



# KENTUCKY HYBRID CORN PERFORMANCE TEST - 1985

C. G. PONELEIT and K. O. EVANS  
PROGRESS REPORT 294

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# 1985 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 1985 data are presented for the tests at each 1985 location considered to have reliable data. Data from several test locations are not available for this report. The Henderson test was abandoned because of heavy johnsongrass infestations and late season rain. The Princeton and Clinton tests were not harvested due to excessive rainfall and wet soils that did not permit timely harvests. Late season lodging caused these two tests to be unusable.

Two- and three-year averages for yield are included in each of the single location tables when available. Readers are encouraged to consider these multiple year averages and the averages over locations (Tables 9, 10, and 11) since these are better estimates of a hybrid's yield ability than data

gathered at one location in one year. The two- and three-year summary tables (Tables 10 and 11) contain data only from those locations where appropriate data are available for 1983, 1984, or 1985.

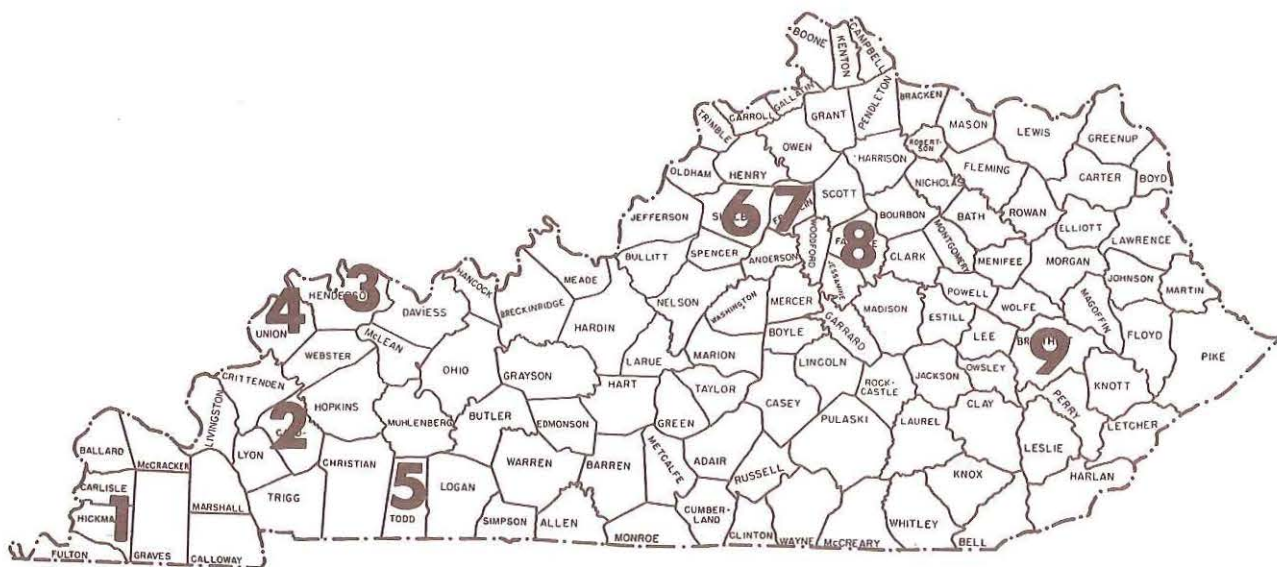
Comparisons between yields or other characters of any two or more hybrids should be made only with data from one table at a time. The testing procedures do not provide a suitable comparison between a hybrid grown at one location with another grown at a different location.

## TESTING PROCEDURE

### Selection of Hybrids

The hybrids chosen for testing are those most likely to be available for sale in 1986. Seed of each commercial hybrid (Table 2) was obtained from the sponsoring company.

Those hybrids grown in the corn virus tests are indicated 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.



**Locations of the 1985 Kentucky Hybrid Corn Performance Test**

## Location of Tests

The map on page 4 shows the locations for each test. The non-virus test sites were selected to represent different agroclimatic areas of the state where corn is a major commodity. The Henderson and Frankfort sites are specifically for the presence of corn virus in diverse areas of the state and may represent differences in virus populations.

## Cultural Practices

The seedbed at each location except Shelbyville was prepared by conventional tillage methods. Fertilizer was applied as indicated by soil tests. The test at Shelbyville was planted in a wheat/soybean stubble using recommended no-tillage practices. All test areas were treated with herbicide and supplemented by post-emergence cultivation when necessary. Except for the virus tests, Furadan was applied in the row at planting. Table 3 shows the specific cultural treatment for each location. The virus tests received Dyfonate as a surface applied insecticide at planting.

## Experimental Design

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, and a 7 x 7 lattice was used at the virus locations.

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) quoted 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 yielding ability. "N.S." in the tables indicates that no statistically significant differences were determined. The LSD is calculated for an  $\alpha$  level of 0.10.

## 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 normal population, conventional tillage test was planted at the rate of 23,600 kernels per acre. The normal population, no-till test was planted at 25,000 kernels per acre. Final stands were expected to be between 19,000 and 20,000 plants per acre if average stand losses occurred.

## Harvesting

All plots were harvested with a modified two-row self-propelled corn combine. Both rows of each two-row plot were picked and shelled, and the grain collected in a metal container. The grain weight and moisture content of each plot were then measured with a portable scale and moisture meter. Yields were calculated and adjusted to No. 2 corn at 15.5% moisture. Dropped ears were not gleaned from the plots. The total number of plants and lodged plants were recorded immediately prior to the harvest.

## Corn Virus

Two corn virus diseases occur in Kentucky: maize dwarf mosaic virus (MDM) and maize chlorotic virus (MCD). Both overwinter in johnsongrass and are usually present as a virus complex. Two locations (Frankfort and Henderson) were planted with 49 hybrids to evaluate resistance to the virus complex. The Henderson test was not harvested due to late season rain, heavy johnsongrass infestation, and in spite of the presence of johnsongrass, very little virus disease in the corn plants. At Frankfort, virus symptoms on corn plants were also negligible. Virus ratings were not taken but yield data were collected and are presented in Table 12.

## **NOTES ABOUT THE GROWING SEASON**

### **GENERAL COMMENTS**

The 1985 growing season was an improvement over the 1984 season but was far from perfect. Planting proceeded normally and most locations had normal mid-season weather. Although harvest began in early October, not all tests could be harvested before the end of 1985. Specific observations and decisions about each test location are presented below.

### **CLINTON (Hickman County)**

The Clinton test was planted on May 20. Due to heavy rainfall after seedbed preparation but before the test was planted, grass control was poor. Disease and insect problems were minimal. The wet fall prevented harvest of the test.

### **PRINCETON (K.A.E.S.)**

The Princeton test was planted on May 16. Weed control was fair. Some late season grasses and johnsongrass were present. Excessive rainfall late in the harvest season prevented harvest of the test.

### **ELKTON (Todd County)**

The Elkton test was planted on May 9. Fall panicum provided some late season competition. The test had good early season growth with most hybrids shedding pollen during the second week in July. Drought during July caused reduction of yields. Disease and insect problems were minimal.

### **SHELBYVILLE (Shelby County)**

The Shelbyville test was planted no-till on April 19 in wheat/soybean stubble. Weed control was good. Twenty-four plots received various degrees of damage from the wheels of a tractor and sprayer when plants were above knee-high. This damage may be reflected in yield reductions for those plots. Hybrids with an asterisk (\*) preceding their name had at least one of their three plots damaged during the spray operation. Disease and insect problems were minimal.

### **MORGANFIELD (Union County)**

The Morganfield test was planted April 25. Weed control was fair. Excessive rainfall early in the season reduced some stands and caused some loss of nitrogen and herbicides. A large percentage of hybrids were shedding pollen during the second week of July. There were no apparent insect or disease problems.

### **LEXINGTON (Fayette County)**

The Lexington test was planted on May 7. Weed control was fair, although climbing vines and fall panicum provided some competition. Limited rainfall during the season may have reduced yields. Root worm damage occurred on some plots. Other disease and insect problems were minimal.

### **QUICKSAND (K.A.E.S.)**

The Quicksand test was planted on May 6. Weed control was good. Some johnsongrass in the test had Maize Dwarf Mosaic Virus symptoms but very few symptoms were observed on the corn plants. Gray Leaf Spot was observed but did not appear to cause serious damage. Visual ratings of Gray Leaf Spot damage were made and a summary of the data can be obtained by contacting Dr. R. E. Stuckey, Department of Plant Pathology, University of KY, Lexington, KY 40546-0091. Insect problems were minimal.

### **HENDERSON (Henderson County)**

The Henderson test was planted on May 21. Weed control was good except for johnsongrass. Although herbicides were applied to control the johnsongrass, a check of the plot on July 12 showed abundant johnsongrass in the plot area. Late season rainfall prevented timely harvest. The test was abandoned because of excessive johnsongrass and late season rainfall.

### **FRANKFORT (Franklin County)**

The Frankfort test was planted on May 14. Weed control was good, except for johnsongrass. Maize Dwarf Mosaic Virus was present on the johnsongrass plants. There was very little infection of the corn. Virus ratings for the corn hybrids were not made but the test was harvested for yield.

TABLE 1.—PRECIPITATION AT TEST LOCATIONS, 1985

Month	Days	Location								
		Princeton	Clinton	Morganfield	Henderson	Todd	Shelbyville	Lexington	Quicksand	Frankfort
May	1-8	1.81	--	0.60 <sup>1/</sup>	1.58	--	0.90 <sup>2/3/</sup>	0.83*	1.13*	
	9-16	0.19*	--	1.90	0.44	0.94*	1.55	1.67	1.20	*
	17-24	2.69	4.20*	0.70	2.16*	1.26	1.40	1.22	2.72	
	25-31	<u>0.35</u>	<u>0.00</u>	<u>0.60</u>	<u>0.00</u>	--	<u>0.00</u>	<u>0.65</u>	<u>0.16</u>	
	Total	5.04	4.20	3.80	4.18	2.20	3.85	4.37	5.21	
June	1-8	2.53	1.50	2.00	2.28	2.50	1.05	1.55	1.79	
	9-16	0.95	2.20	2.50	4.29	0.70	2.24	2.11	2.12	
	17-24	0.90	0.90	0.60	0.66	0.20	0.40	0.61	0.39	
	25-31	<u>4.52</u>	<u>1.10</u>	<u>0.00</u>	<u>2.07</u>	--	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
	Total	8.90	5.70	5.10	9.31	3.40	3.69	4.27	4.30	
July	1-8	4.54	2.80	1.50	0.10	4.50	3.20	2.06	1.50	
	9-16	0.01	0.00	0.00	0.03	--	0.30	0.21	2.48	
	17-24	0.68	0.00	0.50	0.32	--	1.80	1.12	1.91	
	25-31	<u>0.20</u>	<u>0.80</u>	<u>2.00</u>	<u>0.24</u>	<u>0.87</u>	<u>4.45</u>	<u>0.77</u>	<u>4.70</u>	
	Total	5.43	3.60	4.00	0.69	5.37	9.75	4.16	10.59	
August	1-8	2.14	1.80	0.00	0.86	2.00	0.05	0.83	3.25	
	9-16	2.03	2.40	1.00	1.35	2.00	2.40	1.48	0.80	
	17-24	3.30	2.00	0.70	1.47	1.40	0.00	0.92	0.79	
	25-31	<u>0.50</u>	<u>0.00</u>	<u>1.00</u>	<u>0.27</u>	<u>0.04</u>	<u>1.50</u>	<u>0.55</u>	<u>1.99</u>	
	Total	7.97	6.20	2.70	3.95	5.44	3.95	3.78	6.83	
September	1-8	1.75	--	--	1.28	1.60	0.00	0.35	0.00	
	9-16	0.00	--	--	0.00	0.18	0.00	0.00	0.10	
	17-24	0.96	--	--	0.86	1.34	0.65	0.20	0.20	
	25-31	<u>1.18</u>	--	--	<u>0.77</u>	<u>2.68</u>	<u>1.25</u>	<u>1.00</u>	<u>0.50</u>	
	Total	3.89	2.49	4.50	2.91	5.80	1.90	1.55	0.80	
October	1-8	0.06	--	0.01	0.00	0.43	0.00	0.78**	1.79	
	9-16	0.89	--	0.93	0.95	0.16**	0.70**	1.76	0.96	
	17-24	3.15	--	1.99**	1.99	1.74	1.65	1.61	2.13	
	25-31	<u>2.14</u>	--	<u>2.46</u>	<u>2.46</u>	<u>1.12</u>	<u>0.53</u>	<u>0.41</u>	<u>0.02**</u>	
	Total	6.24	6.23	5.39	5.40	3.55	2.88	4.56	4.90	
Grand Total		37.47	28.42	25.49	26.44	25.76	26.02	22.69	32.63	

NO DATA AVAILABLE

\*\*Nov. 8

\* = Date planted, \*\* = Date harvested <sup>1/</sup> Planted 4/25, <sup>2/</sup> Planted 4/19, <sup>3/</sup> 0.70 Rainfall April

