

1995 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 1995 data is presented for the tests at each location. Two- and three-year averages for yield are included in each of the single location tables. Readers are encouraged to consider these multiple year averages and the averages over locations (Tables 4, 5, and 6) since these are better estimates of a hybrid's yield ability than data gathered at one location in one year.

Comparisons between yields or 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 with another grown at a different location. Yellow endosperm hybrids are grouped into early-, mid-, and late-maturity groups based on harvest moisture. 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 1996. Seed of each commercial hybrid (Table 2) was obtained from the sponsoring company.

Those hybrids grown in the corn virus test are indicated with a B in column 2 of Table 2. The hybrid corn companies were asked to nominate those hybrids known to have virus resistance for inclusion in the virus test.

Location of Tests

The map on page 1 shows the test locations. The non-virus test sites were selected to represent different agroclimatic areas of the state where corn is a major commodity. The virus evaluation site was located at Frankfort.

Cultural Practices

The test location at Hodgenville was planted no-till in soybean residue using recommended no-tillage practices. The tests at Elkton and Quicksand were planted minimum-till in

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corn stalk residue. The other test locations were planted in a seedbed prepared by conventional tillage methods. 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. Except for the virus test, Force was applied in the row at planting to control corn rootworms. The virus test received no insecticide. Table 3 shows the specific cultural treatment for each location.

Experimental Design and Mean Comparisons

Each hybrid was grown in three separate plots 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 2-year and 3-year means are averages of six and nine replications, respectively. An 11 x 12 lattice design was used at each non-virus location. A 7 x 6 lattice design was used at the virus location.

Locations of the 1995 Hybrid Corn Performance Test



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/a)
A	130
B	125
C	120
LSD (0.10) = 8.0	

The deviation between variety A and variety B is 5 bu/a (130-125=5). The difference is smaller than the LSD (8 bu/a). 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 10 bu/a (130-120=10) which is larger than the LSD of (8 bu/a). 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 means that those means followed by an asterisk do not differ by more than one LSD.

The coefficient of variation (C.V.) is a measure of the accuracy of the results of a given variety trial and is used to evaluate the precision of the trials. This is usually the amount of unexplained variation that exists between varieties within a trial. So the lower the C.V. the more precise the results.

Planting

All plots were planted with a two-row, no-till planter modified for small plot work. The planter boxes were replaced by special planting cones which allowed planting of a specified number of kernels per plot. Each plot consisted of two rows 36 inches apart and 22 feet long. Each conventional tillage test was planted at the rate of 23,760 kernels per acre. The no-till test at Hodgenville was planted at a rate of 25,740 kernels per acre. Final stands were expected to be between 20,000 and 22,000 plants per acre if average stand losses occurred.

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 was temporarily stored in a portable data logging device prior to transfer to a computer at Lexington. Yields were calculated and adjusted to 15.5% moisture. Dropped ears were not gleaned from the plots. The total number of plants and lodged plants were recorded immediately prior to harvest. One data replication at the Murray, Ky test and one replication at the

Elkton, Ky test were deleted because of excessive numbers of missing plants caused by a planter malfunction.

Corn Virus

Two corn virus diseases occur in Kentucky: maize dwarf mosaic virus (MDM) and maize chlorotic dwarf virus (MCD). Both overwinter in johnsongrass and are usually present as a virus complex. The virus test was planted with 36 nominated hybrids and six check hybrids. Virus symptoms were present on some isolated johnsongrass plants along the edge of the plot area. However, no symptoms were present in the test.

Unfortunately, the test was located very near a stream that overflowed and caused serious damage to numerous plots in the first replication. Also, plot areas in the second and third replications had "wet spots" that obviously affected plant growth. The yield results were significantly affected; the test had a C.V. of nearly 30%. In our judgment the high C.V. and lack of meaningful virus infection made the remaining data much less meaningful and perhaps misleading. Consequently, we have not reported the 1995 Virus Test results.

Gray Leaf Spot

Data on the severity of gray leaf spot were collected on two dates by Dr. P. Vincelli (Extension Plant Pathologist, Department of Plant Pathology, University of Kentucky) at a special planting of all hybrids at a Lincoln, Co. site near Stanford, KY. On each date, the percentage of blighting due to gray leaf spot was estimated visually on the ear leaf on five randomly selected plants in each plot. The 1995 data are presented in Table 14 and were analyzed and adjusted by the lattice procedure as used for all other test variables. These results may be compared to prior year evaluations at Hopkinsville, KY in 1994 and at Quicksand, KY in 1993 and earlier (contact Dr. Vincelli for 1993 and previous year's data).

Gray leaf spot developed late in the season and was likely not a major determinant of yield for most hybrids tested. However, these data provide some indication of relative susceptibility to gray leaf spot and may be useful in selecting hybrids for sites where gray leaf pressure is heavy, particularly fields under no-till continuous corn production. Several years of gray leaf spot ratings should be examined before selecting a hybrid with partial resistance to the disease, since hybrid reactions vary under different environmental conditions.

Maturity Comparisons

Three open-pedigree hybrids (FR618 X FR600, FR27 X Mo17, and FR27 X Pa91) were included in each non-virus test to provide an internal evaluation of hybrid maturity. The seed of these hybrids was obtained from Illinois Foundation Seeds, Inc., at Champaign, IL, who rated the relative maturities of these hybrids for Kentucky, as Early-, Mid-, and Late-Season, respectively. The seven location harvest moisture averages for 1995 were 15.4% for FR618 X FR600, 15.6% for FR27 X Mo17, and 16.8% for FR27 X Pa91 (Table 4). Harvest maturity of other hybrids in the test can be judged by comparison of harvest moisture relative to these checks and other hybrids of known maturity for your area of production.

The yellow endosperm hybrids were separated into three maturity groups using the 1995 harvest moisture summary over all non-virus locations in Table 4. The early maturity hybrid group in Table 4, and all subsequent tables, are those hybrids

that had a 1995 average harvest moisture equal to or less than 15.4%, the moisture of the early check FR18 x FR600. Hybrids in the early group were rated from 110 to 115 days maturity by the parent seed companies.

The lower limit of the late maturity hybrid group, 16.8%, was calculated as the moisture content of FR27 X Pa91. All hybrids that were equal to or greater than this value were placed in this late maturity group. Hybrids in this group were rated from 114 to 125 days maturity by the parent seed companies.

The medium maturity group of yellow hybrids includes all hybrids with a 1995 average harvest moisture equal to or greater than 15.4% (early check average) but lower than 16.8% (late check average). Hybrids in the medium maturity group were rated from 113 to 119 days maturity by the parent seed companies.

These groupings are subjective but provide a relative evaluation of hybrid maturity. Additional information about hybrid maturity may be available from the parent seed company. The harvest moisture or relative maturity rating of a hybrid provided by the parent company was not used to block hybrids in the field experiment.

Notes About The Growing Season

Murray (Calloway County)

The Murray test was planted on April 19. Plant populations and early weed control were good except for replication 1. The previous crop was no-till wheat/soybeans.

Princeton (Ky. Agr. Exp. Sta., Research and Education Center)

The Princeton test was planted on May 11 in soybean residue. Stand counts were made on June 21. Weed control was fair but there were scattered infestations of johnsongrass and cocklebur especially in the alleyways. There appeared to be no disease problems, and no apparent insect problems.

Elkton (Todd County)

The Elkton test was planted on May 31. Stand counts made on June 21 indicated that good stands had been established. There was some Southwestern corn borer damage in the test. Various vines species were present at harvest.

Clay (Webster County)

The Clay test was planted on June 1. Stand counts were made on June 20. Johnsongrass and cocklebur were eliminated by hand spraying during the summer. At harvest some burcucumber was present. There was some Southwestern and European corn borer damage. There were no apparent disease problems.

Hodgenville (Larue County)

The Hodgenville test was planted no-till in soybean crop residue on May 12. Heavy rainfall (9.5") during the first week after planting caused soil compaction and poor seedling emergence on the first range. Stand counts were taken June 23 and were good. Weed control was excellent for the entire season. There was no apparent disease problems.

Lexington (Ky. Agr. Exp. Sta., Spindletop Research Farm)

The Lexington test was planted on April 28. Seedling emergence and weed control were good. Late season grasses in alleyways were sprayed with Roundup. There were no disease problems. Some Japanese beetles were present along the borders of the test.

Quicksand (Ky. Agr. Exp. Sta., Robinson Substation)

The Quicksand test was planted on May 26. Early season weed control and seedling emergence were excellent for most plots. The alleyways were sprayed to control johnsongrass and other missed weeds and grasses.

Frankfort (Franklin County)

The Frankfort virus evaluation test was planted on June 9. Alleyways were sprayed with Roundup to control late season grasses. There were no insect or disease problems. There were some severe lodging problems. Wet areas and overflow from a nearby stream caused late season plot damage that significantly affected yield and test variability. Virus ratings were not taken and agronomic data are not reported.

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.

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Table 1. Precipitation at Test Locations, 1995

Month	Days	Location						
		Murray	Princeton	Elkton	Clay	Hodgenville	Lexington	Quicksand
April	1-8	0.00	0.00	--	--	--	1.13	0.00
	9-16	0.29	0.16	--	--	--	2.72	0.62
	17-24	3.28*	2.28	--	--	--	0.09	2.90
	25-30	<u>1.06</u>	<u>0.40</u>	--	--	--	<u>2.10*</u>	<u>0.27</u>
	Total	4.63	2.84	0.00	0.00	0.00	6.04	3.79
May	1-8	1.45	1.91	--	--	0.00	2.32	0.86
	9-16	2.59	1.50*	--	--	6.00*	1.30	4.04
	17-24	3.22	3.43	--	--	3.50	0.00	3.38
	25-31	<u>1.17</u>	<u>0.86</u>	-- *	--	<u>1.30</u>	<u>0.44</u>	<u>0.48*</u>
	Total	8.43	7.70	0.00	0.00	10.80	4.06	8.76
June	1-8	1.96	1.62	2.38	0.00*	.70	0.25	0.81
	9-16	0.79	1.51	0.10	0.57	1.10	0.12	1.88
	17-24	2.42	0.68	1.10	0.15	1.20	0.24	0.42
	25-30	<u>0.79</u>	<u>1.40</u>	<u>0.05</u>	<u>0.00</u>	<u>0.00</u>	<u>1.42</u>	<u>0.63</u>
	Total	5.96	5.21	3.63	0.72	3.00	2.03	3.74
July	1-8	1.24	0.59	0.95	0.73	1.90	0.01	0.54
	9-16	0.28	0.08	0.40	0.00	1.20	0.35	0.00
	17-24	1.81	1.13	0.40	0.10	1.30	0.91	0.05
	25-31	<u>0.87</u>	<u>2.34</u>	<u>2.00</u>	<u>3.71</u>	<u>0.40</u>	<u>1.38</u>	<u>0.92</u>
	Total	4.20	4.14	3.75	4.54	4.80	2.65	1.51
August	1-8	5.89	3.57	1.70	0.00	3.55	0.75	0.60
	9-16	0.30	0.57	0.30	4.94	0.10	0.28	0.52
	17-24	0.09	0.00	0.00	0.90	0.00	3.95	0.05
	25-31	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.50</u>	<u>0.88</u>	<u>0.00</u>
	Total	6.28	4.14	2.00	5.84	4.15	5.86	1.17
Sept.	1-8	0.00	0.00	0.00	0.00	0.00	0.75	1.02
	9-16	0.94	1.64	0.70	0.12	4.60	0.00	1.83
	17-24	0.05**	0.26	0.70	2.57	0.10	0.32	1.77
	25-30	<u>0.18</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.36</u>	<u>0.41</u>
	Total	1.17	1.90	1.40	2.69	4.70	1.43	5.03
Grand Total		30.67	25.93	10.78	13.79	27.45	22.07	24.00

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

Table 2. Hybrids Tested in 1995

Hybrid	Test*	Color	Cross**	Source
Adler's	6130	A	Yellow 2X	Adler Seeds, Inc. Route 1 Sharpesville, IN 46068
	6140	A	Yellow 2X	
	4995	A	Yellow 2X	
AgraTech	709	A	Yellow 2X	AgraTech Seed Research P.O. Box 644 Atlanta, GA 31714
	787	A	Yellow 2X	
	774	A	Yellow 2X	
	888	B	Yellow 2X	
	967	B	Yellow 2X	
	9250	B	Yellow 2X	
AgraGold	XA2407	A	Yellow 2X	Akin Seed Company Route 1 St. Francesville, IL 62460
	XA3302W	A	Yellow 2X	
	A-6716	A	Yellow 2X	
	A-6565W	A	White 2X	
	A-6796W	AB	White 2X	
Asgrow	RX770	A	Yellow 2X	Asgrow Seed Company P.O. Box 7570 Des Moines, IA 50322
	RX919	A	Yellow 2X	
	RX789	AB	Yellow 2X	
	RX801	A	Yellow 2X	
	RX893	A	White 2X	
	RX743	A	Yellow 2X	
	RX843	A	Yellow 2X	
	RX938	B	Yellow 2X	
	X7874	B	Yellow 2X	
	RX795W	A	White 2X	
Beck's	68	A	Yellow 2X	Beck's Superior Hybrids 6767 E. 276th Street Atlanta, IN 46031
	1682	A	Yellow 2X	
	2002	A	Yellow 2X	
	7101	A	Yellow 2X	
	85MDM	B	Yellow 2X	
	87MDM	B	Yellow 2X	
Bo-Jac	629	AB	Yellow 2X	Bo-Jac Hybrid Corn Company R. R. #2 Mount Pulaski, IL 62548
	409	AB	Yellow 2X	
	577	AB	Yellow 2X	
	615	A	Yellow 2X	
	580	A	Yellow 2X	
Callahan	C7461	A	Yellow 2X	Callahan Seeds 1122 East 169th St. P.O. Box 367 Westfield, In. 46074
	C7463	A	Yellow 2X	
	C7466	A	Yellow 2X	
Cargill	6997	A	Yellow 2X	Cargill Seeds P.O. Box 9480 Minneapolis, MN 55440
	9027	A	Yellow 2X	
	7777	A	Yellow 2X	
	7997	A	Yellow 2X	
	8936	B	Yellow 2X	
Caverndale Farms	CF950A	A	Yellow 2X	Caverndale Farms Route 2 Danville, KY 40422
	CF953	A	Yellow 2X	
	CF920W	A	White 2X	
	CF840	A	Yellow 2X	
	CF922	A	Yellow 2X	
	CF8905	AB	Yellow 2X	
CIBA Seeds	4494	A	Yellow 2X	CIBA Seeds Division P.O. Box 18300 Greensboro, NC 27419
	4545	A	Yellow 2X	
	4671	AB	Yellow 2X	
	4575	A	Yellow 2X	
	4714	A	Yellow 2X	
	4652W	A	White 2X	
Colbert	326	A	Yellow 2X	Colbert Farms R. R. #2 Washington, IN 47501
	279	A	Yellow 2X	
	324	A	Yellow 2X	
Crow's	494	A	Yellow 2X	Crow's Hybrid Corn Company Box 306 Milford, IL 60953
	490	A	Yellow 2X	
	685	A	Yellow 2X	
	668	A	Yellow 2X	
	702	AB	Yellow 2X	
DeKalb	DK588	A	Yellow 2X	DEKALB Genetics Corp. 3100 Sycamore Road DeKalb, IL 60115
	DK668	A	Yellow 2X	
	DK683	AB	Yellow 2X	
	DK626	A	Yellow 2X	
	DK714	A	Yellow 2X	
	DK743	AB	Yellow 2X	
	DK703W	A	White 2X	
DK706	A	Yellow 2X		
Freedom	5575	A	Yellow 2X	Freedom Seed Company P.O. Box 575 Astoria, IL 61501
	5666	A	Yellow 2X	
	5695	A	Yellow 2X	
Glick Seed	GH752	A	Yellow 2X	Glick Seed Service 16801 E-100N Hartsville, IN 47224
	GH705	A	Yellow 2X	
Golden Harvest	H2573	A	Yellow 2X	Thorp Seed Company R.R. 3, Box 257 Clinton, IL 61727
	H2611	AB	Yellow 2X	
	H2622	A	Yellow 2X	
	H2641	A	Yellow 2X	

