



2001 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 2001 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, 4M, 4L, 5E, 5M, 5L, 6E, 6M and 6L), 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 in the same or a different maturity group test. Hybrids are grouped into early, medium, and late maturity groups based on days to maturity classification 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 *Maturity Comparisons* and the *Experimental Design and Means Comparisons* text sections for more detail.

Testing Procedure

Selection of Hybrids

The hybrids chosen for testing are those most likely to be available for sale in 2002. 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 (113-117 days to maturity), and/or late (118 days to maturity or later) 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

The Princeton, Hopkinsville, Fulton, Henderson, and Glendale test locations were planted no-till in soybean residues. The Lexington and Quicksand tests were planted in conventionally tilled seedbeds following soybeans and corn. Fertilizer was applied as indicated by soil tests.

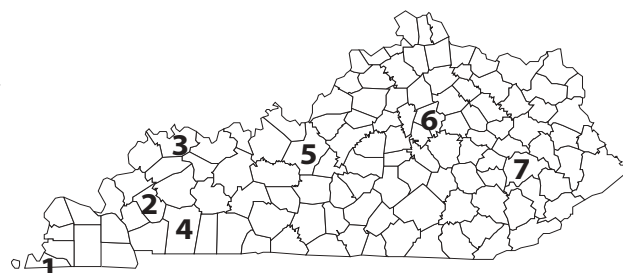
All test areas were treated with herbicide(s) and supplemented by post-emergence cultivation and/or herbicide when necessary. Force was applied in the row at planting to control corn rootworms. Table 3 shows the specific cultural treatment for each location.

List of Tables

Table 1	Precipitation at Test Locations 2001.
Table 2	Hybrids Tested in 2001.
Table 3	Agronomic Information for 2001 Test Locations.
Table 4	Early Hybrids, Annual, 2-Year, and 3-Year Summaries, All Locations.
Table 5	Medium Hybrids, Annual, 2-Year, and 3-Year Summaries, All Locations.
Table 6	Late Hybrids, Annual, and 2-Year Summaries, All Locations.
Table 7	Annual Summary, E,L,M, Chemical Composition, 2001, All Locations.
Table 8	Annual Summary, E,L,M, Fulton (map position 1).
Table 9	Annual Summary, E,L,M, Princeton (map position 2).
Table 10	Annual Summary, E,L,M, Robards (map position 3).
Table 11	Annual Summary, E,L,M, Hopkinsville (map position 4).
Table 12	Annual Summary, E, Glendale (map position 5).
Table 13	Annual Summary, E,L,M, Lexington (map position 6).
Table 14	Annual Summary, E,L,M, Quicksand (map position 7).
Table 15A	Annual Summary, High Oil Test, Robards (map position 3).
Table 15B	Annual Summary, High Oil Test, Fulton (map position 1).
Table 15C	Annual Summary, High Oil Test, Lexington (map position 6).
Table 15D	Annual Summary, High Oil Test, All Locations.
Table 15E	2-Year Summary, High Oil Test, Fulton, Lexington, & Robards.
Table 15F	Annual Summary, Chemical Composition, 2001, High Oil Hybrids, Lexington.

E=Early, L=Late, M=Medium

Locations of the 2001 Hybrid Corn Performance Test



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 B have the same yield in this test. However, the difference between variety A and 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 indicate 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 coefficient of variation (C.V.) is a measurement of the variation that exists among hybrids in a test. 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, which 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/row. When seedlings were 12 to 18 inches tall, the plots were thinned to 33 plants/row, which equals a plant population of 26,000 plants/ac.

Harvesting

All plots were harvested with a modified 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 then transferred 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 Rick Bessin, Ph.D., Department of Entomology, University of Kentucky). The most severe indications of European corn borer damage (more than 50% broken tops) were observed at the Princeton and Glendale locations. The least damage was observed at the Fulton and Quicksand locations (10 to 15% broken tops). Other locations (Hopkinsville, Lexington, and Henderson) had some damage due to European corn borer. 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, and late maturity test at each location. These samples were analyzed by the Kentucky Grain Quality Laboratory at Lexington¹ using Near Infrared Reflectance Spectroscopy (NIRS). The chemical analyses were determined using equations from ISI Inc. The NIRS analysis provided evaluation of protein, starch, and oil and is presented in Table 7 for grain at 0% moisture.

Since grain used in feed rations contains some moisture, the composition variables provided in Tables 7 and 15 should possibly be used at a moisture content that is different than the 0% shown in Tables 7 and 15. To convert to a suitable moisture content—for example, 15% moisture—multiply the values in Tables 7 or 15 by 0.85. For any other moisture content, multiply the values by (100 - % 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 three-location average yield data are available in Table 15D. A 20-to-25 plant hand-pollinated sample from each replication of the Lexington test was analyzed for chemical composition.

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

The grain was analyzed by the Illinois Crop Improvement Association IPG Laboratory at Champaign, Ill.² using NIRS. The chemical composition values presented in Table 15F are given for grain at 0% moisture.

Maturity Comparisons

The division of the Kentucky Hybrid Corn Performance Test into three tests—early, medium, and late maturities, was to provide evaluations of the three maturity group hybrids without competition biases. The three tests were grown at every location for a total of 21 tests.

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

The medium maturity hybrid group in Table 4M and all subsequent “M” tables include 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 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. in Champaign, Ill.

Notes about the 2001 Growing Season

Fulton (Fulton County)

The Fulton County test was planted on April 10 and 11. The test was thinned on May 23. Plant populations and early weed control were good. The previous crop was soybeans. European corn borers caused some damage to the entire crop. A high oil test was also conducted at this location.

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

The Princeton test was planted on April 29 in soybean residue and was thinned on June 5. Weed control was excellent during the entire season. This location had considerable damage due to European corn borers but not much Southwestern corn borer damage.

Hopkinsville (Christian County)

The Hopkinsville test was planted on April 17 and thinned on May 24. Weed control was excellent throughout the season. This location had some European corn borer damage.

Robards (Henderson County)

The Henderson County test was planted on April 30 in soybean residue and thinned on June 5. There were some weed problems but no insect problems. A high oil test was also grown at this location.

Glendale (Hardin County)

The Glendale test was planted no-till in soybean crop residue on April 19 and was thinned on June 1. Weed control was good throughout the growing season. There were no disease problems occurred but there was significant European corn borer damage. The medium and late tests were dropped due to extreme variability with C.V.s greater than 20% for the medium and 30% for the late test.

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

The Lexington test was planted on April 26 and thinned on May 29. A high oil test was also grown at this location. This location had excellent weed control throughout the entire season. There was some European corn borer damage.

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

The Quicksand test was planted on May 3 and thinned on June 11. Early season weed control and seedling emergence were excellent for most plots. Vines, johnsongrass and cocklebur were present in some areas. This location had little or no lodging and excellent rainfall during the entire growing season.

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 the extreme drought conditions during the growing season.

Acknowledgements

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

The authors are also grateful to Michael Montross, Ph.D., and the Kentucky Corn Growers Association for the assistance of the Grain Quality Laboratory, which processed more than 900 grain samples. The authors are also grateful to the following farmer-cooperators, who not only provided land for testing but help with the tests throughout the growing season: Rob and Robert Garrigan and family in Fulton, Jim Shelton in Hopkinsville, Scott Langley in Glendale, and Claude Watkins and family in Robards.

² The IPG Laboratory is a service provided by the Illinois Crop Improvement Association.

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Mention or display of a trademark, proprietary product, or firm in text or figures does not constitute an endorsement and does not imply approval to the exclusion of other suitable products or firms.

Table 1. Precipitation At Test Locations, 2001.

Month	Days	Location						
		Fulton	Princeton	Henderson	Glendale	Lexington	Quicksand	Hopkinsville
April	1-8	1.26	1.10	1.52	1.29	0.77	0.79	0.97
	9-16	0.32*	0.55	0.40	0.43	0.14	0.48	0.78
	17-24	0.29	0.51	0.48	0.24*	0.23	0.17	0.50*
	25-30	0.00	0.00*	0.00*	0.00	0.00*	0.25	0.00
	Total	1.87	2.16	2.40	1.96	1.14	1.69	2.25
May	1-8	0.35	0.51	0.56	2.04	1.05	0.36*	1.33
	9-16	0.10	0.00	0.00	0.05	0.26	0.21	0.44
	17-24	2.53	1.40	1.77	2.30	4.17	3.27	2.26
	25-31	0.77	0.55	1.02	0.37	0.27	0.42	0.27
	Total	3.75	2.46	3.35	4.76	5.75	4.26	4.30
June	1-8	1.74	3.53	0.86	2.27	1.67	2.43	2.15
	9-16	0.00	0.05	0.20	0.41	0.40	0.30	0.56
	17-24	0.89	0.98	1.22	0.68	0.69	0.21	0.82
	25-30	0.15	0.24	0.00	0.75	0.06	0.42	0.91
	Total	2.78	4.80	2.28	4.11	2.82	3.36	4.44
July	1-8	0.01	0.37	0.15	1.11	0.76	2.04	0.32
	9-16	0.10	0.07	0.76	0.11	0.64	0.24	0.29
	17-24	2.86	2.28	0.74	1.30	1.80	1.07	2.07
	25-31	4.31	2.74	1.91	3.91	2.59	3.08	1.01
	Total	7.28	5.46	3.56	6.43	5.79	6.43	3.69
August	1-8	0.12	0.47	0.31	0.60	1.48	0.13	1.32
	9-16	1.90	0.82	1.15	1.42	0.49	1.47	1.13
	17-24	1.09	1.58	1.92	0.03	0.26	0.24	1.09
	25-31	0.90	1.09	0.67	0.67	0.65	0.33	2.42
	Total	4.01	3.96	4.05	2.72	2.88	2.17	5.96
Sept.	1-8	0.69	1.24	0.85	0.73	0.65	0.47	0.64
	9-16	0.10**	0.18	2.03	0.72	0.27	0.04	0.28
	17-24	3.11	2.10	0.44**	0.95**	1.47**	0.81	1.15**
	25-30	0.00	0.00**	0.00**	0.00	0.04	0.00	0.00
	Total	3.90	3.52	3.32	2.40	2.43	1.32	2.07
Grand Total		23.59	22.36	18.96	22.38	20.81	19.23	22.71

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

Table 2. Hybrids Tested In 2001.

	Hybrid	Test+	Color	Days to Maturity++	Source
Adler Seeds	3260CF	E	Yellow	111	Adler Seed 6085 W 550 N Sharpsville, IN 46068
	3460CF	M	Yellow	113	
Agrigold	A-6545	E	Yellow	112	Agrigold Hybrids RR#1 Box 203 St. Francisville, IL 62460
	A-6445	E	Yellow	109	
	A-6729Bt	L	Yellow	118	
	A-6469Bt	E	Yellow	110	
	A-6720	L	Yellow	118	
	A-6607	M	White	114	
	A-6620	L	Yellow	116	
	A-6477	E	Yellow	110	
	A-3034CL	M	Yellow	113	
	A-3102	M	Yellow	114	
Agventure	AV813	E	Yellow	110	Donley Seed 709 East 4th New Albany, IN 47150
	AV873	M	Yellow	115	
	AV842	E	Yellow	110	
Beck's	5912W	E	White	112	Beck's Superior Hybrids 6767 E. 276th Street Atlanta, IN 46031
	5422	E	Yellow	110	
	7997	M	Yellow	115	
	8280CL	M	Yellow	116	
	5727TC		High Oil		
	5322TC		High Oil		
Bio Gene	BG 316	M	Yellow	114	Bio Gene 5491 Tri County Hwy. Sardinia, OH 45171
	BT 4220	M	Yellow	117	
	BG 1130	M	Yellow	113	
	BG 422	E	Yellow	116	
	BG 1091	M	Yellow	112	
	BT 311	E	Yellow	111	
Caverndale Farms	CF813	E	Yellow	112	Caverndale Farms, Inc. 1921 Bluegrass Road Danville, KY 40422
	CF873	M	Yellow	117	
	CF965	M	Yellow	117	
	CF940	M	Yellow	116	
	CF862	M	Yellow	116	
Croplan Genetics	743	E	Yellow	112	Land O' Lakes Croplan Genetics P.O. Box 146 Blytheville, AR 72316-0146
	767CL	E	Yellow	112	
	762CL	E	Yellow	108	
	1167CL	M	Yellow	113	
	678	E	Yellow	109	
	818	M	Yellow	116	
	744Bt	E	Yellow	112	
Crow's	C496Bt	E	Yellow	112	Crow's Hybrid Corn Co. P.O. Box 157 Kentland, IN 47951
	C5029	E	Yellow	112	
	C5150	M	Yellow	113	
	C5360	M	Yellow	113	
Dyna-Gro	5505RR	E	Yellow	112	UAP Mid-South 57 Germantown Court Suite 200 Cordova, TN 38018
	15560Bt	M	Yellow	115	
	5570	M	Yellow	116	
	5518	L	Yellow	118	
Exsegen	ES519	M	Yellow	115	Miles Seed P.O.Box 22879 Owensboro, KY 42304
	ES617	M	White	116	
	ES210W	E	White	112	
	ES112	E	Yellow	111	
	ES312	M	Yellow	114	
	Wyffels W730	E	White	112	
	Wyffels W7035Bt		High Oil	111	
	Wyffels W7355		High Oil	112	
	Wyffels W8215		High Oil		

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Table 2. Hybrids Tested In 2001 (continued).

	Hybrid	Test+	Color	Days to Maturity++	Source
Garst	8464IT	E	Yellow	111	Garst Seed Co. 7728 State Road 1241 Hickory, KY 42051
	8362IT	M	Yellow	114	
	8328Bt/IT	M	Yellow	115	
	8288	M	Yellow	117	
Gateway	9411Bt	E	Yellow	111	Gateway Seed Company 5517 VanBuren Road Nashville, IL 62263
	1157	M	Yellow	115	
	4151	M	Yellow	115	
Golden Harvest	H-9012	E	Yellow	111	Golden Harvest R.R. 3, Box 257 Clinton, IL 61727
	H-9247Bt	M	Yellow	113	
	H-9471	M	Yellow	114	
	H-9364	M	Yellow	114	
L G Seeds	H-9504	M	Yellow	116	LG Seeds, Inc. 22827 Shissler Rd. Elmwood, IL 61529
	LG2585	E	Yellow	111	
	LG2595	E	Yellow	112	
	LG2601	M	Yellow	113	
	LG2606	M	Yellow	113	
	LG2670	M	Yellow	115	
Monsanto	LG2696	M	Yellow	116	Monsanto 3100 Sycamore Rd. Dekalb, IL 60115
	Asgrow RX740RR	M	Yellow	114	
	Asgrow RX828YG	M	Yellow	116	
	Dekalb DKC61-25YG	E	Yellow	111	
	Dekalb DKC63-03	M	Yellow	113	
	Dekalb DKC64-10(RR)	M	Yellow	114	
	Dekalb DKC66-50	M	Yellow	116	
Dekalb DKC69-70YG	L	Yellow	118		
Mycogen	2767(Bt)	E	Yellow	112	Mycogen Seeds 9330 Zionsville Rd. Indianapolis, IN 46268
	7474	E	Yellow	112	
	8070	M	Yellow	116	
	2833(Bt)	M	Yellow	115	
Pfister Hybrids	2550	E	Yellow	111	Pfister Hybrid Corn Co. 187N.Fayette ST. EL.Paso, IL 61738
	3977Bt	M	Yellow	115	
	SK2550-19		High Oil		
	SK2680-19		High Oil		
Pioneer Brand	3977-19		High Oil		Pioneer Hi-Bred Int'l 6767 Old Madison Pike Suite 110 Huntsville, AL 35806
	33T17(W)	M	White	113	
	34B23	E	Yellow	108	
	33J56	M	Yellow	113	
	33G26	E	Yellow	112	
	34B24(YG)	E	Yellow	110	
	33G30(YG)	E	Yellow	112	
	32H58	M	Yellow	116	
	33R77	M	Yellow	114	
	32K64(YG)	M	Yellow	114	
	32K72W	M	White	114	
	31G98	L	Yellow	117	
	31A13	L	Yellow	118	
	33J57(YG)	M	Yellow	113	
34B25		High Oil			
Prairie Stream Farms	SX5796	M	Yellow	116	Prairie Stream Farms 2175 E.Kelley Rd Frankfort, IN 46041
	SX5401	M	Yellow	114	
	SX5601	M	Yellow	114	
Royster Clark	Vigoro Brand V5800	M	Yellow	116	Royster-Clark Inc. 70 N.Market St. Mt. Sterling OH 43143
	Vigoro Brand V5620	M	Yellow	116	
	Vigoro Brand V55Y21(Bt)	M	Yellow	115	
	Vigoro Brand V5520	M	Yellow	115	
	Vigoro Brand V5110	E	Yellow	111	

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Table 2. Hybrids Tested In 2001 (continued).