**TABLE 2.—HYBRIDS TESTED IN 1985**

	Hybrid	Test*	Color	Cross**	Source
Adler's	70X	B	Yellow	2X	Adler's Seed Inc. Route 1 Sharpesville, IN 46068
	88X	A	Yellow	2X	
	7905	A	Yellow	2X	
	6100	A	Yellow	2X	
AgraTech	GK850	A	Yellow	2X(Mod)	AgraTech Seed Research P.O. Box 644 Atlanta, GA 31714
	GK925	A	Yellow	2X	
	GK900	A	Yellow	2X	
	GK875	B	Yellow	2X(Mod)	
AgriGold	A-6865	A	Yellow	2X	Akin Seed Company Route 1 St. Francesville, IN 62460
	A-6910	A	Yellow	2X	
	XA-830	B	Yellow	2X	
	A-6795W	A	White	2X	
	XA-944W	A	White	2X	
AgriPro	HP510	A	Yellow	2X	NAPB 5201 Johnson Drive P.O. Box 2955 Mission, KS 66201
	HP555	A	Yellow	2X	
	HP771	A	Yellow	2X	
	HP655	A	Yellow	2X	
Asgrow/O's Gold	RX788	A	Yellow	2X	Asgrow/O's Gold Seed Company Kalamazoo, MI 49001
	RX777	A	Yellow	2X	
	RX892	A	Yellow	2X	
	2570	A	Yellow	2X	
	5255	B	Yellow	2X(Mod)	
Beck's	85XA	A	Yellow	2X	Beck's Superior Hybrids Route 2, Box 142 Atlanta, IN 46031
	90X	A	Yellow	2X	
	85 MDM	B	Yellow	2X	
	89X	A	Yellow	2X	
Bo-Jac	674	A	Yellow	2X	Bo-Jac Hybrid Corn Company R. R. #2 Mount Pulaski, IL 62548
	607	A	Yellow	2X	
	905	A	Yellow	2X	
Campbell	C960	A	Yellow	2X	Campbell Seed R. R. #3 Tipton, IN 46072
Cargill	971	A	Yellow	2X	Cargill Seeds P.O. Box 9480 Minneapolis, MN 55440
	967	A	Yellow	2X	
	980	A	Yellow	2X	
Caverndale Farms	CF6065	A	Yellow	2X	Caverndale Farms Route 2 Danville, KY 40422
	CF1860	B	Yellow	2X	

**TABLE 2.—HYBRIDS TESTED (continued)**

	Hybrid	Test*	Color	Cross**	Source
Coker	8575	A	Yellow	2X(Mod)	Coker's Pedigreed Seed
	8625	A	Yellow	2X	P.O. Box 340
	833W	A	White	2X	Hartsville, SC 29550
	8680	A	Yellow	2X	
	8696	B	Yellow	2X(Mod)	
Colbert	315	A	Yellow	2X	Colbert Farms
	340	A	Yellow	2X	R. R. #2
	345	A	Yellow	2X	Washington, IN 47501
	326	A	Yellow	2X	
Crow's	690	A	Yellow	2X	Crow's Hybrid Corn Company
	SL75	A	Yellow	2X	Route 2, Box 166
	688	A	Yellow	2X	St. Joseph, IL 61873
Custom Farm Seed	8000	A	Yellow	2X	Custom Farm Seed
	97008	A	Yellow	2X	P.O. Box 160
	W4100	A	Yellow	2X	Momence, IL 60954
D & H Seeds	DH7150	B	Yellow	2X	D & H Seeds & Services
	DH7183	A	Yellow	2X	P.O. Box 623
	DH9113	A	Yellow	2X	Robinson, IL 62454
	DH7230W	A	White	2X	
	DH9228	B	Yellow	2X(Mod)	
DeKalb-Pfizer	DK747	A	Yellow	2X	DeKalb-Pfizer Genetics
	DK789	B	Yellow	2X	Sycamore Road
	DK689	A,B	Yellow	2X	DeKalb, IL 60115
	T1100	A	Yellow	2X	
	DK656	A	Yellow	2X	
	XL72B	B	Yellow	2X	
Dennis	DS521	A	Yellow	2X	Dennis Hybrid Company
	DS642	A	Yellow	2X	P.O. Box 487
	DS749	A	Yellow	2X	Windfall, IN 46076
Funk's	G-4765	B	Yellow	3X	Funk's Seed Int'l.
	G-4614	A	Yellow	2X(Mod)	1300 Washington Street
	G-4522	A	Yellow	2X(Mod)	Bloomington, IL 61701
	G-4525A	B	Yellow	2X(Mod)	
	G-4733	A	Yellow	2X(Mod)	
	G-4734	B	Yellow	2X(Mod)	
	G-4740A	B	Yellow	2X(Mod)	
	X5013A	A	Yellow	2X(Mod)	
Garst Seed	8344	A	Yellow	2X	Garst Seed Company
					P.O. Box 300
					Coon Rapids, IA 50058



**TABLE 2.—HYBRIDS TESTED (continued)**

	Hybrid	Test*	Color	Cross**	Source
Gutwein	2820	A	Yellow	2X	Fred Gutwein & Sons, Inc. R. R. #1, Box 40 Francesville, IN 47946
Golden Acres	T-E 6945	B	Yellow	2X(Mod)	Taylor-Evans Seed Company P.O. Box 68 Tulia, TX 79088
	T-E 6994	A	Yellow	2X	
	T-E 6996	A	Yellow	2X	
	T-E 6998	A	Yellow	2X	
Golden Harvest	H2260W	B	White	2X	Columbiana Seed Company Eldred, IL 62027
	H2675	A	Yellow	2X	
	SP-7750	A	Yellow	2X	
	H2686A	A	Yellow	2X	
	H2745	B	Yellow	3X	
	XC-918	B	Yellow	2X	
Jacobi	6600	A	Yellow	2X	Jacobi Hybrids R. R. #1 McCordsville, IN 46055
	8850	A,B	Yellow	2X	
	6700	A	Yellow	2X	
	CX92	B	Yellow	2X	
Jacques	8100	A	Yellow	2X	Jacques Seed Company Prescott, WI 54021
	8700	A	Yellow	2X	
	8400	A,B	Yellow	2X	
	8350	A	Yellow	2X	
	8250	B	Yellow	2X	
Leader	SX717	A	Yellow	2X	Leader Seeds, Inc. 7160 S.R. 118 Celina, OH 45822
	SX690	A	Yellow	2X	
McCurdy	7372	A	Yellow	2X	McCurdy Seed Company Fremont, IA 52561
	84AA	A	Yellow	2X	
	8225	B	Yellow	2X	
	7676	A	Yellow	2X	
Northrup-King	PX79	A	Yellow	2X	Northrup-King & Company 1500 Jackson Street, NE Minneapolis, MN 55413
	PX95	A,B	Yellow	2X	
	PX9581	A	Yellow	2X	
	PX9540	A	Yellow	2X	
	X5914	B	Yellow	2X	
P.A.G.	SX352	A	Yellow	2X	P-A-G Seeds P.O. Box 9480 Minneapolis, MN 55440
	SW17A	B	Yellow	2X	
	SX16A	B	Yellow	2X	
	SX354	A	Yellow	2X	
	SX383	A	Yellow	2X	
	SX351	A	Yellow	2X	

**TABLE 2.—HYBRIDS TESTED (continued)**

	Hybrid	Test*	Color	Cross**	Source
Paymaster	8990	A	Yellow	2X	Paymaster Seeds P.O. Box 9493 Minneapolis, MN 55440
	7990	A	Yellow	2X	
Pioneer Brand	3147	B	Yellow	2X(Mod)	Pioneer Hi-Bred International 221 North Main Street Tipton, IN 46072
	3165	A	Yellow	2X	
	3187	B	Yellow	2X(Mod)	
	3320	A	Yellow	2X(Mod)	
	3378	A,B	Yellow	2X(Mod)	
	3377	A	Yellow	2X	
Prairie Stream	SX730	A	Yellow	2X	Prairie Stream Farms Route 3, Box 56 Frankfort, IN 46041
	X2317	B	Yellow	2X	
Princeton	SX860	A	Yellow	2X	Princeton Farms P.O. Box 319 Princeton, IN 47670
	SX870-A	A	Yellow	2X	
	SX910W	B	White	2X	
	SP933W	B	White	SPX	
Ring Around	RA1502	A	Yellow	2X	Ring Around Products, Inc. 12000 Ford Road, Suite 300 Dallas, TX 75234
	RA2606W	A	White	2X	
	RA1404	A	Yellow	2X	
Ruff's	R200	A	Yellow	2X	Ruff's Seed Farms Amanda, OH 43102
	R334A	A	Yellow	2X	
	R445	B	Yellow	2X	
	R290	A	Yellow	2X	
Scott Seed	LR3364	A	Yellow	2X	Scott Seed Company, Inc. P.O. Box 849 New Albany, IN 47150
	LR880	A	Yellow	2X	
	LR5241	A	Yellow	2X	
Select Seed	8400	A	Yellow	2X	Select Seed Hybrids P.O. Box 54 Camden, IN 46917
	8900	A	Yellow	2X	
	5177	A	Yellow	2X	
	9131	A,B	Yellow	2X	
Southern States	SS710	B	Yellow	3X	Southern States Coop., Inc. P.O. Box 26234 Richmond, VA 23260
	SS811	A	Yellow	2X	
	SS728	A	Yellow	2X	
	SS737	A	Yellow	2X	
	SS950W	A	White	3X	
	SS767	B	Yellow	2X	

**TABLE 2.—HYBRIDS TESTED (continued)**

	Hybrid	Test*	Color	Cross**	Source
Stauffer	S8818	A	Yellow	2X	Stauffer Seeds 975 South Durkin Drive Springfield, IL 62704
	S7759	A	Yellow	2X	
	S8500	A	Yellow	2X	
	S8445	B	Yellow	2X	
	S8820W	B	White	2X	
Stewart	S-6973	A	Yellow	2X	Stewart's Hybrids, Inc. Princeville, IL 61559
	S-8430	A	Yellow	2X	
	SX77	A	Yellow	2X	
	S-8432	A	Yellow	2X	
Super Crost	5438	A	Yellow	2X	Edward J. Funk & Sons, Inc. Box 67 Kentland, IN 47951
	7576	A	Yellow	2X	
	7795	B	Yellow	2X(Mod)	
	5460	A	Yellow	2X	
U.S.S. Ag. Chem.	USS8231	A	Yellow	2X	U.S.S. Agri-Chemicals Div. of U.S. Steel Corp. P.O. Box 1685 Atlanta, GA 30301
	USS2315	B	Yellow	2X	
	USS7001	A	Yellow	2X	
	USS8201	A	Yellow	2X	
Vineyard Seed	MV424W	A	White	2X(Mod)	Vineyard Seed Co., Inc. P.O. Box 3458 Champaign, IL 61821
	MV68	A	White	2X	
	MV88	B	White	3X	
	MV58	A	White	3X	
Zimmerman	Z11W	A	White	2X	Zimmerman Hybrids, Inc. 5147 W. Franklin Road Evansville, IN 47712
	Z14W	A	White	2X	
	Z23Y	A	Yellow	2X	
	Z27Y	A	Yellow	2X	
	Z28Y	A	Yellow	2X	
	Z60W	B	White	2X	
	Z34Y	B	Yellow	2X	

\* A = Performance Test, B = Virus Test

\*\* 2X = Single Cross, 3X = Three-Way Cross, 2X(Mod) = Modified Single Cross

**TABLE 3.—AGRONOMIC INFORMATION PERTAINING TO 1985 TEST LOCATIONS**

<u>Location and Cooperator</u>	<u>Soil Type</u>	<u>Fertilizer Lb/A</u>	<u>Herbicide</u>	<u>Insecticide</u>	<u>Planting Dates</u>	<u>Harvest Dates</u>	<u>Comments</u>
(1) Clinton, KY Steve Ward	Grenada Silt Loam	N - 180 P <sub>2</sub> O <sub>5</sub> - 70 K <sub>2</sub> O - 100	Sutan+ and Aatrex	Furadan	May 20	None	
(2) Princeton, KY Western Kentucky Research and Education Center	Huntington and Lindside Silt Loam	N - 150 P <sub>2</sub> O <sub>5</sub> -None K <sub>2</sub> O - 100	Eradicane Extra and Bladex	Furadan	May 16	None	
(3) Henderson, KY James P. Esche Highway 60 East	DeKoven and Wakeland Silt Loam	N - 150 P <sub>2</sub> O <sub>5</sub> - 100 K <sub>2</sub> O - 160	Eradicane and Aatrex	Dyfonate	May 21	None	
(4) Morganfield, KY Gerald Hunter and J.K. Waller	Wilbur Silt Loam	N - 160 P <sub>2</sub> O <sub>5</sub> - 92 K <sub>2</sub> O - 96	Sutan+ and Aatrex	Furadan	April 25	October 17,18	
(5) Elkton, KY Earl Wiles	Nicholson Silt Loam	N - 160 P <sub>2</sub> O <sub>5</sub> - 103 K <sub>2</sub> O - 60	Eradicane Extra and Aatrex	Furadan	May 9	October 16	
(6) Shelbyville, KY Mike Ellis	Nicholson Silt Loam	N - 136 P <sub>2</sub> O <sub>5</sub> - 0 K <sub>2</sub> O - 0	2-4D; Banvel Paraquat/ Surfactant Princep	Furadan and Toxaphene	April 19	October 10,11	No-till Wheat/ Soybean Stubble
(7) Frankfort, KY Wilbert and Roger Perkins	Huntington Silt Loam	N - 150 P <sub>2</sub> O <sub>5</sub> -None K <sub>2</sub> O -None	Eradicane and Aatrex	Dyfonate	May 14	November 8	
(8) Lexington, KY K.A.E.S. Spindletop Farm	Lanton Silt Loam	N - 150 P <sub>2</sub> O <sub>5</sub> -None K <sub>2</sub> O - 100	Eradicane Extra and Aatrex	Furadan	May 7	October 2,3,4,7	
(9) Quicksand, KY Robinson Forest Station	Philo Silt Loam	N - 150 P <sub>2</sub> O <sub>5</sub> - 60 K <sub>2</sub> O - 60	Eradicane Extra and Lasso	Furadan	May 6	October 28,29	

