



KENTUCKY HYBRID CORN PERFORMANCE TEST - 1986

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1986 Kentucky Hybrid Corn Performance Test

C. G. Poneleit and K. O. Evans

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 1986 data are presented for the tests at each location. Two- and three-year averages for yield are included in each of the single location tables when available. Readers are encouraged to consider these multiple year averages and the averages over locations (Tables 11, 12, and 13) 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 12 and 13) contain data only from those locations where appropriate data are available for 1984, 1985, or 1986.

Comparisons between yields or other characteristics 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 and another grown at a different location.

TESTING PROCEDURE

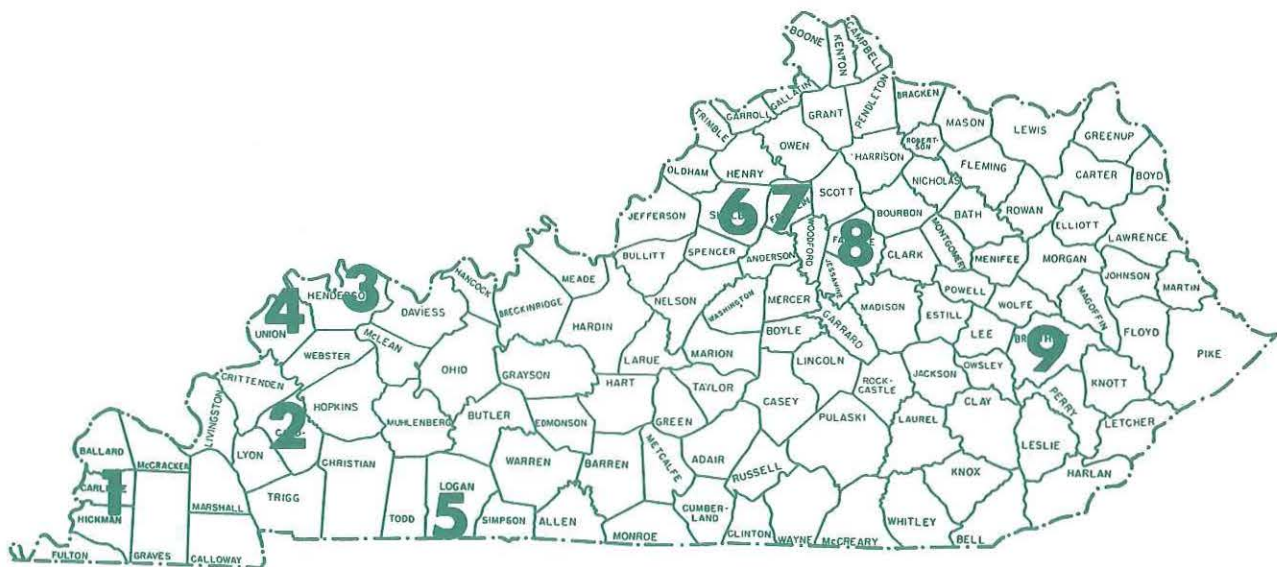
Selection of Hybrids

The hybrids chosen for testing are those most likely to be available for sale in 1987. 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.

Location of Tests

The map below 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 commodity. The Henderson and Frankfort



Locations of the 1986 Kentucky Hybrid Corn Performance Test

sites were chosen specifically for the presence of corn virus in diverse areas of the state and may represent differences in virus populations.

Cultural Practices

The seedbeds at each location except Shelbyville and Bardwell were prepared by conventional tillage methods. Fertilizer was applied as indicated by soil tests. The test at Shelbyville was planted in a wheat/soybean residue and at Bardwell in a corn/wheat residue using recommended no-tillage practices. All test areas were treated with herbicide and supplemented by post-emergence cultivation and/or herbicide 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 to control corn rootworms.

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 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 α 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 conventional tillage test was planted at the rate of 23,760 kernels per acre. The no-till test at Shelbyville was planted at a rate of 25,740 kernels per acre. Final stands were expected to be between 20,000 and 22,000 plants per acre if average stand losses occurred.

Harvesting

All plots were harvested with a modified two-row self-propelled corn combine. Both rows of each two-row plot were picked and shelled. The grain weight and moisture content of each plot were measured with an electronic scale and moisture meter mounted on the combine. Data from most test locations was temporarily stored in a portable data logging device prior to transfer to a computer at Lexington. Yields were calculated and adjusted to No. 2 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 56 hybrids to evaluate resistance to the virus complex. Although johnsongrass was present at the Henderson location, virus symptoms were not apparent on the corn hybrids and no virus ratings were taken. The high yield levels of the hybrids at the Henderson location reflect the absence of disease. More johnsongrass was present at the Frankfort location than at Henderson but was confined by cultivation to borders and alleys of the test area. Virus ratings taken at the Frankfort location reflect both the number of plants infected and the severity of infection to those plants. The ratings shown in Table 15 are the weighted averages of virus infected and noninfected plants evaluated August 6. A rating of 1 indicates that the hybrid was completely healthy and no plants were infected whereas a rating of 9 indicates that all plants of this hybrid were killed by the virus disease. A rating of 3 or lower indicates

that the hybrid has some resistance in that few plants were infected or that those infected did not have a visual appearance of severe virus damage.

Maturity Comparisons

Three open-pedigree hybrids (FR27 x LH38, FR27 x Mo17, and FR27 x Pa91) were included in each non-virus test to provide an internal evaluation of hybrid maturity. The seed of these hybrids was obtained from Illinois Foundation Seeds, Inc. The relative maturities of these hybrids for Kentucky as rated by Illinois Foundation Seed, Inc. are Early-, Mid-, and Late-Season, respectively. The relative maturity ratings were quite appropriate since the harvest moistures of the hybrids when averaged across all non-virus locations, Table 11, were 18.0% for FR27 x LH38, 19.3% for FR27 x Mo17, and 21.9% for FR27 x Pa91. Harvest maturity of other hybrids in the test can be judged by comparison of harvest moisture relative to these checks and other hybrids of known maturity for your area of production.

ABOUT THE GROWING SEASON

BARDWELL (Carlisle County)

The Bardwell test was planted no-till on April 29 in corn and wheat residue. A last minute site change resulted in a no-till rather than a conventional-till test. The test appeared to be doing well on June 17 with the only pest problem being johnsongrass. Mid and/or late season drought very likely reduced hybrid yields. Although virus ratings were not taken, observations at harvest suggested that the plants were probably infected with corn virus diseases which would have contributed to the low yields at this location.

PRINCETON (KAES, Research and Education Center)

The Princeton test was planted on April 23. Weed control was poor. Evik was hand sprayed during June to control broadleaf weeds and grasses in the alleyways. Drought reduced yields.

RUSSELLVILLE (Logan County)

The Russellville test was planted on April 8. A late season frost during April damaged some leaves.

Weed control was good although a minor infestation of johnsongrass occurred in the alleyways. There were no apparent disease or insect problems.

MORGANFIELD (Union County)

The Morganfield test was planted on April 9. Inadequate rainfall in the early season caused herbicide failure and subsequent weed problems. Some plots in low areas suffered water damage from heavy May rainfall. Evik herbicide was hand sprayed to control weed infestations in the alleyways. Disease and insect problems were minimal.

SHELBYVILLE (Shelby County)

The Shelbyville test was planted no-till on April 30 in wheat/soybean stubble. Weed control was good. There were no apparent disease or insect problems.

LEXINGTON (KAES, Spindletop Research Farm)

The Lexington test was planted on May 2. Weed control was poor and was probably caused by minimal rainfall immediately after planting that did not activate the weed control chemicals. The test was cultivated twice and a lay-by application of Aatrex and oil was applied. European Corn Borer caused some lodging problems. The test was harvested at a higher moisture content because of the excessive lodging. Mid to late season drought caused significant yield reductions.

QUICKSAND (KAES, Robinson Substation)

The Quicksand test was planted on April 23. Weed control was fair. Broadleaf weeds and vines were oversprayed with Banvel. Alleyways were sprayed with Basagran to control nutsedge. Ratings of Gray Leaf Spot and other leaf diseases were taken by Drs. Stuckey and Hartman of the Plant Pathology Department. The results of these ratings may be obtained by contacting either Dr. Stuckey or Dr. Hartman, Department of Plant Pathology, University of KY, Lexington, KY 40546-0091. Other disease and insect problems were minimal.

HENDERSON (Henderson County)

The Henderson test was planted on May 5. Weed control was good. Although virus symptoms were present on johnsongrass plants along the field border, no virus symptoms were visible on the corn plants when observed on June 18. There were no other apparent disease or insect problems.

FRANKFORT (Franklin County)

The Frankfort test was planted on May 22. The soil was heavy at planting which probably contributed to leaching of weed control chemicals. Johnsongrass, both seedling and rhizome, heavily infested the test area. The test was cultivated twice and Roundup was used to control johnsongrass in the alleyways. Low stands at harvest were caused primarily by the virus diseases and to a lesser extent by cultivation and other weed control efforts.

TABLE 1.—PRECIPITATION AT TEST LOCATIONS, 1986

Month	Days	Location								
		Carlisle	Princeton	Russellville	Morganfield	Henderson	Shelbyville	Lexington	Quicksand	Frankfort
April	1-8	--	--	*	--	--	--	--	--	--
	9-16	--	--	--	0.51*	--	--	--	--	--
	17-24	--	*	0.70	0.83	--	--	--	*	--
	25-30	<u>*</u>	<u>0.0</u>	<u>0.00</u>	<u>0.23</u>	<u>--</u>	<u>*</u>	<u>--</u>	<u>0.34</u>	<u>--</u>
	Total	0.0	0.0	0.70	1.57	--	0.0	--	0.34	--
May	1-8	0.43	0.42	0.15	0.42	*	1.77	0.28*	0.13	--
	9-16	2.35	1.86	1.85	0.25	1.79	1.59	1.54	0.42	--
	17-24	1.14	1.56	2.08	2.70	0.74	0.20	0.03	0.76	*
	25-31	<u>1.86</u>	<u>1.73</u>	<u>0.61</u>	<u>1.50</u>	<u>1.66</u>	<u>2.21</u>	<u>1.15</u>	<u>1.08</u>	<u>1.70</u>
	Total	5.28	5.57	4.69	4.87	4.19	5.77	3.00	2.39	1.70
June	1-8	1.02	0.97	3.39	0.10	0.41	1.17	0.58	0.87	1.10
	9-16	1.38	1.17	1.09	1.30	2.97	0.02	0.17	0.73	0.30
	17-24	1.22	0.06	4.10	0.15	--	0.00	0.00	0.08	--
	25-30	<u>--</u>	<u>0.00</u>	<u>1.71</u>	<u>--</u>	<u>--</u>	<u>0.02</u>	<u>0.12</u>	<u>0.25</u>	<u>--</u>
	Total	3.62	2.20	10.29	1.55	3.38	1.21	0.87	1.93	1.40
July	1-8	0.78	0.76	--	0.70	0.92	1.35	2.10	1.01	1.60
	9-16	2.93	1.49	1.63	2.00	2.40	0.50	2.06	0.71	2.40
	17-24	0.30	0.00	--	1.22	--	0.00	0.51	0.41	--
	25-31	<u>--</u>	<u>1.43</u>	<u>0.48</u>	<u>1.65</u>	<u>0.80</u>	<u>0.43</u>	<u>0.17</u>	<u>0.00</u>	<u>0.25</u>
	Total	4.01	3.68	2.11	5.57	4.12	2.28	4.87	2.13	4.25
August	1-8	1.20	0.93	1.34	0.70	1.72	0.63	0.41	0.08	--
	9-16	3.42	1.37	0.68	0.55	2.75	0.88	0.11	0.42	1.30
	17-24	--	0.08	--	0.90	0.30	0.38	0.14	1.14	--
	25-31	<u>--</u>	<u>0.04</u>	<u>--</u>	<u>--</u>	<u>0.14</u>	<u>0.76</u>	<u>2.24</u>	<u>0.37</u>	<u>1.00</u>
	Total	4.62	2.42	2.02	2.15	4.91	2.65	2.90	2.01	2.30
Sept.	1-8	0.66	0.05	1.00	1.25	0.68	0.50	0.92	1.12	
	9-16	1.50	0.40	**	**	1.06	1.80	**	1.23	
	17-24	**	**			**	1.39		1.15	1/
	25-30	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>**</u>	<u>--</u>	<u>0.17</u>	2/
	Total	2.16	0.45	1.00	1.25	1.74	3.69	0.92	3.67	--
Grand Total		19.69	14.32	20.81	16.96	18.34	15.60	12.56	12.47	9.65

* Planted ** Harvested 1/ 10/8 2/ 10/17

TABLE 2.—HYBRIDS TESTED IN 1986

Hybrid	Test*	Color	Cross**	Source	
Adler's	70X	B	Yellow	2X	Adler's Seed Inc. Route 1 Sharpesville, IN 46068
	88X	A	Yellow	2X	
	5990	A	Yellow	2X	
AgraTech	GK750	A	Yellow	2X	AgraTech Seed Research P.O. Box 644 Atlanta, GA 31714
	GK875	B	Yellow	2X (Mod)	
	GK900	A	Yellow	2X	
	GK925	A	Yellow	2X	
	EX4910	B	Yellow	2X	
AgriGold	XA102	A	Yellow	2X	Akin Seed Company Route 1 St. Francesville, IN 62460
	XA103	A	Yellow	2X	
	XA830	B	Yellow	2X	
	A-6795W	A	White	2X	
	A-6865	A	Yellow	2X	
AgriPro	AP670	A	Yellow	2X	NAPB 5201 Johnson Drive P.O. Box 2955 Mission, KS 66201
	HP555	A	Yellow	2X	
	820	A	Yellow	2X	
	830	A	Yellow	2X	
Asgrow/O's Gold	2570	A	Yellow	2X	Asgrow/O's Gold Seed Company Kalamazoo, MI 49001
	RX798	A	Yellow	2X	
	RX860	A	Yellow	2X	
	RX892	A	Yellow	2X	
Beck's	85MDM	B	Yellow	2X	Beck's Superior Hybrids Route 2, Box 142 Atlanta, IN 46031
	85XA	A	Yellow	2X	
	89X	A	Yellow	2X	
Bo-Jac	601	A	Yellow	2X	Bo-Jac Hybrid Corn Company R. R. #2 Mount Pulaski, IL 62548
	674	A	Yellow	2X	
	905	AB	Yellow	2X	
	XM832	B	Yellow	2X	
Campbell	C960	A	Yellow	2X	Campbell Seed R. R. #3 Tipton, IN 46072
Cargill	967	A	Yellow	2X	Cargill Seeds P.O. Box 9480 Minneapolis, MN 55440
	971	A	Yellow	2X	
	973	A	Yellow	2X	
	980	A	Yellow	2X	
Caverndale Farms	CF1860	B	Yellow	2X	Caverndale Farms Route 2 Danville, KY 40422
	CF6065	A	Yellow	2X	

TABLE 2.—HYBRIDS TESTED (continued)