	Hybrid	Test+	Color	Days to Maturity++	Source
Seed Consultants	SC1140	M	Yellow	114	Seed Consultants, Inc. P.O. Box 370 648 Miami Trace Rd. SW Washington Court House OH 43160-0370
	SC1151	M	Yellow	115	
Southern States	SS670Bt	E	Yellow	110	Southern States Coop. P.O. Box 26234 Richmond, VA 23260
	SS692Bt	E	Yellow	111	
	SS842RR	M	Yellow	117	
	SS781CL	M	Yellow	117	
	SS740	M	Yellow	115	
	SS849CL	M	Yellow	117	
Syngenta Seeds	SS900Bt	L	Yellow	120	Syngenta Seeds 7500 Olson Memorial Hwy. Golden Valley, MN 55427
	NK BRAND N58-D1(Bt)	E	Yellow	108	
	NK BRAND N63-G7	E	Yellow	110	
	NK BRAND N67-T4(Bt)	E	Yellow	111	
	NK BRAND N72-V7	M	Yellow	113	
Zimmerman	1851W	M	White	116	Wilson Genetics, L.L.C. (Zimmerman Brand) P.O. Box 391 Harlan, IA 51537
	E8272	L	Yellow	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 and H0 = High oil test.
 ++ Data provided by seed companies.

Table 3. Agronomic Information Pertaining To 2001 Test Locations.

Location and Cooperator	Soil Type	Fertilizer lb/acre	Herbicide	Insecticide	Planting Dates	Harvest Dates
1) Fulton, KY Rob Carrigan Farm	Memphis Silt Loam	N -200 P ₂ O ₅ - 0 K ₂ O - 0	Bicep II Magnum Gramoxone Max	Warrior T Force 1.5G	April 10 &11	Sept. 13 &14
2) Princeton, KY Western Kentucky Res. & Ed. Center	Huntington & Lindsie Silt Loam	N -185 P ₂ O ₅ - 0 K ₂ O -105	Bicep II Magnum Exceed	Force 1.5G	April 24	Sept. 26
3) Robards, Ky Claude Watkins Farm	Falaya	N -185 P ₂ O ₅ - 80 K ₂ O -115	Harness Extra Aatrex Pounce	Force 1.5G	April 30	Sept. 24 &25
4) Hopkinsville, Ky Jim Shelton Farm	Pembroke	N -180 P ₂ O ₅ - 70 K ₂ O -90	Atrazine Aatrex	Force 1.5G	April 17	Sept. 17
5) Glendale, KY Scott Langley Farm	Pembroke	N -160 P ₂ O ₅ - 46 K ₂ O - 60	Harness Extra	Warrior Force 1.5G	April 19	Sept. 18
6) Lexington, KY K.A.E.S. Spindletop Farm	Maury Silt Loam	N -200 P ₂ O ₅ - 0 K ₂ O -100	Bicep II Magnum	Force 1.5G	April 26	Sept. 21 Oct. 01
7) Quicksand, KY Robinson Forest Station	Philo Silt Loam	N -125 P ₂ O ₅ - 0 K ₂ O - 0	Bicep II Magnum Exceed	Force 1.5G	May 03	Oct. 02 &03

Table 4E-1YR. Annual Summary 2001. Early Hybrids (112 Days To Maturity Or Earlier), All Locations.

BRAND/HYBRID	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
PIONEER BRAND 34B23	204.8*	13.8	98.8	3.2	55.8
AGRIGOLD A-6545	202.7*	15.8	99.8	2.3	54.8
SO. STATES SS670Bt	200.9*	15.1	99.0	1.1	54.4
GATEWAY 9411Bt	199.8*	15.5	100.0	0.8	54.7
LG SEEDS LG2585	199.8*	14.8	99.4	2.4	54.6
PIONEER BRAND 34B24(YG)	199.4*	16.0	98.8	1.5	56.2
AGRIGOLD A-6445	197.9*	14.7	98.0	2.3	54.4
EXSEGEN ES112	197.2	14.9	100.0	2.5	54.4
AGVENTURE AV842	195.9	16.2	99.8	2.4	54.1
CROPLAN GENETICS 743	195.5	14.7	99.1	1.8	54.5
SO. STATES SS692Bt	195.1	15.2	98.2	1.4	54.0
PIONEER BRAND 33G26	195.0	15.2	99.4	0.7	56.5
MYCOGEN 2767(Bt)	194.6	16.2	99.7	1.6	53.9
DEKALB DKC61-25(YG)	194.0	15.5	99.6	1.0	54.8
DYNA-GRO 5505RR	193.5	15.2	99.6	2.8	55.5
BIO GENE BT 311	193.5	14.1	99.7	0.9	54.6
BECK'S 5422	193.1	16.1	100.0	2.1	54.5
NK BRAND N63-G7	193.0	13.1	98.9	1.2	54.6
VIGORO BRAND V5110	192.9	15.2	98.9	3.3	54.4
AGRIGOLD A-6469Bt	190.9	16.1	99.0	1.1	54.8
NK BRAND N67-T4(Bt)	189.7	15.1	99.9	0.9	54.6
PFISTER 2550	188.4	15.2	99.5	2.0	55.8
GOLDEN HARVEST H-9012	187.8	13.5	99.9	2.3	54.3
CROWS C496Bt	186.6	15.8	98.6	1.8	53.5
WYFFELS W730	186.3	15.5	98.4	2.7	55.4
CROPLAN GENETICS 744Bt	185.5	17.6	99.7	0.6	55.3
EXSEGEN ES210W	185.2	17.3	99.8	3.1	55.7
CROPLAN GENETICS 678	184.7	15.7	100.0	2.6	55.3
MYCOGEN 7474	184.5	15.0	98.4	2.3	55.5
AGVENTURE AV813	184.4	15.0	98.3	2.6	55.2
GARST 8464IT	184.4	15.9	98.6	1.7	54.8
PIONEER BRAND 33G30(YG)	184.2	16.0	97.8	0.6	56.0
BIO GENE BG 1091	182.0	14.7	98.2	2.3	54.3
LG SEEDS LG2595	179.9	15.0	98.4	1.4	55.0
AGRIGOLD A-6447	179.7	14.6	99.2	2.0	55.5
CAVERDALE CF813	179.6	15.1	97.6	2.0	55.6
NK BRAND N58-D1(Bt)	178.4	12.8	99.5	1.4	54.9
CROPLAN GENETICS 762CL	177.8	16.5	97.6	2.3	54.0
ADLER 3260CF	177.6	15.9	96.0	1.8	56.0
CROPLAN GENETICS 767CL	176.1	16.6	100.0	1.9	53.6
EARLY CHECK	175.8	16.0	96.4	2.8	54.5
CROWS 5029	175.2	14.8	100.0	1.7	54.2
BECK'S 5912W	174.9	17.1	99.4	2.8	55.0
EARLY AVERAGE	188.9	15.3	99.0	1.9	54.9
LSD (0.10)	7.5	0.5	1.5	1.0	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-2YR. Two-year Summary 2000-2001, Early Hybrids (112 Days To Maturity Or Earlier), Six Locations⁺.

BRAND/HYBRID	YIELD BU/AC 00-01	% MOIST 00-01	% STAND 00-01	TOT % LODGE 00-01	TEST WT LBS/BU 00-01
AGRIGOLD A-6545	178.9*	15.9	98.2	5.1	55.4
SO. STATES SS670Bt	176.5*	15.9	99.0	2.5	55.5
PIONEER BRAND 34B23	176.2*	14.4	98.8	5.1	57.0
GATEWAY 9411Bt	175.6*	16.1	100.0	2.4	55.7
BECK'S 5422	172.3	16.0	100.0	5.9	54.8
MYCOGEN 2767 (Bt)	171.7	16.3	99.6	5.0	54.7
PFISTER 2550	170.8	15.4	99.7	5.4	56.9
DYNA-GRO 5505RR	170.5	15.0	99.6	6.0	55.9
PIONEER BRAND 33G26	170.3	15.7	98.4	2.4	57.3
AGRIGOLD A-6469Bt	170.0	16.6	98.3	1.7	55.7
NK BRAND N63-G7	169.7	13.3	98.2	3.3	55.6
CROWS C496Bt	169.7	15.7	98.4	2.5	54.7
AGVENTURE AV813	162.8	15.4	98.9	4.5	56.3
NK BRAND N58-D1 (Bt)	161.6	12.8	99.6	3.9	55.9
EXSEGEN ES210W	161.7	17.3	99.0	3.6	57.0
BECK'S 5912W	156.6	16.9	99.4	6.4	56.5
EARLY AVERAGE	169.7	15.4	99.1	4.1	55.9
LSD (0.10)	5.6	0.5	1.2	1.4	0.6

Table 4E-3YR. Three-year Summary 1999-2001, Early Hybrids (112 Days To Maturity Or Earlier), Six Locations⁺.

BRAND/HYBRID	YIELD BU/AC 99-01	% MOIST 99-01	% STAND 99-01	TOT % LODGED 99-01	TEST WT LBS/BU 99-01
PIONEER BRAND 34B23	161.8*	14.2	99.2	4.3	58.1
NK BRAND N63-G7	161.4*	13.0	98.8	2.7	56.4
PIONEER BRAND 33G26	160.8*	15.1	99.0	2.3	58.2
NK BRAND N58-D1 (Bt)	154.4	12.7	99.4	2.9	56.9
DYNA-GRO 5505RR	153.2	14.3	99.4	5.3	56.6
BECK'S 5912W	147.4	16.5	99.2	5.9	57.7
EARLY AVERAGE	156.5	14.3	99.2	3.9	57.3
LSD (0.10)	4.9	0.4	0.9	1.1	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.

+ Hopkinsville data not included.

Table 5M-1YR. Annual Summary, 2001, Medium Hybrids (113-117 Days To Maturity), Six Locations⁺.

BRAND/HYBRID	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
VIGORO BRAND V55Y21(Bt)	213.4*	15.0	99.7	0.4	55.2
PIONEER BRAND 33R77	213.3*	14.9	99.3	2.7	53.3
PFISTER 3977Bt	206.4*	17.4	99.2	0.7	54.7
GOLDEN HARVEST H-9364	206.1*	14.6	99.2	2.3	54.5
VIGORO BRAND V5800	204.1	14.3	98.9	3.4	55.0
GARST 8288	203.6	16.4	99.6	1.5	55.0
LG SEEDS LG2601	203.1	14.5	100.0	2.7	55.3
SO. STATES SS849CL	203.1	17.0	99.2	2.7	53.9
GOLDEN HARVEST H-9471	203.0	14.7	100.0	2.6	55.2
PIONEER BRAND 33J57(YG)	202.9	13.6	99.7	0.7	54.4
PIONEER BRAND 33J56	202.7	13.6	100.0	3.5	55.3
BIO GENE BT 4220	202.7	16.6	99.2	0.1	55.6
CROWS C5150	202.2	14.4	100.0	4.2	55.5
BECK'S 8280CL	201.4	17.3	99.6	2.0	55.3
BIO GENE BG 1130	200.4	14.6	99.6	2.4	55.4
EXSEGEN ES519	199.8	15.9	98.4	3.2	54.6
PIONEER BRAND 32K64(YG)	199.8	13.8	100.0	0.6	55.6
CROPLAN GENETICS 818	199.6	16.5	99.1	1.3	54.6
VIGORO BRAND V5520	199.1	14.9	99.4	2.9	54.3
CROWS C5360	199.0	14.5	99.8	1.3	54.7
SO. STATES SS740	198.1	14.5	100.0	3.0	54.8
LG SEEDS LG2606	198.1	14.6	99.2	2.9	54.7
SC 1140	197.7	14.5	99.4	3.1	55.3
AGRIGOLD A-6607	197.4	14.4	100.0	2.3	56.1
DEKALB DKC64-10(RR)	197.3	13.4	99.2	2.3	54.3
MEDIUM CHECK	197.0	14.6	100.0	2.1	55.4
DYNA-GRO 15560Bt	197.0	13.9	97.0	0.7	54.3
MYCOGEN 8070	196.8	15.5	99.7	3.2	55.0
AGRIGOLD A-3034CL	196.5	14.2	100.0	2.9	53.7
SO. STATES SS842RR	196.3	17.4	98.7	1.4	54.3
MYCOGEN 2833 Bt	195.5	15.3	100.0	1.8	54.7
PIONEER BRAND 32H58	195.1	16.1	100.0	2.8	55.5
PRAIRIE STREAM FARM SX5796	194.9	14.7	99.5	2.9	53.8
GOLDEN HARVEST H-9247Bt	194.8	14.8	97.7	0.6	54.6
GATEWAY 1157	194.4	17.0	96.9	3.6	55.4
PIONEER BRAND 32K72W	193.7	14.3	99.7	1.9	55.4
PIONEER BRAND 33T17(W)	193.6	14.5	100.0	1.9	55.1
CAVERNDAL CF862	193.4	14.2	99.6	0.9	53.6
BECK'S 7997	193.0	17.4	98.8	2.1	54.5
DEKALB DKC66-50	192.8	14.3	100.0	1.2	53.8
LG SEEDS LG2696	191.2	16.3	99.7	1.9	54.6
CAVERNDAL CF965	191.1	13.8	97.5	2.8	54.7
BIO GENE BG 316	190.8	17.1	100.0	1.9	54.3
GOLDEN HARVEST H-9504	190.0	15.2	98.9	1.9	55.1
GATEWAY 4151	189.8	15.3	98.9	2.5	55.0
ASGROW RX828(YG)	189.7	16.3	100.0	0.4	55.1
ZIMMERMAN 1851W	188.8	17.4	99.7	1.7	53.9
BIO GENE BG 422	188.5	17.3	98.7	1.9	55.5
SO. STATES SS781CL	188.1	15.0	99.2	3.1	54.8
VIGORO BRAND V5620	187.4	15.0	99.3	4.5	55.4
CAVERNDAL CF873	185.7	15.2	99.0	2.1	54.6
GARST 8362IT	185.3	14.2	99.3	1.3	54.5
CAVERNDAL CF940	185.1	14.7	96.7	2.7	54.2
AGVENTURE AV873	184.4	14.7	97.1	3.0	54.6
ASGROW RX740RR	183.7	14.2	98.8	1.9	54.8
GARST 8328 BT/IT	183.3	16.9	99.2	0.4	54.7
DEKALB DKC63-03	183.1	14.3	99.7	1.6	55.2
NK BRAND N72-V7	182.1	15.1	99.1	2.0	53.9
EXSEGEN ES617	181.3	17.6	99.3	2.6	54.6
PRAIRIE STREAM FARM SX5401	181.0	14.7	99.4	3.2	54.3
LG SEEDS LG2670	180.8	16.0	99.7	1.8	54.7
PRAIRIE STREAM FARM SX5610	179.3	13.1	99.8	3.2	53.4
EXSEGEN ES312	179.1	12.6	98.0	1.2	54.1
SC 1151	178.6	16.7	100.0	2.9	55.2
ADLER 3460CF	177.1	15.2	95.6	2.2	54.0
AGRIGOLD A-3102	175.1	13.9	96.4	1.4	55.2
DYNA-GRO 5570	173.5	14.9	92.5	3.0	54.0
CROPLAN GENETICS 1167CL	170.9	15.3	93.7	1.9	54.1
MEDIUM AVERAGE	193.0	15.2	99.0	2.1	54.7
LSD (0.10)	8.4	0.5	1.4	1.2	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.