**TABLE 4.—ANNUAL SUMMARY, MORGANFIELD**

VARIETY	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 83-85	BU/AC 84-85	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985
YELLOW HYBRIDS						
CARGILL 971			167.2	16.6	86.1	20.5
PAYMASTER 7990			164.5	16.2	80.6	6.8
ADLERS 88X	159.6	173.2	157.0	17.4	76.9	36.8
GOLDEN HARV. H-2686A			152.3	16.5	80.1	8.8
BO-JAC 674	157.3	165.0	151.6	16.0	80.1	15.0
PIONEER BRAND 3320	160.0	166.6	149.7	16.4	83.8	7.0
GARST SEED 8344			144.8	17.2	83.8	10.2
STAUFFER S8818	142.5	160.5	144.8	17.4	76.4	12.8
P.A.G. SX352			144.1	16.8	78.2	21.8
CARGILL 967	152.9	171.3	143.1	15.7	83.3	25.5
MCCURDY 84AA	153.6	158.0	143.0	17.5	80.1	26.3
CUSTOM FM SEED E97008			142.8	16.8	78.7	15.7
JACOBI 6700		157.4	142.3	16.6	71.3	10.0
ASGROW/O'S GOLD RX788			142.0	16.5	74.1	12.0
BECK'S 85XA	139.5	141.6	141.5	17.9	71.8	26.1
GOLDEN AC. T-E 6996		161.2	140.8	17.3	77.8	15.4
BECK'S 89X			140.6	16.9	85.6	9.3
PIONEER BRAND 3377			140.4	15.9	74.5	11.7
USS AG-CHEM USS8321			140.1	16.8	69.4	11.5
PRINCETON SX870-A			140.1	18.5	77.3	9.1
CAMPBELL C960	150.5	158.0	140.0	17.6	67.6	11.1
AGRIPRO AP655			140.0	16.7	80.6	9.4
JACOBI 6600	145.5	148.1	139.7	16.4	83.3	11.9
GOLDEN HARV. H2675	148.4	165.0	139.4	16.7	80.6	3.7
AGRIGOLD A-6865	157.5	172.5	139.1	16.7	82.4	7.2
D&H SEEDS DH9113	144.0	159.3	136.2	17.0	85.6	17.3
SCOTT SEED LR880	146.3	158.8	135.3	17.6	76.4	13.8
SUPER CROST 5438		158.1	135.2	16.5	88.0	22.9
ZIMMERMAN Z28			135.1	16.7	74.1	11.2
GOLDEN AC. T-E 6998	141.9	157.8	134.7	18.3	71.8	13.2
NORTHROP-KING PX95	141.6	154.5	134.7	17.5	86.1	19.0
AGRIPRO AP510			134.1	16.3	76.4	12.9
SELECT SEED 5177		159.5	134.0	16.2	76.4	7.9
ASGROW/O'S GOLD RX777	144.0	154.7	133.7	17.1	77.3	26.5
RUFF'S R334A	146.1	151.6	133.2	16.6	80.6	21.9
P.A.G. SX383		152.8	132.5	17.2	65.3	23.4
DEKALB-PFIZER DK747	149.3	158.7	132.3	17.8	76.4	12.5
ASGROW/O'S GOLD 2570	155.0	157.8	132.2	15.7	74.5	14.0
FUNK'S G-4614			131.9	16.6	88.4	14.8
GOLDEN HARV. SP-7750			131.4	15.8	68.5	15.4
ADLERS 7905			131.3	16.1	85.6	15.6
DEKALB-PFIZER T-1100			131.3	16.4	69.9	8.5
DENNIS DS642	162.8	166.7	131.2	16.8	69.0	9.4
SCOTT SEED LR3364			131.1	15.6	77.8	7.2
P.A.G. SX351	149.0	163.0	130.9	16.2	72.7	25.1
P.A.G. SX354	150.9	156.4	130.7	16.5	83.8	10.7
BO-JAC 905			130.5	16.9	78.7	16.6
STAUFFER S8500		149.9	129.5	17.9	76.4	16.9
FUNK'S X5013A			129.5	16.2	74.1	13.6
NORTHROP-KING PX9540			129.3	16.5	75.5	11.4
JACOBI 8850			129.1	17.0	78.7	9.0
AGRATECH GK850			129.0	17.0	84.3	9.3
GOLDEN AC. T-E 6994			128.8	16.1	71.3	13.2
SELECT SEED 9131		157.4	128.7	16.5	70.4	10.6
STEWART S-6973	135.6	147.5	128.5	17.3	74.5	16.6
RING AROUND RA1502	147.0	157.3	127.8	15.8	81.9	9.2
PIONEER BRAND 3165			127.0	17.9	88.0	10.5
AGRIGOLD A-6910	148.2	154.5	126.9	17.1	77.3	34.4
D&H SEEDS DH7183	156.3	160.8	126.6	17.1	85.6	10.2
NORTHROP-KING PX9581		148.6	126.1	17.0	77.8	13.1
COLBERT 345	161.3	167.6	125.5	17.2	75.0	28.3
SCOTT SEED LR5241			124.6	16.7	83.3	27.3
ZIMMERMAN Z23	157.3	157.4	124.0	17.1	75.9	16.4
AGRIPRO HP555		156.2	123.6	17.0	84.3	23.5
JACQUES 8100	145.6	152.9	123.4	16.0	73.6	31.5
RUFF'S R290			122.6	16.4	78.7	6.4
DEKALB-PFIZER DK689			122.2	16.8	83.8	15.6
CUSTOM FM SEED W4100		138.8	122.2	16.4	72.7	9.1
PAYMASTER 8990	155.9	152.4	122.2	17.6	79.2	15.9
SELECT SEED 8400	150.4	156.6	121.9	16.9	78.2	18.9

**TABLE 4.—MORGANFIELD (continued)**

VARIETY	YIELD BU/AC 83-85	YIELD BU/AC 84-85	YIELD BU/AC 1985	AVG % MOIST 1985	AVG % STAND 1985	TOTAL % LODGED 1985
<b>YELLOW HYBRIDS</b>						
STAUFFER S7759		152.9	121.5	16.9	76.9	24.4
MCCURDY 7676			121.4	15.9	77.3	23.4
USS AG-CHEM USS8201			121.2	17.5	73.1	28.9
FUNK'S G-4522	141.4	150.5	121.2	16.3	69.0	17.9
PRAIRIE STREAM SX730	133.9	144.5	120.4	17.2	76.9	8.8
CROW'S 690	131.5	133.4	120.1	16.8	70.4	17.6
JACQUES 8700			120.1	17.6	76.4	10.9
JACQUES 8400	144.9	148.2	118.8	17.2	76.9	15.1
COKER 8575			118.7	17.2	85.2	12.5
BO-JAC 607			115.7	16.3	79.6	11.8
AGRIPRO HP771		147.5	115.5	17.2	75.9	23.2
PRINCETON SX860	135.7	141.5	115.4	17.1	71.3	4.8
NORTHRUP-KING PX79			115.2	16.0	80.6	11.3
SO. STATES SS737			115.2	15.9	75.9	23.7
CARGILL 980	164.0	159.6	114.8	16.8	77.8	14.5
SUPER CROST 5460			114.3	16.5	72.2	14.3
SUPER CROST 7576			113.3	17.1	68.1	17.5
ZIMMERMAN Z27		146.7	112.7	16.5	70.8	28.6
COLBERT 340	146.8	152.0	112.5	16.7	81.5	12.9
STEWART S-8432			112.1	18.3	77.3	23.5
USS AG-CHEM USS7001	134.8	137.0	111.5	15.8	76.4	15.2
COKER 8680			110.1	17.3	68.1	9.6
CAVERNDALE FM. CF6065	128.5	145.7	109.7	16.9	82.4	33.6
COKER 8625			109.6	15.7	70.8	11.0
DENNIS DS521			108.8	16.1	85.2	7.3
COLBERT 326		148.4	108.5	16.2	81.5	19.7
COLBERT 315	145.7	151.2	107.7	17.2	70.8	14.5
JACQUES 8350			105.3	17.5	66.7	9.7
BECK'S 90X	140.2	137.3	104.2	16.9	80.1	17.3
CROW'S 688		145.6	103.1	17.1	86.1	24.7
GUTWEIN 2820			103.1	17.4	76.9	9.2
STEWART SX77	132.8	139.6	100.6	16.5	78.7	19.1
LEADER SX690			100.4	16.3	73.1	20.6
DENNIS DS749	121.2	118.9	99.6	17.0	75.5	18.8
SO. STATES SS811	137.7	138.9	99.0	16.8	81.5	14.5
AGRATECH GK925	148.3	152.4	97.8	18.2	78.7	18.5
RUFF'S R200			97.6	15.9	69.4	19.4
SELECT SEED 8900	133.8	142.2	95.5	16.8	68.1	7.1
SO. STATES SS728			95.0	16.0	80.6	15.3
FUNK'S G-4733	134.0	130.3	94.6	17.7	66.2	4.1
RING AROUND RA1404		130.4	92.6	16.6	69.9	11.4
AGRATECH GK900		134.3	91.7	18.1	72.7	22.4
MCCURDY 7372		136.9	91.5	17.1	76.4	28.3
ASGROW/O'S GOLD RX892			91.3	15.9	81.0	8.9
PIONEER BRAND 3378			90.7	16.0	59.7	14.1
CUSTOM FM SEED CFS8000	134.7	137.6	88.2	17.3	72.2	11.7
CROW'S SL75	137.9	134.3	84.3	16.6	53.7	6.8
ADLERS 6100		126.1	83.3	17.4	69.0	18.9
STEWART S-8430		108.2	79.5	15.9	63.0	9.1
DEKALB-PFIZER DK656			76.4	16.2	66.7	13.9
LEADER SX717	132.4	126.8	75.6	17.2	57.9	18.5
<b>YELLOW AVERAGE</b>	<b>145.4</b>	<b>150.2</b>	<b>122.3</b>	<b>16.8</b>	<b>76.4</b>	<b>15.6</b>
<b>WHITE HYBRIDS</b>						
VINEYARD SEED MV-58W	153.1	154.1	132.9	18.1	77.8	23.8
ZIMMERMAN Z14W	141.4	146.2	122.8	17.9	85.2	18.8
ZIMMERMAN Z11W	140.5	146.6	121.5	18.5	70.8	29.3
SO. STATES SS950W	133.4	140.2	120.7	18.2	79.6	26.6
RING AROUND RA2606W	124.4	124.7	109.4	18.4	71.8	19.1
AGRIGOLD XA-944W			106.9	17.6	75.0	24.5
AGRIGOLD A-6795W		137.0	103.9	18.7	81.5	43.3
COKER 833W	122.8	131.0	95.2	18.6	77.8	12.4
VINEYARD SEED MV-424W			93.2	17.7	71.3	17.7
VINEYARD SEED MV-68W	122.0	130.0	92.8	18.8	74.5	27.5
D&H SEEDS DH7230W			81.4	16.4	59.7	27.0
<b>WHITE AVERAGE</b>	<b>133.9</b>	<b>138.7</b>	<b>107.3</b>	<b>18.1</b>	<b>75.0</b>	<b>24.6</b>
<b>GRAND AVERAGE</b>	<b>144.0</b>	<b>149.0</b>	<b>121.1</b>	<b>16.9</b>	<b>76.2</b>	<b>16.3</b>
LSD(0.10)			42.0	1.1	12.6	13.2
C.V.			25.8	4.7	12.3	60.3

