



# KENTUCKY HYBRID CORN PERFORMANCE TEST - 1984

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# 1984 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 1984 data are presented for the tests at each 1984 location considered to have reliable data. Data from several test locations are not available for this report. The Frankfort virus test was abandoned since it was severely damaged by midseason drought and corn rootworms. The Princeton test was not harvested because of severe herbicide damage and excessive rainfall during the harvest season. The Quicksand test was not harvested because of excessive rainfall during the harvest season.

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, 11) since these are better estimates of

a hybrid's relative 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 the three locations where data are available for 1982, 1983, and 1984.

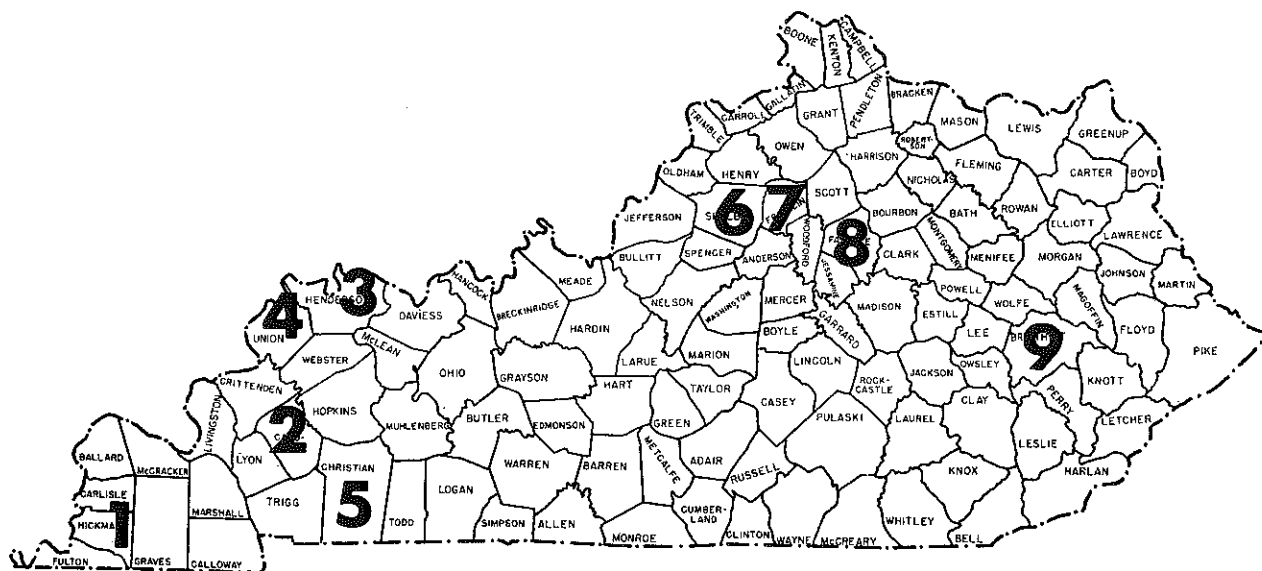
Comparisons between yields or other characters of any two or more hybrids should be made only with data from one table at a time. The testing procedures do not provide a suitable comparison between a hybrid grown at one location with another grown at a different location.

## TESTING PROCEDURE

### SELECTION OF HYBRIDS

The hybrids chosen for testing are those most likely to be available for sale in 1985. 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 1984 Kentucky Hybrid Corn Performance Test

## LOCATION OF TESTS

The map on page 3 shows the location for each test. The non-virus test sites were selected to represent different agroclimatic areas of the state where corn is a major crop 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 clover/grass 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.

## 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 an 8 x 8 lattice design 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 38 inches apart and 22 feet long. Each normal population, conventional tillage test was planted at the rate of 22,000 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 harvest.

## 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. Two locations (Frankfort and Henderson) were planted with 64 hybrids to evaluate resistance to the virus complex. The Frankfort test was abandoned because of midseason drought and corn rootworm damage. The Henderson test provided excellent yield evaluations but had minimal virus infestation. Virus ratings were not taken but yield data were collected and are presented in Table 12. Information and virus resistance may be obtained from Tables 14 and 15 in the Kentucky Hybrid Corn Performance Test—1982 (Progress Report 267).

## NOTES ABOUT THE GROWING SEASON

### GENERAL COMMENTS

The 1984 growing season was an improvement over the 1983 season but was far from perfect. Planting proceeded normally and most locations had normal mid-season weather. Exceptions were Shelbyville, Frankfort, and Lexington, where late July, August, and September precipitation was deficient. Although harvest began in September, not all tests could be harvested before the end of 1984. Specific observations and decisions about each test location are presented on the following page.

**CLINTON (Hickman County)**

The Clinton test was planted on May 14. Weed control was good. All test hybrids pollinated during the week of July 18. Disease and insect problems were minimal.

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

The Princeton test was planted on June 1. The hybrids grew well through the latter part of July, although a number of plots appeared to have some herbicide damage. Observations in August revealed severe lodging, ear and plant deformities, and poor seed-sets that presumably were caused by phytotoxic effects of the herbicide.

**MORGANFIELD (Union County)**

The Morganfield test was planted May 15. Weed control was good. Approximately 75% of the hybrids were shedding pollen on July 19. There did not appear to be any disease or insect problems.

**HOPKINSVILLE (Christian County)**

The Hopkinsville test was planted on May 16. Fall panicum and johnsongrass provided some competition. The test had good early growth with most hybrids shedding pollen on July 18. There were no apparent disease or insect problems.

**SHELBYVILLE (Shelby County)**

The Shelbyville test was planted no-till on May 18 in clover/grass stubble. Weed control was fair; climbing milkweed and/or field bindweed provided moderate competition. The test suffered drought stress as indicated by leaf-roll on July 20. Disease and insect problems were minimal.

**LEXINGTON (K.A.E.S.)**

The Lexington test was planted on May 18. Weed control was fair; climbing milkweed, field bindweed, and fall panicum provided moderate competition. The hybrids had good early growth, but limited rainfall during mid to late season reduced yields.

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

The Quicksand test was planted on May 22. Weed control was good. Maize Dwarf Mosaic Virus was present in johnsongrass and corn in some field areas. Disease and insect problems were considered minimal. The test has not been harvested because of excessive rainfall during the normal harvest season.

**HENDERSON (Henderson County)**

The Henderson test was planted on May 15. Weed control was fair with johnsongrass and climbing milkweed providing some competition. The growing season was good. Approximately 75% of the hybrids were shedding pollen on July 19. Maize Dwarf Mosaic Virus was present in johnsongrass; however, the corn hybrids did not show virus symptoms.

**FRANKFORT (Franklin County)**

The Frankfort test was planed on May 25. Weed control was good except for johnsongrass. Corn rootworms caused extensive damage to the test plots. Surviving plants suffered from severe drought. The test was not harvested because of the drought and insect problem.

**TABLE 1. — PRECIPITATION AT TEST LOCATIONS, 1984**

Month	Days	Location								
		Princeton	Clinton	Morganfield	Henderson	Hopkinsville	Shelbyville	Lexington	Quicksand	Frankfort
May	1-8	6.87	--		3.85					
	9-16	0.50	-- *		0.24*	*		4.20	6.94	
	17-24	1.00	0.76	0.80	0.28			0.48	0.55	
	25-31	1.10	1.30	0.75	0.69		1.54*	0.88*	0.36*	
	Total	9.47	2.06	1.55	5.06		1.83	0.58	0.87	*
						3.37	6.14	8.72		
June	1-8	0.16*	--	--	0.03					
	9-16	1.52	--	0.65	0.36		--	0.01	--	
	17-24	1.45	1.50	0.50	3.18		0.03	2.80	0.13	
	25-30	--	0.30	--	--		0.70	1.31	1.64	
	Total	3.13	1.80	1.15	3.57		--	0.73	0.98	
						0.73	4.85	2.75		
July	1-8	2.61	--	2.94	2.74					
	9-16	0.32	--	--	--			2.60	1.80	
	17-24	0.05	1.00	0.46	0.05			--	0.46	
	25-31	0.18	--	0.15	0.02			--	0.57	
	Total	3.16	1.00	3.55	2.81			0.90	1.09	2.23
							3.50	3.66	5.06	
August	1-8	0.76	1.24	0.75	0.08					
	9-16	1.97	0.63	--	0.35			0.30	0.73	
	17-24	1.23	--	0.25	0.79			0.38	1.06	
	25-31	0.70	--	0.20	0.76			0.90	2.74	
	Total	4.66	1.87	1.20	1.98			0.25	0.01	0.14
							1.83	1.36	4.67	
September	1-8	0.30	--	--	0.89					
	9-16	0.94	--	0.91	0.94			0.70	0.59	
	17-24	0.81	--	--	7.76			0.95	0.30	
	25-30	0.10	--	2.85	0.88			1.44	0.87**	--
	Total	2.15	--	3.76	10.47			0.10	0.28	1.56
							3.19	1.49	2.45	
October	1-8	1.79	-- **	1.00**	0.70**					
	9-16	0.39	--	--	1.67**	** <sup>1/</sup>		--	0.86	
	17-24	2.00	--	--	1.77			--	--	
	25-31	0.53	--	--	0.85			0.71	2.77	
	Total	4.71	--	1.00	4.99** <sup>2/</sup>			-- **	1.18	1.21
							0.71	4.05	4.84	
Grand Total		27.28	6.73	12.21	28.88		13.33	21.55	28.49	

<sup>1/</sup> One replication harvested 11/7.  
 \* = Date planted, \*\* = Date harvested.

<sup>2/</sup> Henderson test harvested 11/13 and 11/14.

**TABLE 2. — HYBRIDS TESTED IN 1984**

	Hybrid	Test*	Color	Cross**	Source
Adler's	70X	B	Yellow	2X	Adler's Seed Inc. Route 1 Sharpesville, IN 46068
	73X	B	Yellow	2X	
	88X	A	Yellow	2X	
	3015	A	Yellow	2X	
	6100	A	Yellow	2X	
AgraTech	GK868	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	
AgriPro	HP470	A	Yellow	2X	NAPB 5201 Johnson Drive P. O. Box 2955 Mission, KS 66201
	HP555	A	Yellow	2X	
	HP771	A	Yellow	2X	
Asgrow	RX114	A	Yellow	2X	Asgrow Seed Company Kalamazoo, MI 49001
	RX777	A	Yellow	2X	
	RX962W	A	White	2X	
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	
Bo-Jac	674	A	Yellow	2X	Bo-Jac Hybrid Corn Company R. R. #2 Mount Pulaski, IL 62548
	5623	A	Yellow	2X	
	7021	A	Yellow	2X	
Campbell	C755	A	Yellow	2X	Campbell Seed R. R. #3 Tipton, IN 46072
	C960	A	Yellow	2X	
Cargill	955	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
Coker	19A	A	Yellow	2X(Mod)	Coker's Pedigreed Seed P. O. Box 340 Hartsville, SC 29550
	21	A	Yellow	2X	
	833W	A	White	2X	

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

	Hybrid	Test*	Color	Cross**	Source
Colbert	315	A	Yellow	2X	Colbert Farms R. R. #2 Washington, IN 47501
	340	A	Yellow	2X	
	345	A	Yellow	2X	
	326	A	Yellow	2X	
Crow's	690	A	Yellow	2X	Crow's Hybrid Corn Company Route 2, Box 166 St. Joseph, IL 61873
	SL75	A	Yellow	2X	
	688	A	Yellow	2X	
Custom Farm Seed	8000	A	Yellow	2X	Custom Farm Seed P. O. Box 160 Momence, IL 60954
	EW98000	A	Yellow	2X	
	W4100	A	Yellow	2X	
D & H	DH7150	B	Yellow	2X	D & H Seeds & Services P. O. Box 623 Robinson, IL 62454
	DH7183	A	Yellow	2X	
	DH9113	A	Yellow	2X	
	DH9120	A	Yellow	2X	
	DH9228	B	Yellow	2X(Mod)	
DeKalb-Pfizer	DK747	A	Yellow	2X	DeKalb-Pfizer Genetics Sycamore Road DeKalb, IL 60115
	DK789	AB	Yellow	2X	
	EX369	B	Yellow	2X	
	T1230	A	Yellow	2X	
	XL71	A	Yellow	2X	
	XL72B	B	Yellow	2X	
	XL72BB	B	Yellow	2X	
	XL390B	A	White	3X	
Dennis	DS37A	A	Yellow	2X	Dennis Hybrid Company P. O. Box 487 Windfall, IN 46076
	DS42	A	Yellow	2X	
	DS49	A	Yellow	2X	
Funk's	G-4765	B	Yellow	3X	Funk's Seed International 1300 Washington Street Bloomington, IL 61701
	G-4858	B	Yellow	3X(Mod)	
	G-4522	A	Yellow	2X(Mod)	
	G-4525A	B	Yellow	2X(Mod)	
	G-4733	A	Yellow	2X(Mod)	
	G-4734	B	Yellow	2X(Mod)	
	G-4740A	B	Yellow	2X(Mod)	
	G-4779W	A	White	3X(Mod)	
	6024X	A	Yellow	2X(Mod)	
Gold Tag	GT4022	A	Yellow	2X	Ferry Morse Seeds P. O. Box 24 Geneseo, IL 61254
	GT-EX4045	B	Yellow	3X	