Table 2. Hybrids Tested in 1995 (continued)

	Hybrid	Test*	Color	Cross**	Source
ICI Seeds	8285	A	Yellow	2X	ICI Seeds, Inc. 6495 Vista Dr. West Des Moines, IA 50266
	8220	AB	Yellow	2X	
	8315	A	Yellow	2X	
	SB1860	B	Yellow	2X	
L G Seeds	LG2632	A	Yellow	2X	LG Seeds, Windfall Service Center PO Box 457 RT 213 S. Windfall, In. 46076
	LG2705	A	Yellow	2X	
Lynks Seed	2868	A	Yellow	2X	Lynks Seeds P.O. Box 637 Marshalltown, IA 50158
	2807	A	Yellow	2X	
Mycogen	7660	A	Yellow	2X	Mycogen Plant Sciences 624 27th Street Lubbock, TX 79404
	8240	A	Yellow	2X	
	9220	AB	Yellow	2X	
	8460	AB	Yellow	2X	
Northrup King	N6330	A	Yellow	2X	Northrup-King & Company P.O. Box 959 Minneapolis, MN 55440
	N7989	A	Yellow	2X	
	N7992	A	Yellow	2X	
	N8020	A	Yellow	2X	
	N8727	A	Yellow	2X	
	N7590	A	Yellow	2X	
Pfister Hybrids	3350 VR	B	Yellow	2X	Pfister Hybrid Corn Co. P.O. Box 187 El Paso, IL 61738
	3976	A	Yellow	2X	
Pioneer Brand	3140	A	Yellow	2X	Pioneer Hi-Bred Int'l. 6767 Old Madison Pike Suite 110 Huntsville, AL 35806
	3154	B	Yellow	2X	
	3156	B	Yellow	2X	
	3163	A	Yellow	2X	
	3165	A	Yellow	2X	
	3130	B	Yellow	2X	
	3245	A	Yellow	2X	
	3279	A	Yellow	2X	
	3394	A	Yellow	2X	
	3281W	A	White	2X	
	X1134M	B	Yellow	2X	
	3223	A	Yellow	2X	
	3203W	A	White	2X	
3443W	A	White	2X		
Southern Cross	SC412	A	Yellow	2X	Miles Seed 2760 Keller Rd. Owensboro, KY 42301
	SC612	A	Yellow	2X	
	SC214	A	Yellow	2X	
	SC714	A	Yellow	2X	
	SC912	B	Yellow	2X	
Southern States	SS793	A	Yellow	2X	Southern States Coop., Inc. P.O. Box 26234 Richmond, VA 23260
	SS757W	A	White	2X	
	SS883A	B	Yellow	2X	
	SS943	AB	Yellow	2X	
	SS676	A	Yellow	2X	
	SS827	A	Yellow	2X	
Terra Seed	TR1091	A	Yellow	2X	Terra International, Inc. 600 Fourth Street Sioux City, IA 51101
	TR1167	A	Yellow	2X	
	TR1185	AB	Yellow	2X	
	TR702E	A	Yellow	2X	
	TR1154	A	Yellow	2X	
	E1204	B	Yellow	2X	
Vigoro	1165	A	Yellow	2X	Vigoro Industries P.O. Box 156 Jefferson, GA 30549
	1195	AB	Yellow	2X	
	1204	AB	Yellow	2X	
	EXP1995	A	Yellow	2X	
Vineyard	V-448W	A	White	2X	Vineyard Seed Co., Inc. P.O. Box 139 Sidney, IL 61877
	V-453W	AB	White	2X	
	V-472W	AB	White	2X	
	FC-521	A	Yellow	2X	
Zimmerman	Z21	A	Yellow	2X	Zimmerman Hybrids, Inc. 5147 W. Franklin Rd. Evansville, IN 47712
	Z41	A	Yellow	2X	
	Z29	A	Yellow	2X	
	Z62W	A	White	2X	
	Z63W	A	White	2X	
	Z64W	A	White	2X	
K.A.E.S.	FR618xFR600	A	Yellow	2X	Illinois Found. Seeds, Inc. P.O. Box 722 Champaign, IL 61820
	FR27xMo17	A	Yellow	2X	
	FR27xPa91	A	Yellow	2X	

* A = Performance Test, B = Virus Test
** 2X = Single Cross

Table 3. Agronomic Information Pertaining to 1995 Test Locations

Location and Cooperator	Soil Type	Fertilizer Lb/Ac	Herbicide	Insecticide	Planting Dates	Harvest Dates
1) Murray, KY Carroway Farm	Calloway Silt Loam	N -176 P ₂ O ₅ -69 K ₂ O -90	Bicep Atrazine	Force 1.5G	April 19	Sept. 21
2) Princeton, KY Western Kentucky Res. & Ed. Center	Huntington & Lindside Silt Loam	N -188 P ₂ O ₅ -0 K ₂ O -133	Sutan Bullet Beacon	Force 1.5G	May 11	Oct. 16 & 17
3) Clay, KY Robbin Rhea	Collins Silt Loam	N -204 P ₂ O ₅ -75 K ₂ O -98	Beacon Clarity Bicep Atrazine Gramoxone	Force 1.5G	June 1	Oct. 18
4) Elkton, KY Allen Franks Farm	Pembroke	N -167 P ₂ O ₅ -159 K ₂ O -0	Bicep Atrazine Ambush	Force 1.5G	May 31	Oct. 11 & 12
5) Hodgenville, KY George Pickeral	Elk Silt Loam	N -175 P ₂ O ₅ -0 K ₂ O -100	Atrazine 2,4-D, Harness & Atrazine	Force 1.5G	May 12	Oct. 24 & 25
7) Lexington, KY K.A.E.S. Spindletop Farm	Lanton Silt Loam	N -150 P ₂ O ₅ -0 K ₂ O -100	Sutan+ & Aatrex & Lasso	Force 1.5G	April 28	Oct. 9 & 10
8) Quicksand, KY Robinson Forest Station	Philo Silt Loam	N -158 P ₂ O ₅ -87 K ₂ O -87	Sutan+ & Aatrex & Lasso & Beacon	Force 1.5G	May 26	Oct. 30 & 31
8) Frankfort, KY Allan Tracey	Huntington Silt Loam	N -153 P ₂ O ₅ -0 K ₂ O -120	Aatrex & Sutan+	None	June 6	Nov. 10

Table 4. Annual Summary, 1995, All Non-Virus Locations

BRAND/HYBRID	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
EARLY YELLOW HYBRIDS (< OR = 15.4 % HARVEST MOISTURE)				
GLICK SEED GH705	134.1	15.4	92.9	1.1
VIGORO 1165	129.6	15.1	94.9	1.7
PIONEER BRAND 3394	129.3	15.1	93.9	2.2
CROW'S 494	129.2	15.1	94.1	3.1
FR618 X FR600	128.0	15.4	95.0	2.7
AGRATECH 709	125.6	15.3	93.1	2.9
CIBA SEEDS 4494	125.0	15.1	95.1	2.5
NORTHROP-KING N7590	124.0	15.1	89.7	1.7
GOLDEN HARVEST H-2611	121.6	15.1	94.7	3.1
EARLY YELLOW AVERAGE	127.4	15.2	93.7	2.3
MEDIUM YELLOW HYBRIDS (> 15.4 AND < 16.8 % HARVEST MOISTURE)				
AGRATECH 787	143.4*	16.1	94.2	1.8
AGRIGOLD XA2407	142.0*	16.4	92.3	1.6
DEKALB DK668	141.7*	16.2	93.5	1.1
PIONEER BRAND 3245	141.0*	15.9	92.1	1.9
COLBERT 326	140.3*	16.6	92.8	2.1
CROW'S 668	138.7*	16.5	93.6	1.6
CROW'S 685	137.4	16.0	93.9	2.1
LYNK'S SEEDS 2807	137.3	15.7	93.8	2.1
PIONEER BRAND 3140	137.0	16.7	92.8	1.9
VINEYARD FC521	134.7	16.0	94.7	2.5
ASGROW RX919	134.2	16.7	93.2	3.4
NORTHROP-KING N8020	133.9	16.6	95.2	1.8
L.G. SEEDS LG2705	133.8	16.1	93.7	1.6
SO. STATES SS656	133.5	15.9	93.9	2.4
ASGROW RX770	133.2	16.0	93.9	2.2
ZIMMERMAN Z41	133.1	15.5	93.1	1.8
DEKALB DK626	133.1	15.6	91.9	2.5
PIONEER BRAND 3163	133.0	16.2	93.4	4.3
LYNK'S SEEDS 2868	132.9	16.5	90.3	1.5
CARGILL 7777	132.8	15.9	93.9	2.2
VIGORO 1195	132.1	16.6	90.7	2.7
FREEDOM 5666	131.8	15.9	93.1	1.5
COLBERT 324	131.7	16.6	94.0	2.3
TERRA SEED TR1154	131.5	15.9	91.7	1.8
COLBERT 279	131.5	15.9	93.8	2.0
CAVERNDAL FM. CF 840	131.5	16.0	93.6	2.1
CALLAHAN C7466	131.1	16.5	94.2	1.8
AGRIGOLD A-6716	130.6	16.4	92.6	1.3
FR27 X M017	130.5	15.6	92.0	2.6
ASGROW RX789	130.4	15.8	94.4	1.9
BO-JAC 580	130.4	16.0	93.1	2.2
MYCOGEN 8240	130.0	16.4	91.2	1.3
SO. CROSS SC-714	129.6	16.4	93.4	1.7
BECK'S 68	129.1	16.7	90.6	3.3
BO-JAC 629	129.1	16.7	93.0	1.7
CROW'S 490	129.0	16.5	92.4	1.7
CIBA SEEDS 4575	128.1	15.8	92.3	2.2
TERRA SEED TR1167	128.0	16.7	90.4	1.8
SO. CROSS SC-612	128.0	16.7	86.4	1.7
BO-JAC 615	127.8	16.6	92.7	1.3
BECK'S 1682	127.5	16.3	89.9	1.8
MYCOGEN 7660	127.4	16.7	89.5	2.0
ADLER'S 6130	126.9	15.8	92.8	1.1
TERRA SEED TR1091	126.6	15.6	94.7	2.0
FREEDOM 5575	126.5	15.7	92.3	1.1
CIBA SEEDS 4545	126.2	15.9	93.6	3.2
CALLAHAN C7463	126.2	16.2	96.6	1.2
NORTHROP KING N6330	126.1	15.9	94.5	2.3
NORTHROP-KING N7992	125.7	16.7	94.2	2.0
L.G. SEEDS LG2632	125.0	15.5	93.1	1.5
CARGILL 7997	124.9	16.6	92.9	1.8
GOLDEN HARVEST H-2622	124.5	16.4	91.4	1.5
ADLER'S 6140	124.1	15.6	94.7	3.2
CALLAHAN C7461	123.7	15.6	94.8	3.3
CAVERNDAL FM. CF 953	122.9	15.8	94.4	2.0
GOLDEN HARVEST H-2573	122.4	15.9	93.6	1.3
ADLER'S 4995	122.0	15.9	92.9	2.9
BECK'S 7101	121.8	16.2	93.1	1.6
BO-JAC 577	121.7	15.8	92.9	1.4
SO. CROSS SC-412	121.0	16.6	92.5	2.0
ASGROW RX743	120.2	16.2	93.0	1.7
GLICK SEED GH752	119.1	16.2	92.5	1.5
ASGROW RX801	118.8	16.0	95.1	1.0
ASGROW RX893	118.4	15.7	86.9	2.1

Table 4. Annual Summary, 1995, All Non-Virus Locations (continued)

BRAND/HYBRID	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
CIBA SEEDS 4671	117.8	16.3	94.4	4.1
CARGILL 6997	117.5	15.7	93.5	2.2
BO-JAC 409	117.3	15.5	92.6	2.5
SO. STATES SS676	117.1	15.8	93.3	2.2
ICI SEEDS 8285	117.0	16.3	94.4	1.6
DEKALB DK588	116.7	15.7	94.0	1.2
ASGROW RX843	113.1	16.5	93.4	2.5
SO. CROSS SC-214	107.4	16.5	87.8	2.5
MEDIUM YELLOW AVERAGE	128.1	16.1	92.9	2.0
LATE YELLOW HYBRIDS (= OR > 16.8 % HARVEST MOSTURE)				
CROW'S 702	148.2*	17.4	93.8	1.9
SO. STATES SS943	147.7*	17.0	92.8	2.5
VIGORO EXP1995	144.7*	18.6	91.8	2.7
BECK'S 2002	143.2*	16.9	92.4	2.1
ZIMMERMAN Z21	142.1*	17.1	93.4	1.3
ICI SEEDS 8315	140.8*	16.8	94.5	3.5
ICI SEEDS 8220	140.4*	17.6	93.6	1.9
PFISTER 3976	139.9*	16.9	92.0	1.5
DEKALB DK683	138.7*	16.8	93.1	2.4
DEKALB DK714	138.2	17.4	91.6	2.1
DEKALB DK743	137.3	18.3	92.6	3.6
ZIMMERMAN Z29	136.3	16.8	93.7	1.1
TERRA SEED TR702E	136.2	17.9	93.8	2.8
MYCOGEN 8460	135.6	17.3	93.7	2.7
TERRA SEED TR1185	134.4	17.2	94.2	3.5
DEKALB DK706	134.4	17.5	93.2	2.5
CARGILL 9027	133.1	16.8	94.4	2.4
AGRATECH 774	130.3	17.0	94.3	1.3
VIGORO 1204	130.0	17.3	92.8	2.2
GOLDEN HARVEST H-2641	128.3	17.2	85.7	1.5
FREEDOM 5695	127.8	17.4	91.2	1.9
SO. STATES SS827	126.2	16.8	94.4	2.7
PIONEER BRAND 3223	125.4	16.8	93.3	2.7
PIONEER BRAND 3165	123.8	17.7	92.4	4.0
SO. STATES SS793	122.7	17.1	87.4	2.7
CAVERNDALE FM. CF 950A	122.6	17.1	91.1	2.3
FR27 X PA91	121.7	16.8	89.3	4.5
NORTHROP KING N8727	120.6	18.0	92.5	2.6
PIONEER BRAND 3279	120.4	17.2	90.7	2.5
NORTHROP KING N7989	119.2	16.8	94.8	1.5
CAVERNDALE FM. CF 922	118.4	17.3	89.0	3.4
CIBA SEEDS 4714	118.0	17.1	90.2	3.0
MYCOGEN 9220	117.8	17.0	88.2	3.7
CAVERNDALE FM. CF 8905	92.9	19.7	94.2	2.8
LATE YELLOW AVERAGE	130.5	17.3	92.2	2.5
ALL YELLOW AVERAGE	128.7	16.4	92.8	2.2
WHITE HYBRIDS				
PIONEER BRAND 3203W	136.1	17.1	92.8	2.6
CIBA SEEDS 4652W	129.6	17.4	95.0	1.9
DEKALB DK703W	128.9	17.1	90.6	1.3
ZIMMERMAN Z62W	128.8	15.8	95.6	2.3
ZIMMERMAN Z64W	128.0	17.2	92.5	3.2
PIONEER BRAND 3281W	125.6	16.6	93.4	2.6
AGRIGOLD A-6565W	123.8	17.5	86.8	2.6
SO. STATES SS757W	123.7	16.8	93.1	1.5
ASGROW RX795W	123.7	17.0	93.3	1.7
VINEYARD V-453W	121.4	16.6	95.1	1.9
ZIMMERMAN Z63W	120.3	18.0	92.0	3.4
AGRIGOLD XA3302W	118.5	17.5	92.2	2.4
VINEYARD V-472W	116.2	17.9	94.1	8.7
CAVERNDALE FM. CF 920W	113.3	18.5	91.7	3.2
PIONEER BRAND 3443W	111.4	16.2	94.2	3.4
AGRIGOLD A-6796W	104.1	18.2	88.7	3.0
VINEYARD V-448W	102.7	17.3	92.0	2.5
WHITE AVERAGE	120.9	17.2	92.5	2.8
GRAND AVERAGE	127.7	16.5	92.7	2.3
LSD (0.10)	9.8	0.6	3.0	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 mean in that column.

