13.1	100.0	0.0	56.9
WYFFELS W730		172.0*	136.8*	14.9	100.0	0.0	56.3
DEKALB DKC62-15			135.3*	13.8	100.0	1.0	55.4
PFISTER 2550	169.0*	165.7*	133.2*	14.5	100.0	1.0	56.5
CROPLAN GENETICS 631			131.7*	14.3	100.0	0.5	54.5
NK BRAND N70-A2			131.3*	14.2	100.0	1.0	56.2
GARST 8442			129.7*	15.8	100.0	0.0	55.5
NK BRAND N63-G7	171.7*	170.1*	129.3*	12.5	100.0	1.5	55.2
SO. STATES SS670Bt	174.0*	169.9*	127.7*	14.7	100.0	5.1	53.7
AGRIGOLD A6445		174.2*	127.2	13.7	100.0	1.0	55.8
EXSEGEN ES112		167.7*	122.9	13.4	100.0	1.0	55.3
PIONEER BRAND 34B97			120.5	12.6	100.0	1.0	56.8
AGRIGOLD A6434			119.3	12.2	100.0	1.0	55.3
MYCOGEN 7474		157.1	119.1	15.9	89.4	1.0	56.0
WYFFELS W6570			118.4	15.4	100.0	0.5	55.0
NK BRAND N65-M7			118.2	15.0	90.4	0.5	54.5
SEED CONSULTANTS SC10R92			116.7	13.9	100.0	0.0	55.6
DEKALB DKC60-09(RR/YG)			116.5	12.2	100.0	0.0	54.6
DEKALB DKC61-25(YG)		166.9*	115.3	15.3	100.0	0.0	54.7
STINE 9616Bt			114.4	13.3	100.0	0.0	55.2
GOLDEN HARVEST H-9231			114.3	12.6	100.0	1.5	54.3
SEED CONSULTANTS SC1133			113.3	14.2	100.0	0.0	54.4
DYNA-GRO 5545			113.3	13.9	100.0	1.0	55.9
VIGORO BRAND V5110		162.3*	112.9	15.5	100.0	0.5	55.0
LG SEEDS LG2585		168.1*	111.1	14.2	100.0	2.5	55.9
BECK'S 5422	161.6	158.3	109.4	15.2	100.0	0.5	55.4
LG SEEDS LG2540			109.3	13.2	100.0	0.0	54.7
BIO GENE BG 1112(YG)			106.2	14.6	100.0	0.0	55.7
SO. STATES SS692Bt		158.1	105.8	14.4	100.0	0.0	55.3
CROPLAN GENETICS 691Bt			102.6	14.6	100.0	0.0	54.4
STINE 9614Bt			101.8	13.7	100.0	0.5	56.1
GATEWAY 9411Bt	153.1	147.5	97.7	13.8	100.0	0.5	54.7
AGRIGOLD A6545	161.1*	150.6	96.3	14.8	100.0	3.5	55.9
BECK'S 6262CB			95.8	15.1	100.0	0.0	55.9
EARLY CHECK		147.8	94.3	15.1	100.0	0.0	56.6
NK BRAND N68-K7			92.5	13.5	100.0	0.0	56.4
EARLY AVERAGE	167.7	164.2	118.4	14.1	99.5	0.8	55.6
LSD (0.10)	11.3	15.1	15.3	1.6	5.3	2.2	1.1
C.V.			9.5	8.5	3.9	209.0	1.5

Table 11W—ANNUAL SUMMARY, 2002, WHITE HYBRIDS (112-118 Days to Maturity), LEWISPORT, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 33T17(W)	168.2*	159.9*	114.8*	16.0	100.0	1.0	57.9
MEDIUM YELLOW CHECK		162.0*	108.1*	19.3	100.0	0.5	56.7
ZIMMERMAN W7901			102.4*	23.0	100.0	1.0	52.6
ZIMMERMAN 1851W	155.4	150.2*	101.0*	21.8	89.4	2.5	53.4
PIONEER BRAND 32A85(WH)			97.8	14.9	100.0	1.0	57.5
ZIMMERMAN W7812			92.5	21.0	100.0	2.0	54.6
PIONEER BRAND 32T78(WH)			91.8	17.4	100.0	1.5	56.9
BECK'S 6918W			90.6	23.6	100.0	0.5	55.8
EXSEGEN ES210W	142.4	138.2	87.9	17.9	98.0	1.5	56.1
WHITE AVERAGE	155.3	152.6	98.6	19.4	98.6	1.3	55.7
LSD (0.10)	11.0	14.7	14.8	1.2	8.7	2.5	1.5
C.V.			10.5	4.3	6.2	135.8	1.9

* In any yield column, a hybrid mean 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—ANNUAL SUMMARY, 2002, MEDIUM HYBRIDS (113-117 Days to Maturity), LEWISPORT, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
ASGROW RX740RR		162.5*	130.8*	15.7	100.0	2.5	56.7
AGRIGOLD A6710Bt			127.9*	22.0	100.0	1.5	53.7
GOLDEN HARVEST H-9247Bt		165.0*	124.5*	15.2	100.0	0.0	56.1
BIO GENE BT4220(YG)	164.4*	162.6*	119.9*	20.3	100.0	2.0	53.3
PIONEER BRAND 32H58		160.5*	119.5*	15.8	100.0	4.5	58.5
CROPLAN GENETICS 678CL			118.8*	15.3	100.0	2.5	56.2
CROPLAN GENETICS 818Bt			118.1*	22.6	100.0	0.0	52.0
LG SEEDS LG2699CL			114.8*	21.6	100.0	2.0	54.4
PIONEER BRAND 32K64(YG)		154.5*	113.1	16.2	100.0	1.0	56.6
BECK'S 7997CB			112.3	22.3	100.0	1.5	53.4
ADLER 3755Bt			111.4	17.4	100.0	0.5	56.5
ADLER 3300CF			109.5	15.7	100.0	1.5	56.9
AGRIGOLD A6490Bt			109.0	16.3	100.0	0.5	56.5
LG SEEDS LG2696	163.7*	154.4*	107.6	16.1	100.0	3.0	55.5
DYNA-GRO 5467RR			107.5	15.2	100.0	1.5	56.3
LG SEEDS LG2622			106.7	17.3	96.0	2.6	53.3
PFISTER 3977Bt		157.0*	105.3	20.5	100.0	1.5	53.5
PIONEER BRAND 32W86			103.9	20.9	100.0	3.0	55.2
BIO GENE BG 1152(YG)			103.9	20.3	100.0	0.5	54.3
DEKALB DKC64-10(RR)		148.5	103.3	15.1	100.0	1.5	55.2
GARST 8288		140.3	101.5	20.0	98.5	1.6	53.2
GARST 8348			101.3	16.6	100.0	2.5	54.9
MYCOGEN 2A791			100.4	18.2	100.0	2.5	54.0
CAVERNDAL CF968Bt			100.2	20.9	100.0	1.5	53.8
PIONEER BRAND 33P67(YG)			99.4	15.5	100.0	1.0	58.2
GATEWAY 4151		153.2*	99.3	23.8	93.4	0.0	51.9
MYCOGEN 2833 Bt	160.9*	152.7*	99.1	16.1	100.0	2.5	55.1
VIGORO BRAND V5800		153.7*	97.7	20.0	100.0	5.6	56.1
BIO GENE BG1130		162.3*	97.6	20.4	100.0	3.5	55.6
ASGROW RX772			97.1	15.4	100.0	6.1	55.8
PIONEER BRAND 33R77		154.1*	96.2	18.6	100.0	5.1	53.4
PIONEER BRAND 33J57(YG)		158.9*	95.5	17.8	100.0	0.5	56.2
SO. STATES SS849CL	159.6*	159.3*	95.1	13.9	100.0	2.5	52.5
WYFFELS W8210			94.4	17.7	100.0	1.0	56.0
LG SEEDS LG2601		153.1*	93.8	20.3	100.0	6.6	56.5
GOLDEN HARVEST H-9504		144.3	93.4	18.3	100.0	4.0	54.8
GOLDEN HARVEST H-9471	159.8*	153.4*	93.1	17.2	100.0	5.6	55.6
CROPLAN GENETICS 671Bt/CL			92.9	16.6	100.0	1.0	55.1
GATEWAY 1615CL			92.7	21.6	100.0	2.0	52.4
SEED CONSULTANTS 1140		146.7	91.1	18.2	100.0	6.1	57.3
CROW'S C5150		151.7*	90.3	21.4	100.0	6.1	55.5
AGRIGOLD A6607		141.2	89.9	20.5	100.0	6.6	56.3
EXSEGEN ES312		125.8	88.7	12.9	100.0	2.5	55.9
CROW'S C5360		147.4	86.0	15.1	100.0	2.0	56.5
VIGORO BRAND V5520		137.1	85.7	17.4	99.0	3.6	55.5
DEKALB DKC66-50		138.7	85.3	17.1	100.0	1.5	53.7
CROPLAN GENETICS 747			84.1	20.4	100.0	2.0	54.5
BIO GENE BG 1150(YG)			83.5	21.4	100.0	1.0	55.0
SO.STATES SS842RR		130.9	83.3	16.6	100.0	2.5	54.5
MEDIUM CHECK		149.4	82.9	17.4	100.0	5.1	57.2
GOLDEN HARVEST H-9364		144.1	82.8	18.4	100.0	2.0	56.4
SOUTHERN STATES SS732			82.3	18.7	100.0	3.0	56.0
SO. STATES SS740		149.5	82.3	20.3	100.0	6.1	56.7
CROW'S 5165B			79.4	17.1	100.0	0.5	56.5
WYFFELS 8273			76.4	21.3	100.0	0.5	53.9
PFISTER 3030Bt			75.9	21.4	100.0	0.0	53.0
VIGORO BRAND V55Y21Bt		150.5*	74.9	13.7	100.0	1.0	52.4
CAVERNDAL CF862		142.0	74.7	19.5	97.0	0.5	55.5
DYNA-GRO 5555RR			72.1	21.5	100.0	2.5	53.5
SEED CONSULTANTS SC11BR62			69.2	19.4	97.5	1.0	54.7
DYNA-GRO 57P35 Bt/RR			68.7	21.5	100.0	1.0	53.3
MEDIUM AVERAGE	161.7	150.2	96.5	18.5	99.7	2.4	55.0
LSD (0.10)	11.7	15.4	16.9	1.7	2.6	2.7	1.9
C.V.			12.9	6.8	1.9	80.6	2.6