**TABLE 5.—ANNUAL SUMMARY, ELKTON**

VARIETY	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 83-85	BU/AC 84-85	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985
YELLOW HYBRIDS						
GOLDEN HARV. SP-7750			120.4	16.2	84.3	2.7
JACOBI 8850			119.5	15.9	91.2	3.1
ZIMMERMAN Z28			119.2	15.7	83.3	2.8
AGRIGOLD A-6910	106.6	130.4	115.6	16.2	85.6	2.2
NORTHROP-KING PX95	113.0	120.2	114.2	17.8	81.9	12.7
ZIMMERMAN Z23	117.0	133.8	113.7	16.5	83.3	9.9
BECK'S 85XA	103.7	110.0	112.4	17.1	82.9	6.2
CARGILL 967	110.1	126.4	112.0	15.4	88.0	4.3
PIONEER BRAND 3165			111.8	17.2	91.2	7.6
BECK'S 90X	104.9	114.8	111.2	17.0	76.4	5.0
BO-JAC 905			111.1	16.1	84.7	2.2
DENNIS DS642	122.7	132.2	111.1	15.6	82.9	5.0
FUNK'S X5013A			109.6	15.5	80.1	4.7
CUSTOM FM SEED E97008			107.7	16.4	86.1	2.2
SELECT SEED 9131		119.1	107.7	16.3	87.5	3.7
JACQUES 8350			106.2	16.1	88.4	2.6
CROW'S 688		123.4	105.8	16.5	83.8	4.0
BECK'S 89X			105.5	16.0	82.4	2.3
FUNK'S G-4522	105.6	125.9	105.3	15.7	84.3	1.6
CAMPBELL C960	105.9	115.8	105.0	16.0	81.5	5.1
GARST SEED 8344			104.5	15.8	91.2	4.5
SUPER CROST 5460			104.3	15.9	82.4	4.5
DEKALB-PFIZER DK689			104.2	16.4	88.9	2.8
CAVERNDAL FM. CF6065	108.5	119.2	103.9	16.0	88.4	5.4
JACOBI 6700		120.4	103.6	15.6	82.9	6.2
SCOTT SEED LR5241			103.3	15.9	81.9	3.9
PIONEER BRAND 3377			103.0	15.8	91.7	2.6
SCOTT SEED LR3364			102.8	15.6	84.3	5.0
SELECT SEED 8900	104.2	115.1	102.5	16.4	86.6	2.1
AGRIGOLD A-6865	112.4	110.6	102.2	16.0	89.4	3.0
ASGROW/O'S GOLD 2570	124.9	130.4	101.0	15.6	85.6	5.0
JACQUES 8400	113.6	122.0	100.5	16.4	81.0	3.4
P.A.G. SX352			100.4	15.6	88.0	5.3
CROW'S SL75	117.8	123.1	100.1	16.2	86.6	2.6
NORTHROP-KING PX79			99.9	15.3	84.3	4.4
SO. STATES SS728			99.8	15.9	85.2	3.8
ADLERS 7905			99.6	16.1	89.8	2.7
AGRATECH GK900		112.1	99.2	16.1	83.8	3.9
PRINCETON SX870-A			98.7	16.9	81.0	4.0
MCCURDY 7676			98.6	15.8	82.4	4.5
AGRIPRO HP771		113.1	98.6	15.9	80.6	5.6
GOLDEN HARV. H2675	111.8	115.2	98.2	16.3	85.6	6.4
GOLDEN AC. T-E 6996			98.0	16.2	85.6	5.5
CARGILL 980	107.1	117.4	97.8	16.6	77.8	6.5
COLBERT 340	105.9	112.7	97.8	16.3	85.6	5.4
LEADER SX690			97.8	15.4	88.0	3.2
BO-JAC 607			97.7	16.5	83.8	1.7
RUFF'S R334A	103.3	109.7	97.5	16.3	83.8	8.3
P.A.G. SX354	106.5	111.8	96.8	16.3	80.1	6.4
JACOBI 6600	104.7	113.0	96.3	15.3	85.2	4.3
PAYMASTER 7990			96.0	15.5	83.8	2.2
ZIMMERMAN Z27		113.4	95.8	15.4	87.0	10.6
AGRIPRO AP510			95.6	15.5	83.3	2.8
JACQUES 8100	104.1	115.8	95.6	14.7	84.7	7.4
DEKALB-PFIZER DK747	109.9	116.4	95.6	16.5	75.5	5.5
CUSTOM FM SEED W4100		113.6	95.4	16.4	80.6	5.7
D&H SEEDS DH9113	102.4	112.3	95.4	16.2	83.3	5.1
GOLDEN HARV. H-2686A			95.2	15.8	78.2	5.3
RUFF'S R290			95.0	16.8	80.1	5.9
COLBERT 345	104.4	112.1	94.9	16.9	82.4	9.1
STAUFFER S7759		123.2	94.9	15.5	83.3	3.4
PIONEER BRAND 3320	108.5	118.4	94.9	16.6	83.8	8.8
SELECT SEED 5177		118.3	94.2	16.4	68.1	6.1
COLBERT 315	120.0	123.6	94.0	16.6	88.9	8.3
SO. STATES SS737			93.9	15.2	87.0	1.1
NORTHROP-KING PX9540			93.9	16.0	84.3	3.9
ADLERS 6100		104.1	93.8	15.9	87.5	2.6
COKER 8625			93.6	15.7	79.6	7.0
COKER 8680			93.4	16.2	88.4	3.1
PIONEER BRAND 3378			93.2	15.4	82.4	2.9

TABLE 5.—ELKTON (continued)

VARIETY	YIELD BU/AC 83-85	YIELD BU/AC 84-85	YIELD BU/AC 1985	AVG % MOIST 1985	AVG % STAND 1985	TOTAL % LODGED 1985
YELLOW HYBRIDS						
USS AG-CHEM USS7001	105.9	114.1	93.0	15.0	81.5	4.5
ASGROW/O'S GOLD RX788			92.6	15.6	85.6	3.3
D&H SEEDS DH7183	106.2	114.1	92.0	16.3	81.0	2.9
PRINCETON SX860	102.9	110.4	91.9	16.7	85.2	2.7
NORTHROP-KING PX9581		114.7	91.7	16.2	87.5	5.3
DEKALB-PFIZER T-1100			91.7	15.4	84.7	3.4
COLBERT 326		123.0	91.5	15.0	92.1	11.5
AGRIPRO HP555		119.1	91.5	15.9	84.3	3.4
DEKALB-PFIZER DK656			91.4	15.5	85.2	3.9
RUFF'S R200			90.9	14.7	83.8	3.3
DENNIS DS521			90.9	15.9	86.1	3.3
CARGILL 971			90.8	16.1	87.5	8.4
SELECT SEED 8400	113.1	120.7	90.6	16.4	84.7	7.2
RING AROUND RA1502	107.7	122.4	90.3	16.4	88.4	3.2
STEWART S-8432			90.1	16.6	85.2	8.1
COKER 8575			90.1	15.4	87.5	3.3
SUPER CROST 7576			90.1	16.7	72.7	4.5
ADLERS 88X	99.6	111.3	89.4	15.8	82.4	6.6
P.A.G. SX351	103.6	119.7	89.0	14.9	81.0	4.6
P.A.G. SX383		114.1	89.0	16.1	88.4	3.7
PAYMASTER 8990	107.6	117.7	88.8	16.5	83.8	3.8
GOLDEN AC. T-E 6994			88.4	15.7	82.9	8.9
USS AG-CHEM USS8201			88.3	15.7	81.9	2.8
SO. STATES SS811	94.7	111.5	87.9	16.1	80.6	7.0
STEWART S-6973	98.2	107.9	87.2	16.7	83.8	6.1
AGRIPRO AP655			86.7	16.4	88.0	3.6
AGRATECH GK850			86.7	16.2	92.1	5.1
LEADER SX717	113.8	113.4	86.6	16.6	86.1	3.9
BO-JAC 674	99.7	106.3	85.9	16.4	87.0	4.3
FUNK'S G-4733	98.5	97.8	85.9	17.0	80.1	1.2
USS AG-CHEM USS8321			85.8	16.0	79.2	4.1
PRAIRIE STREAM SX730	104.4	121.2	84.5	16.5	75.5	5.8
DENNIS DS749	92.5	97.8	84.3	16.2	83.8	1.1
STAUFFER S8500		102.7	84.1	16.1	79.6	8.1
STEWART SX77	97.5	105.7	83.6	15.6	86.6	4.8
ASGROW/O'S GOLD RX892			83.1	15.6	86.1	4.3
CROW'S 690	92.8	99.4	82.7	15.6	81.9	10.6
MCCURDY 7372		101.7	82.3	15.7	88.9	3.2
SUPER CROST 5438		113.8	82.3	15.3	84.3	3.4
FUNK'S G-4614			82.0	16.6	81.9	6.8
RING AROUND RA1404		108.2	82.0	15.5	72.7	6.5
GUTWEIN 2820			81.7	16.4	81.5	6.2
MCCURDY 84AA	96.3	102.1	81.4	16.1	84.7	4.5
ASGROW/O'S GOLD RX777	95.5	111.9	80.8	15.7	85.6	5.9
GOLDEN AC. T-E 6998	91.9	98.0	78.4	16.2	87.0	10.0
CUSTOM FM SEED CFS8000	104.1	111.5	78.0	16.0	83.8	12.8
STAUFFER S8818	92.3	100.7	77.7	16.0	84.3	5.4
AGRATECH GK925	94.4	108.5	73.5	16.0	85.6	8.5
JACQUES 8700			73.4	16.3	84.3	9.3
STEWART S-8430		85.9	72.9	16.1	75.9	6.2
SCOTT SEED LR880	94.6	105.2	72.9	16.2	87.0	11.2
YELLOW AVERAGE	105.2	114.0	95.1	16.0	84.1	5.1
WHITE HYBRIDS						
COKER 833W	99.2	111.6	111.1	17.1	83.8	2.8
VINEYARD SEED MV-424W			100.6	16.5	83.8	8.3
AGRIGOLD A-6795W		107.7	88.7	16.4	93.1	6.4
D&H SEEDS DH7230W			85.2	16.3	87.0	10.0
ZIMMERMAN Z14W	95.4	103.4	78.2	16.2	87.5	9.1
VINEYARD SEED MV-58W	79.4	89.1	76.8	16.2	85.2	3.7
RING AROUND RA2606W	86.8	102.1	74.1	17.0	75.9	5.0
VINEYARD SEED MV-68W	84.5	97.6	72.4	16.5	83.8	6.6
SO. STATES SS950W	83.3	93.5	66.9	16.8	81.5	5.6
AGRIGOLD XA-944W			64.6	16.3	85.6	5.4
ZIMMERMAN Z11W	76.9	81.2	36.8	16.4	87.0	10.6
WHITE AVERAGE	86.5	98.3	77.8	16.5	84.9	6.7
GRAND AVERAGE	103.0	112.5	93.6	16.1	84.2	5.2
LSD(0.10)			16.7	0.5	6.9	4.0
C.V.			13.3	2.5	6.1	57.5



TABLE 6.—ANNUAL SUMMARY, SHELBYVILLE

VARIETY	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 84-85	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985
YELLOW HYBRIDS					
CARGILL 980	160.4	199.9	23.3	81.6	1.1
STAUFFER S8818	143.2	186.7	20.2	76.9	6.9
CARGILL 967	148.6	184.8	18.3	78.2	6.6
COLBERT 315	152.4	184.0	19.6	86.8	4.4
COLBERT 326	152.1	183.8	19.2	77.4	6.0
* NORTHRUP-KING PX95	144.7	182.3	22.0	79.5	2.8
COLBERT 345	153.9	181.8	22.7	82.1	6.8
* PIONEER BRAND 3165		176.8	22.2	76.1	1.6
PIONEER BRAND 3320	143.0	176.7	19.7	82.5	3.6
ADLERS 88X	145.4	175.5	20.0	77.4	6.6
GOLDEN AC. T-E 6998	138.8	174.6	20.2	74.4	2.4
JACQUES 8700		174.2	20.1	82.5	5.5
ADLERS 6100	151.3	174.2	18.8	77.8	3.8
BECK'S 89X		174.1	18.8	74.4	4.1
AGRATECH GK925	151.4	173.4	19.9	69.7	3.2
ZIMMERMAN Z23	138.9	172.2	20.8	77.8	8.5
P.A.G. SX383	135.6	170.8	20.7	75.6	7.7
CAVERNDALE FM. CF6065	143.7	170.8	21.1	77.4	3.5
LEADER SX717	148.4	169.8	20.1	79.9	5.3
P.A.G. SX351	146.9	169.3	18.5	78.6	5.9
* ZIMMERMAN Z28		169.2	20.2	76.5	3.9
GOLDEN HARV. H-2686A		168.9	19.8	72.6	8.1
AGRIGOLD A-6910	146.2	168.8	19.9	85.0	5.8
CROW'S 688	144.0	167.7	19.6	75.2	1.7
SCOTT SEED LR880	132.6	167.4	19.7	81.6	9.9
PAYMASTER 7990		166.8	19.0	72.2	2.9
NORTHRUP-KING PX79		166.8	19.0	77.4	2.8
ZIMMERMAN Z27	146.4	166.7	20.2	82.1	3.1
PAYMASTER 8990	142.3	166.5	22.3	67.5	1.9
SO. STATES SS737		165.4	18.9	85.0	6.1
BECK'S 90X	132.0	165.3	20.6	74.8	3.4
NORTHRUP-KING PX9581	137.9	165.3	19.8	74.4	2.9
GOLDEN HARV. SP-7750		165.1	19.3	79.1	1.7
AGRATECH GK900	136.5	165.0	20.0	70.5	3.2
USS AG-CHEM USS8321		164.8	18.6	66.2	1.9
BECK'S 85XA	138.7	164.7	20.1	68.8	6.1
PIONEER BRAND 3378		164.5	17.9	68.4	2.9
ASGROW/O'S GOLD RX788		164.5	19.9	67.1	2.4
AGRATECH GK850		164.4	20.3	69.7	0.5
ASGROW/O'S GOLD RX892		164.2	20.2	73.1	1.7
CUSTOM FM SEED CFS8000	126.2	163.6	20.0	72.2	5.7
* STAUFFER S8500	135.7	163.5	21.6	77.8	2.8
BO-JAC 607		162.0	19.7	73.5	1.2
GOLDEN AC. T-E 6996	140.4	162.0	21.1	76.5	2.2
SO. STATES SS728		161.6	18.7	74.8	3.3
DEKALB-PFIZER DK656		160.9	19.5	71.4	1.6
P.A.G. SX352		160.8	18.4	73.5	3.8
JACQUES 8100	139.3	160.7	19.1	69.2	2.5
PRAIRIE STREAM SX730	139.0	160.7	20.5	74.8	7.8
* CROW'S 690	140.0	160.3	20.0	69.2	3.2
D&H SEEDS DH9113	128.5	160.2	20.9	73.9	10.3
AGRIPRO AP510		160.1	19.4	73.5	2.7
* COKER 8680		159.8	21.3	76.1	5.5
JACQUES 8350		159.4	19.6	71.4	0.6
FUNK'S G-4614		159.3	18.4	76.9	9.2
SELECT SEED 8400	133.0	158.2	19.2	78.2	5.0
* MCCURDY 84AA	127.4	156.6	20.3	72.2	5.9
GUTWEIN 2820		156.3	19.1	69.2	2.0
AGRIPRO HP771	131.8	155.9	20.5	68.8	2.3
MCCURDY 7676		155.7	19.0	77.8	2.2
SUPER CROST 5438	137.1	155.7	18.7	76.9	9.0
RING AROUND RA1502	135.9	155.6	20.9	72.6	4.6
* DEKALB-PFIZER DK747	128.5	155.0	20.6	72.2	3.1
AGRIPRO HP555	133.7	155.0	19.3	71.8	4.2
NORTHRUP-KING PX9540		154.6	18.7	66.2	2.5
* CAMPBELL C960	131.1	154.5	21.0	69.7	7.3
DENNIS DS642	138.8	154.4	19.6	73.9	8.1
* CARGILL 971		153.6	18.9	81.6	6.4
COLBERT 340	135.3	153.3	19.8	74.8	5.1
ASGROW/O'S GOLD RX777	124.6	153.0	20.6	71.8	4.0