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

	Hybrid	Test*	Color	Cross**	Source
Golden Acres	T-E 6945	B	Yellow	2X(Mod)	Taylor-Evans Seed Company P. O. Box 68 Tulia, TX 79088
	T-E 6995	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	
	H2680	A	Yellow	2X	
	H2686	A	Yellow	2X	
	H2745	B	Yellow	3X	
	H2775A	A	Yellow	2X(Mod)	
Jacobi	6600	A	Yellow	2X	Jacobi Hybrids R. R. #1 McCordsville, IN 46055
	X8850	B	Yellow	2X	
	6700	A	Yellow	2X	
	8870	A	Yellow	2X	
	CX92	B	Yellow	2X	
	8950	B	Yellow	2X	
Jacques	8100	A	Yellow	2X	Jacques Seed Company Prescott, WI 54021
	8220	A	Yellow	2X	
	8400	AB	Yellow	2X	
	JX227	B	Yellow	2X	
Leader	SX717	A	Yellow	2X	Leader Seeds, Inc. 7160 S.R. 118 Celina, OH 45822
McCurdy	7372	A	Yellow	2X	McCurdy Seed Company Fremont, IA 52561
	83-22	B	Yellow	2X	
	84AA	A	Yellow	2X	
	8150	A	Yellow	2X	
	8225	B	Yellow	2X	
	7564	B	Yellow	2X	
Northrup-King	PX95	AB	Yellow	2X	Northrup-King & Company 1500 Jackson Street, NE Minneapolis, MN 55413
	PX9581	A	Yellow	2X	
	PX9692	A	Yellow	2X	
O's Gold	2570	A	Yellow	2X	O's Gold Seed Company P. O. Box 460 Parkersburg, IA 50665
	3344	B	Yellow	2X	
	5255	B	Yellow	2X(Mod)	
	2545	A	Yellow	2X	

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

	Hybrid	Test*	Color	Cross**	Source
P.A.G.	634W	B	White	3X	P-A-G Seeds P. O. Box 9480 Minneapolis, MN 55440
	SW17A	B	Yellow	2X	
	SX70W	B	White	2X	
	SX354	A	Yellow	2X	
	SX383	A	Yellow	2X	
	SX351	A	Yellow	2X	
Paymaster	8990	A	Yellow	2X	Paymaster Seeds P. O. Box 9493 Minneapolis, MN 55440
Pioneer Brand	3147	B	Yellow	2X(Mod)	Pioneer Hi-Bred International 221 North Main Street Tipton, IN 46072
	3160	B	Yellow	2X(Mod)	
	3184	A	Yellow	2X	
	3187	B	Yellow	2X(Mod)	
	3320	A	Yellow	2X(Mod)	
	3378	B	Yellow	2X(Mod)	
	3358	A	Yellow	2X	
	3192	A	Yellow	2X	
Prairie Stream	SX730	A	Yellow	2X	Prairie Stream Farms Route 3, Box 56 Frankfort, IN 46041
	X2317	B	Yellow	2X	
	SX720	A	Yellow	2X	
Premier	SX636	A	Yellow	2X	Premier Hybrids Route 15, Box 223X Acton, IN 46259
Princeton	SX860	A	Yellow	2X	Princeton Farms P. O. Box 319 Princeton, IN 47670
	SX870	A	Yellow	2X	
	SX910W	B	White	2X	
Ring Around	RA1502M	B	Yellow	2X	Ring Around Products, Inc. 12000 Ford Road Suite 300 Dallas, TX 75234
	RA1502	A	Yellow	2X	
	RA1604	A	Yellow	2X	
	RA2606W	A	White	2X	
	RA3605W	A	White	2X(Mod)	
	RA1404	A	Yellow	2X	
Ruff's	R230	A	Yellow	2X	Ruff's Seed Farms Amanda, OH 43102
	R334A	A	Yellow	2X	
	R445	B	Yellow	2X	
Scott Seed	LR220	A	Yellow	2X	Scott Seed Company, Inc. P. O. Box 849 New Albany, IN 47150
	LR880	A	Yellow	2X	
	LR3589	A	Yellow	2X	

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

	Hybrid	Test*	Color	Cross**	Source
Select Seed	8400	A	Yellow	2X	Select Seed Hybrids P. O. Box 54 Camden, IN 46917
	8900	A	Yellow	2X	
	5177	A	Yellow	2X	
	9122	A	Yellow	2X	
	9131	A	Yellow	2X	
	MDM75	B	Yellow	2X(Mod)	
Southern States	SS710	B	Yellow	3X	Southern States Coop., Inc. P. O. Box 26234 Richmond, VA 23260
	SS811	A	Yellow	2X	
	SS910	A	Yellow	2X	
	SS915	A	White	2X	
	SS950W	A	White	3X	
	EX 30878	B	Yellow	2X	
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-7324	A	Yellow	2X	Stewart's Hybrids, Inc. Princeville, IL 61559
	S-6586	B	Yellow	2X	
	S-6973	A	Yellow	2X	
	S-8430	A	Yellow	2X	
	SX77	A	Yellow	2X	
	S-8432	B	Yellow	2X	
Super Crost	5438	A	Yellow	2X	Edward J. Funk & Sons, Inc. Box 67 Kentland, IN 47951
	6762	A	Yellow	2X(Mod)	
	7795	B	Yellow	2X(Mod)	
	6340	A	Yellow	2X	
U.S.S. Ag. Chem.	USS2020	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	
	USS1218	A	Yellow	2X	
Voris Seeds	V2631	A	Yellow	2X	Voris Seeds, Inc. P. O. Box 457 Windfall, IN 46076
	V2641	A	Yellow	2X	
Vineyard Seed	MV48	A	White	2X	Vineyard Seed Co., Inc. P. O. Box 3458 Champaign, IL 61821
	MV68	A	White	2X	
	MV78	A	White	2X	
	MV58	A	White	3X	

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

	Hybrid	Test*	Color	Cross**	Source
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	
	Z30Y	B	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 1984 TEST LOCATIONS**

Location and Cooperator	Soil Type	Fertilizer Lb/A		Herbicide	Insecticide	Planting Dates	Harvest Dates	Comments
(1) Clinton, KY Steve Ward	Grenada Silt Loam	N	- 180	Sutan <sup>+</sup> and Aatrex	Furadan	May 14	October 1 & 2	
(2) Princeton, KY Western Kentucky Research and Education Center	Huntington and Lindside Silt Loam	N	- 150	Eradicane Extra and Bladex	Furadan	June 1	None	Heavy Herbicide Damage
(3) Henderson, KY Steve and Dan Gooch	DeKoven Silt Loam	N	- 210	Eradicane and Aatrex	None Applied	May 15	October 8, 13 & 14	
(4) Morganfield, KY Gerald Hunter and J.K. Waller	Wilbur Silt Loam	N	- 185	Sutan <sup>+</sup> and Aatrex	Furadan	May 15	October 3 & 4	
(5) Hopkinsville, KY Randy Arnold	Crider Silt Loam	N	- 183	Eradicane Extra and Aatrex	Furadan	May 16	October 10 & 11 November 7	
(6) Shelbyville, KY Mike Ellis	Elk Silt Loam	N	- 136	2-4D; Lasso; Bladex Aatrex and Crop Oil	Furadan	May 18	November 1 & 2	No-till Clover Stubble
(7) Frankfort, KY Wilbert and Roger Perkins	Huntington Silt Loam	N	- 150	Eradicane and Aatrex	None Applied	May 25	None	Insect Damage (Rootworm)
(8) Lexington, KY K.A.E.S. Spindletop Farm	Lanton Silt Loam	N	- 150	Eradicane Extra and Aatrex	Furadan	May 18	September 19, 20 & 21	
(9) Quicksand, KY Robinson Forest Station	Philo Silt Loam	N	- 150	Eradicane Extra and Lasso	Furadan	May 22	None	

TABLE 4. — ANNUAL SUMMARY, CLINTON

VARIETY	YIELD BU/AC 82-84	YIELD BU/AC 83-84	YIELD BU/AC 1984	AVG X MOIST 1984	AVG X STAND 1984	TOTAL X LODGED 1984
YELLOW HYBRIDS						
PIONEER BRAND 3320	112.3	136.0	169.8	22.4	89.5	0.0
AGRATECH GK900			165.6	23.1	91.0	4.7
GOLDEN AC. T-E 6998	114.5	138.1	164.6	23.6	84.3	4.0
AGRIGOLD A-6865		145.9	163.9	23.0	88.1	1.1
RING AROUND RA1502	126.2	139.8	163.9	23.0	86.2	0.0
CAVERDALE CF 6065		127.7	162.4	23.3	83.8	1.2
JACQUES 8220	110.1	135.1	162.2	23.3	82.4	1.2
PREMIER SX636	120.6	134.3	161.8	23.0	89.5	0.6
O'S GOLD 2570	122.1	138.4	160.1	20.6	85.7	0.5
FUNK'S G-4522	114.7	135.3	159.9	21.8	77.6	0.0
AGRIGOLD A-6910	122.6	132.1	159.9	22.5	80.0	2.3
SELECT SEED 9122	123.2	142.0	159.3	22.9	56.3	0.7
VORIS SEEDS V2641	105.5	129.1	158.6	22.8	82.9	5.0
CARGILL 955		112.1	157.3	20.7	81.9	1.1
DENNIS DS37A		140.0	157.0	22.4	87.6	1.1
ADLERS 88X	113.6	130.6	156.2	23.3	83.8	1.1
ZIMMERMAN Z27Y			155.9	21.9	81.4	0.6
MCCURDY 7372			155.5	22.1	85.2	0.6
PRINCETON SX870	102.6	127.4	155.3	23.9	69.5	2.9
COLBERT 315	119.2	136.1	155.3	20.6	84.8	8.0
JACQUES 8400		139.7	154.8	23.5	87.1	2.7
STEWART S-6973	102.9	127.6	154.7	22.8	78.6	1.8
SO. STATES SS911		133.2	154.3	22.8	88.1	0.6
D&H DH9113	109.5	133.4	154.1	23.7	86.7	0.0
DENNIS DS42	120.3	132.5	153.7	21.6	86.2	1.1
P.A.G. SX383			153.6	24.3	88.1	2.6
O'S GOLD 2545			153.6	21.3	79.0	0.0
SELECT SEED 8400	119.5	137.7	153.2	22.1	87.6	0.5
GOLDEN AC. T-E 6995	111.0	125.0	152.2	21.1	83.3	0.6
SELECT SEED 8900	114.7	134.6	152.2	23.1	80.0	0.0
AGRIPRO HP555			152.1	21.8	81.4	0.0
JACQUES 8100		137.8	151.0	21.0	81.4	0.0
COLBERT 326			150.5	22.3	90.5	4.7
SELECT SEED 5177			150.4	23.0	86.2	0.6
SUPER CROST 6762	109.2	124.7	149.6	24.0	88.1	0.0
CROW'S SL75		124.7	149.2	22.3	82.9	1.1
JACOBI 6700			149.2	22.2	80.5	0.0
COLBERT 345	115.8	126.4	149.2	24.3	85.7	0.0
SUPER CROST 5438			149.0	21.6	84.3	0.0
CAMPBELL C960	114.7	137.3	148.4	22.2	80.5	2.9
NORTHROP-KING PX9581			147.6	22.8	86.7	1.0
JACOBI 6600		134.7	147.5	20.6	82.4	0.0
COLBERT 340	110.2	125.5	146.9	23.2	81.0	1.7
DEKALB-PFIZER T1230	99.5	121.3	146.7	23.0	81.4	3.9
BO-JAC 674	112.2	125.0	146.6	22.9	78.6	0.0
CROW'S 688			146.3	21.5	82.9	1.2
COKER 21	105.9	131.9	146.1	24.5	79.0	6.0
LEADER SX717		128.6	145.4	22.3	84.8	1.7
D&H DH7183	118.7	130.0	145.0	23.8	84.3	1.7
MCCURDY 844A	108.8	122.6	144.9	23.6	84.8	1.6
AGRATECH GK868		119.2	144.8	24.2	86.7	4.5
USS AG-CHEM USS7001		127.1	144.6	21.2	87.6	1.6
SO. STATES SS910		115.3	144.6	22.4	81.0	2.4
DEKALB-PFIZER XL71	97.3	116.4	144.5	22.5	84.3	8.4
GOLDEN HARV. H2775A	108.6	127.7	144.6	23.6	81.4	4.8
STAUFFER S8818	105.4	123.5	144.5	23.3	84.8	3.8
CUSTOM FM SEED EN98000			144.0	23.0	80.5	3.3
CARGILL 980		124.4	143.8	24.5	83.3	2.9
GOLDEN HARV. H2675		122.9	143.3	23.1	82.9	2.2
RING AROUND RA1404			143.2	19.8	81.9	0.0
STAUFFER S7759			142.7	21.3	85.7	0.6
MCCURDY 8150	108.1	116.1	142.6	23.3	82.4	2.3
PIONEER BRAND 3358	94.2	116.2	141.8	23.3	80.0	0.0
BO-JAC 7021			141.5	22.7	82.4	0.6
CUSTOM FM SEED W4100			141.3	21.3	78.1	0.0
RING AROUND RA1604	104.8	125.0	141.1	23.2	86.2	1.6
CROW'S 690		128.8	140.8	23.9	79.5	2.3
SELECT SEED 9131			140.6	21.6	83.3	0.0
USS AG-CHEM USS2020	96.6	118.1	140.4	24.1	83.8	2.7
SCOTT SEED LR880	96.3	119.3	140.1	24.6	84.3	5.4
PAYMASTER 8990		131.1	139.7	24.6	74.3	1.9