Table 11L—ANNUAL SUMMARY, 2002, LATE HYBRIDS (118 Days to Maturity or Later), LEWISPORT, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
AGRIGOLD A6729Bt	159.5	157.3	114.2*	19.1	100.0	5.1	54.4
PIONEER BRAND 31G98	178.1*	172.4*	111.8*	14.4	100.0	2.0	57.5
DEKALB DK697			106.5*	16.7	100.0	1.0	54.2
PIONEER BRAND 31A13(YG)		154.7	103.5*	19.6	99.5	4.1	55.4
LATE CHECK		155.0	102.3*	20.3	100.0	1.5	53.3
CROPLAN GENETICS DS822RR			77.4	16.0	100.0	1.0	54.3
LATE AVERAGE	168.8	159.8	102.6	17.7	99.9	2.4	54.9
LSD (0.10)	10.5	13.0	14.0	1.1	0.5	3.8	1.6
C.V.			9.2	4.2	0.4	106.3	2.0

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

Table 12E—ANNUAL SUMMARY, 2002, EARLY HYBRIDS (112 Days to Maturity or Earlier), HOPKINSVILLE, KY⁺.

BRAND/HYBRID	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 34B97		206.0*	13.3	100.0	0.0	55.9
PIONEER BRAND 34B23	197.1*	203.5*	13.0	100.0	0.0	56.1
WYFFELS W6570		201.3*	12.5	100.0	0.0	53.7
SEED CONSULTANTS SC10R92		192.0*	12.9	100.0	0.0	54.0
DEKALB DKC62-15		191.5*	12.9	100.0	0.0	55.0
GATEWAY 9411Bt	192.3*	190.9*	15.8	100.0	0.5	54.5
EXSEGEN ES112	184.5*	190.8*	12.5	100.0	0.0	54.1
PIONEER BRAND 34B24(YG)	191.0*	188.3*	14.6	100.0	0.0	56.8
LG SEEDS LG2585	186.1*	182.8*	13.4	100.0	1.0	54.1
GOLDEN HARVEST H-9231		182.3*	12.4	100.0	0.0	54.9
BIO GENE BG 1112(YG)		182.2*	13.9	100.0	0.0	54.9
NK BRAND N65-M7		181.8*	13.8	100.0	0.0	54.4
BECK'S 5422	178.2	181.4*	16.2	100.0	0.0	55.2
AGRIGOLD A6490CL		180.1*	14.4	100.0	1.5	55.4
STINE 9614Bt		179.1*	15.8	100.0	1.0	56.0
NK BRAND N63-G7	176.5	178.4*	11.0	100.0	0.0	54.6
DEKALB DKC60-09(RR/YG)		177.8	12.1	100.0	0.0	54.5
NK BRAND N68-K7		177.5	14.9	100.0	1.0	54.2
NK BRAND N70-A2		177.4	16.1	100.0	0.5	56.2
CROPLAN GENETICS 631		176.8	12.9	100.0	0.0	52.9
LG SEEDS LG2540		176.3	13.9	100.0	0.0	54.2
PFISTER 2550	171.6	176.2	14.5	100.0	0.5	57.2
DYNA-GRO 5545		174.3	13.9	100.0	1.0	54.8
AGRIGOLD A6445	173.3	173.3	14.5	100.0	0.0	53.5
SEED CONSULTANTS SC1133		173.2	14.1	100.0	0.0	53.3
WYFFELS W730	172.2	171.4	16.0	100.0	0.0	55.8
AGRIGOLD A6545	172.0	171.3	14.6	99.0	0.0	54.2
STINE 9616Bt		168.5	13.0	100.0	0.0	53.6
DEKALB DKC61-25(YG)	183.3*	168.4	13.7	100.0	0.0	54.2
GATEWAY 1411Bt		168.1	13.2	98.5	0.0	55.8
CROPLAN GENETICS 691Bt		167.3	16.5	100.0	0.0	53.5
GARST 8442		167.1	14.7	100.0	0.0	55.6
PIONEER BRAND 33G26	172.7	165.5	15.2	100.0	0.5	56.0
MYCOGEN 7474	170.8	164.7	13.2	100.0	0.0	55.8
AGRIGOLD A6434		163.8	14.2	100.0	0.5	53.9
SO. STATES SS670Bt	179.0	160.4	14.2	100.0	0.5	53.4
SO. STATES SS692Bt	177.4	156.9	15.5	100.0	0.0	54.7
VIGORO BRAND V5110	169.2	151.4	14.4	100.0	0.0	53.6
BECK'S 6262CB		149.7	16.0	100.0	0.0	54.1
EARLY CHECK	164.8	146.4	15.3	98.5	0.0	54.2
EARLY AVERAGE	178.4	175.9	14.1	99.9	0.2	54.7
LSD (0.10)	16.5	27.8	2.2	0.9	0.8	1.5
C.V.		11.6	11.6	0.6	280.9	2.0

Table 12W—ANNUAL SUMMARY, 2002, WHITE HYBRIDS (112-118 Days to Maturity), HOPKINSVILLE, KY.