\* Varieties were damaged by wheels of tractor and sprayer when applying herbicide on the Shelby County Test when corn was above knee-high.

**TABLE 6.—SHELBYVILLE (continued)**

VARIETY	YIELD BU/AC 84-85	YIELD BU/AC 1985	AVG % MOIST 1985	AVG % STAND 1985	TOTAL % LODGED 1985
<b>YELLOW HYBRIDS</b>					
ADLERS 7905		152.9	19.0	76.5	1.2
CUSTOM FM SEED W4100	126.4	152.9	19.6	68.4	12.9
*MCCURDY 7372	128.9	152.6	19.6	68.8	5.6
PRINCETON SX870-A		152.3	20.1	69.7	7.9
RUFF'S R334A	133.9	152.0	19.9	74.8	4.0
DENNIS DS749	133.0	151.5	20.4	73.1	1.1
FUNK'S G-4522	131.4	150.8	18.6	75.2	5.6
FUNK'S G-4733	125.4	150.5	19.9	73.5	2.9
LEADER SX690		150.0	18.8	84.2	9.2
STEWART S-8432		150.0	21.6	73.9	5.5
AGRIGOLD A-6865	130.2	149.9	20.2	71.8	4.7
PRINCETON SX860	127.0	149.5	20.7	76.9	3.9
STAUFFER S7759	115.1	149.3	19.1	67.9	4.9
JACQUES 8400	125.1	149.3	20.4	69.2	4.9
*SCOTT SEED LR3364		149.2	17.5	67.5	6.9
D&H SEEDS DH7183	132.0	148.9	21.4	75.6	2.1
GOLDEN HARV. H2675	126.4	148.6	19.7	73.1	0.6
COKER 8625		148.6	18.8	74.4	2.7
RUFF'S R290		148.4	18.5	74.4	7.7
DENNIS DS521		148.1	18.9	75.2	4.4
*AGRIPRO AP655		148.0	19.3	72.6	4.2
JACOBI 8850		147.9	19.0	70.5	2.9
*SUPER CROST 7576		147.7	21.6	68.8	7.1
COKER 8575		147.6	17.2	76.1	6.5
SUPER CROST 5460		147.5	19.0	70.1	6.6
STEWART S-6973	120.2	146.5	21.1	68.8	7.0
CUSTOM FM SEED E97008		145.5	20.7	76.1	2.7
SELECT SEED 8900	128.0	145.5	19.7	80.8	5.3
USS AG-CHEM USS8201		145.4	18.3	75.2	3.7
FUNK'S X5013A		144.9	17.9	71.4	2.3
BO-JAC 905		144.4	20.4	74.4	4.5
PIONEER BRAND 3377		144.4	17.7	80.3	5.6
STEWART S-8430	118.7	142.5	18.9	64.1	3.9
BO-JAC 674	131.5	142.0	19.9	81.6	5.4
*JACOBI 6600	123.7	142.0	18.4	62.4	4.3
GOLDEN AC. T-E 6994		141.7	18.8	72.6	7.5
SCOTT SEED LR5241		141.6	19.5	62.8	3.3
USS AG-CHEM USS7001	130.9	141.6	20.0	74.8	8.2
STEWART SX77	117.9	141.3	19.6	69.2	4.2
P.A.G. SX354	120.9	140.6	19.5	68.4	2.1
*SELECT SEED 9131	125.3	140.3	19.5	69.2	5.3
GARST SEED 8344		139.9	18.6	75.2	8.9
JACOBI 6700	118.1	139.4	20.7	62.8	1.3
DEKALB-PFIZER T-1100		139.3	17.1	68.8	6.9
*ASGROW/O'S GOLD 2570	126.3	138.8	20.5	69.2	4.2
CROW'S SL75	114.2	137.3	20.3	71.4	6.3
*DEKALB-PFIZER DK689		136.9	19.9	73.1	6.8
*SO. STATES SS811	112.1	136.8	19.5	72.2	11.2
RUFF'S R200		128.1	17.1	67.1	6.2
*RING AROUND RA1404	118.7	126.3	17.1	62.8	3.5
*SELECT SEED 5177	123.7	125.6	19.1	66.2	4.5
<b>YELLOW AVERAGE</b>	<b>134.2</b>	<b>157.0</b>	<b>19.7</b>	<b>73.7</b>	<b>4.7</b>
<b>WHITE HYBRIDS</b>					
ZIMMERMAN Z14W	127.1	179.0	22.9	84.2	4.5
COKER 833W	134.5	159.0	22.8	75.2	1.7
ZIMMERMAN Z11W	124.4	158.3	25.4	84.6	10.5
SO. STATES SS950W	128.3	156.0	22.4	72.6	7.9
RING AROUND RA2606W	124.3	149.9	22.7	70.9	3.9
*AGRIGOLD A-6795W	124.9	148.7	21.7	75.2	10.5
VINEYARD SEED MV-58W	122.5	144.3	20.7	79.1	5.2
AGRIGOLD XA-944W		142.6	25.8	71.8	1.9
VINEYARD SEED MV-424W		139.2	19.2	68.8	1.4
*VINEYARD SEED MV-68W	106.8	131.9	21.7	68.8	8.3
D&H SEEDS DH7230W		131.8	19.8	74.8	7.6
<b>WHITE AVERAGE</b>	<b>124.1</b>	<b>149.2</b>	<b>22.3</b>	<b>75.1</b>	<b>5.8</b>
<b>GRAND AVERAGE</b>	<b>133.2</b>	<b>156.4</b>	<b>19.9</b>	<b>73.8</b>	<b>4.8</b>
LSD(0.10)		23.0	1.4	10.2	5.6
C.V.		10.9	5.1	10.2	87.3

**TABLE 7.—ANNUAL SUMMARY, LEXINGTON**

VARIETY	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 84-85	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985
YELLOW HYBRIDS					
CAVERNDALE FM. CF6065	127.8	156.2	24.3	82.9	2.1
STAUFFER S7759	135.9	153.1	21.9	84.3	6.7
GOLDEN AC. T-E 6998	124.0	151.5	22.9	81.5	2.2
AGRIGOLD A-6910	128.9	151.5	24.1	84.7	9.4
CARGILL 967	122.9	151.4	22.8	82.9	9.6
DEKALB-PFIZER DK656		149.2	21.4	87.0	2.9
BECK'S 89X		149.1	23.2	88.9	5.6
DEKALB-PFIZER DK689		147.8	22.0	91.7	6.1
ASGROW/O'S GOLD RX777	120.2	146.7	20.5	82.9	15.0
AGRIPRO HP555	131.2	146.7	21.3	87.0	9.2
SO. STATES SS728		145.5	21.3	91.2	4.0
PAYMASTER 7990		145.5	22.0	87.0	4.3
ASGROW/O'S GOLD RX892		144.0	20.8	83.8	2.4
AGRATECH GK900	116.9	143.5	24.8	88.9	3.0
JACQUES 8350		143.4	23.4	87.0	3.3
BECK'S 85XA	114.5	142.5	23.4	81.0	11.5
USS AG-CHEM USS8321		142.3	21.0	81.5	6.6
GOLDEN HARV. SP-7750		141.6	21.7	82.4	1.1
P.A.G. SX352		141.5	21.3	83.8	4.6
DENNIS DS521		141.3	20.7	91.7	1.6
BECK'S 90X	119.1	139.1	23.6	93.1	11.3
PIONEER BRAND 3377		138.8	20.6	83.8	5.1
ADLERS 88X	116.7	138.8	24.2	73.6	13.9
GOLDEN AC. T-E 6996	120.1	138.4	24.3	84.7	4.9
PIONEER BRAND 3165		138.2	25.0	90.3	9.6
JACOBI 6600	119.8	138.0	19.4	92.1	5.0
MCCURDY 7372	121.7	137.8	20.0	87.0	5.6
ZIMMERMAN Z27	120.0	137.6	21.3	86.6	10.2
ASGROW/O'S GOLD 2570	130.1	136.6	20.1	82.9	14.9
PIONEER BRAND 3320	119.0	135.8	22.0	88.9	8.4
CAMPBELL C960	117.4	135.6	23.3	84.7	6.6
JACQUES 8400	115.7	135.1	24.3	87.5	9.0
GUTWEIN 2820		135.1	22.7	92.6	13.3
JACOBI 6700	122.4	134.8	22.8	82.9	2.2
USS AG-CHEM USS7001	118.9	134.4	21.5	82.9	5.2
MCCURDY 7676		134.3	20.5	88.4	5.3
ZIMMERMAN Z28		134.2	21.4	87.5	7.2
BO-JAC 607		133.9	21.1	81.5	6.5
MCCURDY 84AA	119.7	133.1	22.6	90.3	4.3
FUNK'S G-4522	120.2	132.7	22.5	91.7	8.6
SO. STATES SS811	115.0	132.6	22.0	88.0	13.6
CUSTOM FM SEED CFS8000	116.1	132.3	23.2	86.1	5.8
JACOBI 8850		132.1	23.6	88.9	3.7
CUSTOM FM SEED E97008		132.1	22.4	90.3	3.7
AGRIPRO AP510		132.0	20.6	85.6	6.9
RUFF'S R290		131.9	22.6	85.6	3.8
P.A.G. SX351	119.4	131.9	23.5	86.1	11.0
GOLDEN AC. T-E 6994		131.9	22.0	83.3	8.9
ZIMMERMAN Z23	120.4	131.7	24.2	91.7	6.8
COKER 8625		131.5	23.1	87.5	2.6
CROW'S SL75	111.2	131.1	22.7	86.6	1.6
PRINCETON SX860	112.1	130.9	23.5	82.4	4.9
PIONEER BRAND 3378		130.4	19.3	81.9	3.4
PRAIRIE STREAM SX730	103.1	130.3	22.6	81.9	5.9
COLBERT 345	120.6	129.8	24.4	86.1	11.3
COLBERT 326	118.5	129.1	21.7	88.4	8.8
BO-JAC 905		129.0	22.0	88.4	2.6
JACQUES 8100	118.0	129.0	21.6	83.3	12.7
GARST SEED 8344		128.6	21.8	88.0	7.9
PRINCETON SX870-A		128.5	23.4	84.3	5.2
ADLERS 7905		128.1	22.3	82.4	13.0
STAUFFER S8818	111.9	128.1	22.7	88.9	7.1
ADLERS 6100	112.7	128.0	19.8	84.3	0.6
GOLDEN HARV. H-2686A		127.9	21.7	81.0	13.8
STAUFFER S8500	108.4	127.8	24.0	81.0	5.0
SELECT SEED 8400	113.2	127.6	22.6	89.4	14.1
NORTHROP-KING PX9540		127.6	19.5	83.8	4.9
SELECT SEED 9131	117.1	127.0	22.1	89.4	1.6
USS AG-CHEM USS8201		127.0	21.0	82.4	6.6
SUPER CROST 5438	124.3	127.0	21.3	82.9	11.4