Table 5. Two-Year Summary, 1994-95, All Non-Virus Locations

BRAND/HYBRID	YIELD BU/AC 94-95	AVG % MOIST 94-95	AVG % STAND 94-95	TOT % LODGED 94-95
EARLY YELLOW HYBRIDS				
CROW'S 494	144.8	16.6	93.4	4.8
PIONEER BRAND 3394	142.5	16.6	91.6	3.2
GOLDEN HARVEST H-2611	139.5	16.8	91.3	3.7
NORTHROP-KING N7590	138.5	16.7	88.0	4.7
FR618 X FR600	138.2	16.6	91.9	4.2
CIBA SEEDS 4494	138.0	16.5	92.4	3.8
EARLY YELLOW AVERAGE	140.2	16.6	91.4	4.1
MEDIUM YELLOW HYBRIDS				
PIONEER BRAND 3140	154.5	18.2	89.2	4.5
LYNK'S SEEDS 2807	153.2	16.9	91.6	2.4
AGRATECH 787	153.0	18.0	91.3	2.9
COLBERT 326	152.7	18.4	90.0	3.3
PIONEER BRAND 3245	150.2	17.5	91.9	3.3
ASGROW RX919	149.9	18.1	91.8	4.7
CROW'S 668	149.4	18.1	90.2	1.9
DEKALB DK668	146.5	18.4	90.6	1.0
COLBERT 324	145.9	18.6	91.6	3.4
NORTHROP-KING N8020	145.9	18.1	92.0	2.1
COLBERT 279	145.4	17.6	91.4	3.4
LYNK'S SEEDS 2868	144.9	18.4	90.9	1.9
ASGROW RX770	144.5	17.1	92.0	4.1
BO-JAC 629	144.3	17.9	90.6	2.1
CIBA SEEDS 4545	143.8	17.7	89.6	2.4
TERRA SEED TR1167	143.7	18.3	90.1	1.6
AGRIGOLD A-6716	143.6	18.2	89.7	1.4
NORTHROP-KING N7992	143.6	18.2	90.5	4.7
PIONEER BRAND 3163	143.4	17.6	90.5	6.5
FR27 X M017	143.1	17.3	90.2	4.5
CAVERNDAL FM. CF 840	143.1	18.0	90.7	4.2
SO. CROSS SC-612	142.8	18.2	86.8	1.7
BECK'S 68	141.7	17.9	89.3	2.8
CIBA SEEDS 4671	141.7	18.5	90.5	4.8
MYCOGEN 8240	141.7	17.9	89.1	1.5
ADLER'S 6130	140.7	17.4	89.8	2.0
BO-JAC 615	140.1	18.1	90.4	3.0
ADLER'S 6140	138.9	16.8	91.0	3.4
GLICK SEED GH752	137.7	17.8	89.7	1.8
BO-JAC 577	137.3	17.2	90.6	2.0
BECK'S 7101	134.7	17.6	89.2	2.5
CAVERNDAL FM. CF 953	134.4	18.0	87.8	2.1
SO. CROSS SC-412	133.7	18.4	87.7	2.3
NORTHROP KING N6330	132.8	17.0	89.3	5.5
MEDIUM YELLOW AVERAGE	143.6	17.9	90.2	3.0

Table 5. Two-Year Summary, 1994-95, All Non-Virus Locations (continued)

BRAND/HYBRID	YIELD BU/AC 94-95	AVG % MOIST 94-95	AVG % STAND 94-95	TOT % LODGED 94-95
LATE YELLOW HYBRIDS				
SO. STATES SS943	162.4*	19.0	90.1	2.0
DEKALB DK743	158.8*	20.0	89.9	4.0
CROW'S 702	156.9*	19.3	91.3	2.4
MYCOGEN 8460	152.4	19.1	90.9	4.0
PIONEER BRAND 3165	151.5	19.0	92.3	5.5
ICI SEEDS 8315	151.4	18.8	90.7	5.6
DEKALB DK714	151.0	18.9	89.8	2.8
ZIMMERMAN Z21	148.6	19.0	91.4	2.2
CARGILL 9027	148.5	18.3	90.6	2.6
VIGORO 1204	148.4	18.6	90.7	1.7
DEKALB DK683	148.3	18.4	88.4	2.7
SO. STATES SS827	148.2	18.7	91.5	2.4
ZIMMERMAN Z29	147.3	18.3	91.2	3.4
TERRA SEED TR1185	146.6	18.8	90.4	7.1
PIONEER BRAND 3279	144.8	18.0	90.7	3.1
CIBA SEEDS 4714	142.5	19.2	89.4	3.6
FR27 X PA91	140.3	18.8	88.0	6.1
NORTHROP KING N8727	140.3	19.1	90.0	2.3
CAVERNDALE FM. CF 922	140.2	19.2	87.3	5.6
NORTHROP KING N7989	136.4	18.6	90.9	2.7
CAVERNDALE FM. CF 950A	134.2	18.2	87.4	3.2
MYCOGEN 9220	129.6	19.3	82.6	3.7
LATE YELLOW AVERAGE	146.7	18.8	89.8	3.6
ALL YELLOW AVERAGE	144.4	18.1	90.2	3.3
WHITE HYBRIDS				
CIBA SEEDS 4652W	147.8	19.7	90.8	3.0
ZIMMERMAN Z64W	147.1	19.0	90.9	3.7
ZIMMERMAN Z62W	145.9	17.5	91.7	3.1
ASGROW RX795W	140.2	18.4	91.2	2.2
ZIMMERMAN Z63W	140.1	20.0	88.9	5.6
DEKALB DK703W	139.9	18.7	88.8	2.4
SO. STATES SS757W	138.8	18.4	90.5	2.3
CAVERNDALE FM. CF 920W	138.3	20.3	89.0	5.6
PIONEER BRAND 3281W	136.9	18.2	90.5	2.6
AGRIGOLD A-6565W	135.2	18.8	86.8	3.5
VINEYARD V-453W	132.8	18.2	91.8	2.2
WHITE AVERAGE	140.3	18.8	90.1	3.3
GRAND AVERAGE	143.8	18.2	90.2	3.3
LSD (0.10)	6.9	0.5	2.1	1.6

* 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 mean in that column.

Table 6. Three-Year Summary, 1993-95, All Non-Virus Locations

BRAND/HYBRID	YIELD BU/AC 93-95	AVG % MOIST 93-95	AVG % STAND 93-95	TOT % LODGED 93-95
EARLY YELLOW HYBRIDS				
PIONEER BRAND 3394	142.5	16.6	90.5	3.7
CIBA SEEDS 4494	133.4	16.6	91.4	4.2
FR618 X FR600	133.3	16.7	93.0	5.8
EARLY YELLOW AVERAGE	136.4	16.6	91.6	4.6
MEDIUM YELLOW HYBRIDS				
PIONEER BRAND 3140	151.9*	18.3	89.5	5.9
COLBERT 326	146.9	18.6	90.4	7.4
ASGROW RX919	145.9	18.5	91.4	5.7
PIONEER BRAND 3245	144.8	17.5	90.8	6.2
DEKALB DK668	144.6	18.4	90.6	3.0
AGRATECH 787	144.4	18.1	90.7	4.0
BO-JAC 629	144.1	18.1	91.5	4.3
CROW'S 668	143.4	18.3	89.9	3.2
COLBERT 324	141.9	18.8	92.4	6.2
COLBERT 279	141.8	17.7	92.1	5.9
PIONEER BRAND 3163	141.5	17.9	89.0	6.6
TERRA SEED TR1167	141.4	18.4	90.5	3.7
LYNK'S SEEDS 2868	141.4	18.6	90.8	3.7
CIBA SEEDS 4671	140.4	18.7	90.1	5.2
BECK'S 68	139.2	17.9	89.8	3.2
ADLER'S 6130	139.1	17.8	90.2	3.7
SO. CROSS SC-612	137.6	18.2	88.8	1.7
MYCOGEN 8240	137.6	18.1	89.7	4.8
FR27 X MO17	136.0	17.4	91.9	7.5
GLICK SEED GH752	135.1	17.8	89.5	2.2
CAVERNDALE FM. CF 953	132.9	18.1	87.6	2.5
SO. CROSS SC-412	131.1	18.4	86.5	4.5
NORTHRUP KING N6330	128.5	17.2	90.0	6.0
MEDIUM YELLOW AVERAGE	140.5	18.1	90.2	4.6
LATE YELLOW HYBRIDS				
SO. STATES SS943	156.8*	19.1	90.3	3.7
DEKALB DK743	156.0*	20.0	89.9	5.9
PIONEER BRAND 3165	150.1	19.4	91.9	5.6
ICI SEEDS 8315	146.8	18.8	91.5	9.6
ZIMMERMAN Z29	146.6	18.4	91.1	5.0
DEKALB DK683	146.5	18.5	88.7	3.5
DEKALB DK714	146.5	19.0	89.5	6.2
CARGILL 9027	146.1	18.4	91.2	5.6
PIONEER BRAND 3279	141.7	18.1	90.5	4.0
NORTHRUP KING N8727	139.5	19.3	90.7	2.7
FR27 X PA91	137.0	19.2	89.6	9.4
NORTHRUP KING N7989	132.6	18.6	90.2	4.2
MYCOGEN 9220	131.4	19.2	85.9	7.1
LATE YELLOW AVERAGE	144.4	18.9	90.1	5.6
ALL YELLOW AVERAGE	141.5	18.3	90.2	5.0
WHITE HYBRIDS				
ZIMMERMAN Z64W	144.1	19.1	90.0	5.3
CIBA SEEDS 4652W	142.2	19.7	90.2	7.2
ASGROW RX795W	137.2	18.5	90.6	6.6
ZIMMERMAN Z63W	136.3	19.9	89.2	7.7
DEKALB DK703W	136.0	18.9	89.5	4.3
AGRIGOLD A-6565W	134.3	18.5	86.9	6.1
SO. STATES SS757W	134.0	18.5	89.9	5.5
PIONEER BRAND 3281W	133.0	18.5	91.2	3.0
VINEYARD V-453W	132.1	18.3	90.2	2.8
WHITE AVERAGE	136.6	18.9	89.7	5.4
GRAND AVERAGE	140.6	18.4	90.1	5.0
LSD (0.10)	5.8	0.3	1.7	1.7

* 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 mean in that column.

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Table 7. Hybrid Corn Performance Test, Murray, KY

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
EARLY YELLOW HYBRIDS						
PIONEER BRAND 3394	139.9*	146.0	165.2*	15.9	87.5	1.6
GLICK SEED GH705			164.7*	16.4	87.5	0.0
CIBA SEEDS 4494	122.7	147.7*	162.1*	16.5	92.4	0.0
VIGORO 1165			158.9*	16.2	88.9	0.0
CROW'S 494		140.3	158.1	15.9	88.2	0.0
NORTHRUP-KING N7590		133.7	147.9	15.9	91.0	0.0
AGRATECH 709			146.3	16.5	93.7	0.0
GOLDEN HARVEST H-2611		137.8	142.8	16.0	97.2	1.4
FR618 X FR600	118.2	125.9	135.8	16.2	91.0	0.0
EARLY YELLOW AVERAGE	126.9	138.6	153.5	16.2	90.8	0.3
MEDIUM YELLOW HYBRIDS						
PIONEER BRAND 3163	121.6	145.1	173.1*	17.3	90.3	0.0
VINEYARD FC521			170.2*	17.1	95.1	2.2
TERRA SEED TR1167	135.4	151.9*	168.5*	16.8	93.7	0.0
CARGILL 7777			167.6*	16.9	93.7	0.7
PIONEER BRAND 3140	153.4*	160.6*	167.2*	18.1	87.5	0.8
AGRATECH 787	126.5	154.3*	166.7*	17.5	88.2	0.8
CROW'S 685			165.2*	16.7	87.5	0.0
TERRA SEED TR1154			164.6*	17.1	90.3	0.7
MYCOGEN 7660			163.5*	17.9	88.2	0.8
CAVERNDAL FM. CF 953	123.4	140.2	162.4*	17.2	93.7	3.7
PIONEER BRAND 3245	116.9	139.4	161.9*	17.4	92.4	0.0
ADLER'S 6140		139.0	160.9*	16.7	92.4	0.0
ZIMMERMAN 741			160.5*	16.6	91.7	1.5
DEKALB DK626			160.2*	15.6	84.7	2.4
LYNK'S SEEDS 2868	120.0	144.4	159.9*	17.1	91.0	0.0
BECK'S 1682			159.7*	19.1	83.3	1.7
ASGROW RX789			158.7*	17.1	94.4	0.8
ADLER'S 6130	113.4	130.4	158.5	17.6	95.8	0.7
NORTHRUP KING N6330	109.2	137.1	158.1	16.7	91.7	0.0
CIBA SEEDS 4575			157.4	16.5	86.1	1.6
SO. CROSS SC-612	115.9	148.8*	157.1	17.7	86.1	3.1
SO. STATES SS656			157.1	16.0	88.2	0.0
L.G. SEEDS LG2705			157.0	17.6	92.4	0.0
BO-JAC 580			156.3	15.9	87.5	0.7
DEKALB DK668	130.4	147.0*	155.5	18.2	94.4	0.0
CAVERNDAL FM. CF 840		136.3	155.3	16.4	88.2	0.8
COLBERT 279	120.4	144.5	155.2	16.9	84.0	0.0
CARGILL 7997			154.8	16.6	95.1	1.4
BO-JAC 577		138.0	154.7	16.7	93.1	0.0
FREEDOM 5666			154.4	17.8	86.1	1.6
BO-JAC 629	134.4	143.0	154.3	17.2	92.4	0.0
AGRIGOLD XA2407			154.3	17.1	88.9	0.0
BECK'S 7101		130.6	152.1	18.1	95.8	0.7
CROW'S 668	128.3	144.5	151.7	17.4	90.3	0.0
ICI SEEDS 8285			151.5	18.6	93.7	0.7
CALLAHAN C7463			151.2	17.3	97.9	0.7
BECK'S 68	113.8	133.3	150.4	17.1	91.0	0.0
L.G. SEEDS LG2632			150.1	16.3	87.5	0.0
BO-JAC 615		136.9	150.0	17.4	84.0	0.8
ASGROW RX770		143.8	149.7	17.1	94.4	0.0
CARGILL 6997			149.7	15.9	90.3	0.0
ASGROW RX919	127.5	137.2	149.5	19.1	93.1	2.2
NORTHRUP-KING N7992		132.8	148.1	17.1	93.1	0.0
GLICK SEED GH752	128.0	142.1	147.9	17.0	91.7	0.0
CROW'S 490			147.7	17.3	89.6	2.3
FR27 X M017	110.1	139.1	147.6	16.7	88.2	0.8
VIGORO 1195			147.4	18.1	84.7	0.0
COLBERT 326	120.5	137.2	147.2	18.4	95.1	0.0
MYCOGEN 8240	127.5	138.5	147.1	16.9	92.4	0.7
ADLER'S 4995			146.6	16.7	90.3	3.0
LYNK'S SEEDS 2807		139.0	146.3	16.4	86.8	2.4
FREEDOM 5575			146.0	16.5	83.3	0.8
CALLAHAN C7461			145.4	16.2	92.4	0.8
SO. CROSS SC-714			145.1	17.0	84.0	4.1
NORTHRUP-KING N8020		142.9	144.9	17.3	89.6	1.6
ASGROW RX743			144.0	16.6	86.8	0.0
CIBA SEEDS 4545		133.5	143.4	16.9	93.1	3.0
ASGROW RX801			143.4	17.6	95.1	0.7
CALLAHAN C7466			142.7	18.6	96.5	0.0
BO-JAC 409			141.3	15.7	86.8	2.4
ASGROW RX843			140.8	18.5	86.1	1.6
SO. CROSS SC-214			140.8	18.0	74.3	0.0
GOLDEN HARVEST H-2573			140.4	16.3	94.4	0.0
TERRA SEED TR1091			140.4	16.8	88.2	0.0
DEKALB DK588			139.5	15.9	95.1	0.0