TABLE 4. — CLINTON (continued)

VARIETY	YIELD BU/AC 82-84	YIELD BU/AC 83-84	YIELD BU/AC 1984	AVG % MOIST 1984	AVG % STAND 1984	TOTAL % LOGGED 1984
YELLOW HYBRIDS						
FUNK'S 6024X			139.6	22.9	80.5	1.9
VORIS SEEDS V2631	97.0	117.5	139.4	22.4	82.9	2.4
RUFF'S R230			138.7	21.4	76.2	0.0
ZIMMERMAN Z23Y		126.0	138.4	23.8	86.2	3.3
CUSTOM FM SEED CF58000		131.3	138.2	23.9	80.5	0.5
AGRIPRO HP771			137.8	23.8	81.9	2.2
PIONEER BRAND 3192			137.0	23.4	83.3	0.6
SO. STATES SS915	109.0	128.3	136.8	23.9	77.6	2.9
AGRIPRO HP470			136.6	20.2	82.9	1.0
CAMPBELL C755		121.7	136.5	21.6	82.4	0.0
DEKALB-PFIZER DK747	104.1	117.3	136.3	23.3	82.9	1.4
GOLDEN HARV. H2680	102.7	123.0	136.1	25.5	85.7	9.8
P.A.G. SX351	100.7	113.6	136.0	23.1	81.9	0.5
SCOTT SEED LR3589			136.0	21.6	73.3	0.6
ASGROX RX777	108.3	123.0	135.9	21.8	75.2	1.9
RUFF'S R334A	109.5	124.9	135.6	21.1	78.1	3.1
ADLERS 6100			135.6	22.4	85.2	0.0
AGRATECH GK925		112.7	135.5	15.5	55.8	1.2
GOLD TAG GT4022	102.8	113.1	135.0	22.8	82.4	1.7
D&H D49120		130.8	134.8	23.9	70.5	4.8
JACOBI 8870			133.5	23.7	81.4	1.2
PRINCETON SX860	99.9	107.3	133.4	23.0	76.7	2.5
PRAIRIE STREAM SX720			132.6	24.0	78.1	0.0
DEKALB-PFIZER DK789		115.3	130.6	18.9	53.4	1.3
STEWARTS S-7324			130.2	25.5	74.8	0.7
STAUFFER S8500			129.7	23.3	83.3	0.0
SUPER CROST 6340			129.2	21.0	79.5	0.0
DENNIS DS49	104.6	116.8	129.1	22.7	80.0	0.0
NORTHUP-KING PX95	95.6	111.9	128.9	26.8	71.9	1.9
STEWART SX77	102.1	114.8	128.7	22.5	80.0	2.5
GOLDEN HARV. H2686	100.6	114.3	128.4	24.2	75.2	5.0
P.A.G. SX354		108.1	128.3	23.1	86.2	1.7
COKER 19A	100.7	108.2	128.0	23.3	86.4	0.0
ADLERS 3015		103.3	126.4	20.0	78.1	1.1
CARGILL 967	99.6	112.7	125.2	22.2	85.2	0.5
SCOTT SEED LR220			123.9	16.5	93.8	0.0
USS AG-CHEM USS121B			123.6	21.9	80.5	2.5
BECK'S 90X	100.2	114.5	121.1	23.2	88.1	0.5
GOLDEN AC. T-E 6995			120.9	23.4	79.5	0.7
BO-JAC 5623			118.8	23.0	62.4	0.0
PRAIRIE STREAM SX730		104.0	118.7	22.8	84.3	0.0
FUNK'S G-4733	94.1	105.0	115.6	24.1	89.5	2.2
STEWARTS S-8430			110.3	22.1	72.4	0.6
NORTHUP-KING PX9692			108.2	25.7	84.8	1.8
PIONEER BRAND 3184	93.3	107.2	108.0	22.7	79.5	0.0
BECK'S 85XA		100.1	106.8	23.1	61.9	0.8
ASGROX RX114		97.8	94.1	23.6	79.0	1.1
YELLOW AVERAGE	107.7	124.0	141.9	22.7	81.3	1.6
WHITE HYBRIDS						
COKER 833W		111.4	148.6	26.1	83.8	2.8
VINEYARD SEED MV58		112.2	135.2	24.4	74.8	3.6
AGRIGOLD A-6795W			129.9	25.6	83.3	4.9
SO. STATES SS950W	102.6	116.2	128.9	27.0	81.4	7.5
RING AROUND RA3605W	94.4	116.2	127.5	25.3	81.9	2.9
ZIMMERMAN Z11W	93.1	113.0	125.1	27.6	81.9	3.4
RING AROUND RA2606W		105.7	125.1	26.7	81.4	4.1
VINEYARD SEED MV68		104.2	121.8	25.7	85.2	0.0
VINEYARD SEED MV48			119.4	22.2	79.0	5.4
FUNK'S G-4779W	89.0	100.7	118.2	27.7	81.4	1.1
ASGROX RX962W	88.7	105.2	117.6	27.6	78.1	4.5
ZIMMERMAN Z14W	96.8	110.7	113.4	23.8	76.7	4.8
VINEYARD SEED MV78	90.3	98.3	109.0	27.7	52.9	2.0
DEKALB-PFIZER XL390B	80.7	87.8	94.6	28.5	69.0	4.6
WHITE AVERAGE	92.0	106.8	122.5	26.1	77.9	3.7
GRAND AVERAGE	105.7	121.8	139.8	23.0	81.0	1.9
LSD			24.0	1.4	7.7	3.7
C.V.			12.8	4.3	7.0	145.1

**TABLE 5. — ANNUAL SUMMARY, MORGANFIELD**

VARIETY	YIELD	YIELD	YIELD	AVG %	AVG %	XTOTAL %
	BU/AC 82-84	BU/AC 83-84	BU/AC 1984	MOIST 1984	STAND 1984	LOGGED 1984
YELLOW HYBRIDS						
COLBERT 345	187.8	179.2	209.6	26.7	91.4	0.5
AGRATECH GK925		173.5	206.9	25.0	84.3	0.0
AGRIGOLD A-6865		166.7	205.9	24.5	88.1	0.6
CARGILL 980		185.5	204.5	26.1	87.9	0.0
VORIS SEEDS V2641	167.6	153.1	202.4	27.1	82.9	1.1
DENNIS DS42	179.7	178.6	202.2	15.3	52.5	0.1
USS AG-CHEM USS2020	177.8	166.8	199.8	26.7	85.2	0.0
CARGILL 967	182.4	178.6	199.4	24.4	83.3	0.6
D&H DH7183	174.3	171.1	195.1	24.2	86.7	0.0
P.A.G. SX351	170.0	158.0	195.0	24.2	88.1	0.0
COLBERT 315	177.6	164.6	194.7	23.2	89.5	0.6
80-JAC 7021			193.4	23.0	82.4	0.0
FUNK'S 6024X			192.9	23.3	83.8	1.7
PREMIER SX636	163.1	160.1	192.6	23.4	87.1	0.0
COLBERT 340	169.5	163.9	191.5	25.0	86.7	0.0
SELECT SEED 8400	169.0	164.6	191.3	23.5	84.8	1.6
ZIMMERMAN Z23Y		174.0	190.7	25.3	81.4	0.5
GOLDEN HARV. H2675		152.9	190.6	25.1	84.8	0.1
SUPER CROST 6762	167.2	165.9	190.2	26.1	88.1	0.0
ADLERS 88X	174.9	160.8	189.3	25.9	87.1	2.5
SELECT SEED 8900	161.1	153.0	189.0	23.4	84.4	0.0
AGRIPRO HP555			188.9	23.0	83.3	1.7
COLBERT 326			188.2	24.8	86.7	0.5
CROW'S 688			188.2	24.2	83.8	0.1
CUSTOM FM SEED CFS9000		158.0	187.0	27.5	81.0	2.3
RING AROUND RA1502	160.2	156.6	186.9	24.4	79.5	0.5
PIONEER BRAND 3184	159.9	153.3	186.6	26.2	81.4	0.0
SELECT SEED 9122	162.5	150.6	186.2	26.0	82.9	0.0
SELECT SEED 9131			186.1	25.3	79.0	3.5
SELECT SEED 5177			185.0	24.4	87.1	0.0
DEKALB-PFIZER DK747	180.8	171.4	185.0	24.8	80.5	0.0
STAUFFER S7759			184.4	25.5	91.9	0.5
CROW'S SL75		164.7	184.3	25.6	80.0	0.0
DENNIS DS37A		157.1	184.1	22.9	83.8	0.0
MCCURDY 8150	176.0	162.7	183.8	26.3	83.8	0.0
PIONEER BRAND 3320	166.5	165.2	183.6	26.5	81.4	0.0
O'S GOLD 2570	170.4	169.9	183.5	23.4	87.6	0.0
GOLDEN HARV. H2775A	152.6	155.9	183.5	25.8	75.2	0.0
RING AROUND RA1604	174.8	160.2	183.4	26.4	83.8	1.1
CUSTOM FM SEED EK98000			182.8	26.6	78.6	1.9
PAYMASTER 8990		172.7	182.5	27.8	81.0	1.2
D&H DH9113	159.6	147.9	182.4	25.0	82.4	1.1
JACQUES 8100		161.9	182.4	23.3	54.8	0.1
MCCURDY 7372			182.4	22.7	53.4	2.8
SCOTT SEED LR880	170.5	151.8	182.2	26.4	78.6	2.3
PIONEER BRAND 3192			182.2	24.5	82.9	0.0
P.A.G. SX354		160.9	182.1	24.9	86.2	0.5
AGRIGOLD A-6910	166.6	158.8	182.1	26.7	80.5	0.1
CAVERNDALE CF 6065		137.9	181.8	26.4	87.1	0.0
AGRATECH GK868		158.5	181.7	25.0	80.0	0.0
GOLDEY AC. T-E 6996			181.6	26.7	84.3	0.0
SUPER CROST 5438			181.0	24.4	80.5	0.0
GOLDEY AC. T-E 6998	154.2	145.5	180.9	26.2	84.1	0.6
ZIMMERMAN Z27Y			180.7	23.9	60.1	0.6
COKER 21	166.2	150.6	180.7	26.0	81.9	2.4
GOLDEY HARV. H2690	158.8	145.7	180.4	27.4	85.2	0.5
GOLDEY AC. T-E 6995	165.9	161.3	180.1	24.4	79.0	0.0
FUNK'S G-4522	157.6	151.5	179.9	24.3	84.3	1.1
AGRIPRO HP771			179.5	26.1	79.5	0.0
O'S GOLD 2545			178.9	24.3	84.8	0.0
DEKALB-PFIZER DK789		140.4	178.9	31.3	81.9	0.0
SO. STATES SS811		157.0	178.8	25.2	82.4	0.0
DEKALB-PFIZER XL71	164.3	150.8	178.7	23.9	86.7	0.6
STEWART SX77	152.2	148.9	178.5	23.8	80.0	4.8
80-JAC 674	163.5	160.2	178.4	24.0	82.9	0.0
LEADER SX717		160.7	178.0	23.1	82.4	0.5
SO. STATES SS910		143.4	177.9	25.5	89.0	3.2
ADLERS 3015		142.0	177.7	22.2	84.8	0.6
JACQUES 8400		158.0	177.7	25.5	86.7	1.2
AGRATECH GK900			176.8	25.9	82.4	1.1
STAUFFER S8818	166.7	141.3	176.3	28.4	84.3	1.8