+ Glendale data not included.

Table 5M-2YR. Two-year Summary 2000-2001, Medium Hybrids (113-117 Days To Maturity), Five Locations.**

BRAND/HYBRID	YIELD BU/AC 00-01	% MOIST 00-01	% STAND 00-01	TOT % LODGED 00-01	TEST WT LBS/BU 00-01
PIONEER BRAND 33J56	179.5*	13.5	100.0	5.5	56.6
BIO GENE BT 4220	175.2*	16.9	97.5	1.6	56.9
SO. STATES SS849CL	173.3*	16.6	99.3	4.2	54.3
GOLDEN HARVEST H-9471	173.0	14.7	100.0	4.1	56.3
MYCOGEN 2833 Bt	171.6	15.1	99.5	3.3	55.1
CROPLAN GENETICS 818	171.2	16.5	99.2	4.1	55.4
PIONEER BRAND 33T17(W)	168.3	14.7	99.6	5.6	57.1
GATEWAY 1157	167.3	17.3	97.8	4.7	56.7
BIO GENE BG 422	165.8	17.0	96.4	3.7	56.9
EXSEGEN ES519	165.8	15.9	97.1	5.0	55.7
LG SEEDS LG2606	165.8	14.3	98.6	6.3	55.1
BIO GENE BG 316	164.6	16.8	100.0	4.8	55.0
CAVERNDAL CF940	162.9	14.8	98.4	5.1	56.1
ZIMMERMAN 1851W	160.4	17.8	99.8	4.5	55.3
LG SEEDS LG2696	159.8	16.4	97.6	4.4	55.2
EXSEGEN ES617	158.5	17.6	99.6	4.8	56.1
CROPLAN GENETICS 1167CL	154.1	15.4	96.1	3.8	55.5
MEDIUM AVERAGE	166.9	16.0	98.6	4.4	55.8
LSD (0.10)	6.4	0.5	1.2	1.5	0.6

Table 5M-3YR. Three-year Summary 1999-2001, Medium Hybrids (113-117 Days To Maturity), Five Locations.**

BRAND/HYBRID	YIELD BU/AC 99-01	% MOIST 99-01	% STAND 99-01	TOT % LODGED 99-01	TEST WT LBS/BU 99-01
PIONEER BRAND 33J56	162.9*	14.7	99.2	4.7	57.8
SO. STATES SS849CL	158.3*	16.7	98.4	3.5	54.8
EXSEGEN ES519	154.6	16.7	97.0	4.3	56.2
GATEWAY 1157	154.4	17.7	97.6	5.8	57.4
CAVERNDAL CF940	150.9	15.1	98.2	4.9	56.4
ZIMMERMAN 1851W	149.6	18.6	99.6	4.1	56.1
EXSEGEN ES617	149.2	18.1	99.4	3.8	57.0
MEDIUM AVERAGE	154.3	16.8	98.5	4.4	56.5
LSD (0.10)	5.8	0.6	1.0	1.7	0.6

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

++ Glendale and Hopkinsville data not included.

Table 6L-1YR. Annual Summary, 2001, Late Hybrids (118 Days To Maturity Or Later), Six Locations⁺.

BRAND/HYBRID	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
PIONEER BRAND 31G98	224.5*	16.2	99.3	1.3	55.9
PIONEER BRAND 31A13	218.9*	18.3	99.0	0.4	56.3
AGRIGOLD A-6729Bt	209.2	17.9	99.6	0.3	55.2
DEKALB DKC69-70(YG)	205.7	21.0	100.0	0.8	55.5
DYNO-GRO 5518	204.4	15.7	99.5	1.0	54.3
SO. STATES SS900Bt	204.3	17.5	98.4	0.5	53.9
AGRIGOLD A-6720	198.8	16.9	99.8	1.3	56.1
LATE CHECK	196.3	17.5	99.6	1.0	54.9
ZIMMERMAN E8272	191.4	17.5	98.5	2.0	54.1
AGRIGOLD A-6620	170.3	17.1	93.5	1.1	52.7
LATE AVERAGE	202.4	17.6	98.7	1.0	54.9
LSD (0.10)	8.0	0.5	1.5	0.7	0.7

Table 6L-2YR. Two-year Summary 2000-2001, Late Hybrids (118 Days To Maturity Or Later), Five Locations⁺⁺.

BRAND/HYBRID	YIELD BU/AC 00-01	% MOIST 00-01	% STAND 00-01	TOT % LODGED 00-01	TEST WT LBS/BU 00-01
PIONEER BRAND 31G98	192.5*	15.4	99.6	4.3	57.0
AGRIGOLD A-6729Bt	178.0	17.6	99.8	1.3	56.6
SO. STATES SS900Bt	172.8	16.7	99.1	2.1	54.6
AGRIGOLD A-6620	153.0	16.4	96.4	3.1	54.6
LATE AVERAGE	174.0	16.6	98.7	2.7	55.7
LSD (0.10)	6.1	0.5	1.0	1.4	0.6

* 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.

+ Glendale data not included.

++ Glendale and Hopkinsville data not included.

Table 7E. Annual Summary, 2001, Early Hybrids, Chemical Composition, All Locations.

BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....		
ADLER 3260CF	9.3	4.2	73.5
AGRIGOLD A-6445	9.9	4.2	72.4
AGRIGOLD A-6469Bt	9.4	3.9	74.3
AGRIGOLD A-6545	10.0	4.1	73.3
AGRIGOLD A-6477	10.1	4.1	72.7
AGVENTURE AV813	9.8	4.3	72.2
AGVENTURE AV842	8.8	4.1	75.0
BECK'S 5422	9.0	4.2	74.1
BECK'S 5912W	9.7	4.2	73.8
BIO GENE BG 1091	9.7	4.1	73.0
BIO GENE BT 311	10.1	4.1	71.8
CAVERNDALE CF813	10.1	4.3	71.4
CROPLAN GENETICS 678	10.0	4.4	71.4
CROPLAN GENETICS 743	9.4	4.1	73.9
CROPLAN GENETICS 744Bt	10.0	4.0	73.8
CROPLAN GENETICS 762CL	10.4	4.2	71.6
CROPLAN GENETICS 767CL	10.2	4.4	71.3
CROWS 5029 ¹	9.8	4.1	72.5
CROWS C496Bt	9.9	4.5	71.1
DEKALB DKC61-25(YG)	8.8	4.2	74.7
DYNA-GRO 5505RR	9.6	4.4	72.5
EARLY CHECK	10.2	4.2	71.7
EXSEGEN ES112	10.0	4.2	72.4
EXSEGEN ES210W	9.7	4.2	73.2
GARST 8464IT	9.6	4.3	72.8
GATEWAY 9411Bt	9.3	4.1	73.2
GOLDEN HARVEST H-9012	9.6	4.1	73.1
LG SEEDS LG2585	9.8	4.2	72.5
LG SEEDS LG2595	10.0	4.2	72.3
MYCOGEN 2767(Bt)	9.7	4.2	73.1
MYCOGEN 7474	9.7	4.3	72.4
NK BRAND N58-D1(Bt)	9.4	4.2	73.5
NK BRAND N63-G7	9.4	4.2	73.4
NK BRAND N67-T4(Bt)	9.9	4.2	72.1
PFISTER 2550	9.7	4.4	72.2
PIONEER BRAND 33G26	9.5	4.0	73.8
PIONEER BRAND 33G30(YG)	9.8	4.0	72.7
PIONEER BRAND 34B23	9.4	4.1	72.7
PIONEER BRAND 34B24(YG) ²	9.3	3.9	73.4
SO. STATES SS670Bt	9.3	4.4	74.0
SO. STATES SS692Bt	10.1	4.2	72.2
VIGORO BRAND V5110	9.8	4.3	72.3
WYFFELS W730	9.8	4.3	71.9
EARLY AVERAGE	9.7	4.2	72.8
EARLY AVERAGE BY LOCATION			
PRINCETON	9.1	4.2	74.3
ROBARDS	9.1	4.3	74.1
HOPKINSVILLE	10.0	4.1	70.8
FULTON	9.9	4.2	71.4
LEXINGTON	10.6	4.5	74.4
QUICKSAND	9.2	4.0	72.9
GLENDALE	9.9	4.0	71.8

¹ Robards data not included,
² Fulton data not included.

Table 7L. Annual Summary, 2001, Late Hybrids, Chemical Composition, Six Locations*.

BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....		
AGRIGOLD A-6620	9.1	3.9	74.7
AGRIGOLD A-6720	9.0	3.9	75.6
AGRIGOLD A-6729BT	9.4	4.5	72.3
DEKALB DKC69-70(YG)	9.7	4.2	73.0
DYNO-GRO 5518	9.0	4.1	73.5
LATE CHECK	9.1	4.6	72.2
PIONEER BRAND 31A13	9.5	3.9	73.4
PIONEER BRAND 31G98	9.4	3.9	74.0
SO. STATES SS900BT	8.6	4.3	73.4
ZIMMERMAN E8272	10.2	4.2	71.7
LATE AVERAGE	9.3	4.2	73.4
LATE AVERAGE BY LOCATION			
PRINCETON	8.9	4.3	74.3
ROBARDS	8.8	4.3	75.5
HOPKINSVILLE	9.8	4.2	72.3
FULTON	9.6	4.2	72.2
LEXINGTON	9.7	3.9	72.7
QUICKSAND	9.1	4.0	73.3

+ Glendale data not included.

Table 7M. Annual Summary, 2001, Medium Hybrids Chemical Composition, Six Locations⁺.

BRAND/HYBRID	PROTEIN	OIL	STARCH	BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....			% dry wt.....		
ADLER A-3460CF	9.6	4.1	72.2	LG SEEDS LG2696	8.7	3.9	75.6
AGRIGOLD A-6607	9.5	4.1	73.4	MEDIUM CHECK	9.7	4.3	72.2
AGRIGOLD A-3034CL	9.5	4.3	70.8	MYCOGEN 2833 Bt	9.1	4.0	74.3
AGRIGOLD A-3102	9.7	3.9	73.4	MYCOGEN 8070	9.4	4.5	73.0
AGVENTURE AV873	9.4	4.3	72.2	NK BRAND N72-V7	9.4	4.2	73.1
ASGROW RX740RR	9.6	4.5	72.0	PFISTER 3977Bt	9.4	4.3	72.4
ASGROW RX828(YG)	9.4	4.2	72.6	PIONEER BRAND 32H58	9.9	4.1	71.1
BECK'S 7997	9.1	4.4	72.8	PIONEER BRAND 32K64(YG)	9.7	4.1	72.6
BECK'S 8280C	9.5	4.4	72.5	PIONEER BRAND 32K72W	9.4	4.1	74.4
BIO GENE BG 1130	9.8	4.2	72.5	PIONEER BRAND 33J56	9.7	3.8	73.5
BIO GENE BG 316	9.3	4.2	73.4	PIONEER BRAND 33J57(YG)	9.2	3.8	74.1
BIO GENE BG 422	9.4	4.4	72.5	PIONEER BRAND 33R77	8.8	4.3	74.4
BIO GENE BT 4220	9.5	4.5	72.4	PIONEER BRAND 33T17(W)	9.3	3.8	74.7
CAVERNDALE CF873 ²	9.4	3.9	73.6	PRAIRIE STREAM FARM SX5401	9.6	4.3	72.0
CAVERNDALE CF862	9.5	4.4	72.4	PRAIRIE STREAM FARM SX5610	10.0	4.2	71.7
CAVERNDALE CF940	9.5	4.0	73.5	PRAIRIE STREAM FARM SX5796	9.1	4.3	73.2
CAVERNDALE CF965	9.8	4.0	74.2	SC 1140	9.1	3.9	74.4
CROPLAN GENETICS 1167CL	9.6	4.1	74.1	SC 1151	9.5	4.3	72.4
CROPLAN GENETICS 818	9.5	4.4	72.5	SO. STATES SS740	9.7	4.2	72.7
CROWS C5150	9.7	4.1	73.1	SO. STATES SS849CL	9.8	4.2	72.0
CROWS C5360	9.6	4.2	72.0	SO.STATES SS781CL	9.1	4.0	74.1
DEKALB DKC63-03	9.3	3.9	74.6	SO.STATES SS842RR	8.9	4.2	73.9
DEKALB DKC64-10(RR)	9.8	4.2	73.3	VIGORO BRAND V5520 ⁴	8.3	4.1	75.2
DEKALB DKC66-50	8.9	4.2	73.4	VIGORO BRAND V55Y21(Bt)	9.0	3.9	75.0
DYNA-GRO 5570	9.6	3.9	74.4	VIGORO BRAND V5620	9.6	4.3	72.1
DYNA-GRO 15560Bt	9.6	4.1	73.3	VIGORO BRAND V5800	9.9	4.2	72.2
EXSEGEN ES519	9.0	4.2	73.5	ZIMMERMAN 1851W	9.8	3.9	71.8
EXSEGEN ES312	9.7	4.2	73.3	MEDIUM AVERAGE	9.5	4.2	73.1
EXSEGEN ES617	10.0	4.2	71.9	MEDIUM AVERAGE BY LOCATION			
GARST 8288 ³	9.6	3.9	73.5	PRINCETON	8.9	4.2	74.9
GARST 8328 BT/IT	9.3	4.4	73.3	ROBARDS	9.1	4.3	74.5
GARST 8362IT	9.5	4.2	74.0	HOPKINSVILLE	9.8	4.1	72.3
GATEWAY 1157	9.4	4.5	72.6	FULTON	9.7	4.2	72.0
GATEWAY 4151	9.5	4.4	72.8	LEXINGTON	9.9	4.1	71.9
GOLDEN HARVEST H-9247Bt	9.8	4.4	71.8	QUICKSAND	9.3	4.1	73.0
GOLDEN HARVEST H-9364	8.7	4.1	74.3				
GOLDEN HARVEST H-9471	9.7	4.3	72.5				
GOLDEN HARVEST H-9504 ¹	10.0	4.3	71.6				
LG SEEDS LG2601	9.8	4.2	72.6				
LG SEEDS LG2606	9.0	4.0	74.0				
LG SEEDS LG2670	10.0	4.0	73.2				

+ Glendale data not included.
1 Princeton data not included.
2 Princeton and Quicksand data not included.
3 Robards data not included.
4 Hopkinsville data not included.
Note: To convert to 15% moisture multiply values by .85.