Table 7. Hybrid Corn Performance Test, Murray, KY (continued)

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
ASGROW RX893			136.3	16.6	78.5	0.8
CIBA SEEDS 4671	121.8	132.7	136.1	18.3	88.9	1.6
SO. CROSS SC-412	117.6	132.6	135.3	18.5	92.4	0.7
GOLDEN HARVEST H-2622			133.7	18.9	82.6	0.0
AGRIGOLD A-6716		131.6	133.5	17.9	92.4	0.0
COLBERT 324	122.7	140.1	128.7	18.1	87.5	0.8
SO. STATES SS676			126.3	16.5	86.8	0.8
MEDIUM YELLOW AVERAGE	123.4	140.2	151.2	17.2	89.9	0.8
LATE YELLOW HYBRIDS						
ICI SEEDS 8315	126.0	145.0	179.4*	18.4	96.5	2.2
CROW'S 702		143.8	176.9*	19.5	93.1	1.5
ZIMMERMAN Z21		152.8*	167.7*	18.2	96.5	0.7
PIONEER BRAND 3279	131.1	150.5*	165.6*	17.2	89.6	0.8
ZIMMERMAN Z29	119.6	151.5*	164.3*	18.3	91.0	0.7
ICI SEEDS 8220			164.3*	20.0	94.4	0.7
VIGORO EXP1995			163.1*	21.4	90.3	1.5
VIGORO 1204		138.6	157.7	19.1	88.9	2.3
TERRA SEED TR702E			156.1	19.8	86.8	0.8
CARGILL 9027	125.1	145.8	155.9	18.5	84.7	0.9
MYCOGEN 8460		147.2*	155.2	18.8	84.0	2.5
SO. STATES SS943	133.3	145.9	154.8	19.6	86.1	1.6
BECK'S 2002			154.6	18.3	83.3	0.0
SO. STATES SS827		152.9*	154.3	21.4	96.5	1.4
PIONEER BRAND 3223			154.3	18.3	90.3	0.0
DEKALB DK714	114.1	136.6	153.7	19.0	92.4	0.0
PFISTER 3976			153.3	18.7	92.4	0.8
MYCOGEN 9220	119.5	126.7	150.3	18.8	86.8	0.8
DEKALB DK683	123.3	139.5	149.9	17.3	89.6	0.7
AGRATECH 774			149.5	17.1	88.9	1.7
FR27 X PA91	114.7	142.1	148.9	19.8	88.9	1.6
PIONEER BRAND 3165	142.3*	148.8*	148.2	20.1	92.4	0.8
GOLDEN HARVEST H-2641			147.9	18.8	88.9	0.7
DEKALB DK706			147.7	18.7	93.7	2.4
TERRA SEED TR1185		141.6	147.0	19.1	89.6	1.5
FREEDOM 5695			146.6	18.6	87.5	0.9
NORTHROP KING N8727	116.2	134.6	143.5	19.5	91.7	0.0
SO. STATES SS793			139.0	18.4	81.2	1.8
CIBA SEEDS 4714		140.6	136.9	18.3	94.4	0.7
CAVERNDAL FM. CF 922		128.1	136.2	18.8	91.7	1.5
NORTHROP KING N7989	108.4	137.2	131.8	18.1	88.9	0.0
DEKALB DK743	136.3	136.0	126.3	20.6	81.9	0.0
CAVERNDAL FM. CF 950A		125.3	122.4	17.8	94.4	0.7
CAVERNDAL FM. CF 8905			102.0	23.7	89.6	0.0
LATE YELLOW AVERAGE	123.8	141.4	150.1	19.0	89.9	1.0
ALL YELLOW AVERAGE	123.8	140.5	151.1	17.7	90.0	0.8
WHITE HYBRIDS						
PIONEER BRAND 3203W			158.9*	18.1	97.2	0.7
PIONEER BRAND 3443W			149.9	16.3	87.5	0.0
SO. STATES SS757W	124.4	140.5	148.8	19.1	88.2	0.0
AGRIGOLD XA3302W			146.2	20.0	84.7	0.0
PIONEER BRAND 3281W	99.6	114.2	140.4	17.9	81.2	0.0
ZIMMERMAN Z62W		130.2	139.8	18.1	95.1	2.9
VINEYARD V-453W	113.2	126.0	137.6	18.0	94.4	1.5
ZIMMERMAN Z63W	101.5	134.3	137.0	20.7	92.4	0.8
ZIMMERMAN Z64W	104.0	132.4	136.0	18.7	92.4	0.8
ASGROW RX795W	112.3	133.6	135.7	20.1	87.5	0.0
CIBA SEEDS 4652W	108.6	135.9	135.6	21.3	94.4	0.8
DEKALB DK703W	103.7	124.8	134.8	19.9	86.1	0.0
VINEYARD V-472W			134.5	20.1	86.8	3.4
AGRIGOLD A-6565W	102.3	127.1	129.5	20.1	89.6	0.8
AGRIGOLD A-6796W			126.2	21.6	80.6	2.6
CAVERNDAL FM. CF 920W		134.5	123.4	22.9	88.9	2.3
VINEYARD V-448W			113.0	18.9	87.5	0.8
WHITE AVERAGE	107.7	130.3	136.9	19.5	89.1	1.0
GRAND AVERAGE	120.8	139.0	149.3	17.9	89.9	0.9
LSD (0.10)	15.7	14.4	20.8	1.2	8.4	2.0
C.V.			8.5	4.2	5.7	144.0

* 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 mean in that column.

Table 8. Hybrid Corn Performance Test, 1995, Princeton, KY

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
EARLY YELLOW HYBRIDS						
GLICK SEED GH705			141.1*	13.3	93.5	3.0
AGRATECH 709			131.5	13.4	91.2	6.5
PIONEER BRAND 3394	141.6	145.2	128.1	13.1	91.2	5.0
CIBA SEEDS 4494	142.6	152.0	124.0	13.1	94.9	6.9
FR618 X FR600	137.7	140.9	120.1	13.7	93.1	10.2
CROW'S 494		153.7	118.3	12.6	93.5	6.6
GOLDEN HARVEST H-2611		141.4	117.2	13.0	94.9	5.9
NORTHRUP-KING N7590		144.8	105.4	12.9	89.8	3.0
VIGORO 1165			97.3	12.9	93.5	4.5
EARLY YELLOW AVERAGE	140.6	146.3	120.3	13.1	92.8	5.7
MEDIUM YELLOW HYBRIDS						
AGRATECH 787	159.0*	177.1*	149.7*	13.8	88.9	1.6
LYNK'S SEEDS 2807			173.7*	14.1	89.4	6.2
DEKALB DK668	156.7*	158.6	146.4*	13.7	94.0	2.0
PIONEER BRAND 3245	142.5	149.0	145.9*	13.2	88.0	7.3
CROW'S 685			145.8*	13.0	93.1	5.9
COLBERT 326	152.4*	159.5	145.6*	13.5	92.1	4.0
CAVERNDALE FM. CF 840		158.5	145.3*	14.1	91.7	5.1
SO. STATES SS656			144.3*	12.7	91.2	2.6
NORTHRUP-KING N7992		154.8	142.7*	13.6	93.1	1.9
MYCOGEN 7660			142.1*	14.4	88.4	7.3
CROW'S 668	148.5*	159.5	141.8*	13.0	97.2	3.3
FREEDOM 5666			140.0*	13.1	92.6	3.4
NORTHRUP-KING N8020		147.1	140.0*	13.6	93.5	2.5
CALLAHAN C7466			139.8*	13.9	92.1	0.0
ADLER'S 4995			139.3*	13.8	91.7	4.9
CARGILL 7997			139.2*	13.2	88.0	2.6
ASGROW RX770		151.1	139.2*	13.1	91.2	3.0
AGRIGOLD XA2407			139.0*	13.3	92.6	2.0
ASGROW RX893			138.6*	12.5	96.8	6.2
BO-JAC 580			137.9*	14.2	88.9	5.1
ICI SEEDS 8285			137.8*	14.3	90.3	2.5
ASGROW RX919	151.9*	161.0*	137.5*	13.8	88.9	7.3
TERRA SEED TR1091			136.9*	12.7	93.1	4.3
SO. CROSS SC-612	144.1	155.0	136.6*	12.9	92.1	3.6
BO-JAC 629	144.4	152.5	135.1*	13.8	95.4	2.4
BO-JAC 577		142.0	134.9*	13.3	91.7	2.5
TERRA SEED TR1167	147.0*	147.8	134.7*	14.0	90.7	4.6
TERRA SEED TR1154			134.7*	12.3	91.2	1.5
SO. STATES SS676			134.3	13.6	93.5	7.4
L.G. SEEDS LG2705			133.7	13.5	92.6	5.8
LYNK'S SEEDS 2868	140.3	150.1	133.3	13.9	96.3	2.4
BO-JAC 615		140.2	133.3	12.6	91.2	2.4
VINEYARD FC521			133.0	13.6	91.2	5.7
VIGORO 1195			132.6	14.2	92.6	2.5
GOLDEN HARVEST H-2622			132.5	13.9	91.2	1.6
ASGROW RX789			132.0	13.5	92.1	2.5
ZIMMERMAN Z41			130.7	12.7	92.6	1.5
CARGILL 7777			130.5	12.9	89.8	4.7
FR27 X M017	141.8	154.2	129.9	12.1	88.9	2.0
BECK'S 1682			129.3	13.7	90.7	3.6
ADLER'S 6130	145.1*	151.9	129.2	12.6	96.3	1.0
BECK'S 68	140.5	143.7	128.5	13.6	93.1	7.0
COLBERT 279	145.2*	148.3	127.9	12.9	95.4	1.0
MYCOGEN 8240	135.4	148.8	127.8	13.8	90.7	1.6
DEKALB DK626			125.6	13.1	92.6	8.4
COLBERT 324	137.8	140.7	125.2	13.8	92.6	5.0
CIBA SEEDS 4545			137.0	13.1	95.8	7.2
ADLER'S 6140			142.5	12.3	94.0	6.9
NORTHRUP KING N6330	128.2	134.7	123.1	13.5	91.7	4.0
ASGROW RX801			121.1	13.1	95.4	1.0
CALLAHAN C7461			120.4	13.22	90.3	8.5
BECK'S 7101		152.0	120.1	13.0	93.5	3.9
AGRIGOLD A-6716		154.0	119.9	13.3	97.7	4.3
CROW'S 490			119.7	13.5	95.8	2.4
CALLAHAN C7463			119.6	12.6	95.4	3.8
CIBA SEEDS 4575			119.3	12.7	92.1	4.0
PIONEER BRAND 3163	122.8	132.9	119.0	13.4	92.6	4.0
SO. CROSS SC-714			118.9	14.5	93.5	3.0
CARGILL 6997			118.3	13.7	94.9	5.1
GOLDEN HARVEST H-2573			118.2	13.9	90.3	5.0
ASGROW RX743			117.3	14.2	91.2	4.7
CIBA SEEDS 4671	145.6*	153.2	115.6	13.4	96.3	5.3
CAVERNDALE FM. CF 953	123.6	129.1	115.6	13.0	88.4	4.2
GLICK SEED GH752	132.4	146.7	115.5	14.1	93.1	3.0

Table 8. Hybrid Corn Performance Test, 1995, Princeton, KY (continued)

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
PIONEER BRAND 3140	136.2	143.9	115.4	13.7	93.5	3.5
L.G. SEEDS LG2632			114.8	14.0	89.8	0.5
BO-JAC 409			114.3	13.4	85.2	5.3
SO. CROSS SC-412	121.0	128.1	113.5	13.6	93.5	6.5
FREEDOM 5575			111.7	12.3	91.7	4.0
DEKALB DK588			111.1	13.3	94.4	2.1
SO. CROSS SC-214			105.2	13.5	89.4	5.3
ASGROW RX843			99.7	13.9	91.2	3.7
MEDIUM YELLOW AVERAGE	141.0	149.4	129.5	13.4	92.2	5.0
LATE YELLOW HYBRIDS						
PFISTER 3976			156.8*	13.5	91.7	1.5
TERRA SEED TR702E			156.4*	14.5	94.0	7.4
ZIMMERMAN 229	158.7*	164.4*	154.8*	13.5	93.5	1.0
ICI SEEDS 8315	157.3*	170.3*	154.2*	13.8	97.2	8.6
CROW'S 702		154.9	145.5*	14.3	92.6	3.0
BECK'S 2002			143.5*	14.7	94.9	3.9
ICI SEEDS 8220			143.2*	14.7	91.2	3.0
DEKALB DK714	145.7*	155.2	143.0*	13.8	92.1	4.5
DEKALB DK743	155.3*	168.8*	142.6*	14.8	92.1	6.8
VIGORO 1204			152.4	14.0.2*	13.8	94.0
PIONEER BRAND 3165	146.7*	156.1	138.6*	14.5	89.4	3.1
GOLDEN HARVEST H-2641			137.6*	13.7	90.3	5.6
VIGORO EXP1995			137.5*	14.3	94.9	6.3
CARGILL 9027	145.2*	148.7	134.2	13.8	95.4	4.9
MYCOGEN 8460		153.0	134.1	13.8	89.8	3.6
TERRA SEED TR1185		150.5	133.2	14.1	93.1	9.5
CAVERNDALE FM. CF 922		154.1	132.2	14.8	92.6	7.3
DEKALB DK683	137.6	144.5	131.5	14.5	94.4	4.4
NORTHROP KING N8727	146.6*	152.8	131.1	13.8	93.1	5.4
ZIMMERMAN 721		152.3	130.2	14.0	93.5	3.9
AGRATECH 774			130.0	13.8	92.1	1.0
SO. STATES SS827		155.0	129.0	13.5	91.7	3.0
FREEDOM 5695			128.9	14.4	92.6	3.9
MYCOGEN 9220	136.2	141.3	127.8	15.1	92.1	6.9
SO. STATES SS943	145.5*	148.7	126.7	14.4	90.3	1.5
CIBA SEEDS 4714		143.5	124.4	14.1	94.9	4.4
FR27 X PA91	143.7	145.4	118.4	12.7	85.2	10.9
PIONEER BRAND 3223			117.9	13.6	94.4	3.9
DEKALB DK706			117.2	15.3	88.4	8.6
PIONEER BRAND 3279	142.9	153.5	114.3	15.2	86.1	8.1
SO. STATES SS793			111.2	14.2	93.5	3.6
NORTHROP KING N7989	126.0	134.6	106.7	13.4	96.3	4.7
CAVERNDALE FM. CF 950A		126.9	102.3	14.2	94.4	5.1
CAVERNDALE FM. CF 8905			71.1	17.2	92.1	7.2
LATE YELLOW AVERAGE	145.2	151.2	130.8	14.2	92.5	5.0
ALL YELLOW AVERAGE	142.4	149.7	129.1	13.6	92.4	4.4
WHITE HYBRIDS						
PIONEER BRAND 3203W			135.0*	13.6	88.4	6.3
CIBA SEEDS 4652W	137.5	154.3	131.4	14.9	95.8	3.5
ASGROW RX795W	142.9	148.2	127.6	14.4	91.7	3.4
DEKALB DK703W	135.3	148.2	120.4	13.1	88.4	0.0
PIONEER BRAND 3443W			126.8	12.8	94.4	6.3
ZIMMERMAN Z63W	136.4	144.4	122.6	14.3	87.0	8.8
ZIMMERMAN Z62W		143.5	127.3	13.4	92.6	5.0
AGRIGOLD XA3302W			122.0	13.7	95.8	3.8
PIONEER BRAND 3281W	134.7	142.9	125.7	13.6	90.7	6.5
AGRIGOLD A-6565W	134.9	141.3	122.0	14.3	91.2	8.3
SO. STATES SS757W	131.4	141.0	124.5	13.6	93.1	4.0
VINEYARD V-453W	133.1	139.1	121.5	13.8	96.3	1.0
CAVERNDALE FM. CF 920W		138.2	120.4	16.0	88.9	3.7
VINEYARD V-448W			105.4	14.1	96.3	6.7
VINEYARD V-472W			100.9	15.6	92.1	14.9
AGRIGOLD A-6796W			95.5	15.3	95.8	2.9
ZIMMERMAN Z64W	134.7	136.1	105.9	14.0	89.4	3.1
WHITE AVERAGE	135.7	143.4	119.7	14.2	92.2	5.2
GRAND AVERAGE	141.1	148.8	127.9	13.7	92.3	4.5
LSD (0.10)	14.2	16.5	22.3	1.1	5.1	4.4
C.V.			13.0	6.1	4.1	73.7

* 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 mean in that column.