**TABLE 5. — MORGANFIELD (continued)**

VARIETY	YIELD BU/AC 82-84	YIELD BU/AC 83-84	YIELD BU/AC 1984	AVG % MOIST 1984	AVG % STAND 1984	TOTAL % LODGED 1984
<b>YELLOW HYBRIDS</b>						
CAMPBELL C960	169.0	155.8	175.9	24.8	79.5	2.4
GOLDEN HARV. H2686	159.4	141.6	175.8	26.8	78.1	0.0
ASGROW RX777	149.2	149.2	175.7	22.9	80.5	0.0
PRAIRIE STREAM SX720			175.0	24.6	87.1	0.0
NORTHROP-KING PX95	155.1	145.0	174.3	30.7	85.7	3.4
SO. STATES SS915	165.0	161.7	173.7	27.0	59.1	1.7
P.A.G. SX383			173.0	27.1	78.6	0.6
MCCURDY 84AA	176.6	158.8	173.0	26.9	80.0	2.2
JACOBI 6700			172.5	25.6	72.4	0.7
DEKALB-PFIZER T1230	155.7	141.7	172.5	25.9	86.2	0.5
NORTHROP-KING PX9692			172.1	29.3	81.0	0.0
NORTHROP-KING PX9581			171.2	24.9	81.4	0.1
PIONEER BRAND 3358	155.7	149.3	170.9	23.3	73.8	0.0
BECK'S 90X	165.6	158.2	170.4	26.5	87.1	0.0
STAUFFER S8500			170.3	25.2	78.1	0.0
RUFF'S R334A	161.0	152.5	170.0	24.6	73.3	0.7
CARGILL 955		146.1	169.6	21.5	89.0	0.0
PRINCETON SX870	136.2	137.9	169.2	27.8	66.2	0.0
ADLERS 6100			168.9	22.6	75.2	0.0
PRAIRIE STREAM SX730		140.6	168.6	25.0	82.4	0.0
RING AROUND RA1404			168.3	21.7	84.8	0.0
PRINCETON SX860	153.4	150.3	167.7	24.1	81.9	0.0
CAMPBELL C755		143.8	166.7	21.5	77.6	0.0
STEWART S-6973	161.6	139.2	166.5	24.2	63.3	0.0
GOLD TAG GT4022	170.2	151.8	166.2	26.8	87.6	0.6
JACQUES 8220	159.0	153.4	166.2	25.3	79.0	0.6
FUNK'S G-4733	153.4	153.7	166.0	26.6	77.1	0.6
JACOBI 8870			166.0	27.0	78.1	0.0
SUPER CROST 6340			164.4	25.1	81.4	0.0
USS A9-CHEM USS7001		146.4	162.5	24.2	82.9	0.0
AGRIPRO HP470			162.2	22.0	83.3	3.4
VORIS SEEDS V2631	145.1	137.2	160.5	24.8	85.2	0.0
RUFF'S R230			158.1	22.3	76.2	0.0
SCOTT SEED LR3589			157.5	23.2	74.3	0.0
JACOBI 6600		148.4	156.4	21.6	83.8	0.1
BO-JAC 5623			155.9	23.3	68.6	0.0
CUSTOM FM SEED W4100			155.4	25.3	75.2	0.0
ASGROW RX114		130.8	154.7	26.1	81.0	1.7
USS A9-CHEM USS1218			152.6	22.2	77.1	1.3
STEWARTS S-7324			152.0	26.3	71.0	0.0
COKER 19A	147.2	141.7	151.3	26.2	75.2	1.3
D&H D49120		132.4	147.7	27.3	64.8	0.0
CROW'S 590		137.3	146.8	28.1	66.7	5.8
SCOTT SEED LR220			143.1	18.6	84.3	1.6
BECK'S 85XA		138.4	141.6	18.3	46.8	0.2
DENNIS 0849	142.5	132.0	138.1	24.4	72.4	0.0
STEWARTS S-8430			136.8	16.0	42.0	0.8
<b>YELLOW AVERAGE</b>	<b>164.3</b>	<b>154.6</b>	<b>177.2</b>	<b>24.8</b>	<b>80.0</b>	<b>0.7</b>
<b>WHITE HYBRIDS</b>						
VINEYARD SEED MV58		163.2	175.2	27.1	79.5	2.2
ZIMMERMAN Z11N	159.4	150.1	171.6	31.6	71.0	7.7
AGRIGOLD A-6795N			170.0	27.8	83.8	1.8
ZIMMERMAN Z14N	159.8	150.7	169.6	29.0	66.7	0.0
VINEYARD SEED MV68		142.7	167.1	31.1	75.7	0.0
COKER 833N		136.6	165.7	33.7	79.5	1.2
SO. STATES SS950N	153.1	139.7	159.7	28.3	82.9	0.0
ASGROW RX962N	145.2	122.6	158.6	31.0	75.2	5.3
FUNK'S G-4779N	145.4	132.0	156.9	28.4	74.3	0.6
RING AROUND RA3605N	143.8	137.8	153.2	29.8	80.0	2.7
VINEYARD SEED MV48			149.0	25.7	66.7	0.0
RING AROUND RA2606N		131.9	140.0	30.6	80.0	0.0
VINEYARD SEED MV78	127.9	115.0	117.8	30.8	46.7	0.0
DEKALB-PFIZER XL390R	129.0	104.7	104.4	36.2	61.9	8.0
<b>WHITE AVERAGE</b>	<b>145.4</b>	<b>135.6</b>	<b>154.3</b>	<b>30.1</b>	<b>73.1</b>	<b>2.1</b>
<b>GRAND AVERAGE</b>	<b>161.9</b>	<b>152.2</b>	<b>174.7</b>	<b>25.4</b>	<b>79.2</b>	<b>0.8</b>
LSD			20.3	2.0	8.8	2.9
C.V.			8.7	5.9	8.1	267.4

TABLE 6. — ANNUAL SUMMARY, HOPKINSVILLE

VARIETY	YIELD	YIELD	YIELD	AVG %	AVG %	AVG %
	BU/AC	BU/AC	BU/AC	MOIST	STAND	TOTAL %
	82-84	83-84	1984	1984	1984	1984
YELLOW HYBRIDS						
O'S GOLD 2570	145.6	136.9	159.7	19.0	92.4	1.6
PRAIRIE STREAM SX730		105.6	157.9	22.0	94.3	0.0
PIONEER BRAND 3184	132.3	123.2	155.1	21.3	89.0	0.5
RING AROUND RA1502	133.8	116.3	154.5	21.1	86.7	0.0
COLBERT 326			154.4	19.2	88.6	8.7
ZIMMERMAN Z23Y		125.7	153.9	21.0	91.4	0.5
DENNIS 0S42	145.0	128.6	153.4	20.0	86.2	0.6
COLBERT 315	142.8	133.0	153.3	20.1	90.0	5.7
JACOBI 8870			152.0	22.7	89.0	8.3
STAUFFER S7759			151.6	19.8	91.0	0.0
SELECT SEED 8400	137.1	124.3	150.8	20.3	87.6	0.5
P.A.G. SX351	125.4	110.8	150.4	12.6	62.5	0.1
AGRIPRO HP555			146.7	20.1	82.4	3.4
PAYMASTER 8990		116.9	146.7	16.3	60.6	3.9
FUNK'S G-4522	126.7	105.7	146.5	18.9	86.7	1.1
CROW'S SL75		126.6	146.2	21.8	85.7	2.3
SUPER CROST 5438			145.3	19.8	92.4	7.2
AGRIGOLO A-6910	119.1	102.1	145.1	20.6	86.2	10.0
CUSTOM FM SEED CFS8000		117.2	145.0	20.8	91.0	3.7
DEKALB-PFIZER T1230	109.2	115.4	143.9	21.6	89.0	2.7
AGRATECH SK925		112.6	143.6	20.7	87.6	2.8
JACQUES 8400		120.2	143.5	19.6	85.7	1.1
ADLERS 3015		114.7	143.2	20.8	89.5	3.0
ASGRON RX777	115.4	102.9	143.0	18.1	83.3	4.6
O'S GOLD 2545			142.5	20.0	93.3	0.5
SELECT SEED 5177			142.3	19.3	82.9	7.5
PIONEER BRAND 3192			142.1	20.3	89.5	6.7
PIONEER BRAND 3320	131.1	115.3	142.0	18.4	90.5	6.3
AGRIPRO HP470			142.0	19.1	95.7	1.5
NORTHROP-KING PX9692			141.1	22.2	89.5	4.3
CROW'S 688			140.9	20.6	90.0	4.9
CARGILL 967	125.5	109.2	140.7	19.3	85.2	5.0
RING AROUND RA1604	123.4	107.9	140.6	21.8	93.8	1.5
LEADER SX717		127.3	140.1	13.8	55.3	4.3
GOLDEN AC. T-E 6995	123.9	103.7	139.9	19.6	84.8	5.6
RUFF'S R230			139.6	18.9	84.3	1.1
SELECT SEED 9122	129.2	116.9	139.5	20.2	91.0	2.2
P.A.G. SX383			139.3	21.7	89.5	4.3
ASGRON RX114		107.0	138.7	19.9	85.7	20.5
NORTHROP-KING PX9581			137.7	19.7	83.3	3.5
SCOTT SEED LR880	119.6	105.4	137.6	24.0	81.9	13.7
DEKALB-PFIZER DX747	130.7	117.1	137.3	20.7	85.7	6.1
JACOBI 6700			137.2	19.2	82.9	4.6
CARGILL 980		116.8	136.9	23.0	90.5	9.3
D&H DM7183	127.3	113.3	136.3	19.6	93.3	1.5
JACQUES 8100		108.3	135.9	18.7	91.9	4.1
SUPER CROST 6762	126.1	110.3	135.3	20.6	88.6	2.2
USS AG-CHEM USS7001		112.4	135.2	19.8	88.6	0.0
SO. STATES SS811		98.1	135.2	21.7	85.2	1.7
CAVERNDAL CF 6065		110.8	134.5	21.2	91.0	0.0
RING AROUND RA1404			134.5	19.2	88.6	4.7
GOLDEN AC. T-E 6996			133.4	21.2	78.1	0.6
ADLERS 88X	116.9	104.7	133.3	21.6	90.0	4.4
FUNK'S 6024X			133.3	20.4	87.6	4.0
GOLDEN HARV. H2675		118.6	132.2	21.8	83.8	1.7
CUSTOM FM SEED #4100			131.8	20.6	91.0	3.3
ZIMMERMAN Z27Y			131.0	20.1	91.4	22.4
SCOTT SEED LR3589			130.7	19.2	74.3	0.0
SELECT SEED 9131			130.5	20.9	94.8	0.5
SUPER CROST 6340			129.7	19.8	83.8	1.2
JACOBI 6600		109.0	129.7	19.0	82.9	0.6
COLBERT 345	121.7	109.2	129.4	21.0	93.3	7.0
D&H DM9113	118.8	105.9	129.3	22.2	88.6	7.8
PRINCETON SX860	121.0	108.4	128.8	21.2	85.2	1.1
STEWART S-6973	119.7	103.8	128.7	19.9	82.9	2.8
VORIS SEEDS V2631	117.8	112.5	128.4	20.9	92.9	0.5
STEWART 8X77	126.6	104.5	127.9	21.4	92.4	0.0
COLBERT 340	127.7	110.0	127.7	20.6	91.4	5.2
SELECT SEED 8900	128.2	105.1	127.7	21.7	89.0	2.6
AGRIPRO HP771			127.7	19.3	91.0	3.1
SO. STATES SS910		105.2	127.6	21.1	89.5	6.4

TABLE 6. — HOPKINSVILLE (continued)