Hybrid	Test*	Color	Cross**	Source	
Coker	3030	A	Yellow	2X	Rohm and Haas Seeds, Inc. P.O. Box 507 Lebanon, IN 46052
	833W	A	White	2X	
	8620	A	Yellow	2X	
	8625	A	Yellow	2X	
	8696	B	Yellow	2X(Mod)	
Colbert	320	A	Yellow	2X	Colbert Farms R. R. #2 Washington, IN 47501
	326	A	Yellow	2X	
	345	A	Yellow	2X	
Crow's	488	A	Yellow	2X	Crow's Hybrid Corn Company Route 2, Box 166 St. Joseph, IL 61873
	666	A	Yellow	2X	
	686	A	Yellow	2X	
D & H Seeds	DH7144	A	Yellow	2X	D & H Seeds & Services P.O. Box 623 Robinson, IL 62454
	DH7150	B	Yellow	2X	
	DH7183	A	Yellow	2X	
	DH9113	A	Yellow	2X	
DeKalb- Pfizer	DK689	AB	Yellow	2X	DeKalb-Pfizer Genetics Sycamore Road DeKalb, IL 60115
	DK711	A	Yellow	2X	
	DK748	A	Yellow	2X	
	DK789	B	Yellow	2X	
	XL72B	B	Yellow	2X	
Dennis	DS537	A	Yellow	2X	Dennis Hybrid Company P.O. Box 487 Windfall, IN 46076
	DS642	A	Yellow	2X	
	DS645	A	Yellow	2X	
Funk's	G-4513	A	Yellow	2X	Funk's Seed Int'l. 1300 Washington Street Bloomington, IL 61701
	G-4522	A	Yellow	2X(Mod)	
	G-4635	A	Yellow	2X	
	G-4734	B	Yellow	2X	
	G-4765	B	Yellow	2X	
	G-4868	AB	Yellow	2X	
	X6044W	A	White	2X	
	G-4666	B	Yellow	2X	
RA1502	A	Yellow	2X		
Garst	8185	A	Yellow	2X	Garst Seed Company 526 Concord Court Noblesville, IN 46060
	8344	A	Yellow	2X	
	8345	A	Yellow	2X	
	8388	A	Yellow	2X	
Gold Medal	835	B	Yellow	2X	Louisville Seed Company P.O. Box 120 Louisville, KY 40201
	3357	B	Yellow	2X	
	580	A	Yellow	2X	
	954	A	Yellow	2X	
	984	B	Yellow	2X	

TABLE 2.—HYBRIDS TESTED (continued)

	Hybrid	Test*	Color	Cross**	Source
Golden Acres	6945	B	Yellow	2X(Mod)	Taylor-Evans Seed Company P.O. Box 68 Tulia, TX 79088
	6995A	A	Yellow	2X	
	6996	A	Yellow	2X	
	6997	B	Yellow	2X	
	6998	A	Yellow	2X	
Gutwein	2660	A	Yellow	2X	Fred Gutwein & Sons, Inc. R. R. #1, Box 40 Francesville, IN 47946
	2820	A	Yellow	2X	
Jacobi	6600	A	Yellow	2X	Jacobi Hybrids R.R. #1 McCordsville, IN 46055
	6700	A	Yellow	2X	
	8801	A	Yellow	2X	
	8850	B	Yellow	2X	
	8950	B	Yellow	2X	
	CX92	B	Yellow	2X	
Jacques	8100	A	Yellow	2X	Jacques Seed Company Prescott, WI 54021
	8250	B	Yellow	2X	
	8350	A	Yellow	2X	
	8700	A	Yellow	2X	
Leader	SX717	A	Yellow	2X	Leader Seeds, Inc. 7160 S.R. 118 Celina, OH 45822
Lynks	LX4355	A	Yellow	2X	Lynks Seeds P.O. Box 637 Marshalltown, IN 50158
	LX4533	A	Yellow	2X	
McCurdy	84AA	A	Yellow	2X	McCurdy Seed Company Fremont, IA 52561
	7676	A	Yellow	2X	
	83-40	B	Yellow	2X	
	85-60	B	Yellow	2X	
Northrup-King	PX79	AB	Yellow	2X	Northrup-King & Company 1500 Jackson St., NE Minneapolis, MN 55413
	PX715	B	Yellow	2X	
	PX95	AB	Yellow	2X	
	PX9581	A	Yellow	2X	
	PX9546	A	Yellow	2X	
P.A.G.	SX16A	B	Yellow	2X	P-A-G Seeds P.O. Box 9480 Minneapolis, MN 55440
	SX17A	B	Yellow	2X	
	SX351	A	Yellow	2X	
	SX352	A	Yellow	2X	
	7567	A	Yellow	2X	

TABLE 2.—HYBRIDS TESTED (continued)

	Hybrid	Test*	Color	Cross**	Source
Paymaster	7989	A	Yellow	2X	Paymaster Seeds
	7990	A	Yellow	2X	P.O. Box 9493
	8990	A	Yellow	2X	Minneapolis, MN 55440
Pfister	4444	B	Yellow	2X	Pfister Hybrid Corn Company
	4470	A	Yellow	2X	P.O. Box 187
	4575	A	Yellow	2X	El Paso, IL 61738
Pioneer Brand	3320	A	Yellow	2X(Mod)	Pioneer Hi-Bred Int'l.
	3352	A	Yellow	2X	221 North Main Street
	3378	B	Yellow	2X(Mod)	Tipton, IN 46072
	3144W	A	White	2X	
	3147	B	Yellow	2X(Mod)	
	3165	A	Yellow	2X	
	3187	B	Yellow	2X(Mod)	
Praire Stream	SX730	A	Yellow	2X	Praire Stream Farms
	SX702	A	Yellow	2X	Route 3, Box 56
	X2317	B	Yellow	2X	Frankfort, IN 46041
Princeton	SX860	A	Yellow	2X	Princeton Farms
	SX865	A	Yellow	2X	P.O. Box 319
	SX906	B	Yellow	2X	Princeton, IN 47670
Seed Tec	H-2675	A	Yellow	2X	Seedtec International, Inc.
	SP-7750	AB	Yellow	2X	Eldred, IL 62027
	ST-7625	A	Yellow	2X	
Select Seed	5188-S	A	Yellow	2X	Select Seed Hybrids
	8400	A	Yellow	2X	P. O. Box 54
	9131	AB	Yellow	2X	Camden, IN 46917
Scott Seed	LR880	A	Yellow	2X	Scott Seed Company, Inc. P.O. Box 649 New Albany, IN 47150
So. Cross	511	A	Yellow	2X	Miles Farm Supply, Inc.
	711	A	Yellow	2X	2760 Keller Rd. Owensboro, KY 42301
So. States	SS565	A	Yellow	2X	Southern States Coop., Inc.
	SS728	A	Yellow	2X	P.O. Box 26234
	SS737	A	Yellow	2X	Richmond, VA 23260
	SS767	B	Yellow	2X	
	SS811	A	Yellow	2X	
	SS815	B	Yellow	2X	
	SS917W	A	White	2X	

TABLE 2.—HYBRIDS TESTED (continued)

	Hybrid	Test*	Color	Cross**	Source
Stauffer	S7759	A	Yellow	2X	Stauffer Seeds 975 South Durkin Drive Springfield, IL 62704
	S8445	B	Yellow	2X	
	S8505	A	Yellow	2X	
	S8645	B	Yellow	2X	
Stewart Hybrids	S-6973	A	Yellow	2X	Stewart's Hybrids, Inc. Princeville, IL 61559
	S-7366	A	Yellow	2X	
	S-7551	A	Yellow	2X	
Stewart Seeds	SX69	A	Yellow	2X	Stewart Seeds, Inc. Rt. 8, Box 227 Greensburg, IN 47240
	SX92M	B	Yellow	2X	
	SX87	A	Yellow	2X	
Sun Prairie	SP240	A	Yellow	2X	Champaign County Seed Co. Rt. 2, Box 2 St. Joseph, IL 61873
	SP2750	A	Yellow	2X	
Super Crost	E119	B	Yellow	2X	Edward J. Funk & Sons, Inc. Box 67 Kentland, IN 47951
	5438	A	Yellow	2X	
	5460	A	Yellow	2X	
	7576	A	Yellow	2X	
	7795	B	Yellow	2X(Mod)	
U.S.S. Ag. Chemicals	USS7001	A	Yellow	2X	U.S.S. Agri-Chemicals Div. of U.S. Steel Corp. P.O. Box 1685 Atlanta, GA 30301
Vineyard Seed	MV-58W	A	White	3X	Vineyard Seed Co., Inc. P.O. Box 3458 Champaign, IL 61821
	MV-68W	A	White	2X	
Zimmerman	Z14W	A	White	2X	Zimmerman Hybrids, Inc. 5147 W. Franklin Rd. Evansville, IN 47712
	Z27	A	Yellow	2X	
	Z28	A	Yellow	2X	
	Z35	B	Yellow	2X	
	Z45	A	Yellow	2X	
	Z60W	A	White	2X	
K.A.E.S.	FR27xLH38	A	Yellow	2X	Illinois Foundation Seeds, Inc. P.O. Box 722 Champaign, IL 61820
	FR27xMo17	A	Yellow	2X	
	FR27xPa91	A	Yellow	2X	

* A = Performance Test, B = Virus Test

** 2X = Single Cross, 3X = Threeway Cross, 2X(Mod) = Modified Single Cross

TABLE 3.—AGRONOMIC INFORMATION FOR 1986 TEST LOCATIONS

	<u>Location and Cooperator</u>	<u>Soil Type</u>	<u>Fertilizer</u> Lb/A	<u>Herbicide</u>	<u>Insecticide</u>	<u>Planting</u> <u>Dates</u>	<u>Harvest</u> <u>Dates</u>	<u>Comments</u>
1)	Bardwell, KY Dennis Wilson Fancy Farm, KY	Loring Silt Loam	N -150 P ₂ O ₅ -90 K ₂ O ₅ -90	Aatrex & Paraquat/ Surfactant	Furadan	April 29	Sept. 23	No-till, Corn residue & Wheat Stubble
2)	Princeton, KY Western Kentucky Research & Ed. Center	Huntington & Lindside Silt Loam	N - 150 P ₂ O ₅ -None K ₂ O ₅ -100	Eradicane & Bladex	Furadan	April 24	Sept. 17	
3)	Henderson, KY James H. Buley Rt. 1, Reed, KY	Huntington Silt Loam	N - 140 P ₂ O ₅ - 0 K ₂ O ₅ - 0	Aatrex & Lasso	DyPonate	May 5	Sept. 16	
4)	Morganfield, KY Gerald Hunter and J.K. Waller	Wilbur Silt Loam	N - 180 P ₂ O ₅ -60 K ₂ O ₅ -100	Sutazine, Aatrex, & Tandem	Furadan	April 9	Sept. 15	
5)	Russellville, KY Steve Rodgers Rt. 1, Adairville, KY	Western Pennyroyal	N - 140 P ₂ O ₅ -70 K ₂ O ₅ -200 Sulfamag 22 - 75	Sutan & Aatrex	Furadan	April 8	Sept. 10 & 11	
6)	Shelbyville, KY Ellis Farms - Mike Ellis	Nicholson Silt Loam	N - 150 P ₂ O ₅ -200 K ₂ O ₅ -400	Aatrex, Princep, 2-4D, Banvel, Paraquat/ Surfactant	Furadan	April 30	Sept. 25	Nitrogen Split 90- 60. No-till wheat/ soybean stubble
7)	Frankfort, KY Wilbert and Roger Perkins	Huntington Silt Loam	N - 70 P ₂ O ₅ -None K ₂ O ₅ -200	Eradicane & Aatrex	DyPonate	May 22	Oct. 17	
8)	Lexington, KY K.A.E.S. Spindletop Farm	Lanton Silt Loam	N - 150 P ₂ O ₅ -None K ₂ O ₅ -100	Eradicane & Aatrex	Furadan	May 2	Sept. 8 & 9	
9)	Quicksand, KY Robinson Forest Station	Philo Silt Loam	N - 110 P ₂ O ₅ -50 K ₂ O ₅ - 50	Aatrex, Lasso, & Banvel	Furadan	April 23	Oct. 8	

TABLE 4.—ANNUAL SUMMARY, BARDWELL

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1986	MOIST 1986	STAND 1986	LODGED 1986
YELLOW HYBRIDS				
NORTHROP-KING PX95	102.1	20.3	69.9	13.5
SEEDTEC H-2675	101.1	19.0	68.5	7.8
DEKALB-PFIZER DK689	99.7	17.3	72.7	9.8
PRAIRIE STREAM 702	99.5	18.3	72.7	4.7
D&H SEEDS DH7183	98.6	18.6	72.7	5.2
AGRIPRO HP555	98.4	18.2	80.1	15.4
COKER 3030	97.2	19.0	71.8	10.8
DEKALB-PFIZER DK711	95.9	18.2	64.8	6.1
NORTHROP-KING PX9581	94.5	19.3	67.6	12.2
SELECT SEED 8400	94.3	17.9	77.3	14.4
PIONEER BRAND 3320	93.0	18.5	71.3	10.0
PIONEER BRAND 3165	92.8	20.6	73.1	9.5
CAVERNDAL FM. CF6065	92.3	18.7	68.5	9.9
MCCURDY 7676	92.3	16.9	69.0	11.6
DEKALB-PFIZER DK748	91.8	19.3	78.7	10.0
GOLDEN AC. T-E 6996	90.4	19.1	61.1	9.1
AGRIGOLD A-6865	90.2	18.9	64.8	12.4
DENNIS DS642	88.6	17.5	66.7	13.0
SO. CROSS 511	88.6	19.5	69.9	14.4
FUNK'S G-4635	87.9	17.2	69.9	10.8
LEADER SX717	87.8	18.5	70.4	12.3
DENNIS DS645	87.7	17.4	73.6	15.1
AGRATECH GK900	87.2	19.1	62.0	9.8
BECK'S 85XA	86.3	19.8	74.1	21.1
PFISTER HYBRIDS 4575	85.4	18.2	68.1	19.6
PFISTER HYBRIDS 4470	85.3	17.6	68.5	9.6
GUTWEIN 2820	84.9	17.8	60.6	10.7
BO-JAC 905	84.7	17.3	59.7	18.4
CROW'S 666	82.9	16.8	71.3	9.4
CAMPBELL C960	82.2	19.3	67.6	11.8
JACQUES 8100	82.1	17.5	63.0	10.3
ASGROW/O'S GOLD 2570	81.7	16.7	67.1	17.5
PAYMASTER 8990	81.5	18.4	64.8	11.4
FUNK'S RA1502	80.9	18.5	59.3	8.4
FUNK'S G-4868	79.8	21.7	63.9	12.5
GARST SEED 8185	79.7	17.1	63.4	11.0
AGRATECH GK750	79.0	16.9	69.4	9.1
AGRIPRO 830	78.6	16.6	67.1	8.7
GARST SEED 8388	78.3	16.8	78.2	14.6
AGRATECH GK925	78.2	18.0	59.3	16.0
ZIMMERMAN 228	77.9	18.1	62.5	14.8
SELECT SEED 5188-S	77.7	16.6	61.6	7.7
CROW'S 688	77.5	18.4	50.9	7.0
P.A.G. SX351	77.4	15.5	75.5	18.0
CARGILL 980	77.3	18.7	68.5	15.8
PRINCETON SX865	77.3	17.1	55.6	19.7
AGRIPRO AP670	77.0	17.3	68.1	11.9
SUPER CROST 7576	77.0	18.7	59.7	8.8
CARGILL 973	76.6	18.4	81.9	20.0
JACOBI 6700	76.3	17.6	65.7	15.7
GARST SEED 8345	76.2	16.7	63.9	19.7
COLBERT 345	75.7	18.6	66.7	13.6
NORTHROP-KING PX9646	75.6	17.9	63.4	18.8
ASGROW/O'S GOLD RX860	75.1	18.9	71.8	9.7
SELECT SEED 9131	75.0	18.8	52.8	19.7
SEEDTEC SP-7750	74.5	17.8	69.9	23.3
AGRIGOLD XA102	74.3	18.5	69.4	17.2
COLBERT 320	74.1	17.5	68.5	11.4
STEWART SEEDS SX87	73.9	18.1	63.9	11.4
CARGILL 971	73.6	18.1	63.9	9.5
SUPER CROST 5438	73.4	16.4	63.9	14.6
PRINCETON SX860	72.5	17.6	66.2	10.4
ADLERS 88X	72.4	18.6	74.1	25.1
STEWART HYBRIDS S-6973	72.4	17.6	70.8	12.5
DENNIS DS537	72.3	18.5	55.6	18.0
SUN PRAIRIE SP240	72.3	16.9	69.0	9.8
ZIMMERMAN Z45	71.9	17.6	74.5	21.4
ZIMMERMAN Z27	71.8	17.1	67.6	10.8
D&H SEEDS DH9113	71.8	17.9	55.1	15.3
JACQUES 8700	71.7	18.4	56.0	14.1