Table 9. Hybrid Corn Performance Test, Clay, KY

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
EARLY YELLOW HYBRIDS						
VIGORO 1165			115.3	13.7	95.4	2.4
GOLDEN HARVEST H-2611		142.5	113.7	13.8	91.2	8.1
FR618 X FR600	131.8	139.6	112.4	14.3	96.3	6.2
PIONEER BRAND 3394	145.1	137.5	111.4	14.7	96.8	6.2
GLICK SEED GH705			108.2	14.9	93.5	4.0
NORTHRUP-KING N7590		129.9	107.4	14.5	91.7	6.5
CIBA SEEDS 4494	121.9	119.3	103.0	15.0	93.1	6.4
CROW'S 494		136.4	99.7	15.2	94.9	8.5
AGRATECH 709			91.1	14.9	91.7	9.4
EARLY YELLOW AVERAGE	132.9	134.2	106.9	14.5	93.8	6.4
MEDIUM YELLOW HYBRIDS						
DEKALB DK668	153.5*	143.4	135.9*	15.5	95.4	4.4
MYCOGEN 8240	136.7	144.4*	129.6*	16.9	91.7	4.6
VINEYARD FC521			127.2*	15.5	93.5	8.5
L.G. SEEDS LG2705			125.4*	17.1	92.6	3.0
COLBERT 326	152.5*	146.7*	125.1*	16.9	91.2	5.0
COLBERT 324	159.2*	156.1*	124.8*	16.7	95.8	6.7
ASGROW RX919	143.2	143.0	124.4*	16.0	93.1	8.6
ASGROW RX789			124.0*	16.2	92.6	5.5
GOLDEN HARVEST H-2622			122.6*	18.0	92.1	4.1
NORTHRUP-KING N8020		146.8*	122.0*	16.8	92.1	7.2
ASGROW RX743			121.4*	17.7	90.3	4.6
LYNK'S SEEDS 2807		151.5*	120.8*	16.2	92.6	3.5
TERRA SEED TR1154			120.5*	16.4	88.9	8.5
CIBA SEEDS 4575			119.8*	17.6	93.1	8.1
COLBERT 279	152.3*	152.3*	119.6*	15.5	96.3	9.6
DEKALB DK626			119.3*	16.6	90.3	3.0
CARGILL 7777			118.9*	15.2	91.2	6.1
ZIMMERMAN Z41			118.6*	16.7	95.8	5.8
AGRIGOLD XA2407			118.4*	15.2	94.0	5.9
CARGILL 7997			116.9*	19.0	89.4	7.4
CAVERNDAL FM. CF 840		140.3	116.5*	16.0	88.4	6.3
PIONEER BRAND 3245	142.6	136.8	115.9*	14.2	95.4	2.4
CROW'S 668	138.4	134.5	115.9*	18.2	94.4	4.4
AGRIGOLD A-6716		136.7	115.8*	17.5	86.6	4.2
CALLAHAN C7466			115.3	17.5	88.4	8.5
ADLER'S 6140		142.5	113.7	14.5	94.0	11.8
NORTHRUP-KING N7992		146.0*	113.1	17.0	97.7	6.2
TERRA SEED TR1091			113.1	16.3	92.6	4.0
CIBA SEEDS 4545		148.7*	112.6	16.3	94.4	10.2
PIONEER BRAND 3163	151.7*	147.0*	112.4	17.1	95.8	10.1
NORTHRUP KING N6330	133.0	137.1	112.4	16.4	93.5	7.7
CALLAHAN C7463			112.3	17.8	95.8	2.4
VIGORO 1195			112.3	17.2	94.9	8.3
CROW'S 685			112.2	16.2	90.3	5.7
CAVERNDAL FM. CF 953	139.7	137.6	112.1	16.6	95.8	4.4
FREEDOM 5575			111.5	16.2	91.7	2.5
PIONEER BRAND 3140	152.9*	156.7*	111.2	17.2	93.1	4.4
AGRATECH 787	143.2	139.6	111.1	15.3	94.9	7.6
DEKALB DK588			110.9	15.8	95.8	3.4
TERRA SEED TR1167	145.6	149.4*	110.1	17.3	92.6	4.6
BO-JAC 629	142.2	141.3	109.9	16.1	96.3	5.8
BECK'S 1682			109.3	16.4	91.2	4.0
ICI SEEDS 8285			109.2	16.8	94.9	6.8
SO. STATES SS656			109.2	18.0	95.8	7.7
BO-JAC 615		133.9	108.4	19.4	93.5	4.5
BO-JAC 409			108.3	17.4	96.8	5.7
SO. CROSS SC-412	132.4	127.0	107.7	17.9	89.8	5.0
MYCOGEN 7660			107.4	16.6	96.3	4.3
CALLAHAN C7461			107.0	15.6	97.2	8.1
CROW'S 490			107.0	17.9	88.4	4.2
ADLER'S 4995			106.6	18.5	88.4	7.3
SO. CROSS SC-714			106.5	17.4	92.1	4.0
FREEDOM 5666			106.2	16.6	90.7	4.6
ASGROW RX893			105.8	15.4	93.1	4.4
SO. CROSS SC-612	143.6	141.5	105.1	17.3	94.9	4.3
CARGILL 6997			105.1	15.9	92.6	7.6
ASGROW RX770		141.5	105.0	15.4	95.8	8.3
L.G. SEEDS LG2632			104.6	14.8	92.6	6.9
BO-JAC 580			104.5	16.0	92.1	2.5
LYNK'S SEEDS 2868	134.4	136.0	104.4	17.1	88.9	5.3
GLICK SEED GH752	141.8	136.9	104.1	16.5	90.7	4.1
GOLDEN HARVEST H-2573			104.1	15.6	88.9	2.0
BO-JAC 577		136.9	103.0	16.4	93.5	4.0
ASGROW RX801			100.1	16.0	88.0	4.6
SO. STATES SS676			100.0	15.9	93.1	4.5

Table 9. Hybrid Corn Performance Test, Clay, KY (continued)

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
ADLER'S 6130	132.3	132.7	98.6	16.4	93.1	3.0
FR27 X MO17	145.0	138.5	97.0	15.6	82.9	10.9
BECK'S 7101		117.0	96.9	17.0	92.1	2.9
BECK'S 68	141.1	133.8	95.1	20.7	75.0	12.6
CIBA SEEDS 4671	135.8	132.6	87.5	15.6	93.1	19.7
SO. CROSS SC-214			77.5	16.4	87.0	9.8
ASGROW RX843			75.8	16.3	94.4	8.8
MEDIUM YELLOW AVERAGE	143.2	140.8	111.0	16.6	92.4	6.1
LATE YELLOW HYBRIDS						
BECK'S 2002			134.1*	17.6	96.8	4.8
DEKALB DK714			130.0*	19.0	93.1	6.5
ICI SEEDS 8315	164.4*	159.6*	127.7*	17.6	94.9	7.4
MYCOGEN 8460			127.7*	19.6	94.0	5.4
DEKALB DK683	139.5	138.3	126.6*	18.3	93.1	9.1
TERRA SEED TR702E			123.6*	18.8	93.1	8.4
CARGILL 9027	154.6*	142.7	121.8*	17.9	91.7	7.1
TERRA SEED TR1185		148.3*	119.2*	17.8	97.7	9.0
VIGORO EXP1995			115.9*	18.8	95.8	5.8
SO. STATES SS793			115.6	18.5	90.7	10.8
DEKALB DK743	158.6*	152.4*	115.5	18.9	95.4	9.8
NORTHROP KING N7989	148.4	140.2	114.5	17.3	94.4	3.9
ZIMMERMAN Z21			141.4	18.3	91.2	3.5
SO. STATES SS827			143.7	112.0	16.8	92.1
CAVERNDALE FM. CF 922		139.6	110.4	18.2	92.1	8.7
AGRATECH 774			110.0	17.4	92.6	5.0
CARVENDALE FM. CF 950A		141.4	109.6	18.3	93.1	6.4
CIBA SEEDS 4714		142.9	109.6	18.7	92.6	8.1
PFISTER 3976			107.9	16.8	94.4	5.9
PIONEER BRAND 3165	158.8*	150.0*	104.0	18.2	93.1	9.8
ZIMMERMAN Z29	147.7	135.4	101.8	18.8	90.3	3.7
FR27 X PA91	131.3	138.6	101.7	16.4	91.2	12.0
GOLDEN HARVEST H-2641			101.2	19.3	91.7	2.7
MYCOGEN 9220	138.6	127.4	100.1	17.4	91.7	7.6
FREEDOM 5695			99.2	17.0	89.4	5.2
SO. STATES SS943	142.8	141.1	99.0	16.5	94.0	9.0
VIGORO 1204		134.0	98.5	17.9	94.4	4.4
DEKALB DK706			97.4	17.8	96.3	3.4
NORTHROP KING N8727	148.6	136.3	97.0	19.2	92.6	9.7
CROW'S 702		131.4	85.0	18.2	93.5	4.4
PIONEER BRAND 3223			81.0	18.1	88.4	5.2
PIONEER BRAND 3279	138.5	127.7	80.3	17.9	94.9	5.9
ICI SEEDS 8220			77.5	16.8	93.1	6.5
CAVERNDALE FM. CF 8905			71.5	19.7	94.9	4.3
LATE YELLOW AVERAGE	148.2	141.7	107.1	18.0	93.2	6.8
ALL YELLOW AVERAGE	144.1	140.5	109.5	16.9	92.7	6.3
WHITE HYBRIDS						
AGRIGOLD A-6565W	150.5*	147.7*	130.7*	17.8	89.8	5.6
PIONEER BRAND 3281W	141.3	139.2	112.6	16.7	93.1	6.5
PIONEER BRAND 3203W			112.4	17.8	91.2	8.1
CIBA SEEDS 4652W	147.0	135.4	111.1	17.4	90.7	3.6
SO. STATES SS757W	149.1	140.0	110.1	17.1	93.5	3.4
DEKALB DK703W	133.8	131.8	109.4	17.1	89.8	7.0
ZIMMERMAN Z62W		147.4*	107.5	15.0	93.5	5.5
AGRIGOLD XA3302W			105.9	16.0	95.8	7.7
ZIMMERMAN Z63W	145.5	131.7	105.5	18.0	90.7	5.1
CAVERNDALE FM. CF 920W		137.2	102.1	18.9	93.5	6.9
VINEYARD V-472W			99.7	18.2	91.7	4.5
ZIMMERMAN Z64W	155.9*	139.2	98.7	17.4	89.4	13.1
ASGROW RX795W	138.1	131.5	97.4	17.7	93.1	3.5
AGRIGOLD A-6796W			95.3	19.2	95.8	13.1
VINEYARD V-453W	115.7	120.0	95.1	16.4	94.0	8.8
PIONEER BRAND 3443W			89.5	17.0	91.2	7.1
VINEYARD V-448W			85.0	17.1	92.1	5.9
WHITE AVERAGE	141.9	136.5	104.0	17.3	92.3	6.8
GRAND AVERAGE	143.6	139.9	108.8	16.9	92.7	6.4
LSD (0.10)	14.0	15.5	20.2	2.4	6.9	5.9
C.V.			13.8	10.5	5.6	69.8

* 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 mean in that column.

Table 10. Hybrid Corn Performance Test, 1995, Elkton, KY

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
EARLY YELLOW HYBRIDS						
CIBA SEEDS 4494	137.3*	151.9	118.0*	13.2	95.1	1.5
GOLDEN HARVEST H-2611		153.7*	117.0*	12.5	91.0	3.8
GLICK SEED GH705			116.9*	12.8	94.4	0.0
CROW'S 494		144.3	112.1	12.5	97.9	2.8
FR618 X FR600	131.2	141.8	103.2	13.1	96.5	0.7
AGRATECH 709			102.5	13.7	95.8	2.8
NORTHROP-KING N7590		142.4	96.7	12.2	93.1	0.0
VIGORO 1165			95.1	13.9	95.8	5.0
PIONEER BRAND 3394	118.3	122.2	85.8	12.8	94.4	1.4
EARLY YELLOW AVERAGE	128.9	142.7	105.2	13.0	94.9	2.0
MEDIUM YELLOW HYBRIDS						
CROW'S 668	145.1*	168.2*	138.5*	14.2	95.8	0.7
FREEDOM 5666			128.9*	13.7	94.4	0.7
AGRATECH 787	127.1	150.5	128.8*	15.2	97.9	1.4
ASGROW RX770		147.8	128.8*	13.3	84.7	2.4
PIONEER BRAND 3245	141.0*	164.2*	126.1*	14.3	91.0	2.2
TERRA SEED TR1154			125.5*	12.8	92.4	1.6
BO-JAC 580			122.7*	13.6	96.5	3.7
ICI SEEDS 8285			121.8*	14.6	93.7	0.0
DEKALB DK626			121.1*	15.5	96.5	0.7
CIBA SEEDS 4575			120.7*	11.8	97.2	0.7
GOLDEN HARVEST H-2573			119.6*	12.5	95.8	1.4
BO-JAC 409			119.3*	13.4	97.9	2.8
BO-JAC 615		153.6*	117.1*	14.3	94.4	0.8
NORTHROP-KING N7992		145.9	116.5*	13.6	97.9	0.7
CIBA SEEDS 4545		147.8	116.1*	15.1	95.8	0.7
CALLAHAN C7463			115.3	13.7	97.9	1.4
NORTHROP KING N6330	126.6	133.8	114.8	14.2	97.2	1.4
CROW'S 490			114.4	12.4	91.0	0.0
L.G. SEEDS LG2705			113.5	13.7	93.7	0.0
ZIMMERMAN Z41			112.8	13.1	91.7	3.3
CALLAHAN C7466			112.4	14.1	97.9	1.4
ADLER'S 6140		144.4	111.4	12.9	94.4	1.5
LYNK'S SEEDS 2807		145.2	110.8	13.7	94.4	3.0
CAVERNDALE FM. CF 953	125.9	137.5	110.0	13.0	96.5	1.4
ASGROW RX789			109.3	13.9	100.0	0.0
VINEYARD FC521			109.3	13.7	95.1	0.7
CALLAHAN C7461			107.7	14.3	96.5	4.3
GOLDEN HARVEST H-2622			107.3	13.5	87.5	4.0
COLBERT 279	130.5	144.1	106.8	13.8	94.4	2.9
FR27 X M017	122.9	142.2	106.5	14.0	91.0	0.7
ASGROW RX843			105.9	13.6	97.9	0.0
SO. STATES SS656			105.8	12.4	91.7	1.5
SO. CROSS SC-612	140.5*	151.2	105.4	15.7	93.7	0.0
SO. CROSS SC-714			105.3	16.2	94.4	0.0
BO-JAC 629	138.6*	150.2	104.5	15.7	96.5	2.2
CROW'S 685			104.4	12.9	96.5	0.0
TERRA SEED TR1091			104.3	14.7	97.2	2.1
MYCOGEN 7660			104.1	16.0	92.4	0.8
L.G. SEEDS LG2632			103.8	13.2	96.5	2.2
ASGROW RX893			103.3	12.6	97.2	2.9
COLBERT 324	117.7	142.5	103.1	14.7	96.5	2.2
NORTHROP-KING N8020		146.9	103.0	14.1	97.2	0.7
FREEDOM 5575			101.7	16.1	93.1	0.0
LYNK'S SEEDS 2868	132.6*	148.0	100.5	14.7	95.1	3.0
COLBERT 326	127.1	147.5	100.1	13.4	95.8	0.7
PIONEER BRAND 3140	133.5*	147.5	100.0	15.8	96.5	2.9
AGRIGOLD XA2407			99.8	14.6	96.5	0.7
CAVERNDALE FM. CF 840		151.7	99.2	13.4	98.6	0.0
CARGILL 7777			99.1	14.8	95.8	1.5
SO. CROSS SC-412	120.1	133.2	98.8	13.2	96.5	0.7
SO. CROSS SC-214			97.9	13.4	97.9	0.7
BECK'S 68	141.5*	153.3	97.8	14.5	99.3	0.7
DEKALB DK668	125.4	143.5	97.5	15.4	92.4	0.0
TERRA SEED TR1167	129.7	138.5	96.6	16.3	89.6	0.8
PIONEER BRAND 3163	125.8	137.2	95.7	13.7	93.7	5.2
ASGROW RX801			95.7	14.5	97.2	0.7
ASGROW RX919	119.1	139.5	95.0	14.9	93.7	3.7
ASGROW RX743			93.7	13.1	95.1	1.5
CARGILL 6997			93.7	13.9	92.4	0.7
AGRIGOLD A-6716		139.7	93.4	13.8	95.8	0.0
SO. STATES SS676			93.3	13.0	98.6	2.1
BO-JAC 577		148.8	92.9	13.6	94.4	1.5
VIGORO 1195			92.2	14.0	96.5	4.3
BECK'S 7101		137.0	88.1	13.6	93.7	3.0
CARGILL 7997			87.8	14.2	97.9	0.0