TABLE 7.—LEXINGTON (continued)

VARIETY	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 84-85	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985
YELLOW HYBRIDS					
LEADER SX690		127.0	20.6	90.3	9.4
COKER 8680		126.8	23.4	86.6	17.1
SUPER CROST 7576		126.0	23.5	82.4	9.3
SELECT SEED 8900	121.6	125.9	22.6	88.9	12.3
SUPER CROST 5460		125.7	21.1	77.3	8.1
FUNK'S X5013A		125.6	21.3	72.2	9.9
D&H SEEDS DH9113	111.9	125.0	23.1	84.7	6.7
LEADER SX717	117.4	124.7	24.3	92.1	4.0
CROW'S 688	120.3	124.3	25.1	87.0	3.1
DENNIS DS642	119.2	124.1	21.5	74.5	16.3
ASGROW/O'S GOLD RX788		124.1	19.7	84.3	6.3
BO-JAC 674	117.1	124.0	22.1	78.7	21.9
D&H SEEDS DH7183	121.8	123.9	22.9	88.4	1.1
FUNK'S G-4733	115.5	123.2	24.0	77.3	1.2
CUSTOM FM SEED W4100	108.5	123.1	24.1	91.2	5.9
CROW'S 690	102.2	122.8	22.9	78.2	9.4
DEKALB-PFIZER DK747	120.3	122.2	23.5	85.2	3.7
COKER 8575		122.1	20.1	81.0	6.0
NORTHROP-KING PX95	111.8	122.0	24.9	89.4	7.8
FUNK'S G-4614		121.8	21.5	80.6	8.5
P.A.G. SX354	110.4	121.6	21.4	86.1	4.8
STEWART S-6973	116.1	121.5	21.9	81.5	8.9
RING AROUND RA1404	104.8	121.0	21.2	80.6	3.5
SCOTT SEED LR5241		120.8	20.3	80.1	32.1
SCOTT SEED LR880	109.6	120.6	23.7	88.9	10.8
AGRATECH GK850		120.5	24.1	96.8	2.9
AGRIPRO HP771	112.2	119.8	22.5	87.5	8.5
DENNIS DS749	114.9	119.6	21.9	72.2	23.6
RUFF'S R334A	106.2	119.5	22.8	78.7	11.8
CARGILL 971		119.4	24.2	89.8	6.6
RING AROUND RA1502	114.7	119.3	23.7	84.3	2.2
JACQUES 8700		118.8	23.1	80.1	7.9
NORTHROP-KING PX9581	109.5	118.7	23.4	88.4	2.2
P.A.G. SX383	112.6	117.9	23.7	85.6	5.6
STEWART S-8430	98.1	117.7	20.7	75.5	7.3
CARGILL 980	115.4	117.5	23.4	83.8	16.1
SCOTT SEED LR3364		116.0	19.9	89.4	5.1
DEKALB-PFIZER T-1100		115.5	18.8	82.4	9.6
STEWART S-8432		114.5	23.1	81.5	19.6
SO. STATES SS737		114.3	20.1	81.9	6.6
COLBERT 315	110.3	113.9	21.0	90.3	6.2
NORTHROP-KING PX79		111.6	22.6	91.2	8.7
SELECT SEED 5177	108.3	110.6	21.0	73.1	8.4
AGRATECH GK925	104.6	109.6	23.0	83.3	12.7
COLBERT 340	111.1	109.4	23.2	77.8	9.4
STEWART SX77	95.9	108.9	22.4	87.5	9.7
GOLDEN HARV. H2675	111.1	108.7	22.6	86.6	7.1
AGRIGOLD A-6865	112.3	107.8	23.4	90.3	4.1
AGRIPRO AP655		104.5	23.0	80.1	18.0
PAYMASTER 8990	107.5	98.5	23.9	86.6	19.5
RUFF'S R200		84.4	19.4	83.3	7.4
YELLOW AVERAGE	115.7	128.7	22.3	85.0	7.9
WHITE HYBRIDS					
VINEYARD SEED MV-424W		121.0	20.8	79.2	9.6
AGRIGOLD A-6795W	109.8	119.5	24.6	84.7	3.2
RING AROUND RA2606W	103.6	103.9	23.6	81.0	10.0
COKER 833W	96.5	103.2	27.3	84.3	17.1
AGRIGOLD XA-944W		100.6	26.3	82.9	10.6
D&H SEEDS DH7230W		91.2	22.3	88.0	25.8
VINEYARD SEED MV-58W	79.9	88.3	23.8	84.3	22.2
VINEYARD SEED MV-68W	92.6	87.9	26.0	83.3	14.5
ZIMMERMAN Z14W	84.6	87.5	25.0	81.9	29.3
SO. STATES SS950W	75.5	76.2	25.1	84.3	30.6
ZIMMERMAN Z11W	84.3	74.2	26.0	84.3	31.0
WHITE AVERAGE	90.9	95.8	24.6	83.5	18.5
GRAND AVERAGE	113.2	126.0	22.5	84.9	8.8
LSD(0.10)		20.4	2.3	9.6	9.9
C.V.		12.1	7.5	8.4	84.1

TABLE 8.—ANNUAL SUMMARY, QUICKSAND

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985
YELLOW HYBRIDS				
DEKALB-PFIZER DK689	174.9	18.5	85.2	0.6
JACQUES 8700	174.6	19.2	88.9	1.0
MCCURDY 7676	173.3	18.0	82.9	2.2
ZIMMERMAN Z27	172.5	18.0	88.0	2.7
ASGROW/O'S GOLD 2570	171.7	18.1	88.4	3.0
ZIMMERMAN Z28	170.9	17.8	88.4	1.6
AGRATECH GK925	170.1	18.9	83.3	1.3
CUSTOM FM SEED CFS8000	170.1	18.5	86.6	2.1
NORTHROP-KING PX95	169.5	20.1	91.2	1.1
COLBERT 326	169.5	17.8	90.7	2.0
D&H SEEDS DH9113	169.3	20.0	91.7	2.5
ADLERS 7905	165.7	18.3	94.9	2.0
GOLDEN AC. T-E 6998	165.4	18.6	89.4	1.6
PIONEER BRAND 3320	164.7	17.7	92.6	0.5
DENNIS DS642	163.7	17.6	84.3	8.6
PIONEER BRAND 3165	162.7	20.2	88.9	0.5
COLBERT 345	162.3	19.2	94.0	1.4
BO-JAC 905	161.6	18.2	92.1	8.1
SCOTT SEED LR880	161.4	18.9	91.7	2.5
SELECT SEED 8900	160.7	18.6	85.6	0.6
SELECT SEED 9131	160.7	18.8	90.3	8.1
STAUFFER S8818	160.4	19.9	86.6	4.8
RING AROUND RA1502	160.0	18.0	87.0	0.6
BO-JAC 674	160.0	18.1	88.9	0.5
PRINCETON SX870-A	159.9	19.1	84.7	0.5
ADLERS 88X	159.9	18.7	80.1	3.4
SO. STATES SS728	159.5	17.7	78.7	0.7
JACOBI 8850	158.7	18.4	82.9	1.9
NORTHROP-KING PX79	157.7	17.9	89.4	3.4
GOLDEN HARV. H-2686A	157.6	18.0	87.0	2.7
BECK'S 89X	157.4	18.2	83.3	1.5
ADLERS 6100	157.3	17.6	85.6	3.1
GOLDEN HARV. SP-7750	156.8	19.1	82.4	3.3
GOLDEN AC. T-E 6994	156.6	17.9	78.7	7.4
COKER 8625	156.4	17.7	87.0	2.7
GARST SEED 8344	155.5	18.7	83.8	1.6
STEWART S-6973	154.6	19.8	85.2	1.0
PIONEER BRAND 3377	154.4	17.4	94.0	2.5
BECK'S 85XA	154.1	19.6	78.7	0.0
RUFF'S R290	153.5	18.4	91.7	1.5
ASGROW/O'S GOLD RX788	153.2	17.8	88.0	0.0
CROW'S 690	152.7	18.5	83.3	3.4
D&H SEEDS DH7183	152.5	17.9	82.9	1.1
SUPER CROST 5438	152.5	17.2	91.7	4.4
JACQUES 8350	152.3	18.1	86.6	2.8
CAMPBELL C960	152.2	18.3	89.4	2.6
AGRIPRO HP555	151.6	18.1	85.2	8.7
COLBERT 340	151.5	19.1	84.7	0.0
GUTWEIN 2820	151.1	17.9	91.2	3.1
LEADER SX717	150.7	17.9	86.1	5.6
LEADER SX690	150.3	17.3	85.6	2.7
PAYMASTER 8990	149.8	18.6	88.4	3.9
DEKALB-PFIZER DK747	149.5	18.5	78.2	0.0
COLBERT 315	149.2	18.6	93.1	1.4
SUPER CROST 5460	149.2	17.8	81.0	1.6
DEKALB-PFIZER DK656	149.1	17.6	88.9	4.6
CAVERNDAL FM. CF6065	148.9	19.1	92.1	6.2
NORTHROP-KING PX9581	148.9	18.7	87.5	2.1
CROW'S SL75	148.4	17.8	80.6	1.6
CARGILL 967	148.4	17.8	87.0	5.1
FUNK'S G-4733	148.1	18.9	85.6	1.7
STAUFFER S7759	147.9	16.9	86.6	3.8
ASGROW/O'S GOLD RX777	147.8	18.7	91.2	4.1
USS AG-CHEM USS7001	147.2	16.7	85.2	2.1
SELECT SEED 8400	147.0	18.0	90.3	2.0
FUNK'S G-4522	146.9	17.9	87.0	2.8
ZIMMERMAN Z23	146.3	20.0	83.8	7.1
NORTHROP-KING PX9540	146.2	17.8	84.7	3.3
CARGILL 971	146.2	17.5	92.6	1.0
AGRATECH GK900	146.2	18.0	82.9	9.1

**TABLE 8.—QUICKSAND (continued)**

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985
<b>YELLOW HYBRIDS</b>				
P. A. G. SX352	145.7	17.2	85.2	2.7
AGRIGOLD A-6865	145.3	18.2	93.5	2.5
RUFF'S R334A	145.2	17.8	82.9	2.2
SELECT SEED 5177	145.0	18.1	75.9	5.0
JACQUES 8100	144.7	18.1	82.4	3.5
P. A. G. SX383	144.3	18.5	80.1	5.7
USS AG-CHEM USS8321	144.2	18.0	85.6	0.0
AGRIPRO AP655	143.9	18.4	87.0	3.6
ASGROW/O'S GOLD RX892	143.9	17.9	87.5	4.6
USS AG-CHEM USS8201	143.8	18.3	82.9	0.5
CUSTOM FM SEED E97008	143.5	18.5	84.7	1.1
JACOBI 6600	142.3	17.6	85.6	0.5
P. A. G. SX351	142.0	16.9	87.0	3.3
SCOTT SEED LR3364	141.8	17.6	85.6	1.1
CARGILL 980	141.3	18.0	82.4	3.4
AGRIPRO AP510	141.0	17.6	77.8	4.8
GOLDEN AC. T-E 6996	140.9	19.2	78.7	4.9
P. A. G. SX354	140.3	18.5	81.5	2.2
CROW'S 688	139.9	18.0	82.9	1.7
PIONEER BRAND 3378	139.6	17.9	80.6	0.0
PRINCETON SX860	139.2	19.4	85.2	1.0
JACOBI 6700	139.0	18.0	79.2	0.6
COKER 8680	138.8	18.2	87.0	1.1
AGRATECH GK850	138.4	18.4	93.1	8.8
JACQUES 8400	138.4	17.9	80.1	4.1
MCCURDY 7372	138.2	18.4	74.5	0.5
SCOTT SEED LR5241	137.8	17.9	80.1	10.3
AGRIGOLD A-6910	137.7	18.1	87.0	6.4
CUSTOM FM SEED W4100	137.2	19.1	87.0	5.9
AGRIPRO HP771	137.0	18.6	80.1	8.3
BO-JAC 607	136.5	18.0	92.6	6.1
SUPER CROST 7576	136.5	18.2	77.3	7.7
COKER 8575	135.9	16.5	80.6	1.2
GOLDEN HARV. H2675	134.8	18.5	85.6	3.8
FUNK'S G-4614	134.8	19.0	90.7	2.6
FUNK'S X5013A	133.8	17.4	82.4	1.1
SO. STATES SS811	133.5	18.0	84.3	2.7
STEWART S-8430	132.5	17.7	71.3	3.1
MCCURDY 84AA	131.9	18.7	74.1	4.5
STAUFFER S8500	131.6	18.3	82.9	8.4
SO. STATES SS737	131.4	17.8	87.0	1.7
STEWART SX77	129.0	17.3	84.7	6.1
DENNIS DS521	128.1	17.1	89.4	3.2
BECK'S 90X	125.5	19.1	87.0	1.6
DENNIS DS749	125.4	19.1	84.7	1.2
PRAIRIE STREAM SX730	124.1	18.3	86.6	1.6
PAYMASTER 7990	124.0	17.5	80.6	3.8
RING AROUND RA1404	123.0	16.0	79.6	0.0
STEWART S-8432	121.7	18.8	87.5	23.4
DEKALB-PFIZER T-1100	113.5	16.7	85.2	5.9
RUFF'S R200	91.4	16.2	88.0	2.0
<b>YELLOW AVERAGE</b>	<b>148.0</b>	<b>18.2</b>	<b>85.5</b>	<b>3.2</b>
<b>WHITE HYBRIDS</b>				
AGRIGOLD A-6795W	176.4	21.5	87.5	1.6
ZIMMERMAN Z14W	169.4	21.6	90.3	2.5
SO. STATES SS950W	146.5	19.4	89.8	1.1
VINEYARD SEED MV-424W	145.2	17.9	82.9	3.3
D&H SEEDS DH7230W	139.6	17.9	81.5	5.1
VINEYARD SEED MV-68W	137.3	20.4	81.5	1.6
VINEYARD SEED MV-58W	135.1	19.0	89.8	8.4
ZIMMERMAN Z11W	134.6	19.9	87.5	12.2
RING AROUND RA2606W	130.8	18.5	78.7	4.5
AGRIGOLD XA-944W	130.7	20.7	88.4	6.2
COKER 833W	124.0	19.8	82.9	2.0
<b>WHITE AVERAGE</b>	<b>142.7</b>	<b>19.7</b>	<b>85.5</b>	<b>4.4</b>
<b>GRAND AVERAGE</b>	<b>147.5</b>	<b>18.3</b>	<b>85.5</b>	<b>3.3</b>
LSD(0.10)	19.0	1.2	9.5	5.0
C.V.	9.3	4.8	8.2	112.7