TABLE 4.—BARDWELL (continued)

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1986	MOIST 1986	STAND 1986	LODGED 1986
YELLOW HYBRIDS				
STAUFFER S7759	71.7	16.8	68.5	14.2
GOLD MEDAL 954	71.6	17.2	75.5	27.0
GARST SEED 8344	71.2	16.6	69.0	13.8
JACOBI 8801	71.2	17.7	67.6	8.5
LYNKS LX4533	71.1	18.1	70.4	28.5
GUTWEIN 2660	70.7	17.2	59.7	14.5
FR27 X LH38	70.7	16.6	60.6	10.5
LYNKS LX4355	70.6	17.6	64.4	17.1
COKER 8625	70.4	16.9	72.2	18.0
FUNK'S G-4522	70.4	18.0	58.3	24.3
STAUFFER S8505	70.4	17.8	61.1	18.7
JACQUES 8350	70.1	17.0	61.6	9.8
STEWART HYBRIDS S-7366	70.1	18.1	58.3	22.9
ASGROW/O'S GOLD RX892	69.9	18.8	57.4	8.2
BO-JAC 601	69.7	16.7	74.1	14.8
P.A.G. SX352	69.7	16.1	71.8	15.1
AGRIGOLD XA103	69.2	17.4	67.6	6.9
STEWART HYBRIDS S-7551	69.1	18.3	55.6	12.0
AGRIPRO 820	68.8	17.3	71.3	8.7
SO. STATES SS728	68.6	17.0	81.0	27.9
CARGILL 967	68.5	16.4	67.6	20.0
PIONEER BRAND 3352	68.0	16.5	53.7	14.8
PAYMASTER 7989	67.8	15.9	68.5	18.1
PRAIRIE STREAM SX730	67.1	17.9	64.4	13.0
FUNK'S G-4513	67.0	17.3	62.5	15.4
BECK'S 89X	66.9	16.6	70.8	19.1
SO. STATES SS737	66.8	16.7	65.7	12.9
BO-JAC 674	66.8	17.4	72.2	17.2
JACOBI 6600	66.3	17.5	53.2	13.1
PAYMASTER 7990	65.4	16.4	61.6	10.8
SUPER CROST 5460	65.2	16.4	60.6	11.4
FR27 X M017	65.1	16.3	59.7	11.9
FR27 X PA91	64.0	19.8	68.5	17.6
SO. CROSS 711	63.8	17.9	58.8	12.8
ADLERS 5990	63.8	17.7	79.6	13.1
SCOTT SEED LR880	63.0	18.4	63.4	13.1
COKER 8620	62.6	16.5	65.7	12.7
SUN PRAIRIE SP2750	61.5	17.1	63.9	10.1
GOLDEN AC. T-E 6998	61.4	19.1	65.3	15.5
ASGROW/O'S GOLD RX798	61.1	17.3	47.7	13.2
NORTHROP-KING PX79	60.7	15.8	64.8	17.1
MCCURDY 84AA	60.3	18.6	60.2	11.8
GOLDEN AC. T-E 6995A	60.3	17.5	66.2	15.0
SO. STATES SS565	58.9	16.5	69.4	35.4
SEEDTEC ST-7625	58.4	16.7	62.5	25.3
USS AG-CHEM USS7001	58.2	17.3	56.9	16.4
STEWART SEEDS SX69	56.2	16.7	55.6	16.1
D&H SEEDS DH7144	56.0	17.5	47.2	11.7
GOLD MEDAL 580	53.9	17.0	46.8	11.0
SO. STATES SS811	52.7	18.0	66.7	10.2
COLBERT 326	51.3	16.8	57.9	27.0
P.A.G. 7567	48.1	16.5	57.4	16.9
CROW'S 488	39.0	16.0	44.0	42.4
YELLOW AVERAGE	74.9	17.7	65.5	14.4
WHITE HYBRIDS				
ZIMMERMAN Z60W	90.7	18.6	73.1	12.1
COKER 833W	84.7	18.8	72.2	12.1
PIONEER BRAND 3144W	81.3	18.3	72.2	2.0
AGRIGOLD A-6795W	75.9	18.9	68.5	8.8
SO. STATES SS917W	75.5	20.3	74.5	4.4
ZIMMERMAN Z14W	74.8	19.6	69.4	10.2
VINEYARD SEED MV-68W	68.7	18.5	73.6	7.4
VINEYARD SEED MV-58W	64.2	17.5	74.1	10.4
FUNK'S X6044W	61.5	19.0	67.6	18.3
WHITE AVERAGE	75.2	18.8	71.7	9.5
GRAND AVERAGE	74.9	17.8	65.9	14.1
LSD(0.10)	16.6	1.2	13.3	11.4
C.V.	16.5	5.0	14.8	60.0

TABLE 5.—ANNUAL SUMMARY, PRINCETON

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1986	MOIST 1986	STAND 1986	LODGED 1986
YELLOW HYBRIDS				
BO-JAC 674	160.6	17.9	90.3	2.0
ZIMMERMAN 227	154.0	18.9	87.5	8.9
DENNIS DS645	153.0	19.9	81.5	4.0
FUNK'S G-4522	151.9	18.7	84.7	4.6
GARST SEED 8344	149.4	18.4	87.5	3.2
ZIMMERMAN 245	148.1	18.4	86.1	5.6
GARST SEED 8388	147.3	18.4	89.8	2.0
DEKALB-PFIZER DK689	146.9	19.3	87.0	3.7
AGRIGOLD XA103	141.6	19.1	81.0	4.4
FR27 X M017	141.4	17.8	81.5	3.4
PIONEER BRAND 3165	140.0	22.3	81.9	0.5
JACQUES 8350	139.4	18.8	84.7	3.9
AGRIPRO AP670	139.2	18.0	87.0	6.4
AGRATECH GK750	138.8	17.8	87.0	3.1
SUN PRAIRIE SP240	137.2	18.2	87.5	3.0
AGRATECH GK900	135.8	20.1	92.6	9.9
AGRIPRO HP555	134.0	18.9	84.7	6.2
PAYMASTER 7990	133.8	17.6	92.1	13.1
PIONEER BRAND 3320	133.3	19.8	88.9	10.0
DENNIS DS642	132.9	16.8	85.6	5.4
GOLD MEDAL 954	132.9	19.4	88.9	3.2
SO. CROSS 511	132.7	21.2	80.1	4.0
MCCURDY 7676	132.5	18.8	83.8	4.9
GOLDEN AC. T-E 6998	132.3	19.5	88.4	3.8
CAMPBELL C960	132.3	20.6	83.3	6.5
FUNK'S RA1502	131.9	18.6	86.1	4.8
CROW'S 488	131.8	17.0	80.1	3.4
GARST SEED 8345	130.9	19.4	81.5	3.5
AGRATECH GK925	130.8	22.0	88.9	2.5
COKER 8620	129.1	17.6	91.7	5.6
DEKALB-PFIZER DK711	128.8	19.4	87.0	4.3
P. A. G. SX351	128.7	19.8	88.4	10.3
DEKALB-PFIZER DK748	128.0	20.2	83.8	2.3
ASGROW/O'S GOLD 2570	127.7	17.3	83.3	9.7
LYNKS LX4533	127.3	18.8	86.6	4.7
JACOBI 6700	127.1	18.1	85.6	3.2
NORTHROP-KING PX79	126.2	16.3	88.4	3.2
USS AG-CHEM USS7001	125.9	17.9	85.6	4.0
D&H SEEDS DH7183	125.8	19.2	91.2	5.6
COLBERT 326.	125.6	18.7	81.0	4.6
SO. STATES SS728	125.6	17.8	88.9	3.6
FUNK'S G-4868	125.4	22.4	91.2	4.0
STAUFFER S8505	125.2	18.7	91.7	2.0
P. A. G. SX352	125.0	17.3	87.5	4.8
PAYMASTER 7989	124.2	18.1	84.3	4.2
SELECT SEED 5188-S	124.2	19.3	90.7	1.1
JACOBI 8801	123.6	20.5	89.4	4.1
SEEDTEC.SP-7750	123.1	18.1	88.4	5.8
LYNKS LX4355	123.1	17.5	89.4	1.0
SUPER CROST 5460	123.0	19.1	84.7	1.8
SUPER CROST 5438	122.6	19.0	91.7	1.6
D&H SEEDS DH9113	122.4	19.9	88.0	2.0
AGRIPRO 820	122.1	16.7	92.6	3.5
LEADER SX717	121.6	19.2	81.5	0.6
STEWART SEEDS SX69	121.6	17.6	83.8	4.6
CARGILL 973	121.3	19.4	85.2	3.3
COKER 8625	121.3	19.3	85.2	4.6
BO-JAC 601	120.8	18.7	86.6	5.1
PFISTER HYBRIDS 4470	120.4	18.6	82.4	5.6
SEEDTEC H-2675	120.4	18.8	81.5	10.3
PFISTER HYBRIDS 4575	120.3	20.2	83.3	1.1
COLBERT 345	120.2	20.0	93.1	5.5
PIONEER BRAND 3352	119.9	16.4	86.6	3.1
JACQUES 8100	119.8	16.8	87.5	6.3
BO-JAC 905	119.6	19.0	89.8	6.9
BECK'S 89X	119.4	18.6	87.5	4.2
SO. STATES SS737	119.3	16.8	85.2	4.9
PRINCETON SX865	118.8	17.4	80.1	3.3
ADLERS 88X	118.0	21.1	91.7	6.9
CARGILL 971	116.3	18.8	84.7	3.9

TABLE 5.—PRINCETON (continued)

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1986	MOIST 1986	STAND 1986	LODGED 1986
YELLOW HYBRIDS				
SELECT SEED 9131	116.0	18.1	92.1	11.7
NORTHROP-KING PX9581	115.7	19.8	85.6	14.7
GUTWEIN 2660	115.6	18.1	84.7	2.3
ASGROW/O'S GOLD RX860	115.4	21.3	84.7	1.1
GUTWEIN 2820	115.1	19.9	86.1	3.8
GARST SEED 8185	114.6	19.5	81.5	3.1
SO. STATES SS565	113.7	17.2	86.1	3.2
FUNK'S G-4513	113.5	17.9	90.3	1.5
CARGILL 967	113.1	19.2	92.6	7.4
D&H SEEDS DH7144	112.5	19.5	82.9	1.1
ADLERS 5990	112.4	18.0	89.8	2.6
PRAIRIE STREAM 702	112.2	17.2	88.0	6.1
FR27 X PA91	111.7	20.0	81.5	9.0
PAYMASTER 8990	111.5	20.4	89.4	13.4
STEWART HYBRIDS S-7366	111.1	18.9	83.8	5.0
COLBERT 320	110.9	18.1	88.4	4.1
FUNK'S G-4635	110.7	17.8	89.8	3.5
ASGROW/O'S GOLD RX798	110.5	17.9	84.7	4.3
JACOBI 6600	110.3	17.4	89.8	4.7
STEWART HYBRIDS S-6973	110.2	19.3	86.6	11.8
STEWART SEEDS SX87	109.8	20.5	77.3	2.3
JACQUES 8700	109.8	20.0	89.8	3.6
SUPER CROST 7576	109.6	19.5	85.6	3.1
PRAIRIE STREAM SX730	109.6	19.4	88.0	3.0
CAVERNDAL FM. CF6065	109.3	19.5	83.3	17.0
SO. STATES SS811	109.1	18.2	87.0	8.0
CROW'S 688	107.9	20.6	84.7	5.3
SEEDTEC ST-7625	107.8	18.2	88.4	4.7
SO. CROSS 711	107.0	19.4	81.0	1.2
MCCURDY 84AA	106.8	19.7	83.3	6.7
STEWART HYBRIDS S-7551	106.5	18.9	82.4	3.4
GOLDEN AC. T-E 6996	106.4	19.8	87.0	9.5
ZIMMERMAN Z28	106.3	18.6	90.7	9.2
FR27 X LH38	106.0	15.7	74.1	5.5
AGRIPRO 830	105.9	18.7	80.1	3.7
ASGROW/O'S GOLD RX892	105.8	20.0	88.0	2.1
AGRIGOLD XA102	105.1	19.4	82.9	3.0
COKER 3030	104.3	20.4	80.1	5.1
NORTHROP-KING PX9646	104.3	20.2	84.3	5.6
BECK'S 85XA	103.9	20.5	82.9	15.1
SELECT SEED 8400	103.4	18.8	87.5	25.4
STAUFFER S7759	103.0	17.2	88.0	5.3
GOLDEN AC. T-E 6995A	102.7	18.2	84.7	8.4
GOLD MEDAL 580	101.9	18.4	82.4	4.5
DENNIS DS537	101.4	17.6	84.3	6.9
AGRIGOLD A-6865	100.7	20.4	84.3	2.5
CROW'S 666	99.7	17.2	82.9	2.8
SUN PRAIRIE SP2750	97.8	18.3	89.4	2.5
PRINCETON SX860	96.5	19.3	83.3	1.1
CARGILL 980	95.9	20.9	88.0	5.7
SCOTT SEED LR880	90.9	21.6	78.7	4.7
P.A.G. 7567	90.8	16.7	83.8	5.0
NORTHROP-KING PX95	79.9	20.7	88.0	3.6
YELLOW AVERAGE	120.0	18.9	86.0	5.1
WHITE HYBRIDS				
SO. STATES SS917W	133.3	20.8	88.9	7.7
AGRIGOLD A-6795W	126.2	22.0	81.5	6.9
PIONEER BRAND 3144W	124.0	19.9	91.2	1.0
ZIMMERMAN Z14W	122.7	22.4	81.9	2.7
ZIMMERMAN Z60W	120.3	21.2	91.7	9.4
VINEYARD SEED MV-68W	115.1	20.1	88.4	1.6
FUNK'S X6044W	114.0	21.6	93.1	15.8
VINEYARD SEED MV-58W	102.9	18.4	86.6	1.1
COKER 833W	96.8	21.1	85.2	5.2
WHITE AVERAGE	117.2	20.8	87.6	5.7
GRAND AVERAGE	119.8	19.0	86.1	5.1
LSD(0.10)	30.4	1.7	8.3	5.9
C.V.	18.8	6.3	7.0	81.7