BRAND/HYBRID	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
MEDIUM YELLOW CHECK	191.0*	169.0*	12.5	90.4	0.0	56.1
ZIMMERMAN 1851W	165.5	144.2*	17.9	95.5	0.0	54.3
PIONEER BRAND 33T17(W)	166.8	141.2	13.2	98.0	0.0	56.1
EXSEGEN ES210W	153.2	138.4	14.3	93.9	0.5	56.4
PIONEER BRAND 32T78(WH)		133.0	14.4	86.9	0.0	55.4
ZIMMERMAN W7812		131.3	18.4	97.5	0.0	54.3
BECK'S 6918W		128.5	13.6	98.0	0.0	55.4
PIONEER BRAND 32A85(WH)		119.0	13.6	94.9	0.0	55.4
ZIMMERMAN W7901		118.9	19.8	94.9	0.0	54.2
WHITE AVERAGE	169.1	136.0	15.3	94.4	0.1	55.3
LSD (0.10)	17.3	26.8	2.1	5.3	0.4	1.6
C.V.		13.8	9.5	3.9	519.6	2.0

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

+ No three-year data available. 2000 Franklin data not included.

Table 12M—ANNUAL SUMMARY, 2002, MEDIUM HYBRIDS (113-117 Days to Maturity), HOPKINSVILLE, KY⁺.

BRAND/HYBRID	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
SEED CONSULTANTS 1140	186.0*	191.9*	13.4	100.0	0.5	56.3
VIGORO BRAND V55Y21Bt	199.5*	183.1*	14.5	100.0	0.0	54.5
MYCOGEN 2833 Bt	186.9*	182.4*	14.1	100.0	0.0	53.0
PFISTER 3030Bt		182.3*	14.5	100.0	0.0	53.7
BIO GENE BG 1152(YG)		181.3*	16.1	100.0	0.0	54.9
GATEWAY 4151	182.6*	180.4*	16.4	100.0	0.0	54.5
AGRIGOLD A6490Bt		180.2*	12.7	100.0	0.0	57.4
ADLER 3755Bt		179.2*	12.8	98.0	0.5	56.2
DYNA-GRO 5467RR		178.7*	11.8	100.0	1.0	54.6
GOLDEN HARVEST H-9364	190.1*	177.9*	13.2	100.0	0.0	54.3
MEDIUM CHECK	195.1*	177.2*	15.0	100.0	0.0	54.5
DEKALB DKC66-50	179.2	175.8*	14.9	100.0	0.5	54.5
VIGORO BRAND V5520	192.8*	175.2*	13.7	100.0	0.0	54.2
PIONEER BRAND 32K64(YG)	186.6*	174.0*	12.5	100.0	0.0	57.5
BIO GENE BT4220(YG)	184.4*	173.8*	17.4	100.0	0.5	56.2
GOLDEN HARVEST H-9247Bt	180.6*	173.8*	13.0	100.0	1.0	56.4
MYCOGEN 2A791		171.5*	13.4	100.0	0.0	53.7
CROW'S C5150	183.8*	169.9*	13.3	100.0	0.0	56.3
SOUTHERN STATES SS732		169.8*	15.6	100.0	1.5	53.2
PIONEER BRAND 33J57(YG)	181.0*	169.2*	11.4	100.0	0.0	54.6
DEKALB DKC64-10(RR)	174.8	169.0*	11.5	100.0	0.0	55.8
PIONEER BRAND 33R77	187.7*	167.8*	13.7	100.0	0.0	54.0
SO. STATES SS849CL	179.8*	167.7*	16.2	100.0	0.0	52.8
PFISTER 3977Bt	182.2*	167.6*	18.4	100.0	0.0	54.4
AGRIGOLD A6607	184.8*	167.6*	13.5	95.5	2.3	56.3
BIO GENE BG1130	183.8*	166.5*	14.3	100.0	0.0	56.1
CROPLAN GENETICS 747		163.6*	14.9	100.0	0.0	54.1
CROPLAN GENETICS 678CL		162.7*	14.1	100.0	0.5	56.5
GARST 8288	185.8*	160.6*	18.1	100.0	0.0	54.9
GOLDEN HARVEST H-9471	181.1*	160.5*	13.6	100.0	0.0	55.8
LG SEEDS LG2699CL		160.5*	14.5	100.0	0.0	55.2
BECK'S 7997CB		160.4*	17.1	100.0	0.0	56.2
ASGROW RX772		159.9*	14.1	97.0	0.0	54.2
ADLER 3300CF		159.2	12.8	100.0	0.0	56.2
LG SEEDS LG2601	181.5*	157.3	12.4	100.0	0.5	55.6
CROPLAN GENETICS 671Bt/CL		157.2	13.9	100.0	0.0	55.1
EXSEGEN ES312	172.4	155.8	12.3	93.4	0.0	54.9
PIONEER BRAND 33P67(YG)		155.6	15.7	100.0	1.0	56.5
SO. STATES SS740	174.5	155.5	13.1	100.0	0.0	56.5
CROW'S 5165B		155.2	15.5	100.0	1.0	54.0
GOLDEN HARVEST H-9504	170.1	152.6	14.1	100.0	0.5	54.9
LG SEEDS LG2622		152.2	14.5	100.0	0.0	52.6
BIO GENE BG 1150(YG)		151.8	17.5	100.0	0.0	54.0
AGRIGOLD A6710Bt		150.9	14.8	100.0	0.0	54.2
WYFFELS W8210		150.6	13.1	100.0	0.5	54.9
CROPLAN GENETICS 818Bt		148.6	18.3	100.0	0.0	54.0
PIONEER BRAND 32W86		146.7	14.1	100.0	0.0	56.1
SO. STATES SS842RR	167.3	146.5	14.1	100.0	0.0	52.6
CROW'S C5360	160.7	145.7	13.8	100.0	0.0	54.2
GATEWAY 1615CL		145.3	17.1	97.0	0.5	55.8
CAVERNDALE CF968Bt		143.8	17.4	98.0	0.0	55.8
ASGROW RX740RR	157.6	142.8	13.3	100.0	0.0	57.2
GARST 8348		142.5	13.9	100.0	0.5	55.4
PIONEER BRAND 32H58	166.8	142.4	15.6	100.0	0.0	57.5
CAVERNDALE CF862	161.9	140.7	13.6	100.0	0.0	53.2
DYNA-GRO 57P35 Bt/RR		140.4	15.6	100.0	1.0	54.3
VIGORO BRAND V5800	166.4	137.5	12.6	100.0	0.5	56.7
SEED CONSULTANTS SC11BR62		136.5	15.9	100.0	0.5	54.0
LG SEEDS LG2696	170.0	134.0	14.9	100.0	0.0	53.8
DYNA-GRO 5555RR		122.9	17.9	100.0	0.5	54.1
WYFFELS 8273		117.7	15.4	100.0	0.0	53.2
MEDIUM AVERAGE	179.3	159.7	14.6	99.6	0.2	55.0
LSD (0.10)	19.8	32.4	2.2	2.9	1.0	1.4
C.V.		15.0	11.0	2.2	316.7	1.9

Table 12L—ANNUAL SUMMARY, 2002, LATE HYBRIDS (118 Days to Maturity or Later), HOPKINSVILLE, KY⁺.