Table 8E. Annual Summary, 2001, Early Hybrids (112 Days To Maturity Or Earlier), Fulton, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
DEKALB DKC61-25(YG)			237.2*	12.4	97.0	1.6	55.7
EXSEGEN ES112			225.2*	12.2	100.0	0.5	55.9
SO. STATES SS670Bt		173.4*	220.5*	11.4	92.9	1.1	56.5
SO. STATES SS692Bt			217.9*	12.4	90.9	0.6	55.2
AGRIGOLD A-6545		187.4*	215.9	12.9	98.5	0.0	56.2
DYNA-GRO 5505RR	136.6	172.0	214.4	13.6	100.0	0.5	54.8
CROWS 5029			214.3	11.6	100.0	0.0	55.1
CROPLAN GENETICS 744Bt			212.7	13.1	100.0	0.0	54.7
PIONEER BRAND 34B23	153.0*	168.4	211.1	11.9	93.4	0.6	54.9
GATEWAY 9411Bt		180.9*	210.5	12.9	100.0	0.0	55.4
AGVENTURE AV813		169.8	210.0	13.2	100.0	1.5	53.4
LG SEEDS LG2585			208.4	12.1	97.5	2.0	54.5
EXSEGEN ES210W		168.8	208.3	14.9	98.5	2.6	55.3
BIO GENE BT 311			207.6	11.7	98.0	0.0	56.4
BECK'S 5422		169.4	207.3	13.1	100.0	0.0	54.9
BECK'S 5912W	149.2*	173.3*	207.3	14.1	97.5	1.1	54.4
CROPLAN GENETICS 767CL			205.9	13.7	100.0	0.5	55.5
PIONEER BRAND 33G26	151.1*	167.2	205.7	13.6	96.0	0.0	57.5
CROWS C496Bt		175.7*	204.8	13.2	93.9	0.0	54.6
MYCOGEN 7474			204.4	13.4	90.4	0.7	55.9
MYCOGEN 2767(Bt)		169.7	203.8	12.0	98.0	0.0	52.7
AGVENTURE AV842			203.2	13.5	98.5	0.0	55.5
CROPLAN GENETICS 743			202.0	11.7	95.5	1.0	56.2
NK BRAND N63-G7	145.8*	162.9	200.8	10.5	92.4	0.0	55.3
PFISTER 2550		174.0*	200.6	11.7	96.5	0.5	54.9
AGRIGOLD A-6445			199.5	11.7	92.4	0.0	55.6
NK BRAND N67-T4(Bt)			198.1	12.3	99.0	0.0	54.8
VIGORO BRAND V5110			197.6	12.7	98.0	1.6	56.4
NK BRAND N58-D1(Bt)	148.2*	164.7	196.9	10.8	100.0	0.5	55.9
WYFFELS W730			196.0	13.8	92.9	1.0	54.1
PIONEER BRAND 34B24(YG)			194.5	12.1	98.0	1.6	56.8
CROPLAN GENETICS 678			192.5	13.4	100.0	1.0	55.7
AGRIGOLD A-6469Bt		169.5	192.4	13.0	100.0	1.0	57.0
CAVERNDAL CF813			191.9	12.8	86.9	0.0	56.1
AGRIGOLD A-6477			190.3	11.6	96.5	1.1	56.5
GOLDEN HARVEST H-9012			189.4	11.2	99.0	0.5	52.6
PIONEER BRAND 33G30(YG)			187.2	13.6	84.3	1.1	55.4
ADLER 3260CF			187.2	13.1	95.5	0.0	55.9
BIO GENE BG 1091			187.0	11.7	88.9	0.6	54.0
CROPLAN GENETICS 762CL			182.3	12.3	90.4	0.6	53.6
EARLY CHECK			182.0	13.7	91.9	1.1	54.9
LG SEEDS LG2595			174.1	11.7	94.4	0.0	54.3
GARST 8464IT			164.8	13.1	92.4	0.0	55.8
EARLY AVERAGE	147.3	171.7	202.0	12.6	96.0	0.6	55.3
LSD (0.10)	11.9	14.4	19.3	1.2	8.0	1.3	2.8
C.V.			7.0	7.0	6.1	160.4	3.7

Table 8L. Annual Summary, 2001, Late Hybrids (118 Days To Maturity Or Later), Fulton, Ky.

BRAND/HYBRID	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
PIONEER BRAND 31G98	169.2*	237.6*	15.2	100.0	1.5	54.8
PIONEER BRAND 31A13		235.2*	16.8	100.0	0.5	55.8
DEKALB DKC69-70(YG)		222.8*	20.5	100.0	0.5	54.4
ZIMMERMAN E8272		222.5*	15.6	100.0	2.0	52.5
AGRIGOLD A-6720		220.5*	15.1	100.0	0.5	56.1
SO. STATES SS900Bt	168.1*	219.9*	15.7	97.5	0.0	53.3
LATE CHECK		217.7	15.8	100.0	0.5	54.1
AGRIGOLD A-6729Bt	158.2	210.3	15.2	100.0	0.5	53.7
DYNO-GRO 5518		209.0	13.0	98.5	1.5	52.9
AGRIGOLD A-6620	146.5	197.0	14.6	94.9	0.5	52.8
LATE AVERAGE	160.5	219.3	15.7	99.1	0.8	54.0
LSD (0.10)	10.9	19.0	1.0	2.8	2.0	1.9
C.V.		6.1	4.3	2.0	171.2	2.5

* 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 8M. Annual Summary, 2001, Medium Hybrids (113-117 Days To Maturity), Fulton, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
SO. STATES SS842RR			253.5*	13.1	98.0	0.0	54.3
AGRIGOLD A3034CL			245.1*	12.4	100.0	3.0	55.1
PIONEER BRAND 33R77			240.6*	13.4	98.5	0.5	51.8
PIONEER BRAND 33J56	152.4*	180.6*	237.8	11.9	100.0	1.5	54.7
DEKALB DKC64-10(RR)			237.2	11.5	100.0	0.5	53.9
PFISTER 3977Bt			235.6	14.3	100.0	1.0	54.8
GARST 8288			234.8	14.2	98.5	1.5	54.9
SO. STATES SS849CL	138.4	164.6	233.8	13.2	98.0	2.6	53.3
PIONEER BRAND 32H58			232.4	15.2	100.0	2.0	53.2
CAVERNDAL CF940	132.6	168.9	232.4	12.8	97.0	0.5	54.2
ZIMMERMAN 1851W	142.9*	160.0	230.8	16.1	98.0	0.5	55.9
DYNA-GRO 15560Bt			228.8	11.8	96.5	0.5	55.8
PIONEER BRAND 32K72W			228.0	12.6	98.5	1.0	53.4
PRAIRIE STREAM FARM SX5796			227.7	12.3	97.0	1.6	55.2
VIGORO BRAND V5800			227.7	12.2	96.0	2.5	52.5
PIONEER BRAND 33J57(YG)			227.2	12.5	100.0	1.5	53.7
ASGROW RX740RR			226.9	13.0	96.5	2.6	54.1
VIGORO BRAND V55Y21(Bt)			226.5	12.7	98.0	0.0	54.8
SC 1140			224.8	12.4	100.0	3.5	54.2
GOLDEN HARVEST H-9247Bt			223.9	13.7	98.0	0.0	54.6
CAVERNDAL CF873			223.1	13.5	100.0	0.5	53.4
BECK'S 7997			223.0	15.7	100.0	1.0	54.2
PIONEER BRAND 33T17(W)		170.0*	222.7	13.0	100.0	0.5	54.5
EXSEGEN ES617	141.8	165.2	222.1	15.2	100.0	1.5	53.5
BECK'S 8280CL			221.8	14.8	99.0	2.0	54.7
LG SEEDS LG2606		172.2*	220.3	11.6	96.0	2.0	53.5
DEKALB DKC66-50			220.0	12.3	100.0	6.6	54.1
LG SEEDS LG2601			219.5	12.1	100.0	1.0	55.2
CAVERNDAL CF862			219.1	12.7	97.5	1.5	54.2
BIO GENE BG 1130			218.8	12.2	100.0	2.5	55.2
SO. STATES SS781CL			218.1	13.7	97.0	0.0	54.2
GOLDEN HARVEST H-9364			217.9	13.1	97.5	1.5	53.8
VIGORO BRAND V5620			216.9	14.5	100.0	2.5	55.3
SC 1151			216.5	14.7	100.0	1.0	53.6
BIO GENE BG 316		164.8	215.2	14.1	100.0	0.0	52.6
PIONEER BRAND 32K64(YG)			215.0	12.5	100.0	0.0	54.9
MYCOGEN 8070			214.9	13.3	98.5	3.6	53.9
MYCOGEN 2833(Bt)		173.8*	214.6	14.0	100.0	1.0	54.4
CROWS C5360			214.5	11.5	100.0	0.5	54.1
GATEWAY 1157	136.3	169.3*	213.8	14.1	87.4	2.4	55.2
CROWS C5150			213.8	12.1	100.0	3.5	54.7
EXSEGEN ES519	127.1	153.7	212.8	14.1	92.4	0.0	54.5
AGVENTURE AV873			212.4	13.2	91.4	0.0	53.6
MEDIUM CHECK			212.2	12.5	100.0	2.0	53.4
SO. STATES SS740			212.2	12.3	100.0	2.5	53.2
CROPLAN GENETICS 818		160.5	211.9	14.6	100.0	1.0	53.9
GOLDEN HARVEST H-9471		155.6	210.9	12.3	100.0	2.0	54.2
LG SEEDS LG2696		157.0	210.6	14.0	98.5	0.5	55.6
EXSEGEN ES312			209.8	12.0	99.0	0.0	52.3
AGRIGOLD A-6607			209.1	12.3	100.0	4.0	55.5
GOLDEN HARVEST H-9504			208.6	12.7	93.4	0.5	55.8
BIO GENE BG 422		159.8	208.5	14.2	93.9	0.5	54.5
BIO GENE BT 4220		166.4	207.3	13.8	94.9	0.0	54.7
GARST 8362IT			206.9	12.1	98.5	0.0	55.3
DYNA-GRO 5570			206.4	12.5	98.0	1.5	55.4
ASGROW RX828(YG)			205.0	15.8	100.0	0.0	53.7
PRAIRIE STREAM FARM SX5401			202.9	13.4	98.0	1.5	53.2
VIGORO BRAND V5520			202.3	13.6	96.5	2.2	56.2
PRAIRIE STREAM FARM SX5610			199.3	11.9	100.0	2.5	55.1
GATEWAY 4151			196.5	13.6	96.5	2.1	54.8
GARST 8328 BT/IT			196.3	15.9	96.5	0.0	54.1
CROPLAN GENETICS 1167CL		158.4	195.2	12.7	94.9	1.0	53.1
CAVERNDAL CF965			194.2	11.9	89.9	1.1	55.5
DEKALB DKC63-03			192.9	12.3	98.0	2.0	55.3
NK BRAND N72-V7			191.6	13.3	98.5	1.1	55.1
AGRIGOLD A-3102			187.9	12.2	92.4	1.2	55.3
ADLER 3460CF			176.0	13.5	87.9	0.6	55.3
LG SEEDS LG2670			171.3	14.7	98.0	2.0	54.1
MEDIUM AVERAGE	138.7	164.8	216.0	13.2	97.8	1.4	54.4
LSD (0.10)	9.7	11.6	15.4	1.2	5.6	2.6	2.0
C.V.			5.3	6.7	4.3	140.7	2.8

* 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 9E. Annual Summary, 2001, Early Hybrids (112 Days To Maturity Or Earlier) Princeton, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
GATEWAY 9411Bt		159.8*	182.5*	12.9	100.0	1.0	52.8
PIONEER BRAND 33G30(YG)			181.6*	13.9	100.0	0.5	56.0
VIGORO BRAND V5110			174.9*	12.3	97.0	7.8	52.4
SO. STATES SS670Bt		153.3*	174.4*	12.9	100.0	3.0	53.0
MYCOGEN 2767(Bt)		142.7	174.0*	13.0	100.0	4.0	53.5
CROWS C496Bt		154.4*	170.3*	13.7	97.0	6.9	52.5
DEKALB DKC61-25(YG)			169.8*	12.8	100.0	2.0	53.0
AGRIGOLD A-6545		140.1	169.8*	13.2	100.0	5.6	52.6
BIO GENE BG 1091			166.0*	11.9	100.0	8.1	53.4
PIONEER BRAND 34B24(YG)			165.1*	14.1	97.5	2.1	54.8
SO. STATES SS692Bt			164.6*	12.8	100.0	1.0	52.7
BECK'S 5912W	136.5*	124.4	164.1*	14.0	100.0	8.1	56.5
LG SEEDS LG2585			163.7*	12.0	100.0	7.1	51.8
DYNA-GRO 5505RR	143.7*	136.7	163.6*	13.3	97.0	5.2	54.1
BECK'S 5422		138.4	163.2*	13.3	100.0	7.6	52.3
CROPLAN GENETICS 743			162.3*	12.5	98.0	4.1	53.9
AGVENTURE AV842			161.0	13.5	100.0	8.6	52.7
EXSEGEN ES112			160.0	12.5	100.0	7.1	53.8
CROPLAN GENETICS 678			159.0	12.0	100.0	4.5	54.9
AGRIGOLD A-6469Bt		147.7*	158.9	14.6	92.9	3.1	53.2
CROPLAN GENETICS 744Bt			158.4	14.9	100.0	2.0	54.5
AGVENTURE AV813		136.3	158.1	12.7	100.0	5.6	55.2
CAVERNDALE CF813			157.7	12.0	97.5	4.8	54.4
CROWS 5029			157.4	12.0	100.0	6.1	53.5
CROPLAN GENETICS 762CL			157.2	12.9	100.0	7.6	53.2
LG SEEDS LG2595			157.0	13.8	100.0	3.0	54.7
PIONEER BRAND 34B23	134.2	129.0	156.7	12.5	100.0	5.6	55.1
PFISTER 2550		135.0	156.5	12.9	100.0	5.6	55.1
NK BRAND N67-T4(Bt)			155.9	13.4	100.0	1.0	53.6
NK BRAND N63-G7	140.3*	133.6	154.9	11.5	100.0	3.0	53.4
ADLER 3260CF			151.7	13.2	91.9	5.5	56.0
AGRIGOLD A-6477			150.1	12.5	100.0	3.0	54.4
PIONEER BRAND 33G26	132.6	123.0	149.3	13.3	100.0	0.0	53.7
EXSEGEN ES210W		133.2	148.6	14.8	100.0	4.0	55.0
NK BRAND N58-D1(Bt)	146.6*	139.3	148.4	11.8	96.5	0.5	53.8
GOLDEN HARVEST H-9012			146.2	11.9	100.0	6.6	53.2
AGRIGOLD A-6445			145.0	12.5	98.5	3.6	53.5
GARST 8464IT			143.9	13.3	98.0	4.1	53.9
MYCOGEN 7474			143.7	12.9	98.5	5.2	55.3
EARLY CHECK			143.6	13.5	92.4	9.8	53.8
BIO GENE BT 311			143.3	12.4	100.0	1.0	52.8
WYFFELS W730			142.1	12.6	97.5	8.5	54.4
CROPLAN GENETICS 767CL			133.2	12.9	100.0	5.1	52.7
EARLY AVERAGE	139.0	139.2	158.1	12.9	98.8	4.7	53.8
LSD (0.10)	11.9	13.4	20.7	1.0	4.0	4.7	1.4
C.V.			9.6	5.9	3.0	75.1	1.9

Table 9L. Annual Summary, 2001, Late Hybrids (118 Days To Maturity Or Later), Princeton, Ky.