TABLE 6.—ANNUAL SUMMARY, MORGANFIELD

VARIETY	YIELD	YIELD	YIELD	AVG %	AVG %	AVG %
	BU/AC 84-86	BU/AC 85-86	BU/AC 1986	MOIST 1986	STAND 1986	TOTAL % LODGED 1986
YELLOW HYBRIDS						
ZIMMERMAN Z27	159.7	149.2	185.7	19.0	83.8	0.0
ADLERS 88X	176.9	170.6	184.2	22.0	88.0	0.5
FR27 X PA91			182.9	23.4	82.9	0.6
COLBERT 326	159.8	145.6	182.8	18.7	77.3	0.0
ASGROW/O'S GOLD 2570	165.9	157.1	182.1	19.4	80.1	0.0
DENNIS DS642	171.0	155.4	179.7	19.1	85.6	0.0
PFISTER HYBRIDS 4470			179.4	19.4	88.9	2.5
COLBERT 345	171.0	151.7	177.8	20.9	85.6	4.8
GOLDEN AC. T-E 6998	164.4	156.2	177.7	22.3	87.0	0.5
DEKALB-PFIZER DK711			175.8	20.7	94.0	0.0
BO-JAC 601			174.9	18.3	88.0	2.5
DEKALB-PFIZER DK748	163.6	152.9	173.6	20.2	86.6	0.0
PIONEER BRAND 3320	168.9	161.5	173.3	20.7	87.5	2.0
SO. STATES SS737		144.1	173.1	19.4	77.3	8.1
PIONEER BRAND 3165		149.9	172.7	24.5	81.0	0.0
DEKALB-PFIZER DK689		147.4	172.5	19.7	90.3	0.5
GOLDEN AC. T-E 6996	164.9	156.6	172.3	20.5	82.4	2.9
SUN PRAIRIE SP240			172.0	19.0	84.3	0.6
PRAIRIE STREAM 702			171.1	19.0	81.0	0.5
GARST SEED 8345			170.9	18.0	92.1	0.5
SO. CROSS 511			170.5	20.9	86.6	1.7
STAUFFER S7759	158.4	145.4	169.4	19.0	85.6	0.5
P.A.G. SX351	165.1	150.1	169.3	19.4	75.9	1.6
CROW'S 666			169.1	18.7	82.4	1.1
CARGILL 967	170.5	156.1	169.0	20.1	86.6	1.5
JACOBI 8801			168.9	18.9	83.8	0.0
JACQUES 8700		144.2	168.4	20.7	84.3	0.5
PFISTER HYBRIDS 4575			168.0	19.7	88.0	0.6
AGRIPRO HP555	160.1	145.7	167.8	19.5	81.9	0.5
SEEDTEC SP-7750		149.5	167.6	18.4	87.0	1.0
STEWART HYBRIDS S-6973	153.7	147.3	166.1	19.0	80.6	0.0
FUNK'S G-4513			165.9	19.0	93.1	2.1
SUN PRAIRIE SP2750			165.7	18.1	87.5	0.0
MCCURDY 7676		143.4	165.4	18.1	88.4	0.5
FUNK'S G-4635			165.4	19.2	88.0	0.0
JACQUES 8100	156.9	144.1	164.8	18.9	80.1	1.7
COLBERT 320			164.6	18.3	85.2	1.6
SUPER CROST 7576		138.7	164.2	19.1	83.3	0.0
CARGILL 971		165.6	164.0	20.2	76.9	1.1
NORTHROP-KING PX9646			163.9	21.4	79.2	0.0
NORTHROP-KING PX9581	153.3	144.4	162.7	19.7	93.5	4.9
PIONEER BRAND 3352			162.6	16.8	83.8	0.0
FUNK'S RA1502	159.0	145.0	162.2	19.4	93.5	2.3
AGRIGOLD XA102			161.9	20.5	85.6	0.0
COKER 8620			160.3	19.2	84.7	0.0
AGRATECH GK900	142.8	125.8	159.9	21.2	80.6	8.4
SELECT SEED 5188-S			159.7	18.9	84.7	1.1
BECK'S 89X		150.0	159.4	18.9	85.6	0.0
PAYMASTER 8990	154.6	140.6	159.0	21.2	78.2	1.2
D&H SEEDS DH7183	160.2	142.7	158.8	20.0	81.9	0.0
GUTWEIN 2660			158.7	18.8	73.1	0.6
SO. STATES SS728		126.7	158.5	19.2	81.9	0.0
NORTHROP-KING PX95	155.8	146.5	158.3	22.8	74.1	1.2
CARGILL 973			157.4	19.9	85.6	1.6
SUPER CROST 5460		135.7	157.1	18.9	88.4	0.0
SELECT SEED 8400	156.6	139.2	156.5	18.8	87.0	1.9
GOLDEN AC. T-E 6995A			156.2	17.2	81.9	0.6
GUTWEIN 2820		129.6	156.2	20.1	75.9	0.7
AGRATECH GK750			156.1	18.2	81.5	0.0
PAYMASTER 7989			156.0	17.8	80.6	6.3
GARST SEED 8388			154.6	18.4	89.4	1.0
SELECT SEED 9131	156.4	141.6	154.5	19.9	86.6	2.0
BO-JAC 674	161.3	152.7	153.9	18.3	83.8	1.1
ZIMMERMAN Z28		144.3	153.5	19.1	79.6	0.5
CARGILL 980	157.3	133.8	152.8	21.4	76.4	0.6
USS AG-CHEM USS7001	142.3	132.2	152.8	18.2	78.7	3.0
SO. CROSS 711			152.3	19.3	79.2	2.2
SO. STATES SS811	143.3	125.6	152.1	21.1	71.8	0.0
CROW'S 688	147.6	127.3	151.4	19.8	74.5	0.0

TABLE 6.—MORGANFIELD (continued)

VARIETY	YIELD BU/AC 84-86	YIELD BU/AC 85-86	YIELD BU/AC 1986	AVG % MOIST 1986	AVG % STAND 1986	TOTAL % LODGED 1986
YELLOW HYBRIDS						
JACOBI 6600	149.1	145.5	151.3	19.1	87.0	1.7
FUNK'S G-4868			151.0	23.1	82.4	0.7
LYNKS LX4533			151.0	19.3	81.9	3.2
DENNIS DS537			150.9	19.6	80.6	2.6
FUNK'S G-4522	150.6	136.0	150.9	19.1	77.8	0.0
SCOTT SEED LR880	156.0	142.9	150.5	23.3	75.0	0.0
LYNKS LX4355			150.1	19.1	79.2	0.0
ZIMMERMAN Z45			148.9	18.5	79.6	0.0
D&H SEEDS DH7144			148.9	19.3	76.4	0.6
ADLERS 5990			148.7	19.5	77.3	0.6
P. A. G. SX352		146.1	148.2	18.7	76.9	0.0
GOLD MEDAL 954			148.0	18.8	80.1	3.7
ASGROW/O'S GOLD RX892		119.5	147.8	21.0	83.8	0.0
PAYMASTER 7990		155.8	147.1	20.2	79.2	0.5
STEWART HYBRIDS S-7366			146.6	18.9	77.8	0.0
COKER 8625		127.9	146.2	18.8	76.9	0.0
FR27 X M017			145.4	18.7	77.8	2.1
COKER 3030			145.3	19.8	87.5	1.5
STEWART SEEDS SX87			145.0	19.8	76.9	0.7
P. A. G. 7567			145.0	16.7	86.6	2.2
BECK'S 85XA	142.6	143.2	144.8	20.6	66.7	0.0
STEWART SEEDS SX69			144.8	17.6	79.6	4.0
ASGROW/O'S GOLD RX798			144.7	19.2	69.4	0.5
CAMPBELL C960	153.5	142.3	144.7	21.9	80.6	2.8
DENNIS DS645			143.2	20.1	82.9	0.0
NORTHROP-KING PX79		129.0	142.7	19.2	86.6	2.6
SO. STATES SS565			142.5	15.3	76.9	1.5
D&H SEEDS DH9113	153.6	139.2	142.2	20.8	76.4	0.0
PRAIRIE STREAM SX730	143.3	130.7	141.0	20.3	74.5	0.0
SUPER CROST 5438	152.4	138.1	140.9	18.9	73.1	0.0
STAUFFER S8505			140.7	20.4	80.6	1.0
SEEDTEC ST-7625			140.7	19.1	82.4	0.0
JACOBI 6700	151.8	141.4	140.5	18.9	68.1	0.0
STEWART HYBRIDS S-7551			140.5	19.5	75.5	0.6
CAVERNDALE FM. CP6065	143.7	124.6	139.6	22.6	75.5	7.0
ASGROW/O'S GOLD RX860			139.2	19.4	75.0	1.1
SEEDTEC H-2675	156.4	139.3	139.1	19.8	86.1	0.6
AGRIPRO 830			139.1	18.4	74.5	2.4
LEADER SX717	130.6	106.8	138.1	19.8	79.2	0.0
JACQUES 8350		121.6	138.0	19.7	77.8	0.6
AGRIPRO 820			136.5	18.3	69.4	0.0
CROW'S 488			136.0	16.7	75.5	1.2
GARST SEED 8185			135.9	18.9	75.5	0.0
PRINCETON SX865			135.1	19.2	66.2	0.7
PRINCETON SX860	138.3	123.6	131.8	20.8	83.3	0.0
MCCURDY 84AA	149.0	137.0	131.0	21.1	79.2	0.5
AGRIGOLD A-6865	158.6	135.0	130.9	20.8	82.4	0.0
AGRIGOLD XA103			129.6	20.4	81.0	0.0
BO-JAC 905		129.7	128.8	18.9	83.8	1.6
GOLD MEDAL 580			126.9	18.2	75.0	0.6
FR27 X LH38			122.5	17.8	74.5	0.0
AGRIPRO AP670			121.7	18.5	72.7	1.3
AGRATECH GK925	137.2	102.4	107.0	21.9	70.8	0.0
YELLOW AVERAGE	155.3	141.2	154.9	19.6	81.2	1.1
WHITE HYBRIDS						
PIONEER BRAND 3144W			170.8	21.0	83.3	1.6
ZIMMERMAN Z14W	154.0	146.2	169.5	21.7	85.2	1.7
SO. STATES SS917W			166.8	23.4	84.3	1.0
AGRIGOLD A-6795W	145.0	132.6	161.2	24.8	83.8	0.0
VINEYARD SEED MV-58W	153.9	143.2	153.5	21.1	81.9	1.7
FUNK'S X6044W			149.2	26.0	81.9	0.0
ZIMMERMAN Z60W			141.8	22.9	77.3	0.5
COKER 833W	133.7	117.2	139.3	26.9	80.1	0.5
VINEYARD SEED MV-68W	130.4	112.0	131.1	24.2	74.1	1.2
WHITE AVERAGE	143.4	130.2	153.7	23.6	81.3	0.9
GRAND AVERAGE	154.1	140.4	154.8	19.8	81.2	1.1
LSD(0.10)			28.0	1.6	11.5	3.0
C.V.			13.4	5.5	10.2	198.6

TABLE 7.—ANNUAL SUMMARY, RUSSELLVILLE

VARIETY	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 84-86	BU/AC 85-86	BU/AC 1986	MOIST 1986	STAND 1986	LODGED 1986
YELLOW HYBRIDS						
PRAIRIE STREAM 702			180.7	16.3	87.5	2.1
P. A. G. SX351	139.3	133.7	178.5	17.1	88.0	1.6
STAUFFER S8505			178.2	19.5	84.3	0.5
CARGILL 980	137.1	137.2	176.5	19.9	92.1	4.3
PAYMASTER 8990	137.3	132.7	176.5	19.7	88.0	5.2
NORTHROP-KING PX9646			176.0	18.7	88.4	2.6
PFISTER HYBRIDS 4470			175.3	18.2	95.4	0.5
COLBERT 345	133.1	135.0	175.1	19.3	85.6	2.2
D&H SEEDS DH7144			174.4	18.8	93.1	0.5
PAYMASTER 7990		135.0	174.1	18.2	85.6	0.0
CARGILL 971		131.5	172.2	18.6	92.6	0.5
SO. CROSS 511			171.8	19.9	80.6	0.0
SEEDTEC H-2675	133.9	134.8	171.4	19.4	83.8	2.1
ZIMMERMAN Z28		145.3	171.4	18.9	88.9	2.0
STEWART HYBRIDS S-6973	129.0	129.2	171.3	19.4	90.3	2.0
SUN PRAIRIE SP240			171.1	17.0	93.5	0.0
ASGROW/O'S GOLD RX892		126.8	170.5	18.6	83.8	0.5
COLBERT 320			170.2	18.4	81.5	4.5
AGRATECH GK900	131.4	134.7	170.1	20.8	93.1	1.6
CAVERNDAL FM. CF6065	136.1	136.9	170.0	20.7	90.7	0.0
SUPER CROST 5438	132.4	126.0	169.7	17.0	95.4	2.4
COLBERT 326	138.5	130.5	169.5	17.5	92.6	3.0
PIONEER BRAND 3352			169.5	16.4	88.0	0.5
STAUFFER S7759	138.5	131.9	168.9	18.0	92.1	1.5
MCCURDY 84AA	124.3	125.0	168.6	19.7	81.0	0.0
DEKALB-PFIZER DK748	133.8	132.0	168.5	18.7	89.4	0.0
PFISTER HYBRIDS 4575			168.2	19.5	82.4	0.5
SO. STATES SS811	130.2	127.6	167.4	18.1	93.5	1.5
JACOBI 8801			166.9	19.3	85.6	3.2
GARST SEED 8344		135.3	166.2	17.8	88.9	1.1
PIONEER BRAND 3320	134.3	130.4	166.0	17.8	86.1	2.8
ASGROW/O'S GOLD 2570	142.2	133.4	165.8	18.1	82.4	3.4
AGRIGOLD A-6865	128.7	133.5	164.9	19.7	81.0	1.1
CROW'S 666			164.9	17.6	86.1	2.7
GOLDEN AC. T-E 6996	131.9	131.2	164.4	21.0	90.7	1.0
AGRIPRO HP555	134.2	127.9	164.3	19.2	90.7	3.2
SELECT SEED 8400	135.3	127.5	164.3	17.9	94.0	6.1
JACQUES 8700		118.8	164.1	18.6	91.7	0.5
GARST SEED 8185			163.7	18.7	89.8	1.5
FR27 X PA91			163.7	19.8	87.0	0.0
FUNK'S RA1502	136.1	127.0	163.6	18.2	88.4	0.5
FUNK'S G-4635			163.5	18.9	85.6	1.6
FUNK'S G-4513			163.5	16.7	92.1	1.5
LEADER SX717	130.0	125.0	163.3	20.0	89.4	2.1
USS AG-CHEM USS7001	130.5	128.1	163.2	20.3	88.0	0.0
SEEDTEC ST-7625			163.0	18.1	88.4	0.0
ADLERS 88X	128.3	125.8	162.3	19.9	84.7	3.9
AGRATECH GK925	126.5	117.9	162.3	19.5	86.6	1.1
NORTHROP-KING PX9581	130.5	127.0	162.2	19.1	88.0	2.1
D&H SEEDS DH7183	130.1	127.0	162.1	18.8	80.6	2.4
MCCURDY 7676		130.0	161.5	18.7	88.4	1.6
BO-JAC 674	124.5	123.5	161.1	18.4	89.4	0.0
CROW'S 488			161.0	17.0	90.7	0.0
GOLDEN AC. T-E 6998	119.0	119.6	160.8	20.2	87.5	2.8
ZIMMERMAN Z45			160.8	18.7	86.1	1.0
SUPER CROST 7576		125.3	160.6	19.8	89.8	1.0
CAMPBELL C960	130.7	132.7	160.5	20.2	85.2	0.0
DENNIS DS642	141.7	135.8	160.5	17.6	87.5	3.6
GARST SEED 8345			160.3	18.1	90.3	1.5
AGRIPRO 830			160.2	18.0	82.4	1.1
SELECT SEED 9131	132.7	133.7	159.7	18.7	88.9	1.5
ASGROW/O'S GOLD RX798			159.7	17.1	87.0	0.0
COKER 8620			159.3	17.5	91.2	0.0
GUTWEIN 2820		120.3	158.9	18.5	83.3	0.0
DENNIS DS645			158.6	20.0	87.5	1.5
COKER 3030			158.1	18.8	88.4	2.4
FR27 X MO17			158.0	17.6	80.6	2.9
STEWART HYBRIDS S-7366			157.9	18.1	94.4	1.5
NORTHROP-KING PX79		128.8	157.7	16.0	95.8	0.5
SO. STATES SS728		128.7	157.6	17.3	83.3	1.1