VARIETY	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	82-84	83-84	1984	MOIST	STAND	LODGED
YELLOW HYBRIDS						
AGRATECH GK868		96.6	126.9	20.2	90.5	3.8
P.A.G. SX354		111.4	126.8	14.7	58.2	0.6
CAMPBELL C960	117.4	106.3	126.7	18.2	89.0	0.0
COKER 21	118.2	110.2	126.6	21.3	96.7	4.0
BO-JAC 674	118.3	106.5	126.6	20.8	90.5	1.0
DENNIS DS37A		100.4	126.4	20.1	88.1	0.0
NORTHROP-KING PX95	116.6	112.4	126.3	20.5	92.9	16.2
BO-JAC 7021			125.8	18.9	73.8	2.0
GOLDEN HARV. H2775A	121.5	104.2	125.5	21.4	86.7	4.0
AGRATECH GK900			124.9	19.2	91.9	2.0
DEKALB-PFIZER XL71	110.8	83.8	124.7	20.8	93.3	5.2
COKER 19A	118.0	101.6	124.2	20.4	91.0	2.5
GOLDEN HARV. H2680	115.0	96.5	123.8	21.3	91.0	6.6
STAUFFER SB818	120.3	99.6	123.8	21.5	88.6	14.0
MCCURDY H4AA	113.5	103.8	122.9	23.3	85.7	10.4
RUFF'S R3344	117.8	106.2	121.9	19.9	82.4	8.3
D&H D49120		100.1	121.5	20.0	75.3	1.5
PREMIER SX636	117.5	97.8	121.4	21.4	84.8	2.9
CUSTOM FM SEED EN98000			121.4	20.2	88.6	6.0
STAUFFER SB500			121.3	22.2	81.9	1.0
VORIS SEEDS V2641	119.3	101.0	121.2	20.9	94.8	7.0
MCCURDY 7372			121.1	18.3	91.4	2.5
MCCURDY 8150	115.5	89.7	120.8	19.4	93.8	3.7
PIONEER BRAND 335B	115.7	98.2	119.8	20.3	79.0	2.4
AGRIGOLD A-6865		117.5	119.0	20.1	90.5	9.5
BECK'S 90X	108.2	101.8	118.4	20.9	85.2	2.3
GOLDEN AC. T-E 699B	117.5	98.7	117.7	22.3	78.6	25.3
SCOTT SEED LR220			116.9	16.7	85.2	7.2
GOLD TAG ST4022	116.1	101.7	116.6	20.4	92.4	5.6
SO. STATES SS915	106.3	94.8	116.3	21.7	78.1	10.8
CROW'S 690		97.8	116.1	20.8	79.0	1.8
STEWARTS S-7324			116.0	23.1	86.2	3.4
ADLERS 6100			114.5	19.5	89.3	0.0
CAMPBELL C755		106.5	113.0	18.3	58.2	2.3
DEKALB-PFIZER DK789		99.2	112.9	21.2	86.7	2.8
PRAIRIE STREAM SX720			112.0	20.1	89.0	5.3
USS AG-CHEM USS2020	106.4	89.2	111.3	20.4	91.0	10.0
DENNIS DS49	103.8	96.7	111.3	20.1	93.3	0.0
CARGILL 955		93.8	111.3	21.0	90.0	0.5
FUNK'S G-4733	118.3	104.8	109.7	20.8	93.3	1.5
JACQUES 8220	122.0	106.3	108.6	21.2	84.3	12.8
BO-JAC 5623			108.2	21.5	75.2	2.3
USS AG-CHEM USS1218			107.8	19.7	93.3	7.1
BECK'S 85XA		101.0	107.7	20.9	82.9	4.6
GOLDEN HARV. H2686	112.4	92.0	106.3	21.4	82.4	3.3
PRINCETON SX670	107.7	88.5	105.6	20.9	70.0	0.0
STEWARTS S-8430			98.9	20.6	83.3	0.0
YELLOW AVERAGE	121.1	107.7	131.2	20.3	86.4	4.2
WHITE HYBRIDS						
RING AROUND RA2606W		85.7	130.1	21.0	88.6	5.7
ZIMMERMAN Z14W	112.8	104.0	128.6	22.0	87.1	1.1
AGRIGOLD A-6795W			126.7	22.7	89.5	11.7
ZIMMERMAN Z11W	105.6	96.9	125.6	22.0	94.8	10.2
VINEYARD SEED MV68		97.1	122.8	23.1	99.0	3.3
RING AROUND RA3605W	108.4	93.2	122.3	21.6	80.0	9.2
SO. STATES SS950W	112.8	91.4	120.1	20.8	81.4	9.2
FUNK'S G-4779W	108.2	89.7	120.0	20.6	83.3	5.7
VINEYARD SEED MV48			113.5	20.0	82.9	11.7
COKER 833W		93.3	112.1	21.9	86.7	15.7
ASGROW RX962W	98.8	83.1	108.2	23.6	90.0	7.9
VINEYARD SEED MV58		80.6	101.4	20.5	84.8	0.0
VINEYARD SEED MV78	97.9	84.0	96.7	22.6	66.2	7.4
DEKALB-PFIZER XL390B	97.4	79.3	87.3	21.6	87.6	20.4
WHITE AVERAGE	105.2	89.9	115.4	21.7	85.9	8.5
GRAND AVERAGE	119.1	105.4	129.5	20.4	86.3	4.7
LSD			27.2	2.2	8.6	8.9
C.V.			15.7	7.9	7.3	138.9

TABLE 7. — ANNUAL SUMMARY, SHELBYVILLE

VARIETY	YIELD	AVG X	AVG X	TOTAL X
	BU/AC 1984	MOIST 1984	STAND 1984	LOSSED 1984
YELLOW HYBRIDS				
GOLDEN HARV. H2680	125.0	22.7	80.8	4.7
JACOBI 8870	124.2	21.6	74.4	6.1
SELECT SEED 5177	120.8	22.1	78.8	5.0
AGRATECH GK925	118.3	22.8	73.7	6.7
80-JAC 7021	117.9	20.6	66.0	4.7
ADLERS 6100	117.0	20.6	75.6	5.0
LEADER SX717	116.2	20.7	73.7	4.1
ZIMMERMAN Z27Y	116.1	21.0	68.6	4.4
80-JAC 674	115.7	22.7	69.9	7.7
DENNIS D842	115.6	19.9	71.2	6.3
USS AG-CHEM USS7001	115.0	20.8	78.8	4.9
P.A.G. SX351	113.2	21.9	82.1	3.3
AGNIGOLD A-6910	112.2	22.9	79.5	11.9
COLBERT 345	112.1	22.9	78.8	8.6
COKER 21	110.7	22.5	80.8	0.9
PRINCETON SX870	110.6	20.4	78.8	6.9
CROW'S 690	109.4	22.4	65.4	4.6
SUPER CROST 5438	109.2	21.5	48.3	6.8
CROW'S 688	108.4	20.2	83.3	6.9
COLBERT 340	108.2	21.0	83.3	3.9
PIONEER BRAND 3192	108.1	21.2	74.4	9.7
GOLDEN AC. T-E 6996	108.0	21.9	73.1	3.5
O'S GOLD 2570	107.5	21.0	63.5	5.0
JACQUES 8100	107.1	20.8	65.4	12.9
KING AROUND RA1404	107.1	19.0	82.1	5.4
VORIS SEEDS V2641	106.9	22.4	83.3	6.7
RUFF'S R334A	106.7	22.1	68.6	8.5
D&H DM9120	106.6	19.7	69.2	4.5
D&H DM1783	106.6	21.1	84.6	9.0
RING AROUND RA1502	106.5	21.4	83.3	4.8
RUFF'S R230	106.5	20.2	76.9	0.0
PRAIRIE STREAM SX730	106.5	21.7	75.0	3.4
PAYMASTER 8990	106.0	22.6	75.0	3.4
SELECT SEED 9122	105.7	21.6	70.5	2.9
SUPER CROST 6762	105.6	22.4	75.0	9.2
DENNIS D849	105.3	21.3	72.4	2.7
COLBERT 315	105.1	20.8	80.8	5.4
VORIS SEEDS V2631	104.6	21.1	79.5	0.0
COLBERT 326	104.5	20.9	83.3	0.0
CAVERDALE CF 6065	103.0	21.5	74.4	12.2
SELECT SEED 9131	102.8	20.9	76.3	0.0
FUNK'S G-4522	102.3	16.5	70.5	2.0
CUSTOM FM SEED EA98000	102.0	21.4	68.6	3.8
AGRIPRO HP555	101.9	19.4	69.9	7.1
SELECT SEED 8900	101.9	20.6	65.4	5.0
NORTHROP-KING PX9692	101.8	23.1	77.6	3.5
CARGILL 930	101.2	24.2	72.4	16.0
PREMIER SX636	100.9	21.8	67.3	3.7
AGRIGOLD A-6865	100.7	23.0	65.4	4.9
GOLDEN HARV. H2775A	100.6	22.1	81.4	13.5
ADLERS 88X	100.1	21.8	75.0	6.6
AGRATECH GK868	99.7	22.2	84.0	2.9
BECK'S 85XA	99.7	22.6	60.9	6.1
GOLDEN AC. T-E 6995	99.0	19.3	76.9	10.0
ADLERS 3015	99.9	18.9	75.0	6.0
80-JAC 5623	97.0	20.8	66.7	1.9
NORTHROP-KING PX9531	96.9	21.6	74.4	9.4
JACOBI 6600	96.3	20.3	71.2	9.0
CAMPBELL C960	96.0	21.9	69.9	12.5
AGRIPRO HP771	95.7	19.1	83.3	3.8
SELECT SEED 8400	95.2	20.2	75.6	4.0
CARGILL 967	94.3	21.0	76.9	7.5
STAUFFER S8500	94.0	20.2	64.1	2.9
AGRATECH GK900	93.9	19.2	82.1	2.1
80. STATES 88910	93.9	21.7	74.4	3.5
PRAIRIE STREAM SX720	93.7	21.8	64.7	0.8
CAMPBELL C755	93.5	19.9	80.1	1.5
MCCURDY 7372	93.3	21.1	75.6	2.7
GOLDEN HARV. H2675	93.2	21.1	70.5	3.8
PRINCETON SX860	93.2	19.7	73.7	7.0
PIONEER BRAND 3320	92.5	21.6	64.1	19.2

TABLE 7. — SHELBYVILLE (continued)

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1984	MOIST 1984	STAND 1984	LODGED 1984
YELLOW HYBRIDS				
DEKALB-PFIZER T1230	92.4	23.0	69.9	2.8
DEKALB-PFIZER DK789	92.3	22.5	73.1	4.3
P.A.G. SX354	91.3	21.0	80.1	4.0
GOLD TAG GT4022	90.8	22.8	68.6	6.8
RING AROUND RA1604	89.7	21.6	82.7	0.0
USS AG-CHEM USS2020	89.2	22.0	78.8	4.8
ZIMMERMAN Z23Y	89.0	22.8	62.2	0.8
JACQUES 8400	88.9	20.1	76.9	10.9
DEKALB-PFIZER DK747	88.7	22.3	67.3	2.1
NORTHROP-KING PX95	88.5	23.1	74.4	33.6
FUNK'S G-4733	87.8	21.6	75.6	19.6
CARGILL 955	86.9	19.4	73.1	4.4
CUSTOM FM SEED #4100	86.8	20.7	70.5	22.4
JACOBI 6700	86.3	21.7	66.0	10.1
COKER 19A	86.2	21.0	73.1	6.7
USS AG-CHEM USS1218	86.0	19.6	82.1	8.7
AGRIPRO H9470	85.8	18.5	73.7	6.0
SO. STATES SS915	85.1	21.7	76.3	31.3
GOLDEV AC, T-E 6998	85.0	22.1	71.8	2.7
MCCURDY 84AA	83.6	21.6	68.6	10.4
STEWARTS S-8430	83.0	21.7	66.0	5.7
P.A.G. SX383	82.9	22.5	75.0	6.9
STEWART SX77	82.9	23.2	66.7	16.5
BECK'S 90X	82.0	22.7	63.5	5.3
ASGROW RX777	81.9	19.2	73.1	7.0
DEKALB-PFIZER XL71	81.8	20.2	76.3	0.0
D&H DH9113	81.1	21.5	81.4	14.8
STEWART S-6973	80.8	19.3	70.5	15.7
SCOTT SEED LR880	80.2	23.8	69.9	2.2
FUNK'S 6024X	80.2	20.7	71.2	6.4
MCCURDY 8150	80.1	21.2	75.0	2.0
CROW'S SL75	79.6	20.5	55.1	9.0
ASGROW RX114	79.3	19.2	68.6	7.4
DENNIS DS37A	79.1	21.8	67.9	13.0
SCOTT SEED LR220	78.3	18.0	66.7	15.8
STAUFFER S8818	78.0	20.0	59.6	7.3
PIONEER BRAND 3358	77.3	20.3	68.6	1.5
JACQUES 8220	77.3	18.6	75.6	6.6
SCOTT SEED LR3589	76.7	20.5	56.4	11.4
SO. STATES S8811	75.0	21.7	53.2	8.9
PIONEER BRAND 3184	74.3	21.6	83.3	0.0
STEWARTS S-7324	74.2	24.9	63.5	3.1
CUSTOM FM SEED CFS8000	70.0	21.6	57.7	5.5
GOLDEN HARV. H2686	68.9	22.5	69.2	22.1
O'S GOLD 2545	67.0	21.4	43.6	4.3
SUPER CROST 6340	66.1	18.5	62.8	2.2
STAUFFER S7759	63.8	22.9	46.8	5.3
YELLOW AVERAGE	95.7	21.2	72.2	6.9
WHITE HYBRIDS				
COKER B33N	97.7	22.8	73.7	26.5
VINEYARD SEED MV58	89.8	21.0	71.2	11.5
VINEYARD SEED MV48	89.5	19.3	66.0	6.7
AGRIGOLD A-6795W	89.3	22.9	65.4	7.2
SO. STATES SS950W	86.7	24.6	74.4	12.1
RING AROUND RA2606W	86.0	23.9	81.4	5.0
ASGROW RX962W	82.4	23.9	77.6	12.5
VINFYARD SEED MV78	78.2	24.1	70.5	5.1
ZIMMERMAN Z11W	73.5	23.3	73.7	14.4
VINEYARD SEED MV68	69.3	19.9	81.4	0.7
RING AROUND RA3605W	68.5	25.1	74.4	22.2
DEKALB-PFIZER XL390R	59.2	23.0	65.4	11.8
FUNK'S G-4779W	51.4	23.9	62.2	30.8
ZIMMERMAN Z14W	49.2	22.7	47.4	53.8
WHITE AVERAGE	76.5	22.9	70.3	14.3
GRAND AVERAGE	93.6	21.4	72.0	7.7
LSD	29.7	1.6	16.6	10.5
C.V.	19.3	4.5	14.0	83.3