**TABLE 9.—ANNUAL SUMMARY, NON-VIRUS LOCATIONS, 1985  
(Morganfield, Elkton, Shelbyville, Lexington, and Quicksand)**

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985
YELLOW HYBRIDS				
CARGILL 967	148.0	18.0	83.9	10.2
ZIMMERMAN Z28	145.7	18.4	82.0	5.3
BECK'S 89X	145.4	18.6	82.9	4.6
NORTHRUP-KING PX95	144.5	20.5	85.6	8.7
PIONEER BRAND 3320	144.4	18.5	86.3	5.7
ADLERS 88X	144.1	19.2	78.1	13.5
PIONEER BRAND 3165	143.3	20.5	86.9	5.9
GOLDEN HARV. SP-7750	143.1	18.4	79.3	4.9
BECK'S 85XA	143.0	19.6	76.6	10.0
GOLDEN AC. T-E 6998	140.9	19.2	80.8	5.9
GOLDEN HARV. H-2686A	140.4	18.4	79.8	7.7
AGRIGOLD A-6910	140.1	19.1	84.0	11.6
STAUFFER S8818	139.5	19.3	82.6	7.4
PAYMASTER 7990	139.4	18.0	80.8	4.0
COLBERT 345	138.9	20.1	83.9	11.4
P.A.G. SX352	138.5	17.9	81.7	7.6
CAVERNDAL FM. CF6065	137.9	19.5	84.6	10.2
ZIMMERMAN Z23	137.6	19.7	82.5	9.7
CAMPBELL C960	137.5	19.2	78.6	6.5
JACOBI 8850	137.5	18.8	82.4	4.1
D&H SEEDS DH9113	137.2	19.5	83.9	8.4
DEKALB-PFIZER DK689	137.2	18.7	84.5	6.4
ZIMMERMAN Z27	137.0	18.3	82.9	11.1
DENNIS DS642	136.9	18.2	76.9	9.5
MCCURDY 7676	136.6	17.8	81.8	7.5
COLBERT 326	136.5	18.0	86.0	9.6
PIONEER BRAND 3377	136.2	17.5	84.9	5.5
ASGROW/O'S GOLD 2570	136.0	18.0	80.1	8.2
GOLDEN AC. T-E 6996	136.0	19.6	80.7	6.6
PRINCETON SX870-A	135.9	19.6	79.4	5.3
ADLERS 7905	135.5	18.3	85.9	6.9
USS AG-CHEM USS8321	135.5	18.1	76.4	4.8
CARGILL 971	135.5	18.6	87.5	8.6
BO-JAC 905	135.3	18.7	83.7	6.8
ASGROW/O'S GOLD RX788	135.3	17.9	79.8	4.8
GARST SEED 8344	134.7	18.4	84.4	6.6
CUSTOM FM SEED E97008	134.3	19.0	83.2	5.1
CARGILL 980	134.3	19.6	80.7	8.3
AGRIPRO HP555	133.7	18.3	82.5	9.8
JACQUES 8350	133.3	18.9	80.0	3.8
STAUFFER S7759	133.3	18.1	79.8	8.6
SELECT SEED 9131	132.9	18.6	81.3	5.8
BO-JAC 674	132.7	18.5	83.3	9.4
P.A.G. SX351	132.6	18.0	81.1	10.0
AGRIPRO AP510	132.6	17.9	79.3	6.0
ASGROW/O'S GOLD RX777	132.4	18.5	81.8	11.1
SO. STATES SS728	132.3	17.9	82.1	5.4
JACQUES 8700	132.2	19.2	82.4	6.9
JACOBI 6700	131.8	18.8	75.8	4.1
JACOBI 6600	131.7	17.4	81.7	5.2
SCOTT SEED LR880	131.5	19.2	85.1	9.6
FUNK'S G-4522	131.4	18.2	81.4	7.3
DEKALB-PFIZER DK747	130.9	19.4	77.5	5.0
P.A.G. SX383	130.9	19.2	79.0	9.2
JACQUES 8100	130.7	17.9	78.7	11.5
RING AROUND RA1502	130.6	19.0	82.9	4.0
SUPER CROST 5438	130.5	17.8	84.7	10.2
NORTHRUP-KING PX9540	130.3	17.7	78.9	5.2
RUFF'S R290	130.3	18.5	82.1	5.1
NORTHRUP-KING PX79	130.2	18.2	84.5	6.1
NORTHRUP-KING PX9581	130.1	19.0	83.1	5.1
COLBERT 315	129.7	18.6	86.0	7.0
RUFF'S R334A	129.5	18.7	80.1	9.7
GOLDEN AC. T-E 6994	129.5	18.1	77.8	9.2
MCCURDY 84AA	129.2	19.0	80.3	9.1
BO-JAC 607	129.1	18.3	82.2	5.5
AGRATECH GK900	129.1	19.4	79.8	8.3
SELECT SEED 8400	129.1	18.6	84.2	9.4
BECK'S 90X	129.0	19.4	82.3	7.7
AGRIGOLD A-6865	128.9	18.9	85.5	4.3

TABLE 9.— NON-VIRUS LOCATIONS (continued)

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985
YELLOW HYBRIDS				
D&H SEEDS DH7183	128.8	19.1	82.7	3.5
FUNK'S X5013A	128.7	17.6	76.0	6.3
JACQUES 8400	128.4	19.2	78.9	7.3
SUPER CROST 5460	128.2	18.1	76.6	7.0
SCOTT SEED LR3364	128.2	17.3	80.9	5.0
CROW'S 688	128.2	19.3	83.0	7.0
COKER 8625	127.9	18.2	79.9	5.2
AGRATECH GK850	127.8	19.2	87.2	5.3
CROW'S 690	127.7	18.7	76.6	8.8
STEWART S-6973	127.7	19.4	78.8	7.9
ADLERS 6100	127.3	17.9	80.8	5.8
STAUFFER S8500	127.3	19.6	79.5	8.3
CUSTOM FM SEED CFS8000	126.4	19.0	80.2	7.6
CUSTOM FM SEED W4100	126.1	19.1	80.0	7.9
SELECT SEED 8900	126.0	18.8	82.0	5.5
P. A. G. SX354	126.0	18.4	80.0	5.2
FUNK'S G-4614	125.9	18.4	83.7	8.4
GOLDEN HARV. H2675	125.9	18.8	82.3	4.3
COKER 8680	125.8	19.3	81.2	7.3
SCOTT SEED LR5241	125.6	18.0	77.7	15.4
USS AG-CHEM USS7001	125.6	17.8	80.1	7.0
GUTWEIN 2820	125.4	18.7	82.3	6.8
DEKALB-PFIZER DK656	125.4	18.0	79.8	5.4
PRINCETON SX860	125.4	19.5	80.2	3.5
AGRIPRO HP771	125.3	19.0	78.6	9.6
ASGROW/O'S GOLD RX892	125.3	18.1	82.3	4.4
PAYMASTER 8990	125.2	19.8	81.1	9.0
USS AG-CHEM USS8201	125.2	18.2	79.1	8.5
LEADER SX690	125.1	17.7	84.2	9.0
COLBERT 340	124.9	19.0	80.9	6.6
AGRATECH GK925	124.9	19.2	80.1	8.8
AGRIPRO AP655	124.6	18.7	81.7	7.7
SO. STATES SS737	124.0	17.6	83.4	7.8
PRAIRIE STREAM SX730	124.0	19.0	79.1	5.9
PIONEER BRAND 3378	123.7	17.3	74.6	4.7
DENNIS DS521	123.4	17.8	85.5	3.9
COKER 8575	122.9	17.3	82.1	5.9
SUPER CROST 7576	122.7	19.4	73.9	9.2
SELECT SEED 5177	121.9	18.2	72.0	6.4
LEADER SX717	121.5	19.2	80.4	7.5
MCCURDY 7372	120.5	18.2	79.1	8.6
FUNK'S G-4733	120.5	19.5	76.6	2.2
CROW'S SL75	120.2	18.7	75.8	3.8
DEKALB-PFIZER T-1100	118.2	16.9	78.2	6.8
SO. STATES SS811	118.0	18.5	81.3	9.8
STEWART S-8432	117.7	19.7	81.1	16.0
DENNIS DS749	116.1	18.9	77.9	9.2
STEWART SX77	112.7	18.3	81.3	8.8
STEWART S-8430	109.0	17.9	70.0	5.9
RING AROUND RA1404	109.0	17.3	73.1	5.0
RUFF'S R200	98.5	16.7	78.3	7.6
YELLOW AVERAGE	130.2	18.6	81.0	7.3
WHITE HYBRIDS				
AGRIGOLD A-6795W	127.4	20.6	84.4	13.0
ZIMMERMAN Z14W	127.4	20.7	85.8	12.9
VINEYARD SEED MV-424W	119.8	18.4	77.2	8.0
COKER 833W	118.5	21.1	80.8	7.2
VINEYARD SEED MV-58W	115.5	19.5	83.2	12.6
RING AROUND RA2606W	113.6	20.0	75.7	8.5
SO. STATES SS950W	113.3	20.4	81.6	14.4
AGRIGOLD XA-944W	109.1	21.3	80.7	9.7
D&H SEEDS DH7230W	105.8	18.5	78.2	15.1
ZIMMERMAN Z11W	105.1	21.2	82.8	18.7
VINEYARD SEED MV-68W	104.4	20.7	78.4	11.7
WHITE AVERAGE	114.5	20.2	80.8	12.0
GRAND AVERAGE	128.9	18.7	80.9	7.7



**TABLE 10.—TWO-YEAR SUMMARY, NON-VIRUS LOCATIONS, 1984-1985  
(Morganfield, Elkton, Shelbyville, and Lexington)**

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 84-85	MOIST 84-85	STAND 84-85	LODGED 84-85
YELLOW HYBRIDS				
ASGROW/O'S GOLD 2570	144.0	19.4	83.6	5.8
DENNIS DS642	142.8	19.8	78.0	7.0
CARGILL 967	141.4	20.1	84.7	11.4
PIONEER BRAND 3320	139.0	20.2	85.5	5.5
STAUFFER S7759	138.9	20.2	84.8	5.6
ZIMMERMAN Z23	138.5	21.6	81.7	5.9
AGRIGOLD A-6910	137.9	21.0	80.8	10.2
AGRIPRO HP555	137.8	20.0	83.4	8.7
COLBERT 345	137.5	21.7	85.5	9.0
ADLERS 88X	137.5	21.6	78.7	11.5
COLBERT 326	135.6	20.3	86.9	8.2
RING AROUND RA1502	135.6	20.9	83.6	2.2
SELECT SEED 9131	135.4	20.8	83.7	4.0
P.A.G. SX351	135.1	20.3	82.4	6.9
D&H SEEDS DH7183	135.1	20.3	85.4	2.6
SUPER CROST 5438	135.0	20.0	86.1	8.2
NORTHROP-KING FX95	134.6	22.5	87.4	11.0
DEKALB-PFIZER DK747	134.3	21.2	79.9	4.7
FUNK'S G-4522	134.3	20.2	81.2	5.1
JACOBI 6700	134.2	20.4	77.5	4.0
BO-JAC 674	133.8	20.3	81.2	6.1
D&H SEEDS DH9113	133.8	21.4	83.6	6.1
AGRIGOLD A-6865	133.7	20.8	86.0	4.3
GOLDEN AC. T-E 6996	133.6	21.7	79.6	5.4
CAMPBELL C960	133.5	20.4	81.3	4.7
CAVERNDAL FM. CF6065	133.5	21.4	85.9	10.5
ZIMMERMAN Z27	133.2	20.2	82.9	11.6
SELECT SEED 8400	132.6	20.5	83.6	9.5
CARGILL 980	132.3	21.4	83.0	9.2
GOLDEN AC. T-E 6998	132.1	21.6	80.1	8.5
ASGROW/O'S GOLD RX777	131.6	19.4	81.1	8.0
COLBERT 315	131.4	20.1	85.9	10.7
SELECT SEED 8900	131.2	20.8	83.6	4.2
CROW'S 688	131.2	20.9	83.2	5.9
JACQUES 8100	131.2	19.9	82.3	8.6
GOLDEN HARV. H2675	131.1	20.9	82.4	4.1
SELECT SEED 5177	131.0	20.0	76.4	5.4
JACQUES 8400	130.0	21.1	82.5	5.4
SCOTT SEED LR880	129.8	22.0	82.3	8.4
STAUFFER S8818	129.5	21.9	83.1	7.2
PAYMASTER 8990	129.3	22.2	81.9	7.7
JACOBI 6600	129.2	19.0	84.0	3.6
P.A.G. SX383	129.0	21.8	80.9	6.5
COLBERT 340	129.0	21.0	83.8	5.5
AGRATECH GK925	128.7	21.4	80.2	6.6
CUSTOM FM SEED CFS8000	128.6	21.6	82.5	6.5
STEWART S-6973	128.2	21.1	77.5	5.2
P.A.G. SX354	128.2	20.9	82.5	4.5
NORTHROP-KING PX9581	127.8	21.1	81.4	4.0
MCCURDY 84AA	127.3	21.5	82.6	7.9
USS AG-CHEM USS7001	126.8	19.8	81.5	3.9
BECK'S 85XA	126.6	21.8	75.7	6.9
CROW'S SL75	126.5	20.8	76.5	3.2
AGRIPRO HP771	126.1	20.5	82.1	8.2
RUFF'S R334A	125.7	20.4	78.4	8.6