TABLE 7.—RUSSELLVILLE (continued)

VARIETY	YIELD BU/AC 84-86	YIELD BU/AC 85-86	YIELD BU/AC 1986	AVG % MOIST 1986	AVG % STAND 1986	TOTAL % LODGED 1986
YELLOW HYBRIDS						
DEKALB-PFIZER DK711			157.5	20.0	92.6	3.5
BO-JAC 905		134.2	157.3	17.9	87.5	2.2
JACOBI 6600	127.7	126.8	157.2	17.1	86.6	1.0
PAYMASTER 7989			156.8	16.9	88.0	1.5
SUPER CROST 5460		130.5	156.6	17.5	95.4	0.0
ZIMMERMAN Z27	127.8	126.2	156.5	17.7	82.4	0.6
PIONEER BRAND 3165		134.1	156.5	20.7	87.5	0.0
AGRIGOLD XA102			156.3	18.7	91.2	2.0
DENNIS DS537			155.9	17.5	78.2	2.4
LYNKS LX4355			155.8	17.3	88.9	3.1
CARGILL 967	136.0	133.6	155.2	17.8	91.2	2.6
BECK'S 89X		130.3	155.0	18.4	89.4	2.9
BO-JAC 601			154.9	18.2	91.7	0.5
STEWART SEEDS SX69			154.6	18.4	86.6	1.0
STEWART SEEDS SX87			153.5	19.3	84.3	1.1
P.A.G. SX352		126.9	153.4	18.5	90.3	0.0
CARGILL 973			153.2	18.8	88.0	1.6
JACQUES 8350		129.5	152.8	19.2	88.0	3.1
SUN PRAIRIE SP2750			152.7	18.1	91.7	0.5
LYNKS LX4533			152.6	17.6	90.7	0.5
SELECT SEED 5188-S			152.3	17.7	83.3	0.6
GUTWEIN 2660			152.2	18.3	88.0	0.0
FR27 X LH38			152.0	16.9	90.7	2.6
JACOBI 6700	130.9	127.7	151.8	18.4	77.3	0.6
D&H SEEDS DH9113	125.4	123.5	151.6	19.4	87.0	0.5
BECK'S 85XA	123.4	131.2	150.0	20.7	84.7	2.3
ASGROW/O'S GOLD RX860			149.7	19.7	88.0	0.5
GOLDEN AC. T-E 6995A			149.4	16.6	82.9	0.6
GARST SEED 8388			148.7	17.8	86.1	1.0
SCOTT SEED LR880	119.7	110.8	148.7	20.5	92.6	2.4
SEEDTEC SP-7750		134.5	148.6	18.3	90.7	0.5
ADLERS 5990			148.0	18.2	79.2	0.0
PRINCETON SX860	122.9	119.9	147.9	21.1	93.1	0.5
NORTHROP-KING PX95	129.1	130.4	146.7	17.6	85.6	10.6
PRINCETON SX865			146.2	18.7	79.6	0.0
AGRIPRO AP670			145.8	17.6	88.4	0.5
FUNK'S G-4522	132.5	125.5	145.7	18.2	81.5	1.1
SO. STATES SS737		119.8	145.6	16.0	83.8	2.3
DEKALB-PFIZER DK689		124.9	145.5	17.7	86.6	0.5
SO. STATES SS565			145.4	16.0	89.8	2.1
AGRIPRO 820			145.2	17.4	89.8	1.0
SO. CROSS 711			143.0	18.6	82.9	0.6
JACQUES 8100	124.8	119.3	143.0	18.1	71.8	0.6
CROW'S 688	129.7	124.0	142.3	19.0	82.9	0.5
P.A.G. 7567			141.1	18.1	92.1	1.1
COKE 8625		117.1	140.6	18.8	83.3	4.0
AGRATECH GK750			140.5	19.0	85.6	1.1
GOLD MEDAL 580			138.5	17.4	86.6	0.0
GOLD MEDAL 954			138.4	18.9	89.4	1.6
FUNK'S G-4868			136.1	23.6	84.7	10.6
PRAIRIE STREAM SX730	125.9	109.9	135.2	21.2	85.2	0.5
AGRIGOLD XA103			134.2	20.1	77.8	1.7
STEWART HYBRIDS S-7551			124.3	17.9	81.9	1.7
YELLOW AVERAGE	131.1	128.3	158.6	18.6	87.4	1.6
WHITE HYBRIDS						
PIONEER BRAND 3144W			176.7	19.2	88.0	0.0
FUNK'S X6044W			176.7	20.9	91.7	2.1
ZIMMERMAN Z60W			172.3	19.7	85.2	3.6
ZIMMERMAN Z14W	125.8	124.4	170.6	20.5	86.1	2.7
AGRIGOLD A-6795W	128.1	128.8	169.0	21.3	86.6	3.8
SO. STATES SS917W			150.5	21.6	84.7	2.2
VINEYARD SEED MV-68W	115.1	111.3	150.2	20.4	81.0	0.0
COKE 833W	122.1	127.1	143.2	19.8	87.5	1.1
VINEYARD SEED MV-58W	106.4	108.8	140.8	19.5	83.3	0.5
WHITE AVERAGE	119.5	120.1	161.1	20.3	86.0	1.8
GRAND AVERAGE	129.9	127.8	158.8	18.7	87.3	1.6
LSD(0.10)			16.5	1.5	7.6	3.3
C.V.			7.7	5.7	6.4	156.1

TABLE 8.—ANNUAL SUMMARY, SHELBYVILLE

VARIETY	YIELD BU/AC 84-86	YIELD BU/AC 85-86	YIELD BU/AC 1986	AVG % MOIST 1986	AVG %TOTAL STAND 1986	% LODGED 1986
YELLOW HYBRIDS						
NORTHROP-KING PX9646			176.4	23.3	79.5	6.0
PIONEER BRAND 3165		175.9	175.0	28.3	76.5	3.9
P. A. G. SX351	156.6	171.0	172.8	22.4	79.1	11.8
CAMPBELL C960	145.4	161.8	169.1	25.0	72.6	2.3
PIONEER BRAND 3320	152.7	172.7	168.8	22.4	78.2	4.4
GARST SEED 8185			167.9	21.4	79.1	4.4
AGRATECH GK900	146.9	164.6	164.2	24.0	76.1	4.5
ASGROW/O'S GOLD RX892		163.5	162.9	23.3	79.5	1.1
SUPER CROST 5460		155.2	162.9	20.9	78.2	3.4
GOLDEN AC. T-E 6996	148.5	162.0	162.0	24.9	76.1	4.5
D&H SEEDS DH7183	142.8	154.9	160.9	23.6	79.9	4.8
SEEDTEC SP-7750		162.9	160.6	22.7	74.8	8.4
LEADER SX717	152.9	165.1	160.4	22.2	79.1	5.9
AGRIGOLD XA103			158.3	26.6	71.8	0.0
FUNK'S G-4868			158.3	29.0	71.8	5.4
COLBERT 326	154.2	170.8	157.8	23.3	73.9	14.8
COLBERT 320			156.2	22.8	79.1	7.6
SELECT SEED 9131	136.8	148.2	156.1	22.5	77.4	7.1
SO. STATES SS728		158.8	156.0	23.4	74.4	1.7
DENNIS DS645			155.7	23.2	79.1	5.4
FUNK'S G-4635			155.3	23.9	78.6	9.3
LYNKS LX4533			155.2	20.8	75.6	4.9
SELECT SEED 8400	141.3	156.7	155.2	23.2	76.5	11.3
DEKALB-PFIZER DK689		146.1	155.2	23.4	77.4	7.8
DEKALB-PFIZER DK748	138.4	155.0	154.9	25.4	82.9	7.6
GUTWEIN 2820		155.2	154.2	22.5	78.6	2.9
CARGILL 967	150.1	168.7	152.6	20.8	82.1	11.6
SEEDTEC H-2675	136.3	150.6	152.6	23.6	87.6	5.3
PAYMASTER 8990	146.1	159.5	152.5	25.0	76.9	7.9
P. A. G. 7567			152.4	20.6	79.1	7.1
PAYMASTER 7989			151.3	22.9	73.1	8.2
NORTHROP-KING PX95	146.9	166.4	150.6	25.7	74.4	16.0
BECK'S 85XA	143.1	157.6	150.4	24.2	65.8	3.2
AGRIGOLD XA102			150.2	24.7	76.1	2.9
STAUFFER S8505			150.1	24.6	66.2	8.3
SO. CROSS 511			149.9	23.8	68.8	5.6
MCCURDY 7676		152.6	149.5	22.7	77.8	5.0
ADLERS 5990			149.2	21.4	76.9	3.9
GOLD MEDAL 954			148.8	21.7	75.2	1.7
CARGILL 971		151.0	148.4	22.5	80.8	4.7
DENNIS DS642	142.4	151.4	148.3	22.0	77.4	9.3
FUNK'S RA1502	140.4	151.7	147.8	22.4	74.4	6.5
JACQUES 8100	142.4	154.2	147.7	22.2	83.8	8.2
PAYMASTER 7990		157.2	147.6	22.4	76.5	8.7
STEWART HYBRIDS S-7366			147.4	22.4	70.5	8.4
JACQUES 8700		160.7	147.2	24.8	75.2	13.7
BECK'S 89X		160.6	147.1	24.0	77.8	5.0
STEWART SEEDS SX87			146.7	23.7	69.7	4.7
JACOBI 8801			146.6	22.4	76.9	6.2
NORTHROP-KING PX79		156.4	146.0	22.1	73.9	5.2
PRAIRIE STREAM 702			145.8	19.0	84.2	11.6
SEEDTEC ST-7625			145.3	21.9	78.2	5.1
P. A. G. SX352		153.0	145.2	20.7	78.2	7.1
PRINCETON SX860	133.8	147.3	145.1	23.0	75.2	1.6
SELECT SEED 5188-S			144.6	22.9	75.2	4.9
SO. STATES SS811	124.3	140.7	144.5	23.6	75.2	7.5
DEKALB-PFIZER DK711			144.5	22.5	79.1	6.5
BO-JAC 905		144.4	144.3	22.2	76.1	3.4
D&H SEEDS DH7144			144.3	22.5	78.2	5.5
BO-JAC 674	136.2	143.0	144.0	22.5	86.3	3.5
CARGILL 973			143.7	24.7	82.9	6.2
NORTHROP-KING PX9581	140.1	154.5	143.6	23.0	71.4	16.8
GOLDEN AC. T-E 6998	140.5	159.0	143.3	23.8	76.9	13.1
PIONEER BRAND 3352			143.3	20.0	79.9	2.2
D&H SEEDS DH9113	133.9	151.5	142.8	23.3	76.9	13.6
FUNK'S G-4522	135.6	146.7	142.5	20.9	71.8	3.7
SUPER CROST 5438	139.0	149.0	142.2	21.5	73.5	6.3
CARGILL 980	153.6	171.1	142.2	23.9	75.6	9.7
AGRIPRO 830			142.0	22.1	70.1	5.7
ASGROW/O'S GOLD RX860			141.8	23.0	78.6	2.7

TABLE 8.—SHELBYVILLE (continued)