TABLE 8. — ANNUAL SUMMARY, LEXINGTON

VARIETY	YIELD	AVG %	AVG X	TOTAL X
	BU/AC 1984	MOIST 1984	STAND 1984	LOGGED 1984
YELLOW HYBRIDS				
G'S GOLD 2570	123.5	24.1	73.8	2.5
SUPER CROST 5438	121.5	25.3	82.9	8.4
D&H DM7183	119.6	24.2	80.0	1.7
STAUFFER S7759	118.6	25.0	80.0	0.5
DEKALB-PFIZER DK747	118.4	26.7	78.1	5.3
SELECI SEED 8900	117.3	26.2	81.9	4.5
AGRIGOLD A-6865	116.9	26.6	40.6	3.4
PAYMASTER 8990	116.5	26.9	67.1	5.5
CROW'S 688	116.3	25.1	68.6	3.0
AGRIPRO HP555	115.6	24.4	77.6	10.8
JACQUES 8220	115.3	24.7	72.9	6.4
DENNIS DS42	114.3	23.8	68.1	9.0
GOLDEN HARV. H2675	113.5	25.7	69.5	6.0
GOLDEN HARV. H2775A	113.3	26.2	74.3	2.0
CARGILL 980	113.3	25.8	83.3	14.4
DENNIS DS37A	113.0	25.7	71.9	1.5
COLBERT 340	112.7	26.1	79.0	5.9
SUPER CROST 6762	112.5	26.0	81.9	4.4
COLBERT 345	111.3	26.2	76.2	5.4
USS AG-CHEM USS1218	111.1	24.6	86.2	1.2
STEWART S-6973	110.7	27.9	71.4	1.1
BO-JAC 674	110.3	25.0	60.0	0.0
RING AROUND RA1502	110.2	27.0	77.6	0.0
DENNIS DS49	110.2	23.3	68.6	0.0
LEADER SX717	110.1	26.4	66.2	3.6
JACOBI 6700	109.9	25.0	71.0	3.8
COKER 21	109.7	25.2	68.6	6.5
ZIMMERMAN Z23Y	109.1	27.1	64.3	0.0
COLBERT 326	107.9	27.1	80.0	5.8
FUNK'S G-4733	107.9	27.2	81.0	4.9
FUNK'S G-4522	107.7	25.8	65.2	2.6
P.A.G. SX383	107.3	28.5	54.8	2.3
SELECT SEED 9131	107.2	25.8	74.3	0.0
JACQUES 8100	106.9	27.1	76.7	1.2
P.A.G. SX351	106.8	26.5	71.4	4.5
COLBERT 315	106.7	23.8	78.6	39.3
GOLDEN HARV. H2680	106.6	26.4	71.9	1.9
AGRIGOLD A-6910	106.4	24.4	64.3	9.2
SUPER CROST 6340	106.3	26.4	65.2	1.4
MCCURDY 84AA	106.2	25.5	83.3	3.3
SELECT SEED 5177	105.9	24.3	71.4	2.9
MCCURDY 7372	105.6	24.6	71.9	5.9
VORIS SEEDS V2631	104.6	24.4	82.9	9.3
AGRIPRO HP771	104.5	24.0	80.5	8.5
CAMPBELL C755	104.2	25.2	79.5	3.5
MCCURDY 8150	103.8	27.3	81.9	6.5
USS AG-CHEM USS7001	103.4	25.8	73.3	0.0
JACOBI 8870	102.5	26.1	76.7	8.3
ZIMMERMAN Z27Y	102.4	26.2	66.4	7.8
FUNK'S 6024X	102.3	27.2	77.1	2.8
PIONEER BRAND 3320	102.1	23.8	77.6	7.4
GOLDEN AC. T-E 6996	101.9	27.4	68.1	6.4
JACOBI 6600	101.7	23.5	74.8	3.0
SO. STATES SS910	101.6	26.0	72.4	11.8
NORTHROP-KING PX95	101.6	26.1	84.8	16.9
CARGILL 955	101.2	24.6	77.6	6.3
DEKALB-PFIZER XL71	100.8	26.7	78.6	3.8
PREMIER SX636	100.3	26.5	67.6	2.9
NORTHROP-KING PX95B1	100.2	27.5	63.8	2.0
SO. STATES SS915	100.0	28.0	73.3	2.5
CUSTOM FM SEED CFS8000	99.9	27.7	77.1	7.2
AGRATECH GK925	99.6	28.4	58.6	2.2
PIONEER BRAND 3358	99.6	25.5	79.5	1.1
CAVERNOALE CF 6065	99.4	25.7	77.1	25.0
USS AG-CHEM USS2020	99.4	27.1	66.2	1.4
AGRATECH GK868	99.3	26.7	74.8	4.2
CAMPBELL C950	99.2	24.9	77.6	5.2
BECK'S 90X	99.1	25.0	75.2	3.0
P.A.G. SX354	99.1	27.7	73.8	6.6
PIONEER BRAND 3192	99.1	25.2	66.7	4.7
GOLDEN HARV. H2686	98.9	28.4	71.9	10.8

TABLE 8. — LEXINGTON (continued)

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC	MOIST	STAND	LOADED
	1984	1984	1984	1984
<b>YELLOW HYBRIDS</b>				
D&H DH9113	98.9	25.8	68.6	0.1
SELECT SEED B400	98.8	26.0	70.0	22.4
SCOTT SEED LR880	98.7	27.4	71.9	4.3
D&H DH9120	98.4	28.5	62.4	4.0
SELECT SEED 9122	98.3	25.3	81.4	1.5
BO-JAC 7021	97.8	26.5	66.7	5.9
SO. STATES SS811	97.4	24.0	68.6	0.0
ADLERS 6100	97.3	25.3	61.0	4.2
O'S GOLD 2545	96.9	25.5	63.3	0.0
GOLDEN AC. T-E 6998	96.5	26.8	64.3	6.2
JACQUES 8400	96.2	26.9	80.0	3.9
STAUFFER S8818	95.8	27.6	72.9	4.6
ADLERS 88X	94.6	27.6	60.5	12.8
CARGILL 957	94.5	25.3	82.9	29.4
RING AROUND RA1604	94.1	28.9	70.5	22.6
SCOTT SEED LR3589	93.8	24.9	59.0	0.0
CUSTOM FM SEED W4100	93.8	27.3	64.3	2.9
ASGROW RX777	93.8	22.7	66.7	0.0
PIONEER BRAND 3184	93.7	24.9	80.5	0.0
DEKALB-PFIZER T1230	93.6	28.0	70.0	8.6
PRINCETON SX850	93.3	25.0	72.9	7.0
PRAIRIE STREAM SX720	93.0	26.5	71.0	0.7
DEKALB-PFIZER DK789	93.0	27.9	69.5	0.0
RUFF'S R334A	92.8	25.0	67.1	5.7
CROW'S SL75	91.3	24.7	62.4	7.8
STEWARTS S-7324	91.2	28.0	61.9	3.2
AGRATECH GK900	90.4	28.8	68.1	9.2
VORIS SEEDS V2641	89.9	26.9	58.1	0.7
BO-JAC 5623	89.4	26.1	62.9	1.3
COKER 19A	89.3	26.4	67.6	1.4
GOLD TAG GT4022	89.2	28.7	71.9	6.2
STAUFFER S8500	89.0	28.7	64.8	2.0
RING AROUND RA1404	88.5	22.9	78.1	5.2
NORTHROP-KING PX9692	88.1	28.5	68.6	3.1
AGRIPRO HP470	87.4	23.4	76.7	7.7
GOLDEN AC. T-E 6995	86.7	25.0	71.4	1.5
BECK'S 85XA	86.5	26.5	62.9	0.0
ADLERS 301S	85.3	23.8	74.8	4.7
PRINCETON SX870	84.4	27.0	60.5	15.8
STEWART SX77	82.9	27.1	55.2	10.6
CROW'S 690	81.7	26.6	44.8	2.3
CUSTOM FM SEED EN98000	80.2	27.0	52.4	3.8
STEWARTS S-8430	78.5	26.1	57.6	0.0
PRAIRIE STREAM SX730	75.8	26.7	58.6	2.4
ASGROW RX114	74.3	27.1	82.9	18.2
RUFF'S R230	71.9	16.5	42.9	19.6
SCOTT SEED LR220	33.1	17.0	41.0	0.1
<b>YELLOW AVERAGE</b>	<b>100.2</b>	<b>25.9</b>	<b>70.5</b>	<b>5.6</b>
<b>WHITE HYBRIDS</b>				
RING AROUND RA2606W	103.2	20.3	57.7	8.1
AGRIGOLD A-6795W	100.1	28.4	54.3	6.9
VINEYARD SEED MV68	97.2	28.7	78.6	5.9
ZIMMERMAN Z11W	94.4	29.6	80.0	4.5
VINEYARD SEED MV48	91.4	26.2	59.0	9.9
COKER 833W	89.8	33.4	77.6	2.1
ZIMMERMAN Z14W	81.7	29.0	64.8	3.4
ASGROW RX962W	80.3	32.5	66.2	6.0
RING AROUND RA3605W	80.1	30.9	71.0	4.3
SO. STATES SS950W	74.9	29.6	70.5	6.0
VINEYARD SEED MV58	71.6	30.4	33.4	1.2
FUNK'S G-4779W	64.3	30.6	63.3	2.2
VINEYARD SEED MV78	61.2	34.3	47.6	2.6
DEKALB-PFIZER XL390B	41.1	32.9	62.9	1.9
<b>WHITE AVERAGE</b>	<b>80.8</b>	<b>29.8</b>	<b>63.3</b>	<b>4.6</b>
<b>GRAND AVERAGE</b>	<b>98.1</b>	<b>26.3</b>	<b>69.7</b>	<b>5.5</b>
LSD	16.6	2.3	10.7	11.1
C.V.	12.6	6.6	11.3	148.8