BRAND/HYBRID	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 31G98	176.8*	148.9*	14.4	98.5	0.5	55.5
LATE CHECK	167.7*	147.6*	14.8	96.5	0.5	54.4
DEKALB DK697		146.7*	15.5	100.0	0.0	55.7
PIONEER BRAND 31A13(YG)	186.0*	141.0*	17.8	100.0	0.0	55.2
CROPLAN GENETICS DS822RR		136.2*	14.7	99.0	0.5	52.6
AGRIGOLD A6729Bt	179.2*	130.3*	14.2	100.0	0.0	56.1
LATE AVERAGE	177.5	141.8	15.2	99.0	0.3	54.9
LSD (0.10)	15.9	26.1	2.4	4.2	0.9	1.5
C.V.		12.5	10.6	2.8	244.7	1.8

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

+ No three-year data available. 2000 Franklin data not included.

Table 13E—ANNUAL SUMMARY, 2002, EARLY HYBRIDS (112 Days to Maturity or Earlier), HODGENVILLE, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
BECK'S 6262CB			204.4*	12.9	98.0	2.5	56.5
NK BRAND N63-G7	195.0*	201.6*	203.6*	12.2	100.0	1.5	55.6
SO. STATES SS670Bt	187.5*	191.4*	202.2*	12.7	100.0	8.1	55.1
GOLDEN HARVEST H-9231			201.9*	11.6	100.0	4.5	52.2
SEED CONSULTANTS SC1133			199.0*	11.2	100.0	4.0	53.7
PIONEER BRAND 33G26	187.6*	190.3*	197.0*	12.5	100.0	4.0	55.2
BIO GENE BG 1112(YG)			195.0*	12.6	100.0	5.1	55.3
PIONEER BRAND 34B24(YG)		205.3*	194.9*	12.1	100.0	5.1	54.6
DEKALB DKC62-15			193.8*	13.0	100.0	5.6	54.1
PIONEER BRAND 34B23	198.8*	208.1*	191.6*	11.4	100.0	0.5	56.1
EXSEGEN ES112		171.3	188.6*	10.1	100.0	5.6	54.2
GARST 8442			187.2*	11.6	100.0	5.1	56.6
SEED CONSULTANTS SC10R92			186.8*	11.0	100.0	3.0	53.2
PIONEER BRAND 34B97			185.0*	10.8	100.0	6.6	56.0
SO. STATES SS692Bt		189.9*	183.9*	13.4	100.0	5.6	56.3
DEKALB DKC61-25(YG)		150.2	183.5*	11.1	100.0	3.0	53.5
AGRIGOLD A6445		192.6*	182.5	10.5	100.0	2.5	52.5
WYFFELS W730		186.2	182.4	10.7	100.0	1.5	57.6
DEKALB DKC60-09(RR/YG)			181.4	10.9	100.0	2.5	54.0
CROPLAN GENETICS 631			179.9	12.0	100.0	2.0	52.9
AGRIGOLD A6434			179.1	12.9	100.0	2.5	54.0
AGRIGOLD A6490CL			179.0	11.6	100.0	6.1	55.8
LG SEEDS LG2540			177.8	12.9	100.0	5.6	54.0
VIGORO BRAND V5110		174.0	177.6	10.7	100.0	6.1	53.0
DYNA-GRO 5545			177.2	10.4	100.0	6.1	53.8
NK BRAND N70-A2			175.9	12.6	96.0	2.5	55.3
WYFFELS W6570			175.6	10.3	100.0	3.0	52.1
NK BRAND N65-M7			175.6	12.3	100.0	4.0	52.5
BECK'S 5422	177.5	173.5	175.5	10.0	100.0	6.1	53.1
AGRIGOLD A6545	181.5	188.3*	175.3	11.1	100.0	3.5	53.6
GATEWAY 9411Bt	180.4	183.6	171.8	10.4	100.0	1.0	52.1
MYCOGEN 7474		185.4	171.6	11.0	100.0	1.5	55.6
PFISTER 2550	187.5*	187.1	170.9	12.0	100.0	2.0	55.7
LG SEEDS LG2585		164.0	170.8	12.8	100.0	6.1	52.7
GATEWAY 1411Bt			169.3	10.6	97.0	1.0	55.5
STINE 9614Bt			168.9	12.5	100.0	3.5	55.4
CROPLAN GENETICS 691Bt			164.3	11.2	100.0	2.0	52.1
STINE 9616Bt			161.8	12.8	98.5	3.5	54.1
NK BRAND N68-K7			160.5	10.4	100.0	0.5	53.9
EARLY CHECK		156.4	158.3	11.2	100.0	4.5	54.3
EARLY AVERAGE	187.0	183.3	181.5	11.6	99.7	3.7	54.3
LSD (0.10)	15.0	20.3	21.8	2.3	1.9	5.7	1.8
C.V.			8.8	14.6	1.4	111.6	2.4

Table 13W—ANNUAL SUMMARY, 2002, WHITE HYBRIDS (112-118 Days to Maturity), HODGENVILLE, KY⁺.

BRAND/HYBRID	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 32T78(WH)	226.7*	17.5	100.0	2.0	58.1
ZIMMERMAN 1851W	222.2*	18.1	100.0	2.0	56.2
PIONEER BRAND 33T17(W)	215.0*	12.6	100.0	4.5	56.6
MEDIUM YELLOW CHECK	210.2*	13.0	100.0	1.5	58.0
PIONEER BRAND 32A85(WH)	205.3	15.9	100.0	2.5	58.1
BECK'S 6918W	197.5	16.1	93.9	3.1	58.0
ZIMMERMAN W7901	197.1	20.3	100.0	0.5	54.0
ZIMMERMAN W7812	194.4	19.0	100.0	1.0	55.4
EXSEGEN ES210W	186.5	15.2	100.0	0.5	57.0
WHITE AVERAGE	206.1	16.4	99.3	2.0	56.8
LSD (0.10)	19.4	2.8	5.0	2.7	1.2
C.V.	6.6	12.0	3.5	96.7	1.5

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

+ No two- or three-year data available for the White test. 2001 Glendale data not included.

Table 13M—ANNUAL SUMMARY, 2002, MEDIUM HYBRIDS (113-117 Days to Maturity), HODGENVILLE, KY⁺.