VARIETY	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 84-86	BU/AC 85-86	BU/AC 1986	MOIST 1986	STAND 1986	LODGED 1986
YELLOW HYBRIDS						
COKER 8620			141.7	22.3	81.2	9.0
MCCURDY 84AA	132.8	149.2	141.7	23.4	74.8	5.6
PFISTER HYBRIDS 4470			141.6	20.6	79.1	12.2
COKER 3030			141.1	22.3	78.2	5.9
DENNIS DS537			141.1	21.9	75.6	8.6
AGRATECH GK750			140.7	22.3	78.6	1.6
LYNKS LX4355			140.7	22.2	78.2	5.0
FUNK'S G-4513			140.7	22.4	74.4	2.7
ZIMMERMAN Z45			139.8	24.3	69.7	3.2
GARST SEED 8344		139.8	139.7	21.3	77.4	4.5
AGRIPRO AP670			139.6	23.9	74.8	4.0
GARST SEED 8388			139.3	22.5	76.5	4.9
JACQUES 8350		149.3	139.3	21.9	71.4	2.8
BO-JAC 601			137.4	22.6	73.1	4.1
SUPER CROST 7576		142.4	137.1	21.9	75.6	9.4
COLBERT 345	147.5	159.3	136.8	24.8	83.8	14.3
PRINCETON SX865			136.6	21.9	66.7	5.6
CAVERNDALE FM. CF6065	140.9	153.5	136.3	24.7	74.8	7.5
AGRIPRO HP555	134.6	145.5	136.0	21.6	73.5	13.7
PFISTER HYBRIDS 4575			136.0	23.1	76.9	3.5
SUN PRAIRIE SP240			136.0	23.3	77.8	6.5
SUN PRAIRIE SP2750			135.8	22.9	71.8	4.3
FR27 X PA91			135.1	25.2	70.9	16.8
SCOTT SEED LR880	133.5	151.2	135.1	24.7	69.7	17.0
SO. CROSS 711			134.4	22.4	68.4	5.1
ASGROW/O'S GOLD RX798			134.0	22.9	64.5	3.2
PRAIRIE STREAM SX730	137.1	147.3	133.9	22.3	74.4	7.0
FR27 X M017			133.9	22.2	68.8	3.1
JACOBI 6600	127.5	137.9	133.7	21.5	70.9	8.5
CROW'S 488			133.3	19.3	73.9	6.1
AGRIPRO 820			133.1	22.0	69.7	5.7
CROW'S 688	139.7	150.2	132.7	23.2	69.7	8.1
ASGROW/O'S GOLD 2570	128.6	135.7	132.5	21.2	75.2	8.5
GOLD MEDAL 580			132.2	22.4	69.2	4.1
STAUFFER S7759	121.5	140.7	132.1	21.7	86.3	5.9
COKER 8625		139.9	131.2	22.1	73.1	3.9
AGRIGOLD A-6865	130.5	140.5	131.0	25.5	70.1	4.0
ZIMMERMAN Z27	140.2	148.3	129.9	23.8	76.1	8.5
SO. STATES SS737		147.2	129.0	21.4	70.5	10.2
ADLERS 88X	139.1	152.0	128.6	24.5	73.9	7.9
STEWART HYBRIDS S-7551			127.9	23.2	62.0	10.2
GOLDEN AC. T-E 6995A			127.7	21.3	60.3	5.8
STEWART SEEDS SX69			127.6	22.0	71.8	5.5
GARST SEED 8345			127.0	22.3	76.9	12.0
CROW'S 666			125.4	20.6	67.1	8.6
FR27 X LH38			124.5	20.1	73.1	2.9
ZIMMERMAN Z28		146.7	124.2	23.6	74.4	16.2
SO. STATES SS565			123.4	19.1	65.8	4.6
JACOBI 6700	119.9	131.1	122.9	23.3	61.5	8.5
AGRATECH GK925	140.2	147.5	121.6	24.0	62.8	9.6
USS AG-CHEM USS7001	127.4	131.5	121.5	23.3	69.7	6.2
STEWART HYBRIDS S-6973	120.2	133.3	120.0	20.7	71.8	19.3
GUTWEIN 2660			116.5	23.3	65.4	1.9
YELLOW AVERAGE	139.2	152.7	143.9	22.8	74.9	6.8
WHITE HYBRIDS						
AGRIGOLD A-6795W	138.6	155.1	161.6	26.3	79.9	10.7
PIONEER BRAND 3144W			158.1	23.0	79.5	5.9
ZIMMERMAN Z60W			156.0	25.9	77.8	9.9
SO. STATES SS917W			139.7	25.2	75.2	14.6
FUNK'S X6044W			138.5	25.7	76.1	20.1
ZIMMERMAN Z14W	130.2	157.2	135.4	26.8	78.6	7.5
VINEYARD SEED MV-68W	117.2	133.2	134.6	23.2	65.4	10.8
VINEYARD SEED MV-58W	126.7	139.1	133.8	21.6	70.9	11.1
COKER 833W	127.3	137.2	115.3	26.8	72.6	13.6
WHITE AVERAGE	128.0	144.4	141.4	24.9	75.1	11.6
GRAND AVERAGE	138.0	152.1	143.7	23.0	74.9	7.1
LSD(0.10)			20.9	1.9	10.0	6.6
C.V.			10.8	6.1	9.7	66.6

TABLE 9.—ANNUAL SUMMARY, LEXINGTON

VARIETY	YIELD BU/AC 84-86	YIELD BU/AC 85-86	YIELD BU/AC 1986	AVG % MOIST 1986	AVG % TOTAL 1986	% LODGED 1986
YELLOW HYBRIDS						
PIONEER BRAND 3352			124.3	21.5	85.2	5.3
GARST SEED 8344		124.0	119.4	23.0	82.9	5.0
SELECT SEED 5188-S			118.1	24.6	82.9	7.3
DENNIS DS645			118.0	25.2	80.1	2.5
P.A.G. SX352		128.5	115.6	25.1	82.9	7.2
BO-JAC 601			115.3	23.1	82.4	3.5
AGRIPRO AP670			112.6	23.9	84.7	2.2
STEWART SEEDS SX87			110.9	24.3	75.0	3.2
JACQUES 8100	115.6	119.9	110.8	23.9	77.3	17.6
ZIMMERMAN Z28		122.4	110.6	23.2	80.6	0.0
SO. CROSS 711			110.4	25.3	78.7	9.3
BO-JAC 674	114.7	116.9	109.8	24.9	82.4	5.6
SUPER CROST 5460		117.3	108.8	22.1	85.2	8.0
JACOBI 8801			108.3	25.8	82.4	11.7
NORTHRUP-KING PX9581	108.8	113.2	107.6	24.7	80.6	20.5
BECK'S 85XA	112.1	124.9	107.3	25.6	74.5	17.1
FUNK'S G-4522	115.8	119.8	106.9	24.7	80.6	8.2
BO-JAC 905		117.9	106.8	23.8	85.2	19.3
AGRIPRO HP555	123.0	126.7	106.7	23.4	80.6	10.0
LYNKS LX4533			106.5	23.9	79.6	7.5
COKER 3030			106.4	23.8	84.7	4.1
ADLERS 5990			106.4	24.0	86.6	3.4
DEKALB-PFIZER DK748	115.6	114.2	106.3	29.3	86.1	5.2
DEKALB-PFIZER DK711			105.7	25.0	76.4	1.9
MCCURDY 7676		119.8	105.3	23.4	85.2	7.1
CARGILL 980	111.9	111.2	104.9	25.5	86.6	7.8
SUN PRAIRIE SP2750			104.9	24.1	81.0	5.9
PAYMASTER 7989			104.5	24.3	77.8	22.4
FUNK'S RA1502	111.3	111.9	104.5	22.9	80.6	14.2
STAUFFER S7759	125.4	128.8	104.4	22.4	79.6	18.4
FR27 X M017			104.4	25.8	81.5	8.0
PFISTER HYBRIDS 4575			104.1	25.8	81.9	12.4
FUNK'S G-4635			103.9	24.9	81.9	3.3
PFISTER HYBRIDS 4470			103.7	23.2	83.8	21.1
GOLD MEDAL 954			103.6	26.8	82.9	4.2
ZIMMERMAN Z45			103.5	26.7	79.6	4.2
AGRIGOLD A-6865	109.1	105.2	102.6	23.9	79.6	12.1
PIONEER BRAND 3165		120.2	102.3	27.4	87.0	2.6
STEWART SEEDS SX69			102.2	22.9	73.6	6.9
SO. STATES SS728		123.8	102.2	23.4	72.2	3.9
GARST SEED 8345			102.2	23.9	78.7	21.2
DENNIS DS537			101.9	24.1	88.4	4.8
D&H SEEDS DH7144			101.9	24.3	85.6	9.0
AGRIPRO 830			101.8	24.4	77.3	2.2
CROW'S 666			101.8	23.9	77.3	6.9
STEWART HYBRIDS S-7366			101.4	24.2	82.4	4.4
ZIMMERMAN Z27	113.7	119.4	101.3	26.2	85.2	6.2
NORTHRUP-KING PX9646			101.0	26.9	85.2	11.5
GARST SEED 8185			100.6	25.1	80.6	5.7
JACQUES 8350		122.0	100.5	25.2	82.4	8.1
ASGROW/O'S GOLD RX798			100.4	23.7	80.6	1.7
GOLDEN AC. T-E 6996	113.5	119.4	100.3	25.5	83.3	13.6
DENNIS DS642	112.8	112.0	100.0	21.5	83.8	11.3
GOLD MEDAL 580			99.9	24.9	77.8	4.7
FR27 X LH38			99.5	22.5	76.9	9.1
STEWART HYBRIDS S-7551			99.3	27.0	80.6	10.2
SEEDTEC SP-7750		120.4	99.1	24.3	79.6	6.8
LEADER SX717	111.1	111.6	98.5	25.3	84.3	9.5
AGRATECH GK750			98.4	23.6	79.2	2.4
COKER 8620			97.8	21.6	91.7	29.6
PRINCETON SX860	107.3	114.3	97.8	25.2	81.5	3.0
FUNK'S G-4513			97.6	22.9	87.0	9.8
SELECT SEED 8400	108.0	112.6	97.5	23.5	82.4	37.9
SELECT SEED 9131	110.6	112.3	97.5	22.3	81.9	16.4
ASGROW/O'S GOLD 2570	119.1	117.0	97.3	22.3	83.3	14.5
PAYMASTER 8990	104.0	97.8	97.1	27.3	74.1	11.6
USS AG-CHEM USS7001	111.6	115.6	96.9	25.3	76.4	6.7
CROW'S 688	112.4	110.5	96.6	25.3	73.6	8.3
AGRATECH GK900	110.0	119.9	96.2	24.2	88.9	12.4
LYNKS LX4355			96.1	25.2	73.6	19.3

TABLE 9.—LEXINGTON (continued)

VARIETY	YIELD BU/AC 84-86	YIELD BU/AC 85-86	YIELD BU/AC 1986	AVG % MOIST 1986	AVG % STAND 1986	TOTAL % LODGED 1986
YELLOW HYBRIDS						
AGRIPRO 820			95.9	23.0	79.2	14.3
BECK'S 89X		122.5	95.8	24.5	80.1	4.6
SUN PRAIRIE SP240			95.8	22.7	87.5	15.3
CARGILL 967	113.8	123.5	95.6	22.6	76.9	26.9
PIONEER BRAND 3320	110.9	115.4	94.9	24.4	81.5	8.0
SEEDTEC ST-7625			94.5	25.1	79.6	3.7
SEEDTEC H-2675	105.6	101.6	94.4	24.1	80.1	8.2
SUPER CROST 5438	114.3	110.7	94.4	21.7	81.0	30.2
FR27 X PA91			94.4	25.5	80.1	3.6
ASGROW/O'S GOLD RX892		119.2	94.4	25.8	79.2	6.8
COLBERT 320			94.3	25.5	83.3	6.1
D&H SEEDS DH7183	112.6	109.1	94.3	23.9	81.5	4.6
P.A.G. SX351	110.9	112.9	94.0	28.8	83.3	17.8
GARST SEED 8388			93.8	23.5	77.8	7.4
P.A.G. 7567			93.8	21.4	76.4	6.2
JACOBI 6700	112.8	114.2	93.6	24.1	76.9	3.5
GUTWEIN 2820		114.3	93.6	27.4	70.8	4.1
COKER 8625		112.5	93.5	23.9	80.6	10.4
CROW'S 488			93.3	19.2	75.9	13.9
CAVERNDALE FM. CF6065	116.3	124.7	93.2	26.2	81.9	3.8
PRAIRIE STREAM SX730	99.5	111.4	92.5	26.5	81.0	1.2
PRINCETON SX865			92.4	22.9	75.9	5.9
STAUFFER S8505			92.3	23.3	80.1	6.7
SCOTT SEED LR880	103.7	106.3	91.9	27.6	76.9	5.6
GOLDEN AC. T-E 6995A			91.9	21.6	78.2	7.0
GUTWEIN 2660			91.4	24.5	80.1	4.5
SO. CROSS 511			91.2	24.5	72.7	15.6
CAMPBELL C960	108.6	113.3	91.0	23.3	75.9	9.8
COLBERT 326	109.1	109.7	90.4	25.8	70.8	23.0
JACQUES 8700		104.3	89.8	26.4	75.5	6.4
SO. STATES SS811	106.5	111.1	89.6	25.9	80.6	9.3
JACOBI 6600	109.6	113.6	89.3	21.4	86.6	23.0
CARGILL 973			89.2	24.5	81.0	13.7
AGRIGOLD XA103			88.4	25.8	73.6	6.5
DEKALB-PFIZER DK689		117.9	88.0	22.5	81.5	9.6
MCCURDY 84AA	109.1	110.5	87.9	24.8	73.1	11.7
CARGILL 971		103.5	87.7	24.6	85.2	6.1
ADLERS 88X	106.9	113.1	87.5	25.8	85.2	14.3
GOLDEN AC. T-E 6998	111.8	119.5	87.4	26.3	81.0	3.0
NORTHRUP-KING PX79		99.2	86.9	23.2	82.9	12.0
PAYMASTER 7990		115.7	86.0	24.2	82.9	26.1
STEWART HYBRIDS S-6973	106.0	103.6	85.7	25.7	76.4	17.0
AGRIGOLD XA102			85.2	25.5	77.8	5.9
AGRATECH GK925	97.9	97.0	84.3	28.4	72.7	7.0
SO. STATES SS737		98.8	83.3	21.1	79.2	9.2
ASGROW/O'S GOLD RX860			83.2	24.9	80.6	7.2
PRAIRIE STREAM 702			82.7	21.4	79.2	13.8
COLBERT 345	107.9	106.2	82.6	25.1	85.6	8.6
NORTHRUP-KING PX95	101.3	101.1	80.3	25.6	84.7	32.7
SO. STATES SS565			79.6	19.7	90.7	21.1
SUPER CROST 7576		101.6	77.2	23.5	88.4	17.6
FUNK'S G-4868			72.2	32.4	83.3	7.3
D&H SEEDS DH9113	97.7	97.2	69.4	26.2	75.0	1.3
YELLOW AVERAGE	110.5	113.7	97.8	24.5	80.7	10.0
WHITE HYBRIDS						
FUNK'S X6044W			98.7	28.1	85.6	25.8
VINEYARD SEED MV-68W	93.3	91.3	94.8	26.9	81.5	2.1
SO. STATES SS917W			94.5	28.2	79.2	30.5
PIONEER BRAND 3144W			93.4	25.2	82.9	10.0
AGRIGOLD A-6795W	103.6	105.3	91.1	27.5	77.8	13.9
VINEYARD SEED MV-58W	83.4	89.2	90.2	26.2	85.2	2.0
ZIMMERMAN Z14W	84.7	86.2	84.9	28.0	79.2	11.2
ZIMMERMAN Z60W			73.0	29.6	74.1	27.7
COKER 833W	85.4	83.2	63.2	28.6	81.9	4.4
WHITE AVERAGE	90.1	91.1	87.1	27.6	80.8	14.2
GRAND AVERAGE	108.4	112.1	97.1	24.7	80.7	10.3
LSD(0.10)			18.3	2.6	8.6	11.7
C.V.			14.0	7.1	7.9	82.2