BRAND/HYBRID	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
PIONEER BRAND 31G98	163.9	195.1*	14.1	100.0	3.5	55.6
AGRIGOLD A-6729Bt	180.4*	191.6*	17.5	100.0	0.0	54.6
PIONEER BRAND 31A13		188.2*	17.3	93.9	0.0	55.1
DEKALB DKC69-70(YG)		185.5*	19.7	100.0	0.0	55.8
DYNO-GRO 5518		180.5*	13.7	98.5	1.5	53.2
LATE CHECK		178.4*	16.3	99.0	2.5	54.5
SO. STATES SS900Bt	165.6	168.3	15.8	98.0	2.2	51.8
AGRIGOLD A-6720		159.0	14.8	100.0	5.1	54.5
AGRIGOLD A-6620	153.2	154.4	14.0	90.4	3.9	53.2
ZIMMERMAN E8272		152.4	17.0	100.0	3.0	54.2
LATE AVERAGE	165.8	175.3	16.0	98.0	2.2	54.2
LSD (0.10)	14.1	20.2	1.3	7.4	2.7	1.5
C.V.		8.1	5.5	5.3	88.9	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 9M. Annual Summary, 2001, Medium Hybrids (113-117 Days To Maturity), Princeton, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
GOLDEN HARVEST H-9247Bt			169.1*	13.8	97.5	1.1	52.8
ASGROW RX828(YG)			166.7*	14.9	100.0	0.0	53.9
VIGORO BRAND V55Y21(Bt)			166.1*	14.7	100.0	2.0	56.0
PIONEER BRAND 32K64(YG)			164.7*	13.0	100.0	0.5	55.5
CAVERNDALE CF862			164.2*	12.7	100.0	0.5	54.3
ADLER 3460CF			162.7*	13.7	94.4	8.6	53.2
PIONEER BRAND 33R77			162.6*	13.0	97.5	6.9	53.0
LG SEEDS LG2601			161.4*	12.9	100.0	11.1	55.6
DEKALB DKC66-50			160.7*	12.0	100.0	0.0	54.5
GARST 8288			159.4*	14.0	100.0	4.5	55.7
CROWS C5360			157.5*	12.5	100.0	6.1	54.6
BIO GENE BT 4220		152.8*	156.7*	15.8	100.0	0.0	56.7
EXSEGEN ES519	143.0*	134.7	156.1*	13.5	98.0	10.4	55.1
PFISTER 3977Bt			156.0*	15.4	100.0	1.5	52.8
CAVERNDALE CF873			156.0*	13.3	100.0	4.5	54.1
GOLDEN HARVEST H-9364			152.6*	13.2	100.0	6.6	55.8
BECK'S 7997			152.1*	14.8	96.0	5.9	54.4
DYNA-GRO 15560Bt			151.1	11.8	91.4	1.1	53.7
GATEWAY 1157	141.0*	135.4	150.5	15.4	100.0	8.6	56.7
GARST 8328 BT/IT			149.7	15.9	99.0	1.0	55.5
LG SEEDS LG2696		132.7	149.6	13.4	100.0	7.6	54.4
CROPLAN GENETICS 818		131.9	147.8	14.5	98.5	5.7	53.0
SC 1140			147.7	12.7	98.0	4.6	55.4
SO. STATES SS849CL	141.4*	135.5	147.7	15.0	99.0	6.6	54.7
DEKALB DKC64-10(RR)			147.4	11.8	100.0	10.1	55.1
LG SEEDS LG2606		129.1	147.0	13.2	100.0	8.6	56.1
SO.STATES SS842RR			147.0	16.6	97.5	4.7	56.0
PIONEER BRAND 33T17(W)		137.5	146.8	13.3	100.0	6.1	53.8
CAVERNDALE CF965			146.5	12.0	100.0	9.6	54.2
CROWS C5150			146.4	13.0	100.0	8.6	56.0
GATEWAY 4151			146.1	13.3	98.5	4.6	55.4
GOLDEN HARVEST H-9504			145.8	13.1	100.0	6.6	52.5
VIGORO BRAND V5520			145.4	12.7	100.0	9.1	55.9
MYCOGEN 8070			144.4	13.9	100.0	11.6	54.6
VIGORO BRAND V5620			144.3	13.2	96.0	12.1	54.8
PIONEER BRAND 33J56	139.3*	135.3	143.9	12.0	100.0	8.1	54.4
AGRIGOLD A-6607			143.6	12.9	100.0	5.1	54.9
BIO GENE BG1130			143.1	13.3	100.0	5.6	54.8
PRAIRIE STREAM FARM SX5401			142.6	12.8	98.5	8.8	54.2
PIONEER BRAND 33J57(YG)			141.1	12.7	98.5	1.0	54.6
LG SEEDS LG2670			140.3	13.8	100.0	6.6	52.6
PIONEER BRAND 32H58			140.3	13.6	100.0	11.6	54.7
SO. STATES SS740			139.9	13.4	100.0	7.1	53.4
DEKALB DKC63-03			139.2	12.3	100.0	3.5	55.2
AGRIGOLD A-3102			139.2	12.6	98.5	3.6	54.5
ZIMMERMAN 1851W	132.1*	125.8	138.7	14.1	100.0	5.1	53.2
AGVENTURE AV873			138.3	12.8	91.4	6.1	53.6
CROPLAN GENETICS 1167CL		124.9	138.2	13.6	94.4	5.2	54.3
GOLDEN HARVEST H-9471		134.8	137.8	13.0	100.0	8.6	53.8
AGRIGOLD A-3034CL			137.4	11.6	100.0	9.1	52.8
BECK'S 8280CL			136.6	15.9	100.0	5.1	54.3
VIGORO BRAND V5800			136.2	13.0	97.5	3.7	55.3
PRAIRIE STREAM FARM SX5796			136.1	12.3	100.0	9.1	54.5
CAVERNDALE CF940	137.3*	131.4	136.0	13.4	98.0	8.6	53.2
NK BRAND N72-V7			135.7	12.9	97.5	7.8	54.7
EXSEGEN ES617	132.4*	128.6	134.5	15.8	100.0	9.1	54.5
DYNA-GRO 5570			133.7	13.5	87.9	12.1	55.5
PIONEER BRAND 32K72W			133.7	12.9	100.0	8.1	55.7
BIO GENE BG316		124.1	132.6	14.8	100.0	5.1	54.7
MYCOGEN 2833 Bt			131.1	13.9	100.0	7.1	53.9
BIO GENE BG422		138.4	129.3	15.9	100.0	7.6	53.5
EXSEGEN ES312			128.7	11.3	100.0	5.1	54.3
GARST 8362IT			124.7	11.5	100.0	4.5	53.5
MEDIUM CHECK			124.3	13.2	100.0	7.1	55.5
SO.STATES SS781CL			123.7	13.3	100.0	10.6	54.7
ASGROW RX740RR			120.2	12.4	100.0	4.5	55.1
SC 1151			119.7	14.4	100.0	11.6	55.4
PRAIRIE STREAM FARM SX5610			112.9	11.3	100.0	7.6	53.8
MEDIUM AVERAGE	138.0	133.5	144.2	13.4	98.9	6.3	54.5
LSD (0.10)	11.5	12.2	17.7	1.0	3.1	5.2	2.6
C.V.			9.0	5.6	2.3	61.7	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.

Table 10E. Annual Summary, 2001, Early Hybrids (112 Days To Maturity Or Earlier), Robards, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
MYCOGEN 2767(Bt)		204.0*	232.0*	16.7	100.0	1.5	55.6
LG SEEDS LG2585			225.1*	14.8	100.0	3.0	57.1
AGRIGOLD A-6445			221.1*	15.2	97.5	2.6	55.3
AGVENTURE AV842			218.9*	16.0	100.0	2.0	55.2
DEKALB DKC61-25(YG)			218.5*	14.4	100.0	1.5	56.3
PIONEER BRAND 34B23	182.0	193.8*	214.9*	13.9	100.0	2.5	55.1
BIO GENE BT 311			214.7*	14.0	100.0	1.0	56.3
PIONEER BRAND 33G26	193.0*	195.4*	214.2*	14.0	100.0	0.0	56.0
GOLDEN HARVEST H-9012			213.0*	12.0	100.0	1.0	57.2
EXSEGEN ES112			212.6*	15.4	100.0	1.5	55.6
NK BRAND N58-D1(Bt)	188.6*	189.2*	212.4*	13.1	100.0	0.5	55.0
SO. STATES SS670Bt		197.1*	212.1*	14.5	100.0	0.5	55.2
VIGORO BRAND V5110			211.8*	13.7	97.5	6.8	56.2
NK BRAND N63-G7	198.6*	192.8*	210.8*	13.1	100.0	0.0	54.1
CROPLAN GENETICS 743			210.5*	15.5	100.0	0.5	54.9
SO. STATES SS692Bt			210.3*	14.8	98.0	5.6	55.2
CROPLAN GENETICS 767CL			210.2*	14.7	100.0	1.0	55.0
DYNA-GRO 5505RR	179.4	190.4*	207.4*	14.7	100.0	3.0	54.7
BECK'S 5422		187.7	207.3*	16.7	100.0	1.5	55.4
WYFFELS W730			207.2*	16.1	98.5	2.6	56.1
CROPLAN GENETICS 744Bt			207.1*	16.4	100.0	1.5	55.2
AGRIGOLD A-6545		193.6*	205.0	18.0	100.0	1.0	56.0
PIONEER BRAND 33G30(YG)			204.6	14.5	100.0	0.0	55.4
AGRIGOLD A-6469Bt		185.9	203.5	15.6	100.0	0.0	54.7
BECK'S 5912W	175.9	176.7	202.7	16.6	100.0	2.5	55.4
EARLY CHECK			201.4	17.1	99.0	2.5	55.7
NK BRAND N67-T4(Bt)			200.9	14.4	100.0	0.5	56.0
BIO GENE BG 1091			200.7	15.0	100.0	2.0	56.0
CROPLAN GENETICS 762CL			199.6	15.4	100.0	2.0	55.1
CROPLAN GENETICS 678			199.5	15.1	100.0	5.1	55.0
PFISTER 2550		186.8	198.2	14.7	100.0	2.5	54.6
LG SEEDS LG2595			197.4	15.1	100.0	1.0	54.7
CROWS 5029			197.3	14.2	100.0	0.5	55.8
GATEWAY 9411Bt		180.9	197.2	15.3	100.0	0.5	55.9
CROWS C496Bt		188.0	196.3	15.4	100.0	1.5	56.0
PIONEER BRAND 34B24(YG)			195.9	17.2	96.5	2.0	55.4
MYCOGEN 7474			195.1	14.4	100.0	6.1	54.2
AGRIGOLD A-6477			191.1	13.6	98.0	1.6	54.8
ADLER 3260CF			190.9	16.0	95.5	1.0	56.4
EXSEGEN ES210W		169.7	188.5	17.2	100.0	3.0	55.6
GARST 8464IT			188.3	15.8	100.0	2.0	55.3
CAVERNDAL E CF813			187.0	14.5	100.0	3.5	55.9
AGVENTURE AV813		181.0	178.3	15.3	88.4	2.3	54.8
EARLY AVERAGE	186.2	188.3	204.7	15.1	99.3	1.9	55.5
LSD (0.10)	12.8	15.1	26.3	1.8	4.8	3.0	2.2
C.V.			9.4	8.8	3.6	114.0	3.0

Table 10L. Annual Summary, 2001, Late Hybrids (118 Days To Maturity Or Later), Robards, Ky.

BRAND/HYBRID	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001	
PIONEER BRAND 31G98		211.2*	233.0*	16.3	100.0	1.0	56.8
AGRIGOLD A-6720			218.1*	18.0	100.0	1.5	57.2
DYNO-GRO 5518			214.3*	17.9	100.0	0.0	55.6
SO. STATES SS900Bt	194.0		211.6*	19.0	97.5	0.5	56.0
LATE CHECK			207.6	18.9	100.0	0.5	55.4
PIONEER BRAND 31A13			205.8	19.7	100.0	1.0	56.3
AGRIGOLD A-6729Bt	182.2		200.5	19.0	98.5	1.0	55.7
ZIMMERMAN E8272			197.8	18.4	100.0	2.5	55.7
DEKALB DKC69-70(YG)			194.7	21.8	100.0	0.0	54.3
AGRIGOLD A-6620	171.7		175.6	19.2	88.4	0.6	54.0
LATE AVERAGE		205.9	189.8	18.2	98.4	0.9	55.7
LSD (0.10)		14.3	22.8	1.6	2.3	1.4	1.7
C.V.			7.8	6.1	1.7	116.6	2.2

* 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, 2001, Medium Hybrids (113-117 Days To Maturity), Robards, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
BIO GENE BG 1130			227.0*	14.9	100.0	2.0	56.0
VIGORO BRAND V55Y21(Bt)			226.0*	15.2	100.0	0.0	56.1
AGRIGOLD A-3034CL			225.8*	13.5	100.0	2.5	54.0
SO. STATES SS849CL	187.5*	191.8*	223.5*	18.4	98.0	3.7	54.8
BECK'S 8280CL			223.4*	18.1	100.0	2.0	58.0
PIONEER BRAND 33J57(YG)			222.4*	14.1	100.0	0.5	55.2
PIONEER BRAND 33J56	194.0*	203.5*	217.6*	14.5	100.0	3.0	55.7
BIO GENE BG 316		195.9*	217.1*	19.5	100.0	4.5	55.6
SO. STATES SS740			216.7*	15.6	100.0	1.5	55.2
MEDIUM CHECK			215.9*	14.3	100.0	1.0	56.1
PIONEER BRAND 32K72W			215.9*	14.8	100.0	1.5	56.2
GOLDEN HARVEST H-9471		193.1*	213.8*	15.5	100.0	1.0	55.7
CROWS C5150			213.1*	15.7	100.0	7.6	56.6
LG SEEDS LG2601			212.4*	15.2	100.0	1.5	55.7
PIONEER BRAND 33R77			211.9*	16.8	100.0	3.5	54.0
CROPLAN GENETICS 818		193.0*	210.3*	17.5	98.5	0.5	54.1
PRAIRIE STREAM FARM SX5610			210.1*	14.2	99.0	3.6	53.6
EXSEGEN ES519	181.8*	189.2*	209.8*	16.7	100.0	4.0	55.0
VIGORO BRAND V5800			209.7*	15.6	100.0	4.5	56.2
CAVERNDAL CF965			209.4*	14.3	96.5	0.5	55.3
CAVERNDAL CF862			209.4*	14.4	100.0	1.5	55.2
CROWS C5360			208.9*	15.5	99.0	0.0	54.5
PFISTER 3977Bt			208.7*	19.5	94.9	0.5	54.4
SO. STATES SS781CL			208.1*	15.7	98.0	5.2	56.5
NK BRAND N72-V7			207.5*	15.7	100.0	0.5	54.1
GATEWAY 4151			207.1*	16.3	100.0	1.0	55.7
DYNA-GRO 15560Bt			207.1*	14.6	93.9	0.5	54.8
PRAIRIE STREAM FARM SX5796			206.4*	15.7	100.0	2.0	54.1
MYCOGEN 2833Bt		191.8*	206.4*	15.7	100.0	1.0	55.3
GOLDEN HARVEST H-9247Bt			205.5*	14.9	96.5	2.0	56.9
GOLDEN HARVEST H-9364			205.4*	15.0	98.0	2.5	55.6
BIO GENE BT 4220		186.7	205.3*	17.6	100.0	0.5	57.1
PIONEER BRAND 33T17(W)		194.9*	204.9*	14.8	100.0	2.0	56.0
BECK'S 7997			204.1*	17.5	97.0	2.6	55.8
SC 1140			202.4*	15.6	98.5	4.1	55.7
BIO GENE BG 422		181.4	201.6*	18.4	98.5	0.5	55.1
PIONEER BRAND 32H58			201.5*	16.2	100.0	1.5	56.7
LG SEEDS LG2696		191.8*	201.2*	16.6	100.0	0.5	55.7
MYCOGEN 8070			199.5	16.0	100.0	2.0	55.7
ZIMMERMAN 1851W	178.4	182.6	199.3	17.5	100.0	0.5	54.0
PIONEER BRAND 32K64(YG)			196.0	14.3	100.0	1.0	56.1
GARST 8328 BT/IT			195.7	16.6	100.0	0.5	55.7
GOLDEN HARVEST H-9504			195.1	14.8	100.0	2.5	55.4
VIGORO BRAND V5620			194.4	15.0	100.0	5.1	55.4
ASGROW RX740RR			194.3	14.0	96.5	1.1	55.1
DEKALB DKC64-10(RR)			193.6	15.4	95.5	0.6	54.4
ASGROW RX828(YG)			192.9	17.2	100.0	0.5	54.8
AGRIGOLD A-6607			192.5	15.6	100.0	1.0	55.8
DEKALB DKC66-50			192.2	15.5	100.0	0.0	53.6
LG SEEDS LG2670			191.7	16.0	100.0	1.5	56.0
GARST 8362IT			190.3	14.4	97.5	1.0	54.6
VIGORO BRAND V5520			188.6	16.0	100.0	2.0	53.8
LG SEEDS LG2606		176.3	187.2	16.2	99.0	2.0	53.8
CAVERNDAL CF940	175.9	176.7	186.3	15.3	96.0	2.1	55.2
SC 1151			186.0	17.2	100.0	2.0	55.7
AGVENTURE AV873			185.9	15.5	100.0	4.0	55.5
EXSEGEN ES617	183.2*	182.8	184.7	18.0	96.0	0.6	55.5
DEKALB DKC63-03			183.9	14.6	100.0	1.5	54.5
PRAIRIE STREAM FARM SX5401			182.1	14.9	100.0	5.1	55.0
GATEWAY 1157	171.8	174.0	180.0	18.2	93.9	5.9	54.9
GARST 8288			179.1	14.1	99.0	0.0	54.2
AGRIGOLD A-3102			178.8	15.0	91.9	1.7	55.4
SO. STATES SS842RR			178.6	18.6	96.5	2.6	52.1
CAVERNDAL CF873			172.6	15.9	93.9	3.6	54.4
ADLER 3460CF			171.9	15.0	100.0	2.0	54.8
DYNA-GRO 5570			170.4	15.3	87.4	1.7	53.9
CROPLAN GENETICS 1167CL		167.3	170.1	15.2	86.4	1.5	53.5
EXSEGEN ES312			162.9	12.3	91.4	0.6	54.4
MEDIUM AVERAGE	181.8	186.6	200.1	15.8	98.3	2.0	55.2
LSD (0.10)	15.0	15.5	25.8	1.4	5.0	2.7	1.6
C.V.			9.5	6.7	3.8	103.0	2.2