Table 10. Hybrid Corn Performance Test, 1995, Elkton, KY (continued)

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
BECK'S 1682			87.8	14.1	93.1	1.5
CIBA SEEDS 4671	123.2	137.0	87.7	14.0	97.2	0.0
ADLER'S 6130	121.4	127.0	85.7	13.8	92.4	1.4
MYCOGEN 8240	123.6	138.9	82.9	15.3	93.1	0.8
GLICK SEED GH752	125.1	136.6	82.0	15.0	95.1	2.2
DEKALB DK588			78.2	13.7	96.5	0.0
ADLER'S 4995			71.9	12.1	95.1	2.2
MEDIUM YELLOW AVERAGE	128.9	144.7	104.9	14.0	95.1	1.4
LATE YELLOW HYBRIDS						
CROW'S 702		157.9*	128.5*	15.3	98.6	2.1
ZIMMERMAN Z21		143.8	124.6*	16.3	89.6	0.0
TERRA SEED TR702E			124.6*	16.9	97.2	0.0
BECK'S 2002			120.0*	14.2	93.7	0.0
SO. STATES SS827		153.9*	119.6*	13.6	91.7	0.0
AGRATECH 774			118.4*	13.9	95.1	0.0
CARGILL 9027	140.9*	159.5*	116.9*	14.5	97.2	0.7
DEKALB DK683	143.8*	158.8*	115.0	15.4	94.4	0.7
ICI SEEDS 8315	136.7*	160.3*	114.9	13.8	93.7	0.7
GOLDEN HARVEST H-2641			109.9	14.7	94.4	0.7
DEKALB DK743	127.5	148.7	108.2	17.4	88.9	5.5
CAVERNDAL FM. CF 950A		140.7	107.8	14.0	93.7	3.7
NORTHROP KING N7989	125.2	145.6	106.1	15.4	93.7	1.5
DEKALB DK706			106.0	16.1	93.7	0.0
CIBA SEEDS 4714		147.4	105.1	15.4	89.6	3.6
ZIMMERMAN Z29	141.9*	153.7*	104.6	14.1	94.4	1.5
DEKALB DK714	135.2*	149.5	104.2	16.5	96.5	0.7
CAVERNDAL FM. CF 922		143.5	102.5	15.4	97.9	0.0
MYCOGEN 8460		143.3	100.7	15.0	97.9	2.1
VIGORO EXP1995			100.7	16.3	91.0	2.3
PIONEER BRAND 3223			100.0	13.6	95.1	6.6
MYCOGEN 9220	119.6	137.4	99.1	14.9	89.6	2.5
PIONEER BRAND 3279	140.9*	154.1*	97.7	17.3	93.1	1.5
PIONEER BRAND 3165	134.4*	151.7	97.3	15.3	95.1	0.7
ICI SEEDS 8220			96.4	14.8	97.9	0.7
SO. STATES SS943	139.9*	150.1	93.4	15.1	95.8	6.0
SO. STATES SS793			92.5	14.8	93.7	0.0
FR27 X PA91	123.4	137.4	92.4	14.0	95.8	1.5
TERRA SEED TR1185		140.0	92.2	14.2	90.3	0.8
VIGORO 1204		146.0	88.8	14.2	92.4	0.8
PFISTER 3976			88.5	13.8	94.4	1.4
FREEDOM 5695			87.5	23.6	95.8	0.0
NORTHROP KING N8727	118.0	136.0	82.5	18.1	95.8	1.4
CAVERNDAL FM. CF 8905			57.2	17.4	96.5	7.2
LATE YELLOW AVERAGE	132.9	148.1	103.0	15.4	94.2	1.7
ALL YELLOW AVERAGE	130.2	145.7	104.4	14.4	94.8	1.6
WHITE HYBRIDS						
ZIMMERMAN Z64W	129.7	151.3	127.9*	15.4	96.5	3.6
CIBA SEEDS 4652W	127.2	151.7	123.3*	16.2	95.1	2.2
ASGROW RX795W	135.2*	155.5*	120.7*	13.7	95.1	0.0
ZIMMERMAN Z62W		145.9	119.0*	13.7	97.9	1.4
AGRIGOLD A-6565W	122.2	131.0	115.8	15.2	96.5	2.8
SO. STATES SS757W	112.8	136.7	114.2	13.7	93.7	0.0
CAVERNDAL FM. CF 920W		152.9	112.3	16.1	95.1	1.5
PIONEER BRAND 3203W			106.0	13.9	93.7	0.8
VINEYARD V-472W			102.9	16.9	96.5	3.7
PIONEER BRAND 3281W	117.8	137.2	96.1	14.3	93.1	3.0
DEKALB DK703W	115.6	135.4	92.1	15.5	97.2	0.0
AGRIGOLD A-6796W			90.8	15.9	97.2	0.7
VINEYARD V-448W			90.4	14.7	95.1	0.7
PIONEER BRAND 3443W			85.6	15.9	96.5	5.6
VINEYARD V-453W	128.4	132.5	84.4	14.8	93.1	0.7
ZIMMERMAN Z63W	116.4	124.4	78.5	16.7	93.1	1.4
AGRIGOLD XA3302W			78.2	14.9	89.6	4.9
WHITE AVERAGE	122.8	141.3	102.3	15.2	95.0	1.9
GRAND AVERAGE	128.8	145.1	104.1	14.5	94.9	1.6
LSD (0.10)	13.0	14.8	22.5	2.3	5.5	3.5
C.V.			13.1	1.4	3.5	13.1

* 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 mean in that column.

Table 11. Hybrid Corn Performance Test, 1995, Hodgenville, KY

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
EARLY YELLOW HYBRIDS						
FR618 X FR600	151.8	159.1	198.0*	15.7	93.5	0.0
VIGORO 1165			183.2*	13.9	93.5	0.0
GLICK SEED GH705			178.1*	15.5	88.4	0.0
CROW'S 494		148.7	165.4	14.4	94.4	0.5
AGRATECH 709			155.4	14.9	87.5	0.5
CIBA SEEDS 4494	143.8	139.5	147.3	13.6	95.4	1.4
PIONEER BRAND 3394	155.3	149.4	144.2	13.7	97.7	0.0
NORTHRUP-KING N7590		137.0	140.7	14.4	75.5	0.5
GOLDEN HARVEST H-2611		139.1	120.9	13.6	94.0	1.0
EARLY YELLOW AVERAGE	150.3	145.5	159.2	14.4	91.1	0.4
MEDIUM YELLOW HYBRIDS						
DEKALB DK588			185.8*	14.2	88.4	0.0
DEKALB DK626			181.4*	14.5	91.2	1.5
BECK'S 68	160.6	157.0	178.9*	15.2	92.6	0.0
LYNK'S SEEDS 2807		166.4	178.9*	14.8	97.7	0.0
AGRIGOLD XA2407			178.9*	15.9	88.9	1.0
FREEDOM 5575			176.8*	15.4	93.5	0.0
COLBERT 326	171.9	171.4	176.0*	16.1	85.6	0.0
PIONEER BRAND 3245	176.5*	178.3*	172.7*	14.6	88.4	0.0
CARGILL 7777			172.1*	16.7	98.1	0.5
DEKALB DK668	158.1	154.4	171.4	15.5	94.4	0.0
SO. STATES SS656			171.1	14.6	96.3	0.5
CALLAHAN C7463			170.5	15.4	98.1	0.0
ADLER'S 6130	160.9	159.1	169.6	16.1	85.2	0.0
ASGROW RX919	176.0*	165.0	169.5	15.3	94.0	0.0
CROW'S 490			167.7	16.0	92.6	1.0
COLBERT 279	157.8	151.7	166.4	15.9	92.1	0.0
NORTHRUP-KING N8020		150.3	164.6	16.4	99.1	0.0
GOLDEN HARVEST H-2573			164.3	15.5	94.4	0.5
ZIMMERMAN Z41			162.8	14.9	87.0	0.0
SO. CROSS SC-412	146.3	148.6	161.3	15.7	93.1	0.0
FR27 X MO17	152.5	149.9	160.8	13.9	94.4	0.5
AGRATECH 787	147.2	144.5	160.4	15.3	95.4	0.0
CROW'S 685			160.3	16.2	96.3	0.0
GLICK SEED GH752	153.0	151.0	160.1	15.0	88.4	1.0
PIONEER BRAND 3140	162.4	157.7	158.5	15.9	90.3	0.5
SO. CROSS SC-714			157.0	15.3	96.8	0.0
COLBERT 324	160.4	149.3	156.1	15.7	94.9	0.5
ADLER'S 4995			155.0	14.8	94.4	0.0
ASGROW RX770		146.0	154.6	15.0	94.9	0.0
TERRA SEED TR1154			154.1	15.4	93.1	0.0
CROW'S 668	151.6	146.3	152.9	15.7	87.0	0.0
VINEYARD FC521			152.6	15.2	95.4	0.0
L.G. SEEDS LG2705			152.4	15.4	93.5	0.0
CARGILL 7997			151.9	15.5	90.3	0.0
LYNK'S SEEDS 2868	158.4	144.1	151.8	16.4	76.9	0.0
BO-JAC 580			151.6	15.6	95.8	1.0
CIBA SEEDS 4545		150.9	151.4	15.0	82.4	0.0
AGRIGOLD A-6716		139.9	149.7	16.3	87.5	0.0
NORTHRUP KING N6330	145.0	136.0	148.8	15.8	95.4	0.0
PIONEER BRAND 3163	158.3	150.2	148.8	14.6	91.2	1.0
BECK'S 1682			148.7	15.7	79.2	1.2
BO-JAC 629	140.0	134.8	147.8	16.2	82.4	0.0
ASGROW RX843			147.5	15.9	96.3	1.0
CARGILL 6997			146.2	15.3	90.7	0.0
VIGORO 1195			146.1	16.1	75.0	1.4
BECK'S 7101		134.2	145.9	14.9	86.6	0.5
CAVERNDALE FM. CF 840		137.3	144.2	14.9	97.2	0.5
SO. STATES SS676			144.2	15.3	87.5	0.0
ASGROW RX789			143.8	14.5	94.9	0.5
CALLAHAN C7466			142.3	15.3	92.6	0.0
FREEDOM 5666			138.6	15.5	91.7	0.0
CIBA SEEDS 4671	153.9	146.0	138.5	15.8	94.0	0.0
SO. CROSS SC-612	139.8	135.2	138.5	15.9	81.0	0.0
ICI SEEDS 8285			138.0	15.9	94.9	0.0
GOLDEN HARVEST H-2622			137.2	15.9	89.4	0.0
CAVERNDALE FM. CF 953	140.5	128.4	136.6	14.8	93.1	0.0
MYCOGEN 8240	142.6	134.0	136.2	15.3	83.3	0.0
TERRA SEED TR1091			135.4	13.6	97.2	0.0
L.G. SEEDS LG2632			134.6	14.5	93.5	0.0
ASGROW RX801			132.7	15.8	96.8	0.0
ASGROW RX743			132.7	15.1	93.5	0.0
MYCOGEN 7660			132.6	15.4	69.9	0.0
CALLAHAN C7461			131.5	14.4	94.4	1.0
BO-JAC 409			131.4	13.4	89.4	0.0
CIBA SEEDS 4575			130.9	15.6	87.0	0.0

Table 11. Hybrid Corn Performance Test, 1995, Hodgenville, KY (continued)

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
TERRA SEED TR1167	140.2	134.4	129.1	16.5	74.1	0.0
SO. CROSS SC-214			128.6	16.6	88.0	0.0
BO-JAC 615		131.7	127.1	15.9	91.7	0.0
ADLER'S 6140		124.1	114.8	15.2	93.5	0.0
NORTHROP-KING N7992		135.3	114.4	16.3	88.9	0.0
BO-JAC 577		112.9	110.4	15.0	88.9	0.0
ASGROW RX893			106.3	14.8	63.0	0.0
MEDIUM YELLOW AVERAGE	154.5	145.8	150.6	15.4	90.3	0.2
LATE YELLOW HYBRIDS						
ICI SEEDS 8220			207.3*	17.9	87.5	0.0
DEKALB DK743	192.0*	196.8*	198.4*	16.7	94.4	0.0
SO. STATES SS943	183.9*	182.5*	191.2*	16.4	92.1	0.0
VIGORO EXP1995			179.7*	18.2	79.6	1.8
CROW'S 702		166.2	176.5*	16.9	89.4	0.0
DEKALB DK706			174.0*	17.0	87.0	1.4
ZIMMERMAN Z21		162.6	173.1*	17.2	94.0	0.0
VIGORO 1204		172.6	170.2	16.4	88.0	1.6
TERRA SEED TR1185		145.3	168.6	17.3	92.1	0.5
DEKALB DK683	166.9	160.9	168.5	15.1	92.1	0.0
ICI SEEDS 8315	165.0	158.0	164.5	16.3	88.0	2.6
ZIMMERMAN Z29	161.1	148.0	160.4	16.0	93.5	0.0
CARGILL 9027	158.8	153.7	160.0	16.4	96.8	0.0
BECK'S 2002			158.1	16.2	83.3	0.0
PIONEER BRAND 3223			153.5	16.1	93.1	0.0
DEKALB DK714	159.2	151.1	152.5	16.5	85.6	0.0
CAVERNDAL FM. CF 950A		127.0	150.3	17.0	81.5	0.0
NORTHROP KING N8727	153.4	139.1	150.1	17.0	94.9	0.0
PFISTER 3976			149.7	16.2	82.4	0.0
MYCOGEN 8460		158.2	149.6	16.5	94.4	0.0
FREEDOM 5695			147.3	15.7	80.6	0.5
PIONEER BRAND 3165	177.5*	169.7	146.5	16.1	94.9	0.0
PIONEER BRAND 3279	152.4	146.3	145.1	15.7	83.8	0.0
AGRATECH 774			141.6	16.7	96.8	0.0
SO. STATES SS793			138.7	16.7	75.0	0.0
NORTHROP KING N7989	150.5	136.3	136.8	16.1	97.2	0.0
FR27 X PA91	146.4	135.9	133.5	17.5	76.9	0.0
CAVERNDAL FM. CF 8905			130.3	18.4	96.3	0.5
SO. STATES SS827		143.3	125.3	15.9	97.2	0.0
GOLDEN HARVEST H-2641			118.5	17.1	50.0	0.0
TERRA SEED TR702E			117.8	18.0	93.1	0.0
CIBA SEEDS 4714		124.2	104.8	15.8	69.0	0.5
CAVERNDAL FM. CF 922		119.3	91.7	16.8	66.7	0.9
MYCOGEN 9220	120.6	104.6	76.0	16.6	68.5	0.0
LATE YELLOW AVERAGE	160.6	150.1	150.3	16.6	86.3	0.3
ALL YELLOW AVERAGE	156.2	147.3	151.2	15.7	89.2	0.3
WHITE HYBRIDS						
VINEYARD V-453W	155.3	154.5	166.7	15.8	92.1	0.0
PIONEER BRAND 3281W	164.2	165.3	166.2	15.6	96.3	0.0
ZIMMERMAN Z64W	177.6*	171.5	165.6	15.8	93.5	0.5
ASGROW RX795W	153.1	153.9	164.4	16.4	92.1	0.0
AGRIGOLD XA3302W			163.7	17.5	86.6	0.0
DEKALB DK703W	162.4	156.1	154.3	16.4	88.4	0.0
PIONEER BRAND 3203W			149.9	16.7	90.7	0.5
ZIMMERMAN Z63W	157.0	160.3	149.7	17.0	93.5	0.5
CIBA SEEDS 4652W	169.9	160.5	147.9	16.5	98.6	0.0
ZIMMERMAN Z62W		155.9	144.1	15.2	95.8	0.0
SO. STATES SS757W	150.2	153.6	144.0	16.2	94.9	1.9
VINEYARD V-472W			142.0	17.5	96.3	2.4
VINEYARD V-448W			139.2	16.6	84.3	0.7
AGRIGOLD A-6565W	140.6	132.0	119.5	15.9	53.7	0.0
AGRIGOLD A-6796W			115.0	17.2	67.1	0.0
PIONEER BRAND 3443W			112.9	14.5	95.4	0.5
CAVERNDAL FM. CF 920W		135.2	104.7	18.4	93.1	1.0
WHITE AVERAGE	158.9	154.5	144.1	16.4	89.0	0.5
GRAND AVERAGE	156.7	148.4	150.3	15.8	89.2	0.3
LSD (0.10)	17.7	22.3	35.2	0.1	14.0	1.0
C.V.			17.4	5.8	11.7	266.9

* 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 mean in that column.