TABLE 10.—ANNUAL SUMMARY, QUICKSAND

VARIETY	YIELD BU/AC 85-86	YIELD BU/AC 1986	AVG % MOIST 1986	AVG % STAND 1986	TOTAL % LODGED 1986
YELLOW HYBRIDS					
DEKALB-PFIZER DK689	163.1	151.4	17.5	86.1	2.2
DEKALB-PFIZER DK711		151.1	17.8	91.2	1.0
D&H SEEDS DH7183	147.6	142.6	17.8	84.3	0.5
STEWART HYBRIDS S-6973	148.4	142.2	17.5	87.5	0.6
FR27 X PA91		142.1	19.5	77.3	3.0
PFISTER HYBRIDS 4575		141.0	17.8	94.4	5.5
SCOTT SEED LR880	150.1	138.9	18.0	81.5	0.0
BO-JAC 905	148.8	136.0	16.6	82.9	0.7
ADLERS 88X	147.0	134.1	18.4	81.0	2.9
FUNK'S G-4635		134.1	16.1	80.6	1.8
JACQUES 8700	154.1	133.6	17.8	87.0	0.5
DEKALB-PFIZER DK748	140.9	132.3	17.5	89.8	2.0
D&H SEEDS DH9113	150.7	132.0	19.0	81.9	2.3
NORTHROP-KING PX9581	140.4	131.9	17.6	87.0	0.5
DENNIS DS645		130.9	17.1	88.0	9.0
JACOBI 8801		130.5	17.3	86.6	0.6
COLBERT 320		130.0	16.7	85.2	0.0
COKER 3030		129.3	17.6	81.0	3.3
AGRATECH GK900	137.4	128.6	18.0	81.5	4.5
CAVERNDALE FM. CF6065	138.1	127.4	18.4	81.0	2.3
CARGILL 980	133.8	126.4	17.8	91.2	4.7
GARST SEED 8388		126.1	16.5	85.2	0.5
PIONEER BRAND 3165	144.1	125.5	17.5	90.3	0.5
D&H SEEDS DH7144		125.2	17.1	84.3	2.8
SELECT SEED 9131	142.9	125.2	16.9	87.5	1.1
SO. STATES SS737	128.2	125.0	16.6	81.0	2.2
DENNIS DS537		124.5	16.1	79.2	5.6
COKER 8620		124.5	16.4	86.1	2.7
GARST SEED 8185		124.4	16.6	86.6	2.1
MCCURDY 7676	148.7	124.2	16.9	85.6	5.5
GOLDEN AC. T-E 6998	144.7	124.1	19.0	82.9	3.4
CROW'S 666		123.5	16.9	72.2	9.9
GUTWEIN 2660		123.3	16.5	83.8	1.0
SUPER CROST 5438	137.6	122.8	17.0	81.5	4.3
GARST SEED 8345		122.5	17.3	85.2	5.9
CAMPBELL C960	137.3	122.3	16.8	87.0	1.6
CARGILL 967	135.3	122.1	16.6	81.0	4.1
MCCURDY 84AA	126.8	121.7	17.6	81.0	3.3
SUPER CROST 5460	135.3	121.4	17.4	86.1	2.1
PRAIRIE STREAM 702		121.3	16.6	87.0	4.9
BO-JAC 674	140.5	121.1	17.8	90.3	2.0
DENNIS DS642	142.3	120.9	17.0	83.8	8.8
SEEDTEC ST-7625		120.9	17.0	88.4	1.0
JACQUES 8350	136.4	120.5	16.7	76.9	4.8
COLBERT 345	141.4	120.4	19.0	86.6	6.4
SELECT SEED 5188-S		120.4	16.5	81.9	1.1
SEEDTEC H-2675	127.2	119.7	17.9	84.3	4.6
AGRIPRO HP555	135.5	119.4	16.9	88.9	7.3
STAUFFER S7759	133.3	118.7	17.3	85.2	7.3
CROW'S 688	129.3	118.6	16.9	82.4	1.1
GOLDEN AC. T-E 6996	129.7	118.6	18.0	82.9	2.1
SO. CROSS 511		118.5	18.5	76.4	3.1
SUPER CROST 7576	127.5	118.4	17.6	87.5	8.3
PAYMASTER 7990	121.0	118.1	18.0	85.2	0.6
STEWART SEEDS SX87		117.8	16.7	72.7	4.7
STEWART SEEDS SX69		117.6	16.4	86.6	2.0
PFISTER HYBRIDS 4470		117.0	18.1	85.2	3.3
ASGROW/O'S GOLD 2570	144.1	116.6	17.5	90.7	3.1
FR27 X MO17		116.2	16.9	74.1	5.6
P. A. G. SX352	130.8	116.0	15.6	81.5	8.5
GARST SEED 8344	135.7	115.9	17.3	88.0	4.8
FUNK'S G-4868		115.6	19.1	84.7	0.6
LYNKS LX4355		115.3	17.5	85.6	4.3
ASGROW/O'S GOLD RX798		115.2	16.2	84.3	1.6
STEWART HYBRIDS S-7366		115.0	16.0	79.2	3.0
SELECT SEED 8400	130.9	114.9	18.6	75.0	3.4
BECK'S 89X	136.1	114.8	19.0	85.2	1.1
JACOBI 6600	128.5	114.7	16.5	84.3	2.2
GOLD MEDAL 954		114.5	17.5	80.1	0.6
JACOBI 6700	126.7	114.4	16.5	74.5	3.7

TABLE 10.—QUICKSAND (continued)

VARIETY	YIELD BU/AC 85-86	YIELD BU/AC 1986	AVG % MOIST 1986	AVG % STAND 1986	TOTAL % LODGED 1986
YELLOW HYBRIDS					
AGRIPRO 820		114.3	17.6	84.7	2.8
AGRIPRO AP670		114.2	16.8	81.9	2.4
NORTHROP-KING PX79	135.7	113.6	16.6	93.5	1.0
ASGROW/O'S GOLD RX892	128.7	113.5	19.8	88.4	1.0
LEADER SX717	132.0	113.4	18.9	77.8	2.3
AGRIGOLD A-6865	129.3	113.2	17.1	82.4	3.1
FUNK'S G-4513		112.9	16.6	88.4	2.1
JACQUES 8100	128.6	112.5	16.7	89.8	5.8
SO. CROSS 711		112.5	17.8	80.1	1.8
STEWART HYBRIDS S-7551		112.1	16.3	81.9	1.1
AGRATECH GK750		111.7	15.4	79.6	0.6
CARGILL 971	128.9	111.6	17.3	85.6	5.0
PAYMASTER 8990	130.1	110.5	18.1	85.6	3.8
PAYMASTER 7989		110.4	17.8	85.6	1.6
PIONEER BRAND 3320	137.5	110.3	17.0	89.4	1.6
GUTWEIN 2820	130.4	109.7	18.7	80.1	1.2
AGRIPRO 830		109.6	16.7	81.9	2.3
BECK'S 85XA	131.9	109.6	18.1	79.6	0.0
AGRIGOLD XA102		108.8	17.4	84.3	0.5
SUN PRAIRIE SP2750		108.2	16.7	87.0	1.1
FUNK'S RA1502	133.7	107.5	17.4	86.6	1.6
USS AG-CHEM USS7001	127.3	107.3	17.0	82.4	7.9
P.A.G. 7567		107.1	15.9	84.7	1.1
BO-JAC 601		106.6	16.8	80.1	0.6
LYNKS LX4533		106.5	16.5	84.7	0.0
COLBERT 326	137.7	105.9	17.0	83.3	4.4
PRINCETON SX865		105.7	17.0	88.0	0.5
ADLERS 5990		104.8	18.1	88.9	0.0
ZIMMERMAN Z28	137.8	104.7	16.9	86.1	2.2
AGRATECH GK925	137.3	104.6	18.5	80.6	1.3
NORTHROP-KING PX9646		104.5	18.0	84.3	2.6
P.A.G. SX351	123.2	104.4	16.9	85.2	4.3
GOLDEN AC. T-E 6995A		103.8	17.0	72.7	5.1
SO. STATES SS728	131.6	103.6	16.3	92.6	2.0
STAUFFER S8505		103.3	17.6	81.5	3.7
CROW'S 488		103.0	16.7	80.1	3.5
FUNK'S G-4522	124.5	102.2	16.9	79.2	7.3
SEEDTEC SP-7750	129.2	101.6	16.8	85.6	1.2
ZIMMERMAN Z27	136.7	100.9	18.1	86.6	3.9
SUN PRAIRIE SP240		99.9	16.8	77.8	9.0
PRAIRIE STREAM SX730	111.9	99.8	17.9	84.3	0.0
CARGILL 973		99.0	17.3	74.5	0.6
GOLD MEDAL 580		97.6	17.2	85.6	2.7
ZIMMERMAN Z45		96.3	16.9	83.8	1.2
SO. STATES SS811	114.7	95.9	17.6	80.1	3.5
NORTHROP-KING PX95	132.6	95.7	18.6	82.9	0.5
PIONEER BRAND 3352		94.6	16.2	79.6	0.0
ASGROW/O'S GOLD RX860		93.9	17.3	81.9	2.2
COKER 8625	124.6	92.7	16.1	85.6	2.2
PRINCETON SX860	115.6	92.0	17.4	83.8	1.2
FR27 X LH38		87.5	16.1	74.5	5.3
AGRIGOLD XA103		82.6	16.8	81.9	2.5
SO. STATES SS565		80.7	16.1	81.0	4.4
YELLOW AVERAGE	135.0	115.9	17.3	83.7	2.9
WHITE HYBRIDS					
VINEYARD SEED MV-58W	138.2	141.2	17.9	81.0	1.6
PIONEER BRAND 3144W		126.5	17.1	84.7	0.0
VINEYARD SEED MV-68W	124.7	112.1	19.2	75.0	1.7
SO. STATES SS917W		109.0	19.3	90.3	8.5
ZIMMERMAN Z14W	137.9	106.4	19.2	87.5	4.3
AGRIGOLD A-6795W	141.3	106.1	18.7	83.3	4.2
FUNK'S X6044W		98.3	19.8	89.8	6.8
ZIMMERMAN Z60W		94.6	19.1	81.0	1.1
COKER 833W	103.5	82.9	18.4	80.1	0.0
WHITE AVERAGE	129.1	108.6	18.8	83.6	3.1
GRAND AVERAGE	134.6	115.4	17.4	83.7	2.9
LSD(0.10)		21.4	1.4	8.9	4.5
C.V.		13.8	5.9	7.9	114.9

TABLE 11.—NON-VIRUS LOCATIONS (continued)

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1986	MOIST 1986	STAND 1986	LODGED 1986
YELLOW HYBRIDS				
FR27 X M017	123.5	19.3	74.8	5.3
D&H SEEDS DH7144	123.3	19.9	78.2	4.5
FUNK'S G-4513	123.0	19.0	84.0	5.0
JACQUES 8350	122.9	19.8	77.5	4.7
STAUFFER S8505	122.9	20.3	77.9	5.8
BECK'S 89X	122.7	20.0	82.3	5.3
GOLD MEDAL 954	122.6	20.0	81.7	6.0
STEWART SEEDS SX87	122.5	20.3	74.2	4.0
BECK'S 85XA	121.8	21.3	75.5	8.4
LYNKS LX4355	121.7	19.5	79.9	7.1
AGRIPRO AP670	121.4	19.4	79.7	4.1
STEWART HYBRIDS S-7366	121.3	19.5	78.1	6.4
ZIMMERMAN Z28	121.2	19.8	80.4	6.4
DENNIS DS537	121.1	19.3	77.4	7.0
SUPER CROST 7576	120.6	20.0	81.4	6.9
SO. STATES SS737	120.3	18.3	77.5	7.1
AGRIGOLD XA102	120.3	20.7	81.0	4.5
CARGILL 973	120.1	20.4	82.7	6.7
FUNK'S G-4868	119.8	24.5	80.3	5.9
AGRIPRO 830	119.6	19.3	76.2	3.7
NORTHROP-KING PX79	119.1	18.5	83.7	5.9
AGRIGOLD A-6865	119.1	20.9	77.8	5.0
ADLERS 5990	119.0	19.5	82.6	3.4
D&H SEEDS DH9113	118.9	20.9	77.2	5.0
SEEDTEC ST-7625	118.7	19.4	81.1	5.7
GUTWEIN 2660	118.4	19.5	76.4	3.6
CROW'S 688	118.2	20.4	74.1	4.3
JACOBI 6700	118.1	19.6	72.8	5.0
SUN PRAIRIE SP2750	118.1	19.3	81.8	3.5
USS AG-CHEM USS7001	118.0	19.9	76.8	6.3
ASGROW/O'S GOLD RX798	117.9	19.2	74.0	3.5
STEWART SEEDS SX69	117.8	18.8	76.8	5.7
SO. CROSS 711	117.6	20.1	75.6	4.7
JACOBI 6600	117.5	18.6	79.8	7.7
SCOTT SEED LR880	117.0	22.0	76.8	6.1
MCCURDY 84AA	116.9	20.7	76.1	5.6
AGRIPRO 820	116.5	18.9	79.5	5.1
NORTHROP-KING PX95	116.2	21.6	79.9	11.2
PRINCETON SX865	116.0	19.2	73.1	5.1
SO. STATES SS811	115.9	20.3	79.3	5.7
AGRIGOLD XA103	114.9	20.9	76.4	3.1
ASGROW/O'S GOLD RX860	114.0	20.6	80.1	3.5
CROW'S 488	113.9	17.4	74.3	10.1
COKER 8625	113.7	19.4	79.6	6.2
GOLDEN AC. T-E 6995A	113.1	18.5	75.3	6.1
AGRATECH GK925	112.7	21.8	74.5	5.4
PRINCETON SX860	111.9	20.6	80.9	2.6
STEWART HYBRIDS S-7551	111.4	20.1	74.3	5.6
PRAIRIE STREAM SX730	111.3	20.8	78.8	3.5
P. A. G. 7567	111.2	18.0	80.0	5.7
FR27 X LH38	108.9	18.0	74.9	5.1
GOLD MEDAL 580	107.3	19.4	74.8	4.0
SO. STATES SS565	106.3	17.1	80.0	10.3
YELLOW AVERAGE	123.7	19.9	79.9	6.0
WHITE HYBRIDS				
PIONEER BRAND 3144W	133.0	20.5	83.1	2.9
AGRIGOLD A-6795W	127.3	22.8	80.2	6.9
SO. STATES SS917W	124.2	22.7	82.4	9.8
ZIMMERMAN Z14W	123.5	22.6	81.1	5.8
ZIMMERMAN Z60W	121.2	22.4	80.0	9.2
FUNK'S X6044W	119.6	23.0	83.7	12.7
VINEYARD SEED MV-58W	118.1	20.3	80.4	4.1
VINEYARD SEED MV-68W	115.2	21.8	77.0	3.5
COKER 833W	103.6	22.9	80.0	5.3
WHITE AVERAGE	120.6	22.1	80.9	6.7
GRAND AVERAGE	123.5	20.1	80.0	6.0

**TABLE 12.—TWO-YEAR SUMMARY; NON-VIRUS LOCATIONS,
1985-1986 (Morganfield, Russellville, Shelbyville,
Lexington, and Quicksand)**