BRAND/HYBRID	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 33R77	245.8*	16.7	100.0	1.5	55.9
PIONEER BRAND 32W86	234.0*	13.5	100.0	0.0	58.3
PIONEER BRAND 33J57(YG)	228.0*	12.8	100.0	0.0	55.2
GARST 8348	224.7*	14.7	100.0	3.0	55.0
SEED CONSULTANTS 1140	222.0*	12.7	100.0	0.5	56.6
AGRIGOLD A6607	220.4*	14.2	100.0	2.5	55.8
SO. STATES SS740	219.9*	12.5	100.0	2.5	56.4
PIONEER BRAND 32H58	219.8*	15.2	100.0	1.5	58.8
BIO GENE BG1130	218.8*	13.8	100.0	7.1	57.2
PFISTER 3030Bt	215.8	13.6	100.0	2.5	54.3
GATEWAY 4151	215.7	16.5	100.0	0.5	57.2
LG SEEDS LG2699CL	214.8	14.2	100.0	1.0	56.8
GARST 8288	214.3	16.5	100.0	1.0	56.8
ASGROW RX772	213.9	12.9	100.0	1.5	55.1
PFISTER 3977Bt	213.4	17.4	100.0	1.0	56.4
LG SEEDS LG2601	212.7	14.6	100.0	2.0	56.6
PIONEER BRAND 32K64(YG)	212.5	12.7	100.0	3.5	56.8
DEKALB DKC64-10(RR)	211.8	13.4	100.0	1.5	54.3
WYFFELS 8273	211.5	14.1	100.0	4.0	53.2
GOLDEN HARVEST H-9504	209.8	16.6	100.0	0.5	57.1
BIO GENE BT4220(YG)	209.6	16.5	100.0	1.5	57.5
MYCOGEN 2A791	208.1	16.0	100.0	1.0	54.8
GOLDEN HARVEST H-9247Bt	208.0	11.6	100.0	0.0	56.9
MEDIUM CHECK	207.5	14.9	100.0	4.5	57.2
VIGORO BRAND V55Y21Bt	206.9	12.7	100.0	1.0	54.5
CAVERNDAL CF862	206.5	13.6	100.0	0.0	55.0
LG SEEDS LG2696	205.7	15.1	100.0	2.0	54.5
BIO GENE BG 1150(YG)	205.0	17.9	100.0	3.5	53.8
MYCOGEN 2833 Bt	204.1	16.4	100.0	0.5	53.4
VIGORO BRAND V5800	203.9	12.7	100.0	1.0	56.0
CAVERNDAL CF968Bt	202.5	16.7	100.0	2.0	56.7
PIONEER BRAND 33P67(YG)	202.5	15.1	100.0	5.6	56.4
GATEWAY 1615CL	202.5	16.8	100.0	0.0	56.3
CROPLAN GENETICS 747	201.8	14.8	100.0	1.5	55.8
AGRIGOLD A6490Bt	200.1	11.5	100.0	1.0	56.0
BIO GENE BG 1152(YG)	198.9	16.6	100.0	0.5	56.2
GOLDEN HARVEST H-9471	198.5	14.1	100.0	0.0	55.9
VIGORO BRAND V5520	198.1	14.6	100.0	1.5	54.2
CROW'S C5150	196.1	12.2	100.0	1.5	57.0
DYNA-GRO 5555RR	194.9	14.4	100.0	0.0	53.8
ASGROW RX740RR	194.2	13.1	100.0	1.0	56.6
CROPLAN GENETICS 678CL	193.9	12.9	100.0	0.0	56.3
AGRIGOLD A6710Bt	193.6	16.6	100.0	0.0	56.3
EXSEGEN ES312	193.3	13.1	100.0	3.0	54.6
GOLDEN HARVEST H-9364	190.8	12.6	100.0	1.0	54.5
SOUTHERN STATES SS732	190.3	12.8	100.0	3.0	54.8
BECK'S 7997CB	189.8	17.6	100.0	0.0	55.0
SO. STATES SS849CL	189.7	16.7	100.0	2.5	53.3
DYNA-GRO 57P35 Bt/RR	188.4	14.5	100.0	1.0	54.7
CROW'S 5165B	187.8	12.1	100.0	0.0	54.0
CROPLAN GENETICS 818Bt	186.9	16.4	100.0	1.0	54.8
CROW'S C5360	186.4	13.8	100.0	1.5	56.3
CROPLAN GENETICS 671Bt/CL	186.4	13.1	100.0	0.5	54.6
ADLER 3755Bt	185.5	11.4	92.9	1.7	56.1
DEKALB DKC66-50	185.4	14.0	100.0	6.1	54.7
SEED CONSULTANTS SC11BR62	184.1	14.9	100.0	1.5	54.9
SO. STATES SS842RR	182.2	17.0	100.0	4.5	53.4
WYFFELS W8210	181.4	13.6	100.0	2.0	56.4
LG SEEDS LG2622	180.0	14.6	96.5	0.0	53.2
ADLER 3300CF	175.4	12.9	100.0	1.0	55.8
DYNA-GRO 5467RR	161.9	11.9	97.5	2.0	53.1
MEDIUM AVERAGE	203.2	14.4	99.8	1.7	55.6
LSD (0.10)	29.4	2.3	1.8	3.1	1.8
C.V.	10.7	11.7	1.4	138.7	2.4

Table 13L—ANNUAL SUMMARY, 2002, LATE HYBRIDS (118 Days to Maturity or Later), HODGENVILLE, KY⁺.

BRAND/HYBRID	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
CROPLAN GENETICS DS822RR	224.5*	18.7	100.0	0.0	56.7
DEKALB DK697	221.4*	21.6	100.0	0.0	58.8
PIONEER BRAND 31A13(YG)	208.5*	17.0	100.0	0.0	59.0
PIONEER BRAND 31G98	204.2*	18.4	100.0	0.5	57.8
AGRIGOLD A6729Bt	189.0	17.9	99.5	0.0	55.6
LATE CHECK	168.7	16.4	100.0	0.0	56.1
LATE AVERAGE	202.7	18.3	99.9	0.1	57.3
LSD (0.10)	31.7	5.0	0.5	0.5	3.4
C.V.	10.6	18.3	0.4	424.2	4.0

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

+ No two- or three-year data available for the Medium and Late tests. 2001 Glendale data not included.

Table 14W—ANNUAL SUMMARY, 2002, WHITE HYBRIDS (112-118 Days to Maturity), LEXINGTON, KY⁺.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
EXSEGEN ES210W	160.4*	159.2*	138.4*	16.3	100.0	1.5	55.2
MEDIUM YELLOW CHECK		162.1*	137.9*	12.8	100.0	0.0	56.0
PIONEER BRAND 33T17(W)	161.5*	172.7*	137.2*	11.2	100.0	0.0	56.7
ZIMMERMAN W7901			119.3*	22.1	97.0	0.0	52.8
PIONEER BRAND 32T78(WH)			118.0*	15.4	96.2	0.8	56.8
PIONEER BRAND 32A85(WH)			111.8	11.6	100.0	3.8	58.0
BECK'S 6918W			103.6	24.0	100.0	1.5	54.1
ZIMMERMAN W7812			94.8	19.0	100.0	2.3	54.2
ZIMMERMAN 1851W	140.1	129.5	93.0	18.6	100.0	0.0	54.2
WHITE AVERAGE	154.0	155.9	117.1	16.8	99.2	1.1	55.3
LSD (0.10)	13.0	16.5	25.3	3.4	4.0	2.2	0.9
C.V.			11.6	11.0	2.2	108.2	0.9

Table 14L—ANNUAL SUMMARY, 2002, LATE HYBRIDS (118 Days to Maturity or Later), LEXINGTON, KY⁺.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
AGRIGOLD A6729Bt	176.7*	182.9*	142.1*	14.7	100.0	0.0	55.2
PIONEER BRAND 31A13(YG)		181.8*	128.8*	13.7	100.0	0.0	54.8
PIONEER BRAND 31G98	173.6*	172.8*	123.2*	10.8	100.0	2.3	55.3
DEKALB DK697			117.6*	13.9	100.0	1.5	53.4
CROPLAN GENETICS DS822RR			113.4	11.4	100.0	0.8	51.8
LATE CHECK		154.6	103.8	15.5	99.2	0.0	54.2
LATE AVERAGE	175.2	173.0	121.5	13.3	99.9	0.8	54.1
LSD (0.10)	10.7	14.3	24.5	3.6	0.9	3.3	1.5
C.V.			10.0	13.4	0.4	216.0	1.4

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

+ 2002 Lexington Early data not included.