* 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, 2001, Early Hybrids (112 Days To Maturity Or Earlier), Hopkinsville, Ky⁺.

BRAND/HYBRID	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
CROWS C496Bt	207.7*	12.4	100.0	0.5	52.0
DEKALB DKC61-25(YG)	198.2*	12.4	100.0	0.0	54.4
SO. STATES SS692Bt	198.0*	11.9	100.0	1.0	52.8
SO. STATES SS670Bt	197.7*	12.6	100.0	0.5	52.6
PIONEER BRAND 34B24(YG)	193.8*	12.5	100.0	1.5	55.9
GATEWAY 9411Bt	193.7*	11.1	100.0	1.5	53.5
PIONEER BRAND 34B23	190.6*	11.6	100.0	3.5	56.0
LG SEEDS LG2585	189.5	11.2	100.0	3.0	52.9
VIGORO BRAND V5110	187.0	11.5	100.0	5.1	53.3
CROPLAN GENETICS 762CL	184.6	13.1	96.0	1.6	54.5
BIO GENE BT 311	184.5	11.6	100.0	1.0	53.9
EARLY CHECK	183.2	11.7	100.0	3.5	54.1
CROPLAN GENETICS 744Bt	183.2	13.9	98.0	0.5	54.2
NK BRAND N67-T4(Bt)	182.6	11.2	100.0	1.5	53.3
CROPLAN GENETICS 678	181.1	11.8	100.0	4.5	55.0
GARST 8464IT	180.9	11.9	100.0	1.5	54.2
AGRIGOLD A-6477	180.6	11.0	100.0	5.6	55.5
GOLDEN HARVEST H-9012	180.3	11.1	100.0	1.0	53.7
PIONEER BRAND 33G26	179.8	12.2	100.0	0.0	56.7
EXSEGEN ES112	178.1	11.7	100.0	6.6	53.1
AGRIGOLD A-6469Bt	178.0	12.8	100.0	1.0	53.8
PIONEER BRAND 33G30(YG)	177.3	12.8	100.0	0.0	56.3
AGVENTURE AV842	177.3	12.6	100.0	2.5	53.2
MYCOGEN 7474	177.0	11.9	100.0	0.5	54.9
AGVENTURE AV813	175.7	12.4	100.0	3.5	55.1
MYCOGEN 2767(Bt)	175.6	13.0	100.0	1.5	52.8
ADLER 3260CF	175.1	12.3	99.0	2.1	55.9
BECK'S 5422	174.9	11.4	100.0	2.5	53.9
NK BRAND N63-G7	174.5	10.5	100.0	2.5	53.2
AGRIGOLD A-6445	173.3	11.4	100.0	3.5	53.4
WYFFELS W730	173.0	12.4	100.0	3.0	55.6
CROPLAN GENETICS 767CL	172.9	12.9	100.0	3.5	52.6
CROWS 5029	172.8	11.4	100.0	4.0	53.6
AGRIGOLD A-6545	172.7	11.9	100.0	5.1	52.3
NK BRAND N58-D1(Bt)	172.7	10.7	100.0	3.5	55.0
BECK'S 5912W	172.0	14.2	100.0	1.5	54.3
LG SEEDS LG2595	171.6	11.4	100.0	3.0	55.6
BIO GENE BG 1091	169.3	11.4	100.0	2.0	53.6
CROPLAN GENETICS 743	169.2	11.5	100.0	5.1	53.5
DYNA-GRO 5505RR	168.4	11.9	100.0	3.0	54.7
EXSEGEN ES210W	168.1	14.2	100.0	4.0	55.2
PFISTER 2550	167.1	12.3	100.0	3.0	55.4
CAVERNDALE CF813	166.9	12.2	100.0	2.0	54.8
EARLY AVERAGE	180.0	12.0	99.8	2.5	54.2
LSD (0.10)	17.9	0.9	1.6	3.1	1.5
C.V.	7.4	5.3	1.2	91.5	2.0

Table 11L. Annual Summary, 2001, Late Hybrids, (118 Days To Maturity Or Later) Hopkinsville, Ky⁺.

BRAND/HYBRID	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
PIONEER BRAND 31A13	231.0*	16.3	100.0	1.0	55.8
SO. STATES SS900Bt	230.4*	15.6	98.0	0.0	54.3
AGRIGOLD A-6729Bt	228.2*	16.2	99.0	0.0	54.9
PIONEER BRAND 31G98	204.8	13.4	100.0	0.0	54.4
DEKALB DKC69-70(YG)	200.7	20.0	100.0	0.5	55.4
ZIMMERMAN E8272	191.8	14.9	100.0	0.5	53.9
DYNO-GRO 5518	190.9	12.9	100.0	1.0	53.8
LATE CHECK	187.9	14.4	100.0	1.0	54.5
AGRIGOLD A-6720	185.4	14.2	99.0	0.5	53.4
AGRIGOLD A-6620	158.7	14.3	88.9	0.0	50.9
LATE AVERAGE	201.0	15.2	98.5	0.4	54.1
LSD (0.10)	20.2	0.8	2.0	1.0	1.4
C.V.	7.1	3.5	1.5	149.1	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 2 or 3 year data available: 2000 Franklin data not included.

Table 11M. Annual Summary, 2001, Medium Hybrids (113-117 Days To Maturity), Hopkinsville, Ky⁺.

BRAND/HYBRID	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
VIGORO BRAND V55Y21(Bt)	216.0*	13.6	100.0	0.5	53.8
MEDIUM CHECK	212.9*	12.7	100.0	0.5	56.4
DYNA-GRO 15560Bt	211.9*	12.9	100.0	0.5	54.6
CROPLAN GENETICS 818	211.2*	14.1	100.0	0.5	55.5
GARST 8288	211.0*	14.4	100.0	1.0	54.8
VIGORO BRAND V5520	210.3*	12.5	100.0	3.0	53.8
PIONEER BRAND 33R77	207.6*	12.6	100.0	2.5	53.3
BECK'S 8280CL	207.6*	15.1	100.0	1.5	55.0
AGRIGOLD A-3034CL	206.8*	11.5	100.0	1.5	51.7
LG SEEDS LG2696	206.0*	12.9	100.0	1.5	53.3
LG SEEDS LG2601	205.7*	12.3	100.0	0.5	56.3
GATEWAY 1157	204.8*	14.9	100.0	2.0	55.3
PRAIRIE STREAM FARM SX5796	203.1*	11.7	100.0	3.5	52.7
GOLDEN HARVEST H-9364	202.2*	12.1	100.0	2.0	54.0
AGRIGOLD A-6607	201.9*	12.5	100.0	1.0	56.3
GOLDEN HARVEST H-9471	201.7*	13.1	100.0	2.5	55.6
BIO GENE BG 1130	201.0*	13.0	100.0	2.5	55.7
PIONEER BRAND 32K64(YG)	199.1*	12.6	100.0	1.0	56.0
CROWS C5150	197.8*	12.4	100.0	3.0	55.1
PFISTER 3977Bt	196.8*	15.1	100.0	0.0	54.8
LG SEEDS LG2606	196.2*	12.2	100.0	4.0	54.6
VIGORO BRAND V5800	195.4*	13.2	100.0	7.6	55.7
BIO GENE BT4220	195.0*	16.4	100.0	0.0	54.5
BIO GENE BG316	194.3*	14.0	100.0	2.0	54.2
EXSEGEN ES519	193.9*	12.5	100.0	2.5	54.4
GARST 8328 BT/IT	193.8*	15.7	100.0	0.5	55.3
SO. STATES SS740	193.5*	13.1	100.0	4.0	55.4
PIONEER BRAND 32K72W	193.2*	12.4	100.0	1.0	57.0
PIONEER BRAND 33J57(YG)	192.9	12.7	100.0	0.0	54.4
PIONEER BRAND 33T17(W)	192.4	12.3	100.0	0.5	56.6
SO. STATES SS849CL	192.0	14.2	100.0	2.5	52.7
MYCOGEN 2833 Bt	191.4	14.3	100.0	0.5	54.8
PIONEER BRAND 32H58	191.2	13.6	100.0	1.0	56.5
EXSEGEN ES312	189.0	11.5	100.0	0.0	54.4
MYCOGEN 8070	188.9	14.2	100.0	1.5	55.4
CAVERNDAL CF965	188.7	12.4	100.0	1.5	54.2
SO.STATES SS842RR	188.1	14.9	100.0	1.0	54.1
GOLDEN HARVEST H-9504	187.5	12.7	100.0	0.5	54.2
GOLDEN HARVEST H-9247Bt	187.4	12.2	100.0	0.5	55.1
ZIMMERMAN 1851W	186.7	15.1	100.0	2.5	53.9
PRAIRIE STREAM FARM SX5610	186.0	10.6	100.0	5.1	52.9
ASGROW RX828(YG)	185.8	14.0	100.0	1.0	55.8
AGRIGOLD A-3102	185.7	12.2	100.0	2.0	56.7
GATEWAY 4151	184.9	14.0	100.0	6.1	55.1
SO.STATES SS781CL	183.8	13.1	100.0	2.0	54.7
CAVERNDAL CF862	183.2	12.7	100.0	0.0	52.7
AGVENTURE AV873	183.0	12.3	100.0	2.5	55.9
GARST 8362IT	183.0	12.4	100.0	1.5	55.0
DEKALB DKC66-50	182.6	12.0	100.0	0.5	53.9
CAVERNDAL CF940	182.1	11.6	96.0	2.1	53.9
PIONEER BRAND 33J56	180.8	12.4	100.0	5.1	55.0
DEKALB DKC64-10(RR)	180.7	11.4	100.0	2.0	54.3
SC 1140	180.0	12.5	100.0	3.5	54.4
BECK'S 7997	179.7	13.9	100.0	2.5	53.5
CAVERNDAL CF873	179.6	12.5	100.0	1.5	54.2
LG SEEDS LG2670	179.4	13.9	100.0	0.5	55.5
BIO GENE BG 422	178.1	16.0	100.0	0.5	54.3
DEKALB DKC63-03	177.4	11.7	100.0	1.0	54.2
NK BRAND N72-V7	177.4	12.4	100.0	1.0	52.4
CROWS C5360	175.6	11.8	100.0	1.5	53.9
EXSEGEN ES617	174.8	14.7	100.0	3.5	55.1
ADLER 3460CF	173.1	13.9	97.0	1.0	53.6
ASGROW RX740RR	172.4	12.0	100.0	1.0	54.9
PRAIRIE STREAM FARM SX5401	171.8	12.6	100.0	2.0	55.1
CROPLAN GENETICS 1167CL	171.0	13.7	99.0	2.0	53.4
SC 1151	170.9	14.5	100.0	1.5	55.1
VIGORO BRAND V5620	170.6	12.8	100.0	3.0	54.9
DYNA-GRO 5570	168.5	13.1	92.4	0.6	52.8
MEDIUM AVERAGE	190.4	13.1	99.8	1.8	54.6
LSD (0.10)	22.8	1.0	1.6	2.7	1.6
C.V.	8.8	5.7	1.2	111.6	2.1

* 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.

+ No 2 or 3 year data available: 2000 Franklin data not included.