**TABLE 10.—TWO-YEAR SUMMARY (continued)**

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 84-85	MOIST 84-85	STAND 84-85	LODGED 84-85
AGRATECH GK900	124.7	21.5	81.5	7.2
BECK'S 90X	124.0	21.3	83.5	5.8
PRINCETON SX860	123.9	21.0	80.6	3.1
LEADER SX717	123.7	21.0	79.2	5.9
SO. STATES SS811	123.5	20.6	81.5	5.6
PRAIRIE STREAM SX730	123.1	21.1	78.6	3.5
CUSTOM FM SEED W4100	122.7	21.3	80.3	4.7
MCCURDY 7372	122.7	19.6	81.6	7.0
STAUFFER S8500	122.0	21.8	77.8	5.9
ADLERS 6100	120.4	19.8	78.4	4.5
FUNK'S G-4733	119.3	21.8	80.1	2.2
CROW'S 690	117.5	21.3	72.1	7.3
STEWART SX77	115.9	20.6	80.7	7.9
RING AROUND RA1404	115.7	19.0	79.2	4.6
DENNIS DS749	112.6	20.3	78.6	6.4
YELLOW HYBRIDS				
STEWART S-8430	102.4	20.2	70.0	3.8
YELLOW AVERAGE	129.8	20.8	81.5	6.4
WHITE HYBRIDS				
AGRIGOLD A-6795W	126.5	22.9	82.1	10.7
ZIMMERMAN Z14W	119.7	23.0	80.5	9.2
COKER 833W	114.6	24.5	81.8	7.6
RING AROUND RA2606W	113.1	23.0	80.4	7.4
VINEYARD SEED MV-58W	111.6	22.1	79.7	9.3
VINEYARD SEED MV-68W	111.1	23.5	82.4	8.5
SO. STATES SS950W	109.3	22.6	81.4	11.3
ZIMMERMAN Z11W	108.4	23.4	82.2	15.1
WHITE AVERAGE	114.3	23.1	81.3	9.9
GRAND AVERAGE	128.2	21.0	81.5	6.8

**TABLE 11.—THREE-YEAR SUMMARY, NON-VIRUS LOCATIONS, 1983-1985  
(Morganfield and Elkton)**

VARIETY	YIELD BU/AC 83-85	AVG % MOIST 83-85	AVG % STAND 83-85	TOTAL % LODGED 83-85
<b>YELLOW HYBRIDS</b>				
DENNIS DS642	128.9	20.5	76.5	5.0
ASGROW/O'S GOLD 2570	128.9	20.8	78.8	4.3
COLBERT 345	127.1	22.6	80.3	6.7
PIONEER BRAND 3320	125.5	21.3	82.6	5.0
ZIMMERMAN Z23	125.5	22.3	78.2	6.5
AGRIGOLD A-6910	125.0	21.7	80.6	11.1
CARGILL 980	124.5	22.7	80.7	7.0
COLBERT 315	124.2	20.9	84.5	7.3
CARGILL 967	124.1	20.4	81.2	7.4
ADLERS 88X	123.4	22.1	77.6	8.1
AGRIGOLD A-6865	123.4	21.6	79.3	3.6
D&H SEEDS DH7183	122.8	21.4	78.9	2.4
LEADER SX717	121.2	21.5	76.3	4.7
SELECT SEED 8400	120.4	21.1	82.1	6.5
COLBERT 340	120.1	21.5	81.2	4.5
JACQUES 8100	120.0	20.8	79.3	6.3
NORTHROP-KING PX95	120.0	23.4	82.2	9.5
RING AROUND RA1502	119.7	21.4	78.7	2.3
CAVERNDALE FM. CF6065	119.6	22.1	81.8	8.1
BO-JAC 674	119.4	21.0	76.8	4.9
DEKALB-PFIZER DK747	119.4	21.8	76.1	3.6
FUNK'S G-4522	118.9	20.4	77.7	4.7
D&H SEEDS DH9113	118.7	22.1	79.9	5.5
P.A.G. SX351	118.7	20.8	80.2	4.6
JACQUES 8400	118.0	22.0	78.5	4.3
MCCURDY 84AA	117.8	21.9	80.2	6.3
CAMPBELL C960	117.7	21.4	76.1	3.9
PAYMASTER 8990	117.6	22.9	76.4	4.9
P.A.G. SX354	117.6	21.4	78.1	3.5
JACOBI 6600	117.3	19.8	89.8	3.7
AGRATECH GK925	117.2	22.0	79.4	6.5
BECK'S 85XA	116.5	22.5	70.9	5.0
GOLDEN AC. T-E 6998	116.1	22.2	75.1	7.5
GOLDEN HARV. H2675	116.1	21.6	75.7	4.2
STAUFFER S8818	115.8	22.1	79.8	5.3
CROW'S SL75	115.7	21.4	75.2	3.2
RUFF'S R334A	114.6	21.3	77.6	6.1
USS AG-CHEM USS7001	114.4	20.7	78.0	3.5
CUSTOM FM SEED CFS8000	114.4	22.2	77.9	5.3
SELECT SEED 8900	114.3	21.0	77.6	5.8
FUNK'S G-4733	114.1	22.5	79.0	2.8
ASGROW/O'S GOLD RX777	112.6	20.5	76.7	8.0
PRINCETON SX860	112.5	21.4	79.3	2.9
STEWART S-6973	112.2	22.0	74.0	5.5
BECK'S 90X	111.9	22.4	77.3	4.0
SCOTT SEED LR880	111.7	22.7	77.9	6.5
CROW'S 690	109.3	22.3	69.5	6.2
PRAIRIE STREAM SX730	107.3	21.9	75.9	2.8
DENNIS DS749	107.2	21.2	78.0	5.1
SO. STATES SS811	106.6	21.5	74.9	5.1
STEWART SX77	103.7	21.3	73.0	5.9
<b>YELLOW AVERAGE</b>	<b>117.8</b>	<b>21.6</b>	<b>78.3</b>	<b>5.4</b>
<b>WHITE HYBRIDS</b>				
AGRIGOLD A-6795W				
ZIMMERMAN Z14W	109.4	23.8	78.0	8.7
COKER 833W	105.5	24.5	79.9	7.5
VINEYARD SEED MV-58W	104.4	22.7	79.5	6.7
RING AROUND RA2606W	103.0	23.9	78.0	5.2
SO. STATES SS950W	102.6	23.8	78.5	8.3
ZIMMERMAN Z11W	99.3	24.7	78.3	11.5
VINEYARD SEED MV-68W	93.9	23.7	76.5	7.8
<b>WHITE AVERAGE</b>	<b>102.6</b>	<b>23.9</b>	<b>78.4</b>	<b>8.0</b>
<b>GRAND AVERAGE</b>	<b>116.0</b>	<b>21.9</b>	<b>78.3</b>	<b>5.7</b>

TABLE 12.—CORN VIRUS TEST, FRANKFORT

VARIETY	YIELD	AVG %	AVG %	TOTAL %	VIRUS
	BU/AC 1985	MOIST 1985	STAND 1985	LODGED 1985	RATING 1985
YELLOW HYBRIDS					
FUNK'S G-4525A	133.5	20.1	79.6	3.0	0.0
USS AG-CHEM USS2315	124.8	20.6	82.9	2.2	0.0
NORTHROP-KING FX95	120.6	19.0	81.9	3.5	0.0
DEKALB-PFIZER DK689	119.5	20.6	80.1	7.1	0.0
SELECT SEED 9131	118.5	20.7	77.3	1.7	0.0
JACQUES 8250	117.6	19.3	86.1	5.3	0.0
ZIMMERMAN Z34	116.6	20.5	80.6	6.7	0.0
BECK'S 85MDM	113.5	19.9	81.5	2.9	0.0
JACOBI CX92	112.9	19.9	80.6	6.9	0.0
ADLERS 70X	111.5	19.6	79.2	4.7	0.0
MCCURDY 8225	109.4	19.8	81.9	2.8	0.0
AGRIGOLD XA-830	109.3	20.1	75.5	7.5	0.0
STAUFFER 8445	109.0	20.5	74.1	5.2	0.0
JACOBI 8850	109.0	20.6	78.2	6.7	0.0
FUNK'S G-4734	106.1	20.9	75.9	5.8	0.0
GOLDEN HARV. XC-918	103.6	19.0	76.9	8.4	0.0
SO. STATES SS815	103.0	20.4	79.2	6.0	0.0
GOLDEN AC. T-E 6945	102.7	20.4	74.5	4.9	0.0
JACQUES 8400	102.1	19.6	76.4	3.0	0.0
D&H SEEDS DH7150	102.1	21.0	75.0	4.5	0.0
AGRATECH GK875	101.5	19.9	78.2	7.4	0.0
PIONEER BRAND 3187	101.4	19.9	70.8	4.6	0.0
CAVERNDAL FM. CF1860	101.1	20.6	77.3	3.0	0.0
MCCURDY 83-40	101.0	19.7	76.4	6.3	0.0
P.A.G. SX17A	100.3	19.9	73.1	3.8	0.0
FUNK'S G-4740A	100.1	20.0	86.6	3.8	0.0
COKER 8696	99.8	19.7	90.7	4.1	0.0
SO. STATES SS767	95.9	20.4	80.1	6.1	0.0
P.A.G. SX16A	95.6	19.7	77.8	3.6	0.0
D&H SEEDS DH9228	93.0	20.0	73.1	7.2	0.0
DEKALB-PFIZER XL72B	91.0	19.9	75.5	7.2	0.0
PRAIRIE STREAM X2317	89.6	20.9	76.9	7.3	0.0
NORTHROP-KING X5914	88.8	20.2	70.4	8.4	0.0
PIONEER BRAND 3147	88.2	20.2	71.3	3.9	0.0
DEKALB-PFIZER DK789	86.3	20.4	69.9	2.7	0.0
ASGROW/O'S GOLD 5255	82.5	21.2	75.5	6.1	0.0
GOLDEN HARV. H2745	81.9	20.7	70.8	11.2	0.0
JACQUES JX227	81.4	20.4	65.7	7.2	0.0
FUNK'S G-4765	80.2	20.1	72.2	3.2	0.0
SUPER CROST 7795	80.1	20.7	67.1	8.7	0.0
RUFF'S R445	80.1	19.9	72.7	6.4	0.0
CHECK HYBRID YELLOW	76.8	20.7	74.1	9.4	0.0
SO. STATES SS710	72.4	20.5	62.5	4.0	0.0
YELLOW AVERAGE	100.3	20.2	76.4	5.4	0.0
WHITE HYBRIDS					
PRINCETON SX910W	107.2	19.6	81.9	1.7	0.0
ZIMMERMAN Z60W	101.6	19.7	76.4	4.9	0.0
VINEYARD SEED MV-88W	87.7	20.3	69.9	7.6	0.0
CHECK HYBRID WHITE	85.9	20.6	71.3	5.8	0.0
PRINCETON SP933W	85.8	21.3	75.0	5.1	0.0
STAUFFER 8820W	69.4	22.1	72.7	6.2	0.0
WHITE AVERAGE	89.6	20.6	74.5	5.2	0.0
GRAND AVERAGE	99.0	20.2	76.2	5.4	0.0
LSD(0.10)	28.2	1.6	11.6	5.2	
C.V.	21.2	6.0	11.3	71.4	

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