Table 12. Hybrid Corn Performance Test, 1995, Lexington, KY

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
EARLY YELLOW HYBRIDS						
VIGORO 1165			141.3	18.8	100.0	0.0
NORTHRUP-KING N7590		134.2	140.1	18.7	94.4	0.0
AGRATECH 709			138.2	18.5	95.8	0.0
CROW'S 494		145.8	136.3	17.7	96.3	1.0
PIONEER BRAND 3394	139.7	133.8	132.2	18.4	94.4	0.5
GOLDEN HARVEST H-2611		122.3	120.0	17.7	98.6	1.4
GLICK SEED GH705			119.0	18.1	96.3	0.0
CIBA SEEDS 4494	134.6	126.6	116.3	18.3	96.3	0.0
FR618 X FR600	123.2	124.8	109.4	18.0	100.0	0.5
EARLY YELLOW AVERAGE	132.5	131.2	128.1	18.2	96.9	0.4
MEDIUM YELLOW HYBRIDS						
PIONEER BRAND 3140	165.6*	160.5*	169.3*	18.9	95.4	1.4
LYNK'S SEEDS 2868	155.6*	152.5*	166.5*	19.1	94.0	0.0
CROW'S 685			165.0*	18.8	96.3	1.9
AGRATECH 787	156.1*	156.2*	162.6*	19.5	94.9	0.5
DEKALB DK668	143.3	150.5*	160.6*	18.7	94.4	0.5
AGRIGOLD XA2407			160.1*	20.5	90.7	1.0
VIGORO 1195			158.4*	19.0	94.0	0.0
AGRIGOLD A-6716		151.1*	158.2*	18.7	93.5	0.0
CALLAHAN C7466			157.9*	17.7	98.1	1.0
COLBERT 324	142.1	144.2	151.8*	18.8	94.4	0.0
PIONEER BRAND 3163	154.3*	144.6	151.2*	19.6	95.4	1.5
SO. CROSS SC-612	135.8	133.1	149.2*	18.7	63.9	1.0
MYCOGEN 8240	149.6	148.4	148.8*	19.3	92.6	1.0
COLBERT 326	147.1	152.3*	147.3*	19.7	94.0	1.0
BO-JAC 629	152.8*	150.8*	147.3*	19.3	94.9	1.0
BO-JAC 615		154.6*	147.0*	18.9	97.7	0.5
CROW'S 668	146.5	154.0*	146.0*	18.7	97.7	1.0
VINEYARD FC521			146.0*	19.9	98.6	0.0
NORTHRUP-KING N8020		146.8	145.8*	19.4	97.7	0.0
L.G. SEEDS LG2705			145.6*	18.6	100.0	0.9
CALLAHAN C7461			145.3*	18.8	95.8	0.0
COLBERT 279	145.8	144.3	144.7*	18.8	94.9	0.0
GOLDEN HARVEST H-2622			143.5*	17.7	96.3	0.5
CAVERNDALE FM. CF 840		145.2	143.4*	18.6	95.4	1.0
SO. CROSS SC-714			143.3*	18.6	93.5	1.0
ASGROW RX743			143.2*	18.4	95.8	0.5
TERRA SEED TR1167	145.8	151.0*	142.0	18.4	98.1	0.0
BECK'S 68	133.2	131.8	141.5	17.7	95.8	0.5
L.G. SEEDS LG2632			140.6	18.0	97.2	0.5
NORTHRUP KING N6330	129.7	129.5	140.5	18.3	94.9	1.6
CARGILL 7777			140.2	18.5	96.3	0.5
SO. CROSS SC-412	143.9	143.5	140.0	19.3	90.3	0.0
ASGROW RX770		135.1	139.4	20.0	98.1	0.9
TERRA SEED TR1154			139.1	20.2	91.2	0.0
ADLER'S 6130	152.7*	147.5	138.7	18.0	94.0	0.0
MYCOGEN 7660			138.6	19.0	97.2	0.0
ASGROW RX801			138.3	18.8	98.6	0.0
ASGROW RX893			137.1	19.5	88.9	0.0
FREEDOM 5575			136.8	17.2	97.2	0.0
CROW'S 490			136.6	20.0	94.4	1.5
BO-JAC 577		139.6	136.5	19.5	95.8	1.5
PIONEER BRAND 3245	140.8	137.7	135.7	20.1	93.5	1.0
ASGROW RX919	144.7	152.7*	135.4	19.9	93.1	1.9
TERRA SEED TR1091			135.1	19.0	98.1	1.0
BECK'S 1682			134.8	17.9	94.0	0.5
CIBA SEEDS 4671	144.5	135.4	133.7	19.3	93.1	0.0
FREEDOM 5666			132.2	17.3	95.8	0.0
CAVERNDALE FM. CF 953	134.9	133.6	132.1	18.5	97.2	0.0
CARGILL 7997			131.6	19.2	95.8	0.5
CIBA SEEDS 4575			131.3	18.1	96.8	0.0
FR27 X M017	125.4	125.0	130.7	20.2	99.5	0.5
ADLER'S 6140		136.8	129.5	20.1	95.4	0.5
SO. STATES SS656			128.3	19.8	92.6	0.5
CIBA SEEDS 4545		141.4	127.3	19.1	95.8	0.5
NORTHRUP-KING N7992		148.1	126.1	20.5	99.1	3.8
ZIMMERMAN Z41			125.0	18.6	97.2	0.5
ASGROW RX789			124.9	18.3	94.9	0.0
BECK'S 7101		129.7	124.4	18.7	94.9	0.5
BO-JAC 580			123.5	18.9	93.5	0.5
ADLER'S 4995			121.6	17.9	94.9	0.0
DEKALB DK626			121.6	18.6	94.0	0.0
CARGILL 6997			121.3	19.1	95.8	1.0
ASGROW RX843			119.2	19.2	91.7	1.0
CALLAHAN C7463			117.7	18.7	98.1	0.0
GLICK SEED GH752	120.1	113.1	117.0	18.8	92.6	0.0

Table 12. Hybrid Corn Performance Test, 1995, Lexington, KY (continued)

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995	
LYNK'S SEEDS 2807		135.2	116.9	18.9	96.8	0.0	
GOLDEN HARVEST H-2573			115.6	19.3	95.4	0.0	
DEKALB DK588			110.1	20.5	93.5	0.0	
BO-JAC 409			109.1	18.9	94.4	0.5	
SO. CROSS SC-214			103.2	19.4	81.9	0.0	
SO. STATES SS676			96.2	18.6	97.2	0.0	
ICI SEEDS 8285			90.3	17.8	96.3	0.5	
MEDIUM YELLOW AVERAGE	143.9	142.8	136.6	18.9	94.7	0.5	
LATE YELLOW HYBRIDS							
SO. STATES SS943	163.8*	167.4*	169.2*	18.9	95.4	0.5	
CROW'S 702		161.8*	169.2*	19.9	94.0	1.9	
GOLDEN HARVEST H-2641			165.2*	18.9	96.8	0.0	
BECK'S 2002			161.4*	18.4	94.9	2.9	
PIONEER BRAND 3223			157.5*	19.9	94.0	3.0	
MYCOGEN 8460		158.2*	155.0*	19.1	98.1	1.0	
ICI SEEDS 8220			153.4*	20.5	98.1	1.4	
VIGORO EXP1995			151.4*	21.7	94.4	0.5	
VIGORO 1204		162.3*	150.1*	19.8	94.4	2.9	
FREEDOM 5695			149.0*	18.6	95.8	0.5	
DEKALB DK706			148.6*	19.6	98.1	0.5	
MYCOGEN 9220	148.6	142.5	148.4*	18.8	89.4	3.7	
PFISTER 3976			147.4*	20.4	93.1	0.5	
NORTHROP KING N7989	140.8	144.7	145.8*	19.6	94.0	0.0	
DEKALB DK683	153.9*	151.4*	142.2	18.8	92.6	1.0	
ZIMMERMAN Z21			137.1	142.0	17.8	96.3	0.5
TERRA SEED TR1185			150.1*	141.8	19.2	98.6	0.9
ZIMMERMAN Z29	140.6	141.3	141.4	19.1	96.8	0.5	
ICI SEEDS 8315	147.2	145.7	140.3	19.8	96.3	0.5	
DEKALB DK714	144.4	140.3	140.3	19.5	89.8	1.1	
AGRATECH 774			138.6	21.1	96.3	1.0	
PIONEER BRAND 3279	134.4	137.1	136.2	21.0	92.1	0.5	
CAVERNDAL FM. CF 950A		133.9	136.0	19.4	88.0	0.0	
CAVERNDAL FM. CF 922		149.6	135.2	18.9	93.5	1.0	
NORTHROP KING N8727	141.8	147.6	134.2	18.9	82.9	0.5	
TERRA SEED TR702E			134.0	18.7	95.4	1.4	
CARGILL 9027	146.9	147.0	133.0	19.0	95.4	1.9	
SO. STATES SS827		138.9	132.1	18.8	94.4	0.0	
CIBA SEEDS 4714		144.6	126.5	19.4	93.5	2.4	
SO. STATES SS793			126.4	19.4	81.9	1.7	
CAVERNDAL FM. CF 8905			124.9	21.4	91.2	1.0	
FR27 X PA91	143.8	137.3	122.7	19.5	94.0	1.9	
PIONEER BRAND 3165	141.6	146.2	118.7	21.0	93.1	11.3	
DEKALB DK743	143.0	137.0	113.0	21.1	94.4	2.0	
LATE YELLOW AVERAGE	145.4	146.4	142.1	19.6	93.7	1.5	
ALL YELLOW AVERAGE	143.6	143.0	137.6	19.1	94.6	0.8	
WHITE HYBRIDS							
DEKALB DK703W	151.1*	142.7	162.3*	19.4	88.0	1.0	
PIONEER BRAND 3203W			151.8*	21.4	96.3	0.5	
VINEYARD V-453W	153.0*	150.4*	148.0*	19.4	98.1	1.0	
ZIMMERMAN Z64W	141.0	141.9	140.4	20.7	89.4	0.5	
ZIMMERMAN Z62W			138.9	135.8	19.4	99.1	1.0
SO. STATES SS757W	132.7	130.3	134.8	18.8	92.6	0.0	
CIBA SEEDS 4652W	145.8	143.7	133.0	19.4	97.2	2.3	
AGRIGOLD A-6796W			132.4	19.6	90.3	0.0	
PIONEER BRAND 3281W	135.2	132.4	124.4	19.3	96.3	0.0	
ASGROW RX795W	137.2	133.0	123.2	19.3	94.4	0.0	
CAVERNDAL FM. CF 920W		132.6	121.4	18.9	92.1	1.0	
AGRIGOLD XA3302W			118.4	21.4	97.2	0.5	
AGRIGOLD A-6565W	132.7	125.3	117.1	20.6	95.8	0.0	
ZIMMERMAN Z63W	125.7	118.6	108.7	21.3	91.7	5.4	
PIONEER BRAND 3443W			105.0	19.6	95.4	3.9	
VINEYARD V-448W			100.0	21.3	94.4	1.4	
VINEYARD V-472W			100.0	19.9	96.8	24.1	
WHITE AVERAGE	139.4	135.5	126.9	20.0	94.4	2.5	
GRAND AVERAGE	142.8	141.9	136.2	19.2	94.6	1.0	
LSD (0.10)	15.2	17.3	26.3	2.2	7.2	4.3	
C.V.			14.4	8.7	5.7	311.0	

* 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 mean in that column.