Table 12E. Annual Summary, 2001, Early Hybrids (112 Days To Maturity Or Earlier), Glendale, Ky*.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
PIONEER BRAND 34B23	169.9*	202.4*	224.6*	16.6	98.5	4.1	59.2
PIONEER BRAND 34B24(YG)			215.8*	18.8	100.0	1.5	57.5
CROPLAN GENETICS 743			208.0*	16.7	100.0	2.0	56.7
PFISTER 2550		195.9*	203.2*	16.6	100.0	2.0	59.6
AGRIGOLD A-6445			202.6*	16.8	97.5	4.1	55.1
AGRIGOLD A-6545		184.5*	201.3*	18.3	100.0	2.5	56.8
NK BRAND N63-G7	157.8*	190.7*	199.5*	15.8	100.0	2.5	57.3
MYCOGEN 7474			199.3*	16.3	100.0	2.0	57.7
GARST 8464IT			199.2*	18.1	100.0	4.0	55.6
NK BRAND N67-T4(Bt)			196.4*	18.3	100.0	2.5	57.2
SO. STATES SS692Bt			195.9*	17.9	98.5	1.0	56.6
GATEWAY 9411Bt		184.8*	195.4*	19.1	100.0	2.5	55.7
AGRIGOLD A-6477			195.3*	17.7	100.0	2.0	58.2
CROPLAN GENETICS 678			191.1*	18.7	100.0	2.5	55.8
WYFFELS W730			190.1	17.2	100.0	3.5	58.4
DYNA-GRO 5505RR	155.8*	185.3*	189.4	16.3	100.0	3.5	57.6
CAVERNDALE CF813			189.0	17.2	100.0	1.0	57.2
AGVENTURE AV842			187.6	19.4	100.0	2.0	55.6
AGRIGOLD A-6469Bt		181.7	187.3	19.2	100.0	1.5	57.4
BIO GENE BT 311			186.8	16.8	100.0	1.5	55.7
GOLDEN HARVEST H-9012			184.4	17.7	100.0	2.0	54.7
CROPLAN GENETICS 767CL			183.6	19.4	100.0	2.0	54.2
PIONEER BRAND 33G26	156.9*	182.9*	183.5	19.0	100.0	1.0	59.2
EXSEGEN ES210W		170.6	182.0	18.6	100.0	5.1	57.3
SO. STATES SS670Bt		180.1	180.5	19.8	100.0	2.5	55.4
LG SEEDS LG2595			179.6	18.1	100.0	1.5	56.5
AGVENTURE AV813		171.0	177.6	15.8	100.0	3.0	57.2
CROWS C496BT		181.6	177.3	19.3	99.0	1.0	55.8
BIO GENE BG 1091			176.3	17.3	98.5	2.1	56.0
BECK'S 5422		178.5	171.6	19.6	100.0	2.5	55.2
VIGORO BRAND V5110			170.5	17.9	100.0	2.0	55.7
NK BRAND N58-D1(Bt)	152.9	176.0	166.2	13.9	100.0	1.0	56.4
CROPLAN GENETICS 762CL			164.8	20.5	99.0	3.6	55.7
MYCOGEN 2767(Bt)		178.8	163.8	19.1	100.0	2.5	55.9
ADLER 3260CF			160.8	17.9	90.4	3.3	57.6
CROPLAN GENETICS 744Bt			160.2	22.5	100.0	0.5	56.6
LG SEEDS LG2585			157.2	18.0	100.0	1.5	56.6
EARLY CHECK			154.6	19.0	93.9	2.7	54.4
EXSEGEN ES112			153.9	16.6	100.0	1.0	56.1
PIONEER BRAND 33G30(YG)			141.5	20.5	100.0	2.0	57.0
CROWS 5029			138.3	18.1	100.0	1.0	55.4
BECK'S 5912W	127.2	144.5	123.4	19.6	98.0	1.6	56.2
DEKALB DKC61-25(YG)			116.8	20.9	100.0	1.0	54.7
EARLY AVERAGE	153.4	180.6	179.8	18.1	99.4	2.2	56.5
LSD (0.10)	14.6	19.9	34.4	1.8	2.8	2.0	1.8
C.V.			14.1	7.3	2.1	68.4	2.3

* 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.

+ This location does not have a late or medium test due to high C.V.s.

Table 13E. Annual Summary, 2001, Early Hybrids (112 Days To Maturity Or Earlier), Lexington, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
AGRIGOLD A-6445			223.0*	17.5	100.0	1.0	53.3
BECK'S 5422		193.3*	216.4*	20.1	100.0	0.0	56.9
PIONEER BRAND 33G26	169.6*	190.8*	212.4*	20.0	100.0	1.0	57.3
BIO GENE BT 311			206.4*	16.8	100.0	0.5	54.4
AGRIGOLD A-6545		188.9*	206.0*	20.4	100.0	1.0	56.1
LG SEEDS LG2585			202.0	17.7	98.0	0.0	54.4
EXSEGEN ES112			201.9	18.7	100.0	0.0	53.1
DYNA-GRO 5505RR	152.4	178.0	201.2	19.6	100.0	1.5	56.1
AGVENTURE AV813		178.4	200.9	19.1	100.0	0.0	56.1
PIONEER BRAND 34B23	160.1*	180.5*	200.7	16.0	100.0	2.5	54.9
MYCOGEN 2767(Bt)		178.8	200.6	20.4	100.0	0.5	54.2
GATEWAY 9411Bt		182.3*	200.1	19.6	100.0	0.0	56.0
SO. STATES SS670Bt		189.2*	199.7	19.6	100.0	0.0	55.3
GOLDEN HARVEST H-9012			198.7	16.3	100.0	0.5	54.4
WYFFELS W730			198.5	20.9	100.0	0.0	55.8
PIONEER BRAND 33G30(YG)			197.0	20.5	100.0	0.5	56.4
CROPLAN GENETICS 743			196.5	19.7	100.0	0.0	54.1
AGRIGOLD A-6469Bt		176.0	194.6	19.5	100.0	0.5	54.1
AGVENTURE AV842			194.6	20.1	100.0	0.5	53.5
PFISTER 2550		187.5*	193.9	20.5	100.0	0.5	55.3
NK BRAND N67-T4(Bt)			193.7	19.9	100.0	0.0	54.7
PIONEER BRAND 34B24(YG)			193.1	19.9	100.0	1.0	56.7
CROPLAN GENETICS 678			192.8	21.3	100.0	0.0	55.7
DEKALB DKC61-25(YG)			191.5	20.1	100.0	1.0	55.0
MYCOGEN 7474			190.0	20.5	100.0	0.0	55.1
ADLER 3260CF			187.9	20.6	100.0	0.5	55.4
CROPLAN GENETICS 744Bt			185.4	24.1	100.0	0.0	57.1
VIGORO BRAND V5110			185.4	20.0	100.0	0.0	54.0
CAVERNDAL CF813			183.6	18.7	100.0	0.0	57.4
NK BRAND N58-D1(Bt)	153.4	165.7	181.6	15.8	100.0	1.0	55.0
EXSEGEN ES210W		171.5	180.1	20.8	100.0	2.5	55.3
NK BRAND N63-G7	146.2	169.0	179.0	17.7	100.0	0.5	54.7
CROPLAN GENETICS 762CL			178.9	22.3	100.0	0.5	53.6
GARST 8464IT			177.8	20.6	100.0	0.0	54.2
SO. STATES SS692Bt			170.1	20.1	100.0	0.0	52.8
LG SEEDS LG2595			167.1	18.7	100.0	0.5	55.1
BIO GENE BG 1091			160.9	19.1	100.0	0.5	52.8
BECK'S 5912W	135.8	166.5	159.7	21.5	100.0	2.0	54.3
CROWS C496Bt		160.4	155.2	21.0	100.0	1.0	51.0
EARLY CHECK			152.6	20.0	100.0	0.0	54.2
CROWS 5029			149.5	19.6	100.0	0.0	52.0
AGRIGOLD A-6477			148.0	19.4	100.0	0.5	55.1
CROPLAN GENETICS 767CL			145.4	22.9	100.0	0.0	52.2
EARLY AVERAGE	152.9	178.6	187.4	19.7	99.9	0.5	54.7
LSD (0.10)	11.2	14.2	18.9	1.9	0.7	1.2	1.8
C.V.			7.4	7.0	0.5	167.5	2.4

Table 13L. Annual Summary, 2001, Late Hybrids (118 Days To Maturity Or Later), Lexington, Ky.

BRAND/HYBRID	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
PIONEER BRAND 31A13		234.8*	19.2	100.0	0.0	57.4
AGRIGOLD A-6729Bt	194.0*	223.6*	19.7	100.0	0.0	57.8
PIONEER BRAND 31G98	198.9*	222.5*	17.1	96.0	1.6	57.1
DEKALB DKC69-70(YG)		219.4*	22.0	100.0	0.5	58.4
LATE CHECK		205.3	18.1	98.5	0.5	57.1
DYNO-GRO 5518		202.7	18.2	100.0	1.0	55.1
AGRIGOLD A-6720		193.2	19.0	100.0	0.5	57.3
SO. STATES SS900Bt	169.0	187.1	19.3	100.0	0.0	53.0
AGRIGOLD A-6620	157.9	176.1	18.8	99.0	0.0	52.9
ZIMMERMAN E8272		175.7	20.0	90.9	1.7	55.1
LATE AVERAGE	179.9	204.0	19.1	98.4	0.6	56.1
LSD (0.10)	12.0	18.3	1.8	4.2	1.3	2.2
C.V.		6.3	6.8	3.0	162.1	2.7

* 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 13M. Annual Summary, 2001, Medium Hybrids (113-117 Days To Maturity), Lexington, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
GOLDEN HARVEST H-9364			228.8*	15.3	100.0	1.0	54.8
GARST 8288			227.5*	17.0	100.0	2.0	55.5
MYCOGEN 2833(Bt)		195.5*	226.7*	16.3	100.0	0.5	55.2
PIONEER BRAND 33R77			226.5*	14.9	100.0	1.0	54.3
VIGORO BRAND V5800			221.4*	15.1	100.0	2.0	56.5
VIGORO BRAND V5520			221.0*	15.5	100.0	1.0	54.2
BIO GENE BT4220		190.1*	220.9*	17.2	100.0	0.0	57.3
LG SEEDS LG2606		179.1	220.7*	15.2	100.0	0.5	55.2
MYCOGEN 8070			218.8*	16.7	100.0	0.5	56.8
CROWS C5360			216.9*	16.4	100.0	0.0	54.6
PIONEER BRAND 32K64(YG)			216.5*	14.6	100.0	0.5	56.3
VIGORO BRAND V5620			212.6*	16.6	100.0	1.0	57.1
GOLDEN HARVEST H-9471		188.8*	210.7*	16.6	100.0	1.5	56.3
PIONEER BRAND 32K72W			210.3*	15.5	100.0	0.0	56.6
PIONEER BRAND 33T17(W)		173.7	208.2*	15.3	100.0	1.0	56.1
DEKALB DKC64-10(RR)			206.7*	14.6	100.0	0.0	53.6
PFISTER 3977Bt			205.4	18.0	100.0	1.0	56.0
GATEWAY 1157	152.8*	183.7*	205.2	18.8	100.0	1.5	56.2
BIO GENE BG 422		175.0	204.5	19.1	100.0	1.0	59.2
PIONEER BRAND 33J57(YG)			204.1	14.2	100.0	0.5	53.8
BECK'S 8280CL			204.1	19.0	98.5	1.0	54.3
AGRIGOLD A-6607			204.0	15.5	100.0	2.5	56.3
CAVERNDALE CF873			203.2	16.7	100.0	2.0	57.5
VIGORO BRAND V55Y21(Bt)			201.7	15.6	100.0	0.0	53.7
AGVENTURE AV873			201.3	15.7	100.0	5.1	55.6
PRAIRIE STREAM FARM SX5401			200.8	15.4	100.0	0.0	55.8
SO. STATES SS849CL	148.0*	187.4*	200.6	18.9	100.0	0.5	53.5
ASGROW RX828(YG)			200.0	16.7	100.0	0.5	56.6
CROWS C5150			199.7	16.2	100.0	2.5	56.0
SO. STATES SS740			198.7	15.9	100.0	3.0	55.7
CAVERNDALE CF965			198.6	14.7	98.5	3.0	54.7
SC 1140			198.3	16.2	100.0	2.5	57.4
GATEWAY 4151			196.3	16.4	98.5	1.0	54.5
BECK'S 7997			195.9	19.4	100.0	0.0	55.0
PIONEER BRAND 33J56	147.9*	177.8	195.4	14.1	100.0	2.0	54.4
DEKALB DKC63-03			195.1	15.2	100.0	1.5	55.4
SC 1151			194.7	18.2	100.0	0.5	55.7
GOLDEN HARVEST H-9247Bt			192.7	16.2	96.5	0.0	54.9
CROPLAN GENETICS 818		176.8	192.5	17.7	99.0	0.0	54.6
NK BRAND N72-V7			192.1	16.6	100.0	0.0	52.7
EXSEGEN ES519	153.9*	182.5*	191.8	18.4	100.0	1.5	54.6
BIO GENE BG1130			191.8	16.4	100.0	1.5	55.8
LG SEEDS LG2601			190.8	16.8	100.0	2.0	55.4
GARST 8362IT			189.7	16.2	100.0	1.0	55.4
GOLDEN HARVEST H-9504			189.6	18.7	100.0	0.5	56.1
EXSEGEN ES312			189.4	13.6	100.0	0.5	54.5
LG SEEDS LG2670			187.9	18.5	100.0	0.0	55.1
ADLER 3460CF			187.4	16.5	96.5	1.1	54.3
DYNA-GRO 15560Bt			186.7	15.7	100.0	0.0	52.6
ASGROW RX740RR			186.5	14.9	100.0	1.5	54.9
MEDIUM CHECK			186.4	16.2	100.0	2.0	56.7
SO.STATES SS842RR			185.4	19.7	100.0	0.0	53.9
CROPLAN GENETICS 1167CL		172.4	183.8	16.7	100.0	1.5	54.9
GARST 8328 BT/IT			181.8	17.2	100.0	0.0	54.5
CAVERNDALE CF862			181.4	15.9	100.0	0.0	51.3
CAVERNDALE CF940	146.5*	171.9	181.1	16.5	100.0	3.0	53.1
LG SEEDS LG2696		167.8	179.1	17.8	100.0	1.5	54.1
PIONEER BRAND 32H58			178.8	18.2	100.0	0.0	56.7
DEKALB DKC66-50			178.7	16.4	100.0	0.0	53.3
DYNA-GRO 5570			178.5	16.5	98.5	2.0	53.7
SO.STATES SS781CL			178.0	17.2	100.0	0.5	55.7
AGRIGOLD A-3102			173.5	15.9	100.0	0.0	55.0
PRAIRIE STREAM FARM SX5610			173.1	14.1	100.0	0.5	53.0
BIO GENE BG 316		160.6	169.0	19.1	100.0	0.0	53.6
ZIMMERMAN 1851W	132.0	163.6	166.0	19.3	100.0	1.5	52.4
AGRIGOLD A-3034CL			164.6	16.5	100.0	1.0	52.8
EXSEGEN ES617	131.6	158.7	162.0	20.6	100.0	1.0	54.7
PRAIRIE STREAM FARM SX5796			156.2	17.6	100.0	0.5	52.3
MEDIUM AVERAGE	144.7	176.8	196.0	16.6	99.8	1.0	55.0
LSD (0.10)	11.4	14.3	22.9	1.3	1.4	2.2	2.2
C.V.			8.6	5.7	1.2	158.7	2.9