**TABLE 9. — ANNUAL SUMMARY, NON-VIRUS LOCATIONS, 1984**

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1984	MOIST 1984	STAND 1984	LODGED 1984
YELLOW HYBRIDS				
DENNIS DS42	150.1	20.1	72.9	3.2
O'S GOLD 2570	149.7	21.7	81.8	1.7
RING AROUND RA1502	147.1	23.5	82.6	0.8
COLBERT 315	145.7	21.8	85.0	12.0
COLBERT 345	144.5	24.3	85.5	4.0
AGRIGOLD A-6865	144.2	23.5	75.2	3.8
AGRIPRO HP555	143.8	21.9	79.6	4.4
COLBERT 326	143.7	23.0	86.0	4.2
AGRIGOLD A-6910	143.2	23.5	78.0	6.3
SUPER CROST 5438	143.1	22.7	81.0	4.6
D&H DM7183	142.9	22.7	85.9	2.3
AGRATECH GK925	142.4	22.4	71.9	2.3
SELECT SEED 5177	142.3	22.6	81.5	3.0
CROW'S 688	142.3	22.5	81.6	3.0
P.A.G. SX351	142.2	21.7	76.8	1.7
FUNK'S G-4522	141.9	21.8	77.3	1.3
ZIMMERMAN Z27Y	141.5	22.5	74.5	8.0
PIONEER BRAND 3320	141.2	22.6	81.8	5.7
SUPER CROST 6762	141.0	23.9	85.0	2.7
SELECT SEED 8400	140.9	22.6	81.5	5.9
PAYMASTER 8990	140.6	23.7	71.3	3.1
SELECT SEED 8900	140.2	23.2	81.3	2.2
SELECT SEED 9122	140.1	23.3	76.8	1.3
ZIMMERMAN Z23Y	139.6	24.1	78.2	1.0
LEADER SX717	139.5	21.3	72.4	3.0
COLBERT 340	139.5	23.4	84.4	3.3
JACQUES 8100	138.8	22.3	74.7	3.0
CAVERNDALE CF 6065	138.6	23.7	83.3	7.6
CARGILL 980	138.0	24.7	84.0	8.6
PREMIER SX636	137.9	23.3	80.1	1.9
VORIS SEEDS V2641	137.9	24.1	80.2	3.9
GOLDEN HARV. H2675	137.5	23.5	78.8	2.7
ADLERS 88X	137.2	24.2	79.6	5.4
STAUFFER S7759	137.1	22.9	81.4	1.1
BO-JAC 674	136.9	23.1	76.8	1.3
COCKER 21	136.5	24.0	81.4	4.2
BO-JAC 7021	136.5	22.5	74.8	2.5
JACOBI 8870	136.4	24.4	80.3	4.7
DEKALB-PFIZER DK747	136.3	23.6	79.7	3.0
GOLDEN HARV. H2775A	135.8	23.9	79.7	4.2
DENNIS DS37A	135.7	22.6	80.7	2.4
SELECT SEED 9131	135.6	23.0	81.9	0.9
PIONEER BRAND 3192	135.5	23.0	79.7	4.0
JACQUES 8400	135.3	23.3	83.7	3.4
GOLDEN HARV. H2680	135.0	24.8	83.1	4.7
P.A.G. SX383	134.7	25.0	77.4	3.1
MCCURDY 7372	134.3	21.8	75.5	2.9
JACOBI 6700	134.2	22.8	75.1	3.4
GOLDEN AC. T-E 6995	133.9	22.1	79.3	3.1
CROW'S SL75	133.7	23.2	74.5	3.7
CARGILL 967	133.4	22.5	83.1	9.7
USS AG-CHEM USS7001	133.3	22.5	82.5	1.0
FUNK'S 6024X	133.2	23.1	80.7	3.1
NORTHRUP-KING PX9581	133.1	23.4	78.2	2.8
AGRATECH GK900	132.9	23.5	83.2	4.0
AGRATECH GK868	132.7	23.8	83.1	3.1
RING AROUND RA1604	132.6	24.6	83.4	5.7
D&H DM9113	132.6	23.8	81.5	4.0
DEKALB-PFIZER T1230	132.5	24.4	80.0	3.7
CUSTOM FM SEED CFS8000	132.2	24.5	78.9	3.7
O'S GOLD 2545	132.1	22.6	74.9	0.7
GOLDEN AC. T-E 6998	132.1	24.3	77.8	9.1
SO. STATES SS811	131.9	23.2	77.1	1.8
STEWART S-6973	131.7	23.1	73.5	3.5
CAMPBELL C960	131.6	22.4	80.0	4.0
SO. STATES SS910	131.6	23.5	81.8	5.6
AGRIPRO HP771	131.4	22.7	83.2	3.9
SCOTT SEED LRA80	131.1	25.3	77.8	5.8
USS AG-CHEM USS2020	130.8	24.2	81.2	3.7
GOLDEN AC. T-E 6996	130.7	24.3	76.9	2.2
RING AROUND RA1404	129.8	20.6	83.2	3.1



TABLE 9. — NON-VIRUS LOCATIONS (continued)

VARIETY	YIELD	AVG %	AVG %	AVG %
	BU/AC	MOIST	STAND	LDGED
	1984	1984	1984	1984
<b>YELLOW HYBRIDS</b>				
MCCURDY 8150	129.5	23.7	84.0	3.0
JACQUES 8220	129.4	22.9	79.1	5.4
DEKALB-PFIZER XL71	129.3	23.0	84.4	3.9
ASGRDN RX777	129.2	21.1	75.9	2.4
MCCURDY 844A	129.1	24.4	81.3	5.2
VORIS SEEDS V2631	129.1	22.8	85.0	2.6
JACOBI 6600	128.4	21.0	79.6	2.1
ADLERS 6100	128.3	22.4	76.5	1.7
ADLERS 3015	128.3	21.3	80.8	2.9
CARGILL 955	128.0	21.6	83.0	2.3
P.A.G. SX354	128.0	22.4	76.7	2.6
CUSTOM FM SEED EN98000	127.8	23.8	74.1	3.8
STAUFFER 88818	126.9	24.5	79.3	6.2
RUFF'S R334A	126.7	22.6	74.3	5.0
NORTHRUP-KING PX95	126.4	25.6	82.5	13.0
PRINCETON SX870	126.0	24.3	68.3	5.0
AGRIPNO HP470	125.5	20.8	83.1	3.8
PRINCETON SX860	125.4	22.8	78.4	3.3
PIONEER BRAND 335B	125.1	22.7	76.7	1.0
SO. STATES 88915	125.0	24.6	72.6	8.3
CAMPBELL C755	124.9	21.4	75.2	1.5
PRAIRIE STREAM SX730	124.5	23.9	78.0	1.1
CUSTOM FM SEED W4100	124.3	23.2	76.2	4.5
RUFF'S R230	124.1	19.8	70.9	4.2
NORTHRUP-KING PX9692	123.7	25.9	80.5	2.5
DEKALB-PFIZER DK789	123.6	24.5	72.9	1.5
PRAIRIE STREAM SX720	123.2	23.5	78.9	1.4
SUPER CROST 6340	122.9	22.4	75.4	0.9
D&H DH9120	122.9	24.2	68.0	2.8
STEWART SX77	122.8	23.6	75.4	6.2
STAUFFER 88500	122.8	24.2	75.2	1.1
PIONEER 89AND 3184	122.5	23.3	82.8	0.1
SCOTT SEED LR3589	122.0	22.0	68.3	1.9
GOLD TAG GT4022	121.6	24.4	81.4	4.0
BECK'S 90X	120.8	23.7	81.0	2.0
DENNIS 0849	119.8	22.4	77.7	0.4
CROW'S 690	119.7	24.5	67.2	3.8
FUNK'S G-4733	119.5	24.2	83.9	4.6
GOLDEN HARV. H2686	119.0	24.8	75.8	7.3
USS AG-CHEM USS1218	118.4	21.7	84.0	3.8
COKER 19A	117.2	23.7	78.5	2.2
STEWARTS S-7324	115.5	25.6	72.0	2.0
80-JAC 5623	115.1	23.1	67.2	1.0
ASGRDN RX114	110.3	23.5	80.2	9.9
BECK'S 85XA	109.1	22.2	63.2	2.1
STEWARTS S-8430	102.8	21.2	64.1	1.1
SCOTT SEED LR220	100.6	17.3	72.6	4.1
<b>YELLOW AVERAGE</b>	<b>131.5</b>	<b>23.1</b>	<b>78.5</b>	<b>3.6</b>
<b>WHITE HYBRIDS</b>				
AGRIGOLD A-6795W	125.6	25.6	76.0	6.4
COKER 8334	124.8	27.9	80.7	8.5
ZIMMERMAN Z11W	121.2	27.1	80.7	7.6
VINEYARD SEED MV68	119.0	26.1	84.2	2.1
RING AROUND RA2606W	118.2	24.8	76.7	4.5
VINEYARD SEED MV58	116.4	24.9	68.6	3.1
SO. STATES SS950W	116.0	26.2	78.4	5.6
VINEYARD SEED MV48	114.2	22.9	71.1	6.5
RING AROUND RA3605W	113.3	26.6	77.7	7.2
ZIMMERMAN Z14W	112.7	25.5	70.0	6.8
ASGRDN RX962W	111.4	28.0	77.4	6.9
FUNK'S G-4779W	105.8	26.4	73.7	5.5
VINEYARD SEED MV78	93.6	28.2	55.8	3.3
DEKALB-PFIZER XL390B	78.6	28.9	69.6	9.2
<b>WHITE AVERAGE</b>	<b>112.2</b>	<b>26.4</b>	<b>74.3</b>	<b>6.1</b>
<b>GRAND AVERAGE</b>	<b>129.5</b>	<b>23.5</b>	<b>78.0</b>	<b>3.9</b>

**TABLE 10. — TWO-YEAR SUMMARY, NON-VIRUS LOCATIONS,  
1983-1984**

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC	MOIST	STAND	LOGGED
	83-84	83-84	83-84	83-84
<b>YELLOW HYBRIDS</b>				
O'S GOLD 2570	147.1	20.7	86.6	3.0
DENNIS DS42	146.6	18.9	75.0	4.4
COLBERT 315	144.6	21.3	86.4	5.8
AGRIGOLD A-6865	143.4	22.2	85.2	5.4
ZIMMERMAN Z23Y	142.8	23.0	82.9	6.5
SELECT SEED 8400	142.2	21.2	79.9	4.7
CARGILL 980	141.1	21.5	82.2	5.6
PAYMASTER 8990	140.3	22.3	72.4	3.7
JACQUES 8400	139.2	21.0	79.3	3.8
LEADER SX717	138.9	19.6	73.1	5.2
PIONEER BRAND 3320	138.8	21.9	83.1	7.1
CRON'S 9L75	138.7	22.0	82.6	4.9
COLBERT 345	138.2	23.1	85.1	6.7
D&H DH7183	138.1	20.6	79.1	4.3
SELECT SEED 9122	137.6	22.1	75.7	1.6
RING AROUND RA1502	137.6	21.2	75.6	1.7
CUSTOM FM SEED CFS8000	135.7	22.9	83.0	5.8
JACQUES 8100	134.5	20.9	73.1	3.6
AGRATECH GK925	134.1	21.1	78.9	9.8
SUPER CROST 6762	133.7	22.5	80.5	7.2
CAMPBELL C960	133.1	21.1	81.0	4.1
COLBERT 340	133.1	22.2	78.0	5.9
DENNIS DS37A	132.5	20.9	80.9	3.7
ADLERS 88X	132.1	22.8	83.6	6.7
DEKALB-PFIZER DK747	131.6	22.2	81.7	4.9
JACQUES 8220	131.6	22.6	81.7	6.3
GOLDEN HARV. H2675	131.3	21.3	73.7	7.2
RING AROUND RA1604	131.1	22.6	82.9	4.0
AGRIGOLD A-6910	131.0	22.3	81.7	13.0
SELECT SEED 8900	130.7	21.9	76.9	3.0
JACOBI 6600	130.7	20.1	82.1	4.7
BO-JAC 674	130.6	21.4	71.7	4.1
FUNK'S G-4522	130.6	19.5	75.5	4.4
PREMIER SX636	130.5	21.2	77.7	3.5
COKER 21	129.7	23.1	85.0	6.4
SO. STATES SS811	129.4	21.3	77.1	2.9
GOLDEN HARV. H2775A	129.4	21.6	74.1	8.1
D&H DH9113	128.8	22.4	84.8	7.7
USS AG-CHEM USS7001	128.6	21.0	84.4	8.0
MCCURDY 84AA	128.4	22.6	84.8	7.0
SO. STATES SS915	128.3	23.2	76.5	11.1
GOLDEY AC. T-E 6995	128.1	21.4	74.2	7.5
RUFF'S R334A	127.9	21.3	80.1	5.3
CARGILL 967	127.9	21.3	82.4	4.0
VORIS SEEDS V2641	127.7	22.9	84.0	10.1
P.A.G. SX351	127.5	20.0	75.7	3.7
GOLDEY AC. T-E 6998	127.4	22.5	80.3	13.2
P.A.G. SX354	126.8	20.0	75.1	5.2
PIONEER BRAND 3184	126.4	21.5	77.6	2.4
DEKALB-PFIZER T1230	126.1	23.1	83.9	7.5
SCOTT SEED LR880	125.5	22.5	77.8	7.4
CAVERDALE CF 6065	125.5	22.7	82.3	5.6
ASGROW RX777	125.0	19.7	70.7	8.6
BECK'S 90X	124.8	22.8	85.5	2.2
AGRATECH GK868	124.7	20.9	72.5	4.1
USS AG-CHEM USS2020	124.7	22.1	84.5	10.8
NORTHROP-KING PX95	123.8	24.5	80.8	7.3
STEWART S-6973	123.5	22.2	72.6	5.5
MCCURDY 8150	122.8	20.4	75.3	13.6
CAMPBELL C755	122.8	20.4	78.2	3.4
STEWART SX77	122.8	21.9	81.8	6.3