Table 14M—ANNUAL SUMMARY, 2002, MEDIUM HYBRIDS (113-117 Days to Maturity), LEXINGTON, KY⁺.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
SO. STATES SS740		172.5*	146.4*	13.7	100.0	0.0	56.0
CROPLAN GENETICS 671Bt/CL			144.0*	12.9	100.0	0.0	54.9
WYFFELS 8273			143.2*	12.9	100.0	0.8	52.8
AGRIGOLD A6710Bt			142.8*	14.3	100.0	0.8	53.9
MYCOGEN 2A791			140.2*	13.8	100.0	0.8	53.5
CROPLAN GENETICS 747			139.6*	13.6	100.0	0.8	54.6
BIO GENE BG1130		165.1*	138.4*	13.7	100.0	0.0	55.3
PIONEER BRAND 33P67(YG)			137.6*	12.7	100.0	0.0	57.6
DEKALB DKC64-10(RR)		172.1*	137.4*	11.3	100.0	0.0	53.3
BIO GENE BG 1150(YG)			136.5*	16.6	100.0	0.8	54.1
GOLDEN HARVEST H-9247Bt		163.8*	134.9*	11.2	100.0	1.5	57.6
AGRIGOLD A6490Bt			133.6*	12.5	100.0	0.0	56.6
CROW'S 5165B			133.3*	11.3	100.0	0.0	54.2
CAVERNDALE CF968Bt			128.8*	13.8	100.0	1.5	55.0
BIO GENE BG 1152(YG)			128.7*	15.3	100.0	0.0	55.1
ASGROW RX772			128.5*	10.4	100.0	0.8	54.5
BECK'S 7997CB			126.5*	15.7	100.0	0.8	54.8
SOUTHERN STATES SS732			126.3*	11.8	100.0	2.3	55.7
LG SEEDS LG2601		158.5*	126.3*	12.5	100.0	2.3	56.9
ADLER 3755Bt			123.2*	11.5	100.0	1.5	56.3
LG SEEDS LG2696	152.9	151.1	123.0*	10.8	100.0	1.5	53.0
SO. STATES SS849CL	165.6*	161.3*	121.9*	15.5	94.7	0.8	50.9
ASGROW RX740RR		153.7	120.9*	12.3	100.0	3.0	56.0
CROW'S C5360		168.0*	119.2	10.4	94.7	0.0	55.3
PFISTER 3977Bt		162.1*	118.7	13.6	100.0	0.0	55.2
SEED CONSULTANTS SC11BR62			118.4	13.7	100.0	0.8	53.3
PIONEER BRAND 33R77		172.0*	117.4	11.8	100.0	0.8	53.8
CROPLAN GENETICS 678CL			116.8	10.8	100.0	0.0	56.5
DEKALB DKC66-50		147.6	116.4	13.5	100.0	3.0	54.0
CROPLAN GENETICS 818Bt			116.1	17.7	100.0	0.0	54.5
VIGORO BRAND V5800		168.4*	115.5	10.7	100.0	0.0	56.5
PIONEER BRAND 33J57(YG)		158.8*	113.5	11.0	100.0	0.0	57.0
EXSEGEN ES312		151.0	112.6	10.0	100.0	2.3	55.0
GOLDEN HARVEST H-9504		151.0	112.5	10.6	100.0	3.0	54.5
CROW'S C5150		155.7*	111.7	12.2	100.0	2.3	56.2
DYNA-GRO 5467RR			111.4	10.3	100.0	0.8	56.2
GOLDEN HARVEST H-9364		170.0*	111.2	10.5	100.0	3.0	55.4
DYNA-GRO 5555RR			111.1	11.4	100.0	0.8	55.7
BIO GENE Bt4220(YG)	163.7*	165.9*	110.9	13.8	100.0	0.8	55.4
PFISTER 3030Bt			110.8	11.3	100.0	0.8	53.0
GARST 8288		169.2*	110.8	13.3	100.0	0.8	55.6
MYCOGEN 2833 Bt	167.0*	168.4*	110.0	11.8	100.0	0.0	52.4
PIONEER BRAND 32H58		143.8	108.8	10.4	100.0	0.8	58.1
SEED CONSULTANTS 1140		153.0	107.7	10.6	100.0	1.5	55.1
DYNA-GRO 57P35 Bt/RR			107.7	11.8	100.0	1.5	55.5
ADLER 3300CF			106.6	12.1	100.0	0.0	58.1
GATEWAY 1615CL			106.2	17.7	100.0	1.5	52.4
AGRIGOLD A6607		154.7	105.4	11.6	100.0	3.0	56.2
PIONEER BRAND 32W86			105.1	11.5	100.0	2.3	56.3
SO. STATES SS842RR		144.1	102.8	10.9	100.0	0.0	52.1
LG SEEDS LG2699CL			101.2	13.4	100.0	1.5	54.3
GARST 8348			100.5	13.3	100.0	2.3	50.1
WYFFELS W8210			100.4	12.2	100.0	0.0	55.0
LG SEEDS LG2622			99.2	12.9	100.0	0.0	53.9
GOLDEN HARVEST H-9471	158.9*	154.9	99.1	10.3	100.0	0.0	56.1
VIGORO BRAND V5520		159.9*	98.8	10.5	100.0	3.0	54.4
VIGORO BRAND V55Y21Bt		150.2	98.7	10.3	100.0	0.8	50.0
CAVERNDALE CF862		139.1	96.8	10.0	100.0	2.3	54.5
MEDIUM CHECK		141.4	96.5	10.5	100.0	1.5	55.1
GATEWAY 4151		146.4	96.5	10.9	100.0	0.8	55.6
PIONEER BRAND 32K64(YG)		155.8*	95.2	10.1	100.0	0.0	57.5
MEDIUM AVERAGE	161.6	157.8	117.5	12.2	99.8	1.0	54.8
LSD (0.10)	12.8	17.2	25.8	2.5	2.2	2.6	3.2
C.V.			13.2	12.1	1.3	156.3	3.5

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.
+ 2002 Lexington Early data not included.

Table 15E—ANNUAL SUMMARY, 2002, EARLY HYBRIDS (112 Days to Maturity or Earlier), QUICKSAND, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 34B24(YG)		220.5*	203.5*	19.0	100.0	0.0	55.5
CROPLAN GENETICS 691Bt			199.4*	18.8	100.0	0.0	50.8
SEED CONSULTANTS SC10R92			191.2*	18.3	100.0	0.0	51.7
AGRIGOLD A6445		205.8*	190.7*	19.9	100.0	0.0	52.1
GATEWAY 9411Bt	173.3*	205.0*	190.4*	17.5	100.0	0.0	53.3
STINE 9614Bt			187.0*	20.6	100.0	0.0	55.1
NK BRAND N68-K7			174.5	16.7	100.0	0.0	53.4
DYNA-GRO 5545			174.4	16.8	100.0	0.0	51.6
EXSEGEN ES112		211.6*	174.4	18.2	100.0	0.0	52.5
NK BRAND N65-M7			171.8	16.0	100.0	0.0	51.7
PIONEER BRAND 33G26	165.1*	195.6	170.8	18.0	100.0	0.0	54.3
AGRIGOLD A6490CL			170.2	20.4	100.0	0.0	54.0
LG SEEDS LG2540			170.0	18.6	100.0	0.0	51.0
PFISTER 2550	153.6	184.2	169.1	18.9	100.0	0.0	53.1
AGRIGOLD A6434			167.9	14.5	100.0	0.0	51.5
SO. STATES SS692Bt		188.2	167.5	18.0	100.0	0.0	53.6
SEED CONSULTANTS SC1133			161.7	19.9	95.5	0.0	52.5
PIONEER BRAND 34B23	175.9*	198.3	161.5	17.1	100.0	0.5	54.5
GARST 8442			159.6	19.7	100.0	0.0	53.4
DEKALB DKC61-25(YG)		191.6	157.1	16.0	100.0	0.0	53.5
DEKALB DKC62-15			156.5	18.1	100.0	0.0	52.0
PIONEER BRAND 34B97			155.7	16.3	100.0	0.0	54.4
MYCOGEN 7474		168.7	155.1	17.3	100.0	0.0	52.5
DEKALB DKC60-09(RR/YG)			154.2	15.3	100.0	0.5	53.8
WYFFELS W730		175.5	153.8	20.1	100.0	0.5	53.1
WYFFELS W6570			150.6	18.3	100.0	0.0	51.4
BECK'S 5422	160.9	180.5	150.0	18.0	100.0	0.0	52.1
CROPLAN GENETICS 631			147.8	17.5	100.0	0.0	51.8
LG SEEDS LG2585		200.2	147.4	18.4	100.0	0.0	51.8
BECK'S 6262CB			145.6	18.7	100.0	0.0	52.2
GATEWAY 1411Bt			144.6	17.6	92.9	0.0	53.6
NK BRAND N63-G7	160.3	186.9	142.5	18.5	100.0	0.0	52.1
EARLY CHECK		177.1	140.9	17.6	100.0	0.0	52.9
STINE 9616Bt			140.8	22.6	100.0	0.0	50.6
GOLDEN HARVEST H-9231			136.0	20.7	94.4	0.0	50.9
VIGORO BRAND V5110		178.5	133.9	16.6	100.0	0.0	52.0
SO. STATES SS670Bt	154.7	176.9	132.8	18.8	100.0	1.0	52.1
AGRIGOLD A6545	160.4	186.2	123.9	19.6	100.0	0.0	50.2
BIO GENE BG 1112(YG)			118.0	19.5	96.0	0.0	52.0
NK BRAND N70-A2			111.1	18.0	93.9	0.0	53.8
EARLY AVERAGE	163.0	190.6	158.8	18.3	99.3	0.1	52.6
LSD (0.10)	12.9	18.5	27.0	2.3	3.8	0.4	1.6
C.V.			12.5	9.2	2.8	438.2	2.3