* 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 14E. Annual Summary, 2001, Early Hybrids (112 Days To Maturity Or Earlier), Quicksand, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
LG SEEDS LG2585			252.9*	17.9	100.0	0.0	54.8
EXSEGEN ES112			248.7*	17.1	100.0	1.0	53.1
AGRIGOLD A-6545		178.7*	248.5*	15.9	100.0	1.0	53.7
PIONEER BRAND 34B24(YG)			237.6*	17.2	100.0	1.0	56.5
GARST 8464IT			235.8*	18.7	100.0	0.5	54.5
PIONEER BRAND 34B23	171.6*	183.1*	235.1*	14.4	100.0	3.5	55.2
NK BRAND N63-G7	179.7*	169.2*	231.3*	12.9	100.0	0.0	54.5
AGVENTURE AV842			228.8*	18.5	100.0	1.0	53.0
DEKALB DKC61-25(YG)			226.1	15.2	100.0	0.0	54.8
VIGORO BRAND V5110			223.1	18.4	100.0	0.0	53.1
AGRIGOLD A-6469Bt		159.3	221.6	17.9	100.0	0.5	53.1
SO. STATES SS670Bt		165.7	221.1	14.6	100.0	0.0	53.0
EXSEGEN ES210W		156.8	220.9	20.7	100.0	0.5	56.3
AGRIGOLD A-6445			220.8	17.6	100.0	1.5	54.4
PIONEER BRAND 33G26	161.5	162.3	220.4	14.4	100.0	3.0	54.9
CROPLAN GENETICS 743			219.9	15.5	100.0	0.0	52.4
GATEWAY 9411Bt		164.7	219.6	17.3	100.0	0.0	53.7
BIO GENE BG 1091			213.9	16.2	100.0	0.5	54.0
EARLY CHECK			213.3	16.8	97.5	0.0	54.5
LG SEEDS LG2595			212.5	15.8	94.4	0.6	54.2
MYCOGEN 2767(Bt)		156.0	212.2	19.4	100.0	1.0	52.8
BIO GENE BT 311			211.1	15.6	100.0	1.0	52.9
BECK'S 5422		166.4	210.9	18.5	100.0	0.5	53.1
DYNA-GRO 5505RR	151.2	160.9	210.1	17.5	100.0	2.5	56.2
SO. STATES SS692Bt			208.8	16.1	100.0	0.5	53.0
GOLDEN HARVEST H-9012			202.4	14.3	100.0	4.5	53.9
AGRIGOLD A-6477			202.3	16.5	100.0	0.0	53.9
PIONEER BRAND 33G30(YG)			200.2	16.4	100.0	0.0	55.1
NK BRAND N67-T4(Bt)			200.2	16.0	100.0	0.5	52.7
PFISTER 2550		145.8	199.3	17.7	100.0	0.0	55.3
WYFFELS W730			197.3	15.3	100.0	0.0	53.7
CROWS 5029			197.1	16.7	100.0	0.0	54.2
BECK'S 5912W	159.9	154.4	195.4	19.6	100.0	3.0	53.7
CROWS C496BT		158.1	194.4	15.7	100.0	1.5	52.7
CROPLAN GENETICS 744Bt			191.8	18.0	100.0	0.0	54.9
AGVENTURE AV813		140.2	190.5	16.6	100.0	2.5	54.4
ADLER 3260CF			189.4	18.4	100.0	0.0	55.1
MYCOGEN 7474			182.2	15.7	100.0	1.5	55.1
CROPLAN GENETICS 767CL			181.7	19.6	100.0	1.0	53.0
CAVERNDAL CF813			181.1	18.1	99.0	2.5	53.4
CROPLAN GENETICS 762CL			177.4	18.7	98.0	0.5	52.5
CROPLAN GENETICS 678			177.0	18.0	100.0	0.5	54.9
NK BRAND N58-D1(Bt)	136.8	134.8	170.7	13.5	100.0	3.0	53.6
EARLY AVERAGE	160.1	159.7	210.1	16.8	99.7	0.9	54.0
LSD (0.10)	14.0	14.0	25.5	1.8	2.2	2.4	1.9
C.V.			8.9	8.1	1.6	190.2	2.6

Table 14L. Annual Summary, 2001, Late Hybrids (118 Days To Maturity Or Later), Quicksand, Ky.

BRAND/HYBRID	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
PIONEER BRAND 31G98	219.3*	253.8*	20.8	100.0	0.0	56.4
DYNO-GRO 5518		229.1	18.2	100.0	1.0	55.0
PIONEER BRAND 31A13		218.1	20.7	100.0	0.0	57.3
AGRIGOLD A-6720		216.9	20.5	100.0	0.0	58.0
DEKALB DKC69-70(YG)		211.4	21.9	100.0	3.0	55.0
SO. STATES SS900Bt	167.1	208.9	19.5	99.5	0.5	54.8
ZIMMERMAN E8272		208.1	19.2	100.0	2.0	53.0
AGRIGOLD A-6729Bt	175.1	200.7	19.9	100.0	0.0	54.6
LATE CHECK		180.9	21.3	100.0	1.0	53.5
AGRIGOLD A-6620	135.6	159.8	21.6	99.5	1.5	52.4
LATE AVERAGE	174.3	208.8	20.3	99.9	0.9	55.0
LSD (0.10)	13.7	21.8	1.4	0.6	1.9	2.2
C.V.		7.3	4.8	0.4	151.5	2.8

* 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 14M. Annual Summary, 2001, Medium Hybrids (113-117 Days To Maturity), Quicksand, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
VIGORO BRAND V55Y21(Bt)			243.9*	18.3	100.0	0.0	56.5
GOLDEN HARVEST H-9471		192.7*	243.1*	17.9	100.0	0.0	55.7
CROWS C5150			242.2*	16.8	100.0	0.0	54.4
PIONEER BRAND 33J56	181.0*	200.4*	240.9*	16.4	100.0	1.0	57.4
PRAIRIE STREAM FARM SX5796			240.1*	18.3	100.0	0.5	54.1
PFISTER 3977Bt			236.1*	21.8	100.0	0.0	55.6
EXSEGEN ES519	167.2	168.9	234.6*	20.4	100.0	0.5	54.1
VIGORO BRAND V5800			234.3*	16.8	100.0	0.0	53.6
AGRIGOLD A-6607			233.1*	17.8	100.0	0.0	57.8
SC 1140			232.9*	17.7	100.0	0.5	54.9
BIO GENE BT 4220		180.1	230.9*	19.0	100.0	0.0	53.4
MEDIUM CHECK			230.4*	18.7	100.0	0.0	54.0
PIONEER BRAND 33R77			230.3*	18.8	100.0	1.5	53.4
PIONEER BRAND 33J57(YG)			229.6*	15.3	100.0	0.5	54.8
GOLDEN HARVEST H-9364			229.5*	18.6	100.0	0.0	52.7
LG SEEDS LG2601			228.9*	17.5	100.0	0.0	53.8
SO. STATES SS740			227.8*	17.0	100.0	0.0	55.7
VIGORO BRAND V5520			226.9*	19.2	100.0	0.0	52.2
PIONEER BRAND 32H58			226.5*	20.0	100.0	0.5	55.0
SO.STATES SS842RR			225.0	21.7	100.0	0.0	55.2
CROPLAN GENETICS 818		193.9*	223.8	20.6	98.5	0.0	56.3
DEKALB DKC66-50			222.8	17.7	100.0	0.0	53.5
BIO GENE BG 1130			221.0	17.9	97.5	0.0	54.7
SO. STATES SS849CL	176.0*	187.1	220.7	22.1	100.0	0.5	54.5
CROWS C5360			220.5	19.5	100.0	0.0	56.3
DEKALB DKC64-10(RR)			218.3	15.8	100.0	0.5	54.2
GARST 8362IT			217.3	18.4	100.0	0.0	53.2
LG SEEDS LG2606		172.3	217.1	19.6	100.0	0.0	55.1
SO.STATES SS781CL			216.9	17.2	100.0	0.0	53.0
BIO GENE BG316		177.4	216.7	20.8	100.0	0.0	55.0
BECK'S 8280CL			215.1	20.9	100.0	0.5	55.3
MYCOGEN 8070			214.5	18.7	100.0	0.0	54.0
LG SEEDS LG2670			214.0	19.4	100.0	0.0	55.2
GOLDEN HARVEST H-9504			213.2	19.3	100.0	0.5	56.3
GATEWAY 1157	170.0*	174.2	212.1	20.6	100.0	1.0	54.1
ZIMMERMAN 1851W	162.7	169.7	211.1	22.1	100.0	0.0	54.1
DEKALB DKC63-03			210.1	19.4	100.0	0.0	56.3
GARST 8288			210.0	25.0	100.0	0.0	54.8
EXSEGEN ES617	157.1	157.4	209.8	21.3	100.0	0.0	54.3
CAVERNDALE CF965			209.6	17.7	100.0	1.0	54.3
BIO GENE BG422		174.5	209.0	20.2	100.0	1.5	56.3
GATEWAY 4151			208.1	18.5	100.0	0.0	54.7
PIONEER BRAND 32K64(YG)			207.2	15.7	100.0	0.5	54.9
CAVERNDALE CF862			203.3	16.7	100.0	2.0	53.9
MYCOGEN 2833(Bt)		160.6	203.1	17.5	100.0	0.5	54.7
BECK'S 7997			202.9	23.2	100.0	0.5	54.2
ASGROW RX740RR			201.9	18.9	100.0	0.5	54.4
LG SEEDS LG2696		149.7	200.9	23.3	100.0	0.0	54.5
AGRIGOLD A-3034CL			199.1	19.7	100.0	0.0	55.8
DYNA-GRO 15560Bt			196.3	16.9	100.0	1.5	54.5
EXSEGEN ES312			194.7	14.8	97.5	1.0	55.0
PRAIRIE STREAM FARM SX5610			194.2	16.5	100.0	0.0	52.2
CAVERNDALE CF940	162.4	165.8	192.8	18.3	93.4	0.0	55.5
ADLER 3460CF			191.7	18.4	98.0	0.0	52.9
GOLDEN HARVEST H-9247Bt			190.2	18.2	98.0	0.0	53.4
NK BRAND N72-V7			188.5	19.7	98.5	1.5	54.3
ASGROW RX828(YG)			187.6	19.4	100.0	0.5	55.7
PIONEER BRAND 33T17(W)		165.6	186.6	18.1	100.0	1.0	53.7
PRAIRIE STREAM FARM SX5401			185.8	19.3	100.0	2.0	52.7
VIGORO BRAND V5620			185.6	17.9	100.0	3.0	54.7
AGRIGOLD A-3102			185.3	15.6	95.5	0.0	54.1
AGVENTURE AV873			185.2	18.9	100.0	0.5	53.5
SC 1151			183.8	21.2	100.0	0.5	55.7
DYNA-GRO 5570			183.8	18.7	90.9	0.0	52.7
GARST 8328 BT/IT			182.4	20.2	100.0	0.5	53.1
PIONEER BRAND 32K72W			181.0	17.8	100.0	0.0	53.6
CAVERNDALE CF873			179.8	19.1	100.0	0.5	54.2
CROPLAN GENETICS 1167CL		147.2	167.4	20.1	87.4	0.0	55.5
MEDIUM AVERAGE	168.1	172.8	211.2	18.9	99.3	0.4	54.5
LSD (0.10)	13.0	12.5	17.8	1.9	2.0	1.2	2.4
C.V.			6.2	7.5	1.5	223.2	3.3

* 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 15A. Annual Summary, 2001, High Oil Hybrids, Robards, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
WYFFELS W7035(Bt)			227.4*	15.6	88.8	5.7	54.4
BECKS 5322TC			223.2*	15.2	82.5	7.6	54.5
PFISTER 3977-19	177.6*	196.4*	221.5*	18.0	91.3	5.5	56.7
WYFFELS W7355TC		181.2*	217.5*	15.1	87.5	6.6	56.4
PFISTER SK2680-19			215.8*	15.2	90.0	5.1	55.6
WYFFELS W8215			215.8*	15.0	86.3	9.6	56.4
PFISTER SK2550-19		184.5*	214.1*	14.0	91.3	5.5	54.5
PIONEER BRAND 34B25			213.4*	15.1	96.3	4.8	55.5
BECKS 5727TC			184.1	14.7	80.0	6.2	55.8
HIGH OIL AVERAGE	177.6	187.4	214.8	15.3	88.2	6.3	55.5
LSD (0.10)	13.8	14.0	21.4	1.2	1.0	9.9	4.0
C.V.			7.0	5.4	0.8	45.0	3.6

Table 15B. Annual Summary, 2001, High Oil Hybrids, Fulton, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
PIONEER BRAND 34B25			226.0*	11.8	95.8	3.1	54.5
PFISTER SK2550-19		187.4*	222.8*	12.1	88.8	6.2	53.9
WYFFELS W8215			214.2*	14.3	87.9	3.3	54.1
WYFFELS W7355TC		187.7*	210.5*	13.6	83.3	4.5	55.7
WYFFELS W7035(Bt)			203.0	12.6	85.4	1.5	51.5
BECKS 5322TC			202.6	12.2	80.8	6.1	51.6
PFISTER SK2680-19			200.4	11.3	84.2	2.5	52.8
PFISTER 3977-19	146.9*	177.1*	192.7	13.3	85.8	3.4	52.5
BECKS 5727TC			192.1	14.7	76.3	2.8	53.7
HIGH OIL AVERAGE	146.9	184.0	207.1	12.9	85.6	3.7	53.4
LSD (0.10)	8.8	11.0	16.6	2.3	8.6	4.9	1.3
C.V.			5.6	12.5	7.0	92.4	2.6

Table 15C. Annual Summary, 2001, High Oil Hybrids, Lexington, Ky.

BRAND/HYBRID	YIELD BU/AC 99-01	YIELD BU/AC 00-01	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
WYFFELS W7035(Bt)			226.3*	15.3	92.5	5.0	53.3
BECKS 5727TC			219.5*	12.4	82.1	1.6	54.4
PFISTER 3977-19	162.2*	194.7*	219.1*	17.2	97.1	4.3	52.1
WYFFELS W8215			217.1*	13.3	86.7	6.8	53.6
PFISTER SK2680-19			215.9*	12.6	95.8	3.9	51.6
WYFFELS W7355TC		189.7*	214.9*	12.7	91.7	3.7	54.6
PFISTER SK2550-19		183.7*	211.3*	12.8	95.4	6.1	55.0
BECKS 5322TC			196.8	13.2	86.3	5.8	52.0
PIONEER BRAND 34B25			192.0	13.2	97.5	3.0	52.3
HIGH OIL AVERAGE	162.2	189.4	212.6	13.6	92.0	4.5	53.2
LSD (0.10)	10.2	12.9	19.0	1.1	4.8	4.1	1.2
C.V.			6.3	5.7	3.7	63.7	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.

Table 15D. Annual Summary, 2001, High Oil Hybrids, All Locations.

BRAND/HYBRID	YIELD BU/AC 2001	% MOIST 2001	% STAND 2001	TOT % LODGED 2001	TEST WT LBS/BU 2001
WYFFELS W7035(Bt)	218.9*	14.5	88.9	4.0	53.1
PFISTER SK2550-19	216.0*	12.9	91.8	5.9	54.5
WYFFELS W8215	215.7*	14.2	86.9	6.6	54.7
WYFFELS W7355TC	214.3*	13.8	87.5	4.9	55.6
PFISTER 3977-19	211.1*	16.2	91.4	4.4	53.8
PFISTER SK2680-19	210.7*	13.0	90.0	3.8	53.3
PIONEER BRAND 34B25	210.5*	13.4	96.5	3.6	54.1
BECKS 5322TC	207.5	13.5	83.2	6.5	52.7
BECKS 5727TC	198.6	13.9	79.4	3.5	54.6
HIGH OIL AVERAGE	211.5	13.9	88.4	4.8	52.9
LSD (0.10)	10.6	0.9	3.2	2.4	1.2

Table 15E. Two-year Summary, 2000-2001, High Oil Hybrids, All Locations.

BRAND/HYBRID	YIELD BU/AC 00-01	% MOIST 00-01	% STAND 00-01	TOT % LODGED 00-01	TEST WT LBS/BU 00-01
PFISTER 3977-19	189.4*	15.4	91.5	4.8	55.0
WYFFELS W7355TC	186.2*	13.3	86.5	6.1	56.5
PFISTER SK2550-19	185.2*	12.6	88.1	5.7	55.3
HIGH OIL AVERAGE	186.9	13.8	88.7	5.5	57.7
LSD (0.10)	7.2	0.6	2.8	1.8	0.8

* 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 15F. Annual Summary, 2001, High Oil Hybrids, Chemical Composition, Lexington, Ky.

BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....		
Becks 5322TC	11.9	7.9	63.2
Becks 5727	12.4	7.9	62.9
PF 3977-19	11.7	7.2	65.0
PF SK 2550-19	12.0	7.6	63.3
PF SK 2680-19	11.7	6.8	65.4
Pioneer 34B25	12.2	7.2	64.3
Wyffels W7035B	13.3	7.0	63.5
Wyffels W7355T	12.3	7.6	63.3
Wyffels W8215	12.3	7.4	63.5
HIGH OIL AVERAGE	12.2	7.4	63.8

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



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