Table 13. Hybrid Corn Performance Test, 1995, Quicksand, KY

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
EARLY YELLOW HYBRIDS						
PIONEER BRAND 3394	154.6	160.4	135.7	16.6	93.5	0.0
NORTHROP-KING N7590		147.1	128.7	16.5	94.0	0.5
GOLDEN HARVEST H-2611		142.0	124.8	18.2	95.8	0.0
CROW'S 494		143.9	118.3	16.7	92.6	1.0
GLICK SEED GH705			115.0	16.1	95.4	0.0
CIBA SEEDS 4494	130.5	133.0	114.5	15.6	97.7	0.0
VIGORO 1165			114.2	16.4	95.4	0.5
AGRATECH 709			113.5	15.4	96.8	0.0
FR618 X FR600	137.5	133.9	111.1	16.6	94.0	0.0
EARLY YELLOW AVERAGE	140.9	143.4	119.5	16.4	95.0	0.2
MEDIUM YELLOW HYBRIDS						
FR27 X M017	150.2	151.9	138.5	16.5	97.2	1.9
PIONEER BRAND 3140	157.1	154.3	135.3	17.4	93.1	0.0
LYNK'S SEEDS 2807		158.1	134.3	16.2	96.8	0.0
AGRIGOLD XA2407			133.6	17.6	94.4	0.0
PIONEER BRAND 3163	152.3	146.2	132.1	17.3	94.0	7.2
AGRIGOLD A-6716		149.6	132.1	17.1	95.8	0.0
PIONEER BRAND 3245	149.6	146.2	130.4	17.3	95.8	0.0
COLBERT 326	151.3	150.6	129.7	17.9	97.2	2.8
FREEDOM 5666			128.7	16.9	98.1	0.0
CROW'S 668	143.9	140.7	128.5	17.7	92.1	1.0
SO. CROSS SC-714			128.3	15.8	96.8	0.0
L.G. SEEDS LG2632			127.7	17.4	94.0	0.0
VIGORO 1195			127.6	17.2	97.2	1.9
AGRATECH 787	147.5	148.3	127.5	16.4	98.6	0.0
MYCOGEN 8240	145.2	137.8	127.5	17.1	95.8	0.0
CIBA SEEDS 4575			124.3	16.9	93.1	0.0
BECK'S 7101		142.0	124.2	17.6	95.8	0.0
ZIMMERMAN Z41			123.6	15.8	94.4	0.5
ADLER'S 6140		143.9	123.3	15.8	98.1	0.0
NORTHROP-KING N7992		141.2	123.1	17.6	90.7	0.5
ASGROW RX789			122.5	16.7	94.0	3.2
BO-JAC 580			122.4	16.7	96.3	1.9
COLBERT 324	148.5	146.9	121.8	17.9	94.9	0.5
CIBA SEEDS 4671	154.2	152.4	121.5	17.8	97.7	0.0
SO. STATES SS676			120.7	16.6	96.3	0.5
BO-JAC 577		144.9	120.5	15.9	93.5	0.0
BECK'S 1682			120.5	17.5	96.8	0.0
ASGROW RX919	153.7	147.2	120.3	18.2	96.8	0.0
ASGROW RX770		146.8	119.6	17.8	95.4	0.0
TERRA SEED TR1091			118.5	16.4	95.4	1.9
TERRA SEED TR1167	144.0	133.1	118.3	17.7	94.9	1.5
SO. STATES SS656			116.9	16.2	98.6	2.8
BO-JAC 615		131.4	115.4	17.4	94.0	0.0
DEKALB DK668	141.1	127.4	114.1	16.7	89.4	0.0
CAVERNDAL FM. CF 840		133.1	114.0	17.6	95.8	0.0
LYNK'S SEEDS 2868	145.1	139.9	112.2	17.2	91.7	0.0
CIBA SEEDS 4545		146.6	111.6	16.1	98.6	0.0
CROW'S 490			111.0	17.1	93.5	0.5
NORTHROP-KING N8020		139.9	110.7	17.7	96.3	0.0
CALLAHAN C7461			110.5	16.6	96.8	0.0
L.G. SEEDS LG2705			110.2	16.4	90.7	0.5
ASGROW RX843			109.7	18.0	95.4	0.0
BECK'S 68	141.1	139.4	108.4	17.7	90.7	0.0
MYCOGEN 7660			107.7	17.7	94.4	0.0
VINEYARD FC521			107.7	16.5	94.4	0.0
DEKALB DK626			107.6	15.3	93.1	0.5
CROW'S 685			106.8	17.4	96.3	0.0
SO. CROSS SC-214			106.4	17.9	94.9	0.0
BO-JAC 409			106.2	15.8	97.7	0.9
SO. CROSS SC-612	141.4	137.5	106.1	18.5	95.4	0.0
BO-JAC 629	154.8	138.1	105.0	18.3	94.0	0.0
CALLAHAN C7466			105.0	18.2	95.8	1.0
ADLER'S 6130	143.0	132.7	104.8	16.0	94.0	1.5
GLICK SEED GH752	143.1	137.9	104.2	17.0	96.3	0.0
ADLER'S 4995			104.1	16.3	95.4	2.9
ASGROW RX893			102.3	17.7	91.7	0.0
CARGILL 7777			101.9	16.5	93.1	0.5
CALLAHAN C7463			101.7	17.3	94.0	0.0
ASGROW RX801			100.8	16.5	95.4	0.0
CAVERNDAL FM. CF 953	140.5	136.0	100.5	16.8	96.3	0.9
COLBERT 279	137.3	132.2	99.7	17.0	96.3	0.0
FREEDOM 5575			99.4	16.4	92.6	0.0
GOLDEN HARVEST H-2573			99.3	17.4	96.8	0.0
NORTHROP KING N6330	125.5	122.0	92.2	16.1	97.2	0.5
GOLDEN HARVEST H-2622			92.0	17.0	96.3	0.5

Table 13. Hybrid Corn Performance Test, 1995, Quicksand, KY (continued)

BRAND/HYBRID	YIELD BU/AC 93-95	YIELD BU/AC 94-95	YIELD BU/AC 1995	AVG % MOIST 1995	AVG % STAND 1995	TOT % LODGED 1995
CARGILL 6997			91.1	15.4	96.3	0.0
TERRA SEED TR1154			91.1	16.3	94.9	0.0
CARGILL 7997			89.7	17.9	96.3	0.0
ASGROW RX743			88.5	17.0	96.8	0.0
SO. CROSS SC-412	133.4	122.5	87.5	17.7	93.5	0.0
ICI SEEDS 8285			83.2	16.4	96.3	0.0
DEKALB DK588			76.2	16.0	95.4	2.5
MEDIUM YELLOW AVERAGE	145.4	141.1	112.8	17.0	95.2	0.6
LATE YELLOW HYBRIDS						
SO. STATES SS943	184.0*	196.4*	183.6*	18.2	94.9	0.0
PFISTER 3976			162.8*	18.6	96.8	0.0
CROW'S 702		180.2*	158.7*	17.3	96.8	0.0
VIGORO EXP1995			155.8*	19.6	95.8	0.0
ZIMMERMAN Z21		149.9	145.3	17.8	92.6	0.0
DEKALB DK706			144.7	18.0	95.4	0.5
DEKALB DK743	174.3*	166.9	143.8	19.1	96.3	0.5
TERRA SEED TR702E			143.5	19.0	95.8	0.0
DEKALB DK714	157.4	161.9	137.8	17.4	93.5	0.5
ICI SEEDS 8220			134.0	18.2	94.4	0.0
FR27 X PA91	151.4	145.2	133.9	17.9	94.9	1.5
DEKALB DK683	157.8	144.9	132.8	18.1	94.9	0.0
SO. STATES SS793			130.9	17.3	95.8	0.0
TERRA SEED TR1185		148.3	129.2	18.3	95.4	0.5
FREEDOM 5695			128.7	16.7	96.8	1.5
MYCOGEN 9220	134.4	128.5	127.7	17.6	99.5	2.8
BECK'S 2002			126.8	18.3	97.2	1.4
AGRATECH 774			126.7	17.9	96.8	0.0
ZIMMERMAN Z29	152.9	138.5	125.8	17.2	95.8	0.5
CAVERNDALE FM. CF 950A		143.8	124.7	18.5	94.4	0.0
MYCOGEN 8460		152.7	122.0	18.0	95.8	4.2
CAVERNDALE FM. CF 922		145.6	121.1	18.1	92.1	2.4
CIBA SEEDS 4714		154.8	120.4	18.0	98.6	0.5
SO. STATES SS827		151.7	118.5	18.3	96.8	1.9
GOLDEN HARVEST H-2641			118.0	17.8	91.7	0.0
PIONEER BRAND 3223			114.9	17.3	97.2	0.5
PIONEER BRAND 3165	146.4	137.4	112.6	18.7	89.8	0.0
CARGILL 9027	148.2	143.2	112.3	17.0	97.2	0.0
PIONEER BRAND 3279	150.4	146.9	110.9	16.3	95.8	0.0
ICI SEEDS 8315	137.5	128.3	108.6	17.1	95.4	1.4
NORTHRUP KING N8727	147.0	133.9	100.6	19.9	97.2	0.0
VIGORO 1204		130.7	100.0	19.4	96.3	0.0
NORTHRUP KING N7989	125.7	117.8	92.4	17.4	96.8	0.0
CAVERNDALE FM. CF 8905			84.8	20.5	97.7	0.0
LATE YELLOW AVERAGE	151.3	147.6	127.5	18.1	95.6	0.6
ALL YELLOW AVERAGE	147.0	143.7	117.7	17.3	95.3	0.6
WHITE HYBRIDS						
PIONEER BRAND 3203W			136.1	17.5	94.0	0.0
VINEYARD V-472W			135.2	17.7	96.8	4.3
ZIMMERMAN Z63W	165.5	163.5	132.0	18.1	95.8	0.5
AGRIGOLD A-6565W	151.9	140.2	131.3	18.6	95.4	0.0
ZIMMERMAN Z62W		156.6	128.4	15.8	95.8	0.0
CIBA SEEDS 4652W	153.8	151.6	124.6	17.0	92.6	0.5
ZIMMERMAN Z64W	159.5	155.4	124.4	17.8	98.6	0.0
DEKALB DK703W	144.1	136.9	118.8	18.7	97.2	0.5
PIONEER BRAND 3443W			114.0	17.2	97.7	0.0
CAVERNDALE FM. CF 920W		139.4	112.0	18.9	90.7	5.2
PIONEER BRAND 3281W	132.3	123.5	108.7	18.6	99.1	1.4
ASGROW RX795W	139.0	127.2	99.6	17.1	97.7	3.8
SO. STATES SS757W	134.1	129.7	94.5	18.6	94.0	0.0
AGRIGOLD XA3302W			90.6	19.0	92.1	0.0
VINEYARD V-453W	123.7	105.7	89.3	17.9	96.8	0.0
VINEYARD V-448W			85.0	18.0	94.0	0.0
AGRIGOLD A-6796W			76.6	19.0	94.0	1.1
WHITE AVERAGE	144.9	139.1	111.8	18.0	95.4	1.0
GRAND AVERAGE	146.6	143.0	116.9	17.4	95.3	0.6
LSD (0.10)	17.6	23.8	30.4	1.4	4.6	2.6
C.V.			19.4	5.9	3.6	318.1

* 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 mean in that column.

Table 14. Gray Leaf Spot Ratings of Hybrid Corn Performance Test Entries, Stanford, KY

BRAND/HYBRID	GLS 8/21	GLS 9/5
EARLY YELLOW HYBRIDS		
AGRATECH 709	12.7	65.3
CIBA SEEDS 4494	7.2	50.2
CROW'S 494	10.2	70.6
FR618 X FR600	5.8	58.9
GLICK SEED GH705	13.6	73.4
GOLDEN HARVEST H-2611	7.0	41.0
NORTHRUP-KING N7590	13.4	72.4
PIONEER BRAND 3394	15.8	67.9
VIGORO 1165	5.1	40.2
EARLY HYBRID MEAN	10.1	60.0
MEDIUM YELLOW HYBRIDS		
ADLER'S 4995	15.0	69.4
ADLER'S 6130	16.9	47.2
ADLER'S 6140	5.3	46.6
AGRATECH 787	6.9	47.4
AGRIGOLD A-6716	4.9	17.0
AGRIGOLD XA2407	6.5	31.9
ASGROW RX743	7.0	35.9
ASGROW RX770	5.0	26.7
ASGROW RX789	7.4	48.9
ASGROW RX801	3.4	31.5
ASGROW RX843	7.0	29.8
ASGROW RX893	9.9	35.5
ASGROW RX919	3.9	32.3
BECK'S 1682	4.2	25.8
BECK'S 68	8.3	53.7
BECK'S 7101	8.3	34.7
BO-JAC 409	8.2	55.2
BO-JAC 577	8.2	48.9
BO-JAC 580	8.7	63.1
BO-JAC 615	5.4	24.0
BO-JAC 629	6.1	25.3
CALLAHAN C7461	8.8	39.0
CALLAHAN C7463	3.0	33.7
CALLAHAN C7466	6.2	22.5
CARGILL 6997	3.0	33.2
CARGILL 7777	10.3	55.7
CARGILL 7997	21.1	71.8
CAVERNDALE FM. CF 840	5.5	41.7
CAVERNDALE FM. CF 953	9.0	47.6
CIBA SEEDS 4545	8.4	40.3
CIBA SEEDS 4575	4.9	18.8
CIBA SEEDS 4671	3.2	31.1
COLBERT 279	3.0	23.4
COLBERT 324	6.1	28.4
COLBERT 326	4.0	22.5
CROW'S 490	8.5	73.0
CROW'S 668	3.7	35.1
CROW'S 685	7.8	36.4
DEKALB DK588	15.5	79.8
DEKALB DK626	4.1	27.8
DEKALB DK668	5.1	26.5
FR27 X MO17	10.1	66.5
FREEDOM 5575	7.1	33.6
FREEDOM 5666	4.6	29.0
GLICK SEED GH752	12.9	58.5
GOLDEN HARVEST H-2573	10.2	42.5
GOLDEN HARVEST H-2622	4.3	27.4
ICI SEEDS 8285	4.3	30.3
L.G. SEEDS LG2632	5.6	28.8
L.G. SEEDS LG2705	3.7	30.3
LYNK'S SEEDS 2807	7.9	48.0
LYNK'S SEEDS 2868	3.3	29.3
MYCOGEN 7660	5.1	26.5
MYCOGEN 8240	4.9	32.2
NORTHRUP KING N6330	8.3	49.7
NORTHRUP-KING N7992	6.9	44.8
NORTHRUP-KING N8020	6.9	23.5
PIONEER BRAND 3140	6.7	43.0
PIONEER BRAND 3163	13.6	49.5
PIONEER BRAND 3245	9.0	39.6
SO. CROSS SC-214	4.9	43.0
SO. CROSS SC-412	4.6	17.1
SO. CROSS SC-612	7.2	36.2

Table 14. Gray Leaf Spot Ratings of Hybrid Corn Performance Test Entries, Stanford, KY (continued)

BRAND/HYBRID	GLS 8/21	GLS 9/5
SO. CROSS SC-714	3.8	32.5
SO. STATES SS656	9.2	43.8
SO. STATES SS676	7.3	44.4
TERRA SEED TR1091	6.4	27.9
TERRA SEED TR1154	5.9	41.7
TERRA SEED TR1167	3.5	33.8
VIGORO 1195	4.4	23.0
VINEYARD FC521	9.1	42.2
ZIMMERMAN Z41	9.5	56.0
MEDIUM HYBRID AVERAGE	7.1	38.8
LATE YELLOW HYBRIDS		
AGRATECH 774	3.7	26.0
BECK'S 2002	4.3	22.1
CARGILL 9027	5.7	30.3
CAVERNDALE FM. CF 950A	4.1	27.8
CAVERNDALE FM. CF 8905	3.7	22.0
CAVERNDALE FM. CF 922	4.4	21.9
CIBA SEEDS 4714	0.2	2.9
CROW'S 702	2.8	21.4
DEKALB DK683	2.0	12.1
DEKALB DK706	2.8	21.3
DEKALB DK714	1.7	25.1
DEKALB DK743	6.6	22.2
FR27 X PA91	8.5	51.1
FREEDOM 5695	3.4	20.6
GOLDEN HARVEST H-2641	6.2	28.9
ICI SEEDS 8220	4.6	23.3
ICI SEEDS 8315	3.8	27.2
MYCOGEN 8460	5.3	19.0
MYCOGEN 9220	8.6	26.3
NORTHRUP KING N7989	4.1	20.3
NORTHRUP KING N8727	10.0	43.4
PFISTER 3976	7.0	49.2
PIONEER BRAND 3165	3.6	23.4
PIONEER BRAND 3223	10.6	49.0
PIONEER BRAND 3279	12.0	40.6
SO. STATES SS793	7.8	41.6
SO. STATES SS827	3.9	28.4
SO. STATES SS943	3.4	33.1
TERRA SEED TR1185	4.2	16.0
TERRA SEED TR702E	2.9	18.0
VIGORO 1204	8.4	41.9
VIGORO EXP1995	3.9	22.9
ZIMMERMAN Z21	5.3	30.1
ZIMMERMAN Z29	4.8	43.1
LATE YELLOW AVERAGE	5.1	28.0
ALL YELLOW AVERAGE	6.7	37.3
WHITE HYBRIDS		
AGRIGOLD A-6565W	8.5	44.1
AGRIGOLD A-6796W	6.9	17.1
AGRIGOLD XA3302W	9.2	31.0
ASGROW RX795W	3.0	37.7
CAVERNDALE FM. CF 920W	3.4	22.0
CIBA SEEDS 4652W	1.0	13.0
DEKALB DK703W	4.0	27.7
PIONEER BRAND 3203W	3.3	16.8
PIONEER BRAND 3281W	6.4	25.2
PIONEER BRAND 3443W	5.1	23.5
SO. STATES SS757W	5.2	46.9
VINEYARD V-448W	2.9	20.6
VINEYARD V-453W	3.7	45.0
VINEYARD V-472W	0.4	7.2
ZIMMERMAN Z62W	3.9	17.1
ZIMMERMAN Z63W	0.5	7.6
ZIMMERMAN Z64W	1.9	17.2
WHITE HYBRID AVERAGE	4.1	24.7
GRAND AVERAGE	6.4	40.9
LSD (0.10)	3.8	13.9
C.V.	44.4	29.0



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