Table 15W—ANNUAL SUMMARY, 2002, WHITE HYBRIDS (112-118 Days to Maturity), QUICKSAND, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
ZIMMERMAN W7812			200.7*	24.9	98.0	0.0	55.6
MEDIUM YELLOW CHECK		213.5*	196.6*	26.0	100.0	1.0	56.3
ZIMMERMAN W7901			190.5*	27.5	100.0	0.0	56.8
PIONEER BRAND 32T78(WH)			188.4*	25.1	94.4	0.0	57.9
EXSEGEN ES210W	165.2*	201.5*	182.2*	24.1	96.5	4.5	54.8
BECK'S 6918W			176.7	28.3	98.0	0.0	59.7
ZIMMERMAN 1851W	171.6*	193.2	175.3	25.7	93.9	0.0	53.7
PIONEER BRAND 33T17(W)	166.8*	177.9	169.2	22.9	91.9	1.0	56.1
PIONEER BRAND 32A85(WH)			158.1	24.9	98.5	0.0	56.7
WHITE AVERAGE	167.9	196.5	181.9	25.5	96.8	0.7	56.4
LSD (0.10)	10.0	13.8	21.7	1.7	8.1	3.1	2.5
C.V.			8.4	4.7	5.8	300.4	3.1

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

Table 15M—ANNUAL SUMMARY, 2002, MEDIUM HYBRIDS (113-117 Days to Maturity), QUICKSAND, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 32W86			230.9*	22.3	100.0	0.0	56.5
SO. STATES SS842RR		224.7*	224.5*	26.6	100.0	0.5	54.3
VIGORO BRAND V5800		224.2*	214.1*	24.9	100.0	0.0	55.6
CROW'S 5165B			212.3*	23.1	100.0	0.0	53.0
LG SEEDS LG2699CL			210.2*	24.6	100.0	0.0	54.1
SO. STATES SS740		218.8*	209.7*	23.0	100.0	0.0	54.6
GARST 8348			207.0*	21.8	100.0	0.0	54.0
LG SEEDS LG2601		217.9*	206.9*	23.5	100.0	0.0	54.7
PIONEER BRAND 32H58		216.2*	206.0*	24.2	100.0	0.0	56.8
MYCOGEN 2833 Bt	175.6	204.3	205.6*	23.0	100.0	0.0	53.5
CROPLAN GENETICS 818Bt			205.2*	25.5	100.0	0.0	56.8
MEDIUM CHECK		217.6*	204.9*	23.8	100.0	0.0	53.6
BIO GENE BG1130		212.6*	204.3*	22.9	100.0	0.0	55.0
PIONEER BRAND 33R77		217.2*	204.2*	23.0	100.0	0.0	55.3
PIONEER BRAND 33J57(YG)		216.6*	203.7	22.6	100.0	0.0	55.1
PIONEER BRAND 33P67(YG)			202.7	23.0	100.0	0.0	55.3
CAVERNDALE CF968Bt			202.5	23.7	98.0	0.0	55.0
GATEWAY 1615CL			200.9	26.7	100.0	0.5	57.3
PFISTER 3977Bt		218.4*	200.7	25.8	100.0	0.0	52.6
WYFFELS 8273			198.5	22.7	100.0	0.0	51.9
DEKALB DKC64-10(RR)		207.7	197.0	21.5	100.0	0.0	53.5
LG SEEDS LG2696	165.4	198.8	196.8	26.9	100.0	0.0	53.9
DYNA-GRO 5467RR			195.7	21.1	100.0	0.0	53.2
SOUTHERN STATES SS732			195.1	21.5	100.0	0.0	52.3
BIO GENE BG 1150(YG)			195.1	25.9	100.0	0.0	52.6
BIO GENE BT4220(YG)	185.1*	212.9*	194.9	24.8	100.0	0.0	54.6
PFISTER 3030Bt			194.9	25.1	100.0	0.0	52.7
GARST 8288		202.4	194.9	27.1	100.0	0.0	58.3
PIONEER BRAND 32K64(YG)		200.6	194.1	18.8	100.0	0.0	55.7
DEKALB DKC66-50		208.4	194.1	23.4	100.0	0.0	53.0
GOLDEN HARVEST H-9471	192.0*	216.9*	190.7	25.8	100.0	0.0	54.1
GATEWAY 4151		198.9	189.7	24.0	100.0	0.0	54.5
CROW'S C5150		215.9*	189.6	24.0	100.0	0.0	54.9
VIGORO BRAND V5520		208.0	189.1	23.3	100.0	0.0	52.7
ASGROW RX772			187.9	21.0	97.0	0.0	53.9
SEED CONSULTANTS 1140		209.5*	186.1	24.8	100.0	0.0	54.2
MYCOGEN 2A791			183.5	24.3	100.0	0.0	55.9
BIO GENE BG 1152(YG)			183.3	23.4	100.0	0.0	52.8
AGRIGOLD A6490Bt			182.7	20.9	100.0	0.0	55.8
GOLDEN HARVEST H-9504		197.5	181.8	24.4	100.0	0.0	54.4
VIGORO BRAND V55Y21Bt		212.7*	181.5	22.0	100.0	0.0	53.9
SEED CONSULTANTS SC11BR62			180.7	23.3	100.0	0.0	53.1
EXSEGEN ES312		187.6	180.5	19.0	90.9	0.0	53.0
CAVERNDALE CF862		191.3	179.4	22.1	100.0	0.0	52.5
DYNA-GRO 57P35 BT/RR			178.9	24.2	100.0	0.0	53.4
GOLDEN HARVEST H-9364		204.0	178.6	21.5	100.0	0.0	52.1
CROW'S C5360		198.2	176.0	23.5	98.5	0.0	51.9
CROPLAN GENETICS 671Bt/CL			175.9	23.2	100.0	0.0	53.4
AGRIGOLD A6710Bt			175.4	24.9	100.0	0.0	54.5
AGRIGOLD A6607		203.8	174.4	25.5	98.5	0.0	53.6
SO. STATES SS849CL	182.8*	197.5	174.2	25.5	100.0	0.0	52.3
ADLER 3300CF			173.9	22.8	100.0	0.0	52.8
BECK'S 7997CB			173.5	26.4	98.0	0.0	54.7
CROPLAN GENETICS 678CL			171.4	21.8	100.0	0.0	53.7
LG SEEDS LG2622			168.6	23.5	100.0	1.0	51.1
WYFFELS W8210			167.9	25.0	100.0	0.0	54.0
ADLER 3755Bt			166.1	21.9	100.0	0.0	53.8
ASGROW RX740RR		182.8	163.7	23.5	100.0	0.0	53.7
DYNA-GRO 5555RR			163.4	25.2	100.0	0.0	53.0
GOLDEN HARVEST H-9247Bt		173.4	156.5	22.8	100.0	0.0	53.9
CROPLAN GENETICS 747			156.4	24.5	100.0	0.0	53.0
MEDIUM AVERAGE	180.2	206.8	190.3	23.6	99.7	0.0	54.0
LSD (0.10)	12.3	16.1	27.0	2.0	3.1	0.4	2.7
C.V.			10.5	6.2	2.3	848.5	3.6