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 85-86	MOIST 85-86	STAND 85-86	LODGED 85-86
YELLOW HYBRIDS				
PIONEER BRAND 3165	144.8	22.1	85.7	3.7
PIONEER BRAND 3320	143.5	19.5	85.4	4.7
CARGILL 967	143.4	18.8	83.7	9.8
ADLERS 88X	141.7	20.7	80.3	9.7
BECK'S 89X	139.9	19.8	83.3	3.6
DEKALB-PFIZER DK689	139.9	19.4	84.4	5.3
GOLDEN AC. T-E 6998	139.8	20.8	81.9	5.2
GOLDEN AC. T-E 6996	139.8	20.8	81.9	5.7
DENNIS DS642	139.4	18.8	80.3	8.0
SEEDTEC SP-7750	139.3	19.3	81.4	4.2
ZIMMERMAN Z28	139.3	19.4	81.9	4.8
DEKALB-PFIZER DK748	139.0	20.8	82.2	4.0
MCCURDY 7676	138.9	18.9	83.4	5.7
COLBERT 326	138.9	19.2	82.8	9.3
COLBERT 345	138.7	21.0	84.7	9.3
P. A. G. SX351	138.2	19.4	81.7	8.7
BECK'S 85XA	137.7	20.7	75.5	7.3
CAMPBELL C960	137.5	20.3	79.4	4.9
ASGROW/O'S GOLD 2570	137.5	18.8	81.2	7.1
CARGILL 980	137.4	20.7	82.5	6.9
GARST SEED 8344	137.1	19.0	84.0	5.0
P. A. G. SX352	137.1	18.8	81.8	6.1
PAYMASTER 7990	137.0	19.3	81.4	5.5
AGRATECH GK900	136.5	20.5	81.9	7.3
JACQUES 8700	136.4	20.5	82.6	5.6
AGRIPRO HP555	136.3	19.2	82.8	8.4
D&H SEEDS DH7183	136.3	20.0	82.2	3.0
CARGILL 971	136.1	19.6	85.9	6.0
STAUFFER S7759	136.0	18.9	82.8	7.7
ZIMMERMAN Z27	136.0	19.6	82.8	7.4
NORTHROP-KING PX9581	135.9	19.9	83.6	7.0
SELECT SEED 9131	135.7	19.4	82.9	5.7
CAVERNDALE FM. CF6065	135.6	21.0	82.7	7.1
NORTHROP-KING PX95	135.4	21.3	83.0	10.4
BO-JAC 674	135.3	19.5	84.9	5.9
BO-JAC 905	135.0	19.3	83.4	6.1
SUPER CROST 5460	134.8	18.7	81.6	4.9
SO. STATES SS728	133.9	18.9	81.5	3.6
FUNK'S RA1502	133.9	19.5	83.8	4.5
SELECT SEED 8400	133.4	19.5	83.6	10.8

TABLE 11.—ANNUAL SUMMARY, ALL NON-VIRUS LOCATIONS, 1986

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1986	MOIST 1986	STAND 1986	LODGED 1986
YELLOW HYBRIDS				
PIONEER BRAND 3165	137.8	23.0	82.5	2.4
DEKALB-PFIZER DK711	137.1	20.5	83.6	3.3
DEKALB-PFIZER DK689	137.0	19.6	83.1	4.9
DEKALB-PFIZER DK748	136.5	21.5	85.3	3.9
DENNIS DS645	135.3	20.4	81.8	5.4
D&H SEEDS DH7183	134.7	20.3	81.7	3.3
AGRATECH GK900	134.6	21.0	82.1	7.3
PIONEER BRAND 3320	134.2	20.1	83.3	5.5
DENNIS DS642	133.0	18.8	81.5	7.3
MCCURDY 7676	133.0	19.4	82.6	5.2
AGRIPRO HP555	132.4	19.7	82.9	8.0
P.A.G. SX351	132.1	20.0	82.2	9.3
SO. CROSS 511	131.9	21.2	76.4	6.3
PFISTER HYBRIDS 4575	131.9	20.6	82.2	6.2
PFISTER HYBRIDS 4470	131.8	19.4	83.3	7.8
FUNK'S G-4635	131.5	19.7	82.1	4.3
GARST SEED 8344	131.3	19.0	82.0	4.9
NORTHROP-KING PX9581	131.2	20.5	82.0	10.2
BO-JAC 674	131.0	19.6	85.0	4.5
JACOBI 8801	130.8	20.3	81.8	4.9
GOLDEN AC. T-E 6996	130.6	21.3	80.5	6.1
PRAIRIE STREAM 702	130.5	18.3	82.8	6.2
ASGROW/O'S GOLD 2570	129.1	18.9	80.3	8.1
CAMPBELL C960	128.9	21.0	78.9	5.0
NORTHROP-KING PX9646	128.8	20.9	80.6	6.7
COLBERT 320	128.6	19.6	81.6	5.0
ZIMMERMAN Z27	128.6	20.1	81.3	5.5
SEEDTEC H-2675	128.4	20.4	81.7	5.6
FUNK'S RA1502	128.3	19.6	81.3	5.5
SELECT SEED 5188-S	128.1	19.5	80.1	3.4
SUPER CROST 5460	127.9	18.9	82.7	3.8
FR27 X PA91	127.7	21.9	78.3	7.2
GARST SEED 8345	127.2	19.4	81.2	9.2
COLBERT 345	127.0	21.1	83.9	7.9
PAYMASTER 8990	126.9	21.5	79.6	7.8
GARST SEED 8388	126.9	19.1	83.3	4.5
ADLERS 88X	126.7	21.5	82.7	8.8
GOLDEN AC. T-E 6998	126.7	21.4	81.3	6.0
GARST SEED 8185	126.7	19.6	79.5	4.0
SELECT SEED 8400	126.6	19.8	82.8	14.4
JACQUES 8700	126.4	21.0	79.9	5.6
SUN PRAIRIE SP240	126.3	19.1	82.5	6.3
SELECT SEED 9131	126.3	19.6	81.0	8.5
COLBERT 326	126.2	19.7	76.7	11.0
LEADER SX717	126.1	20.6	80.2	4.7
PIONEER BRAND 3352	126.0	17.7	79.5	3.7
COKER 3030	126.0	20.2	81.7	4.7
JACQUES 8100	125.8	19.1	79.0	7.2
BO-JAC 601	125.7	19.2	82.3	4.4
BO-JAC 905	125.4	19.4	80.7	7.5
CARGILL 967	125.2	19.1	82.6	10.6
CARGILL 980	125.2	21.2	82.6	6.9
COKER 8620	125.1	18.7	84.6	8.5
SEEDTEC SP-7750	125.0	19.5	82.3	6.7
CARGILL 971	124.8	20.0	81.4	4.4
P.A.G. SX352	124.7	18.8	81.3	6.1
GUTWEIN 2820	124.6	20.7	76.5	3.3
SO. STATES SS728	124.6	19.2	82.1	5.8
PAYMASTER 7990	124.6	19.6	80.4	8.5
PAYMASTER 7989	124.4	19.1	79.7	8.9
FUNK'S G-4522	124.3	19.5	76.3	7.0
LYNKS LX4533	124.3	19.3	81.4	7.1
ZIMMERMAN Z45	124.2	20.2	79.9	5.2
STAUFFER S7759	124.0	18.9	83.6	7.6
CAVERNDAL FM. CP6065	124.0	21.5	79.4	6.8
STEWART HYBRIDS S-6973	124.0	19.9	80.6	9.0
CROW'S 666	123.9	18.8	77.0	5.9
SUPER CROST 5438	123.7	18.8	80.0	8.5
AGRATECH GK750	123.6	19.0	80.1	2.6
ASGROW/O'S GOLD RX892	123.5	21.0	80.0	2.9

TABLE 12.—TWO-YEAR SUMMARY (continued)

VARIETY	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 85-86	MOIST 85-86	STAND 85-86	LODGED 85-86
YELLOW HYBRIDS				
JACQUES 8100	133.2	18.9	79.6	9.2
D&H SEEDS DH9113	132.4	20.6	81.7	6.0
STEWART HYBRIDS S-6973	132.4	19.9	80.0	7.9
SUPER CROST 5438	132.3	18.5	82.8	9.4
SCOTT SEED LR880	132.3	21.0	82.1	7.3
PAYMASTER 8990	132.1	21.0	80.8	7.5
JACQUES 8350	131.8	19.7	79.6	3.8
ASGROW/O'S GOLD RX892	131.5	19.9	82.6	3.2
SEEDTEC H-2675	130.7	19.9	83.3	4.2
FUNK'S G-4522	130.5	19.1	79.8	5.7
JACOBI 6600	130.5	18.3	82.4	6.3
GUTWEIN 2820	130.0	20.1	80.0	4.3
NORTHRUP-KING PX79	129.8	18.8	85.5	5.2
MCCURDY 84AA	129.7	20.2	79.1	6.6
AGRIGOLD A-6865	128.7	20.2	82.3	4.2
CROW'S 688	128.2	20.1	79.8	5.3
JACOBI 6700	128.2	19.5	73.7	3.7
LEADER SX717	128.1	20.2	81.2	5.7
SO. STATES SS737	127.6	18.3	80.9	7.1
SUPER CROST 7576	127.1	19.9	79.4	8.2
USS AG-CHEM USS7001	126.9	19.3	79.6	5.9
COKER 8625	124.4	19.1	79.9	4.7
PRINCETON SX860	124.2	20.5	81.8	2.4
SO. STATES SS811	123.9	19.9	80.8	7.1
PRAIRIE STREAM SX730	122.2	20.3	79.5	3.8
AGRATECH GK925	120.4	20.8	77.4	6.3
YELLOW AVERAGE	134.2	19.8	81.8	6.2
WHITE HYBRIDS				
AGRIGOLD A-6795W	132.6	22.2	83.3	9.8
ZIMMERMAN Z14W	130.4	22.0	84.6	9.2
VINEYARD SEED MV-58W	123.7	20.4	81.9	8.0
VINEYARD SEED MV-68W	114.5	21.7	76.9	7.4
COKER 833W	113.6	22.6	80.6	5.6
WHITE AVERAGE	123.0	21.8	81.5	8.0
GRAND AVERAGE	133.4	19.9	81.8	6.3

**TABLE 13.—THREE-YEAR SUMMARY, NON-VIRUS LOCATIONS,
1984-1986 (Morganfield, Russellville/Elkton, Shelbyville,
and Lexington)**

VARIETY	YIELD BU/AC 84-86	AVG % MOIST 84-86	AVG % STAND 84-86	TOTAL % LODGED 84-86
YELLOW HYBRIDS				
P. A. G. SX351	142.6	21.1	81.4	7.4
CARGILL 967	142.4	20.3	83.3	11.0
DENNIS DS642	142.0	20.1	78.6	6.6
PIONEER BRAND 3320	141.4	20.8	82.7	6.1
COLBERT 326	140.0	20.8	82.7	8.7
COLBERT 345	139.7	22.3	84.0	8.9
CARGILL 980	139.6	22.4	82.2	8.1
GOLDEN AC. T-E 6996	139.5	22.4	80.3	5.1
ASGROW/O'S GOLD 2570	139.3	20.0	79.7	6.2
AGRIPRO HP555	138.1	20.4	80.9	7.6
DEKALB-PFIZER DK748	137.8	22.2	80.9	4.3
ADLERS 88X	137.8	22.2	79.7	9.8
FUNK'S RA1502	136.6	21.1	82.6	4.0
STAUFFER S7759	136.3	20.6	81.4	6.0
D&H SEEDS DH7183	136.2	21.1	83.2	3.2
ZIMMERMAN Z27	135.2	20.9	81.2	8.8
PAYMASTER 8990	135.2	22.9	78.8	6.8
SELECT SEED 8400	135.1	20.7	82.6	11.1
JACQUES 8100	134.7	20.4	78.8	8.2
SUPER CROST 5438	134.4	20.1	81.4	9.1
CAMPBELL C960	134.3	21.5	78.0	5.2
BO-JAC 674	134.1	20.9	81.4	5.4
CAVERDALE FM. CF6065	134.1	22.3	82.2	8.3
SELECT SEED 9131	134.0	20.9	81.4	4.5
GOLDEN AC. T-E 6998	133.7	22.3	79.4	7.0
FUNK'S G-4522	133.6	20.2	78.4	4.5
NORTHRUP-KING PX9581	133.0	21.4	80.5	6.8
SEEDTEC H-2675	132.9	21.3	81.3	3.8
NORTHRUP-KING PX95	132.9	22.9	83.0	13.9
AGRATECH GK900	132.4	21.9	81.6	6.3
CROW'S 688	132.1	21.3	79.8	5.4
AGRIGOLD A-6865	131.8	21.7	80.3	4.5
LEADER SX717	130.5	21.4	79.6	5.4
BECK'S 85XA	129.9	22.2	73.1	7.0
JACOBI 6700	129.1	21.0	73.2	4.1
MCCURDY 84AA	128.7	21.9	79.7	7.0
JACOBI 6600	128.5	19.4	80.8	5.9
SCOTT SEED LR880	128.1	22.9	79.5	7.9
USS AG-CHEM USS7001	127.9	20.8	79.3	4.5
D&H SEEDS DH9113	127.5	21.8	80.3	6.5
STEWART HYBRIDS S-6973	127.4	21.1	76.5	7.8
PRAIRIE STREAM SX730	126.2	21.8	77.5	3.6
SO. STATES SS811	126.1	21.3	78.4	6.2
PRINCETON SX860	125.3	21.6	80.4	2.9
AGRATECH GK925	125.0	22.3	76.3	6.0
YELLOW AVERAGE	133.8	21.4	80.2	6.6
WHITE HYBRIDS				
AGRIGOLD A-6795W	128.6	23.6	80.0	10.0
ZIMMERMAN Z14W	123.5	23.5	78.7	9.6
VINEYARD SEED MV-58W	117.3	22.2	78.5	7.3
COKER 833W	116.8	25.0	80.2	7.7
VINEYARD SEED MV-68W	113.9	23.5	78.9	6.9
WHITE AVERAGE	120.0	23.6	79.3	8.3
GRAND AVERAGE	132.5	21.6	80.1	6.8

TABLE 14.—CORN VIRUS TEST, HENDERSON

VARIETY	YIELD BU/AC 1986	AVG % MOIST 1986	AVG % STAND 1986	%TOTAL LODGED 1986	% VIRUS RATING*
MCCURDY 83-40	177.8	20.6	83.8	0.5	0.0
BO-JAC 905	175.4	19.8	82.9	0.6	0.0
STAUFFER S8645	173.4	21.4	80.6	0.0	0.0
JACOBI 8950	172.0	21.8	85.2	0.5	0.0
SEEDTEC SP-7750	167.8	20.3	88.4	1.0	0.0
JACOBI 8850	166.5	19.4	81.5	1.2	0.0
FUNK'S G-4666	162.5	19.3	85.2	0.5	0.0
NORTHROP-KING PX95	161.7	23.9	76.9	1.7	0.0
NORTHROP-KING PX715	161.6	22.6	75.9	0.0	0.0
AGRIGOLD XA-830	161.5	20.9	78.2	0.0	0.0
ZIMMERMAN Z35	161.5	20.9	82.9	3.7	0.0
DEKALB-PFIZER XL72B	157.7	24.2	75.0	0.0	0.0
PIONEER BRAND 3378	157.6	18.4	82.9	0.0	0.0
SUPER CROST E119	156.7	23.2	73.1	0.6	0.0
STEWART SEEDS SX92M	156.0	20.2	71.3	0.6	0.0
DEKALB-PFIZER DK689	155.9	23.2	84.7	0.0	0.0
DEKALB-PFIZER DK789	153.8	27.7	85.2	0.5	0.0
SELECT SEED 9131	153.7	22.1	80.6	0.0	0.0
NORTHROP-KING PX79	153.5	21.0	77.3	3.7	0.0
GOLDEN AC. T-E 6997	151.6	22.7	74.1	1.3	0.0
AGRATECH EX4910	151.0	21.9	81.0	4.3	0.0
PFISTER HYBRIDS 4444	149.0	20.4	81.5	0.0	0.0
FUNK'S G-4734	148.3	23.0	81.5	0.0	0.0
GOLD MEDAL 984	147.7	23.4	79.2	1.7	0.0
MCCURDY 