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

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 83-84	MOIST 83-84	STAND 83-84	LODGED 83-84
<b>YELLOW HYBRIDS</b>				
VORIS SEEDS V2631	122.4	21.5	80.6	3.7
GOLD TAG GT4022	122.2	22.5	85.5	7.1
GOLDEN HARV. H2680	121.7	23.5	85.2	6.3
STAUFFER S8818	121.5	22.8	82.9	9.4
SO. STATES SS910	121.3	22.6	79.6	10.1
PIONEER BRAND 3358	121.3	21.6	73.7	2.1
FUNK'S G-4733	121.1	23.3	80.3	5.0
O&H DM9120	121.1	19.1	59.2	2.7
CROW'S 690	120.9	23.3	71.6	3.9
PRINCETON SX860	120.3	21.9	77.7	3.8
ADLERS 3015	120.0	20.6	78.8	3.2
DEKALB-PFIZER DK789	118.3	23.9	77.0	4.2
PRINCETON SX870	117.9	23.3	75.3	5.3
COKER 19A	117.7	22.2	82.1	7.3
PRAIRIE STREAM SX730	117.4	22.6	79.0	3.4
DEKALB-PFIZER XL71	117.0	21.9	84.9	12.4
GOLDEN HARV. H2686	116.0	23.5	70.6	5.3
CARGILL 955	115.6	21.0	82.2	4.2
DENNIS DS49	115.2	22.2	81.2	4.3
BECK'S 85XA	113.9	21.3	69.0	5.6
ASGRON RX114	111.9	21.9	81.7	10.2
<b>YELLOW AVERAGE</b>	<b>128.6</b>	<b>21.8</b>	<b>79.1</b>	<b>5.9</b>
<b>WHITE HYBRIDS</b>				
ZIMMERMAN Z14W	121.8	22.3	75.2	8.6
ZIMMERMAN Z11W	120.0	24.1	77.7	11.5
VINEYARD SEED MV58	118.7	21.5	77.1	5.0
RING AROUND RA3605W	117.1	24.1	71.9	7.1
SO. STATES SS950W	115.8	24.8	79.5	7.5
VINEYARD SEED MV68	114.0	23.5	74.3	4.9
COKER 833W	113.8	23.9	73.8	10.7
RING AROUND RA2606W	109.1	25.1	74.7	8.0
FUNK'S G-4779W	107.4	24.5	79.8	5.1
ASGRON RX962W	103.5	24.4	72.0	8.8
VINEYARD SEED MV78	99.1	24.9	61.2	8.1
DEKALB-PFIZER XL390B	90.6	24.1	65.1	12.3
<b>WHITE AVERAGE</b>	<b>110.9</b>	<b>23.9</b>	<b>73.5</b>	<b>8.1</b>
<b>GRAND AVERAGE</b>	<b>126.3</b>	<b>22.1</b>	<b>78.4</b>	<b>6.2</b>

**TABLE 11. — THREE-YEAR SUMMARY, NON-VIRUS LOCATIONS, 1982-1984**

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 82-84	MOIST 82-84	STAND 82-84	LODGED 82-84
<b>YELLOW HYBRIDS</b>				
DENNIS DS42	148.3	18.9	76.0	5.8
COLBERT 315	146.5	20.7	87.0	6.2
O'S GOLD 2570	145.1	20.3	87.0	4.4
SELECT SEED 8400	141.9	19.0	75.8	4.5
COLBERT 345	141.7	22.4	83.0	7.4
D&H DH7183	140.1	19.6	76.1	5.9
RING AROUND RA1502	140.1	20.8	76.2	3.8
SELECT SEED 9122	138.6	20.5	76.6	3.7
PIONEER BRAND 3320	136.6	20.4	81.4	6.8
AGRIGOLD A-6910	136.1	20.8	80.1	10.5
ADLERS 88X	136.0	22.4	84.1	5.6
COLBERT 340	135.8	21.7	80.1	7.9
SELECT SEED 8900	135.5	21.1	80.3	4.6
DEKALB-PFIZER DK747	134.5	20.7	78.5	5.3
CAMPBELL C960	134.3	20.0	79.2	7.4
RING AROUND RA1604	134.3	21.9	82.8	8.5
PREMIER SX636	134.2	20.6	79.5	3.4
MCCURDY 8150	134.1	20.7	76.0	10.2
FUNK'S G-4522	133.7	19.4	77.5	4.9
MCCURDY 84AA	133.0	21.3	78.3	9.3
SUPER CROST 6762	132.9	21.3	79.3	6.8
GOLDEN AC. T-E 6995	132.4	20.9	77.6	8.5
CARGILL 967	132.1	19.8	77.7	3.4
HO-JAC 874	131.3	20.9	77.7	6.9
STAUFFER SB818	130.8	22.1	84.3	12.9
VORIS SEEDS V2641	130.8	22.2	83.4	8.7
GOLD TAG GT4022	130.7	22.0	85.7	9.8
P.A.G. SX351	130.6	19.7	76.6	3.7
JACQUES 8220	130.4	22.2	81.6	10.7
D&H DH9113	130.0	22.1	84.5	9.8
RUFF'S R334A	129.9	20.8	80.4	7.1
SCOTT SEED LR880	128.8	22.1	79.5	10.5
GOLDEN AC. T-E 6998	128.7	21.9	80.8	12.1
COKER 21	128.7	22.7	84.1	12.0
GOLDEN HARV. H2775A	128.3	21.3	74.8	10.5
STEWART S-6973	128.1	22.0	75.0	9.6
PIONEER BRAND 3184	127.3	21.2	75.8	3.7
STEWART SX77	127.0	20.4	75.7	5.8
USS AG-CHEM USS2020	126.9	20.9	80.5	10.7
SO. STATES SS915	126.8	21.6	75.0	12.9
BECK'S 90X	126.0	21.9	81.3	2.6
GOLDEN HARV. H2680	125.5	22.0	78.9	7.5
ASGRON RX777	124.3	19.5	72.6	9.6
DEKALB-PFIZER XL71	124.1	21.6	84.2	14.0
GOLDEN HARV. H2686	124.1	22.8	74.1	5.7
PRINCETON SX860	123.7	21.1	80.5	3.2
NORTHUP-KING PX95	123.5	23.2	82.0	8.4
COKER 19A	122.8	20.7	79.5	8.1
PRINCETON SX870	122.7	22.5	74.8	7.9
FUNK'S G-4733	121.9	22.5	83.0	5.3
PIONEER BRAND 3358	121.9	20.0	74.7	2.2
DEKALB-PFIZER T1230	121.4	21.6	81.4	11.1
VORIS SEEDS V2631	119.0	20.9	81.3	7.9
DENNIS DS49	117.5	21.6	79.4	5.0
<b>YELLOW AVERAGE</b>	<b>131.0</b>	<b>21.2</b>	<b>79.5</b>	<b>7.4</b>
<b>WHITE HYBRIDS</b>				
SO. STATES SS950W	122.8	23.6	82.0	9.6
ZIMMERMAN Z14W	121.7	22.0	75.0	9.9
ZIMMERMAN Z11W	119.4	23.0	77.5	10.7
RING AROUND RA3605W	115.8	23.4	75.4	3.3
FUNK'S G-4779W	113.0	23.3	80.4	4.9
ASGRON RX952W	111.8	23.6	76.8	9.9
VINEYARD SEED MV78	104.5	23.0	62.5	9.0
DEKALB-PFIZER XL3908	103.2	23.2	70.4	12.0
<b>WHITE AVERAGE</b>	<b>114.0</b>	<b>23.2</b>	<b>75.0</b>	<b>9.0</b>
<b>GRAND AVERAGE</b>	<b>129.8</b>	<b>21.4</b>	<b>78.9</b>	<b>7.5</b>

TABLE 12. — CORN VIRUS TEST, HENDERSON

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1984	MOIST 1984	STAND 1984	LDGSD 1984
YELLOW HYBRIDS				
PIONEER BRAND 3160	166.1	20.3	78.6	6.3
DEKALB-PFIZER DK789	154.1	20.7	78.1	1.2
FUNK'S G-4858	148.5	20.5	72.9	1.9
FUNK'S G-4734	147.7	21.4	85.2	2.3
JACOBI X8850	147.3	19.0	76.7	0.5
D&H DM7150	146.7	17.9	81.4	1.9
PIONEER BRAND 3378	146.2	17.7	82.4	4.3
PIONEER BRAND 3147	145.4	19.9	79.0	1.6
DEKALB-PFIZER XL728	141.2	17.9	80.5	1.2
ADLERS 73X	141.0	18.6	77.6	3.4
FUNK'S G-4740A	140.9	20.2	77.6	3.5
BECK'S 8540M	140.5	21.1	84.3	12.0
PRAIRIE STREAM X2317	137.9	20.1	82.4	12.6
O'S GOLD SX5255	136.9	18.7	79.0	0.0
PIONEER BRAND 3187	136.7	19.1	81.4	3.0
STAUFFER 8445	134.5	19.6	83.8	18.6
NORTHRUP-KING PX95	133.7	19.6	78.6	8.0
MCCURDY 83-22	133.4	18.2	84.8	2.0
STEWART S-8432	131.8	19.7	74.8	3.8
RING AROUND RA1502M	131.5	18.6	78.1	4.8
STEWART S-6586	130.4	19.6	86.2	0.0
USS AG-CHEM USS2315	130.0	18.6	85.2	2.1
JACOBI CX92	129.1	18.7	82.9	3.5
P.A.G. SX17A	128.9	18.5	67.6	12.0
DEKALB-PFIZER EX-369	128.9	19.2	85.7	1.5
GOLD TAG GT-EX4045	128.1	19.6	75.7	5.6
JACOBI 8950	128.0	18.1	77.6	4.8
DEKALB-PFIZER XL7238	127.2	19.2	74.3	2.6
ZIMMERMAN Z30Y	126.0	17.4	85.2	8.3
MCCURDY 8225	125.2	20.9	79.5	13.6
JACQUES 8400	124.7	18.8	73.3	1.2
SUPER CROST 7795	123.5	19.1	83.3	0.6
CHECK HYBRID YELLOW	123.3	19.2	77.1	7.9
MCCURDY 7564	122.8	17.2	75.7	1.1
SELECT SEED MDM75	122.1	18.5	81.4	4.1
FUNK'S G-4765	121.9	19.4	80.5	2.0
D&H DM9228	121.1	18.5	86.7	2.9
O'S GOLD SX3344	120.5	18.0	73.3	3.1
GOLDEN AC. T-E 6945	120.4	17.1	77.6	3.6
SO. STATES SS710	119.9	17.5	84.3	5.5
AGRATECH GK875	119.2	18.7	82.4	1.0
AGRIGOLD XA-830	118.8	17.7	79.5	7.4
JACQUES JX227	114.5	18.7	77.6	5.3
RUFF'S R445	113.3	19.0	72.9	14.0
GOLDEN HARV. H2745	111.9	19.7	70.0	6.8
ADLERS 70X	106.7	17.9	81.0	7.8
ZIMMERMAN Z34Y	106.7	17.4	76.7	9.3
FUNK'S G4525A	90.2	18.3	76.7	20.7
SO. STATES EX 30878	89.3	19.9	51.9	2.8
<b>YELLOW AVERAGE</b>	<b>128.9</b>	<b>19.0</b>	<b>78.8</b>	<b>5.2</b>
WHITE HYBRIDS				
GOLDEN HARV. H2660N	155.9	20.9	77.4	7.3
ZIMMERMAN Z60N	152.6	19.0	81.0	5.5
STAUFFER 9820N	144.5	19.6	76.2	4.4
PRINCETON SX910N	135.1	20.1	71.4	14.4
P.A.G. SX70N	128.3	20.5	75.7	26.8
P.A.G. 634N	113.7	20.1	75.7	10.0
CHECK HYBRID WHITE	102.0	19.7	75.5	2.4
<b>WHITE AVERAGE</b>	<b>133.2</b>	<b>20.0</b>	<b>75.4</b>	<b>10.1</b>
<b>GRAND AVERAGE</b>	<b>129.4</b>	<b>19.1</b>	<b>78.3</b>	<b>5.8</b>
LSD	24.3	1.1	10.3	11.7
C.V.	14.1	4.3	9.8	142.6

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