Table 15L—ANNUAL SUMMARY, 2002, LATE HYBRIDS (118 Days to Maturity or Later), QUICKSAND, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PIONEER BRAND 31G98	217.6*	234.0*	214.3*	26.8	100.0	0.0	58.1
AGRIGOLD A6729Bt	183.4	200.3	200.0*	25.4	100.0	0.0	58.1
DEKALB DK697			196.1*	26.6	100.0	0.5	56.4
PIONEER BRAND 31A13(YG)		205.5	192.9	25.7	100.0	0.0	55.6
CROPLAN GENETICS DS822RR			191.8	26.1	100.0	0.5	56.4
LATE CHECK		166.9	152.8	27.7	94.9	0.0	57.5
LATE AVERAGE	200.5	201.7	191.3	26.4	99.2	0.2	57.0
LSD (0.10)	11.0	14.1	19.7	1.5	5.3	0.7	3.7
C.V.			6.9	3.9	3.6	300.0	4.3

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

Table 16A—ANNUAL SUMMARY, 2002, HIGH OIL HYBRIDS (113-117 Days to Maturity), LEWISPORT, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PFISTER SK3977-19	174.6*	176.3*	131.0*	19.1	71.9	2.7	53.3
WYFFELS W7355TC	162.1	170.7*	123.9*	14.1	74.4	10.9	55.1
PFISTER SK2550-19	163.6	168.0*	121.9*	16.3	75.0	3.4	55.4
BECK'S 5727TC		149.9	115.8*	14.6	76.3	2.5	56.3
BECK'S 5322TC		169.2*	115.3*	13.9	78.8	0.9	54.3
WYFFELS W5546			114.0*	12.4	84.4	2.2	54.2
PIONEER BRAND 34B25		162.4	111.4	12.2	66.9	7.2	54.9
BO-JAC 2820H0			99.7	14.9	63.8	2.9	54.4
WYFFELS W6985			92.6	11.4	77.5	4.2	53.9
HIGH OIL AVERAGE	166.8	166.1	114.0	14.3	74.3	4.1	54.6
LSD (0.10)	10.7	13.1	17.2	2.2	14.7	5.8	1.4
C.V.			8.1	8.3	10.6	76.0	1.4

Table 16B—ANNUAL SUMMARY, 2002, HIGH OIL HYBRIDS (113-117 Days to Maturity), FULTON, KY.

BRAND/HYBRID	YIELD BU/AC 00-02	YIELD BU/AC 01-02	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PFISTER SK3977-19	185.7*	197.8	202.9*	11.8	81.3	4.6	55.6
PIONEER BRAND 34B25		214.1*	202.1*	10.3	77.1	2.3	56.2
BECK'S 5322TC		201.5*	200.4*	10.5	76.3	2.2	53.9
WYFFELS W5546			194.4*	10.2	87.9	0.0	53.7
PFISTER SK2550-19	187.8*	205.7*	188.6*	10.8	79.2	2.2	56.7
WYFFELS W7355TC	186.6*	197.5	184.5*	10.6	79.2	2.6	56.6
WYFFELS W6985			163.2	10.4	77.9	0.0	54.7
BO-JAC 2820H0			147.5	10.9	61.3	1.3	57.5
BECK'S 5727TC		167.5	142.8	10.6	66.7	3.0	55.8
HIGH OIL AVERAGE	186.7	197.3	180.7	10.7	76.3	2.0	55.6
LSD (0.10)	10.6	14.3	24.2	0.7	11.1	2.7	1.1
C.V.			9.4	4.4	10.2	93.4	1.4

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

Table 16C—ANNUAL SUMMARY, 2002, HIGH OIL HYBRIDS, TWO LOCATIONS⁺.

BRAND/HYBRID	YIELD BU/AC 2002	% MOIST 2002	% STAND 2002	TOT % LODGED 2002	TEST WT LBS/BU 2002
PFISTER SK3977-19	167.0*	15.4	76.6	3.6	54.5
BECK'S 5322TC	157.8*	12.2	77.5	1.6	54.1
PIONEER BRAND 34B25	156.8*	11.2	72.0	4.8	55.5
PFISTER SK2550-19	155.2*	13.6	77.1	2.8	56.0
WYFFELS W7355TC	154.2*	12.3	76.8	6.7	55.8
WYFFELS W5546	154.2*	11.3	86.1	1.1	54.0
BECK'S 5727TC	129.3	12.6	71.5	2.8	56.0
WYFFELS W6985	127.9	10.9	77.7	2.1	54.3
BO-JAC 2820H0	123.6	12.9	62.5	2.1	56.0
HIGH OIL AVERAGE	147.3	12.5	75.3	3.1	55.1
LSD (0.10)	15.9	1.4	4.8	3.6	1.8

Table 16D—TWO-YEAR SUMMARY, 2001-2002, HIGH OIL HYBRIDS, LEWISPORT AND FULTON, KY⁺.

BRAND/HYBRID	YIELD BU/AC 01-02	% MOIST 01-02	% STAND 01-02	TOT % LODGED 01-02	TEST WT LBS/BU 01-02
PIONEER BRAND 34B25	188.2*	12.4	84.0	4.3	54.4
PFISTER SK3977-19	187.0*	15.5	82.6	4.0	53.7
PFISTER SK2550-19	186.8*	13.3	83.5	4.3	54.3
BECK'S 5322TC	185.4*	13.0	79.6	4.2	52.7
WYFFELS W7355TC	184.1*	13.3	81.1	6.2	55.1
BECK'S 5727TC	158.7	13.6	74.8	3.6	54.5
HIGH OIL AVERAGE	181.7	13.5	80.9	4.4	54.1
LSD (0.10)	10.8	1.0	4.2	2.7	1.2

Table 16E—THREE-YEAR SUMMARY, 2000-2002, HIGH OIL HYBRIDS, LEWISPORT AND FULTON, KY⁺.

BRAND/HYBRID	YIELD BU/AC 00-02	% MOIST 00-02	% STAND 00-02	TOT % LODGED 00-02	TEST WT LBS/BU 00-02
PFISTER SK3977-19	180.2*	14.3	85.0	5.0	54.5
PFISTER SK2550-19	175.7*	12.6	83.0	5.5	56.0
WYFFELS W7355TC	174.4*	12.8	81.1	7.1	55.8
HIGH OIL AVERAGE	176.7	13.2	83.0	5.9	55.4
LSD (0.10)	9.5	0.8	3.9	3.3	0.9

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

Table 16F—ANNUAL SUMMARY, 2002, HIGH OIL HYBRIDS, CHEMICAL COMPOSITION, LEXINGTON, KY.

BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....		
BECK'S 5322TC	12.6	6.5	58.8
BECK'S 5727TC	11.3	7.8	61.5
BO-JAC 2820HO	11.9	7.2	58.7
PFISTER SK3977-19	11.5	6.8	59.4
PFISTER SK2550-19	11.1	6.6	61.7
PIONEER BRAND 34B25	11.2	6.5	60.7
WYFFELS W5546	12.7	7.4	59.0
WYFFELS W6985	11.4	7.0	62.0
WYFFELS W7355TC	11.3	7.0	61.7
HIGH OIL AVERAGE	11.7	7.0	60.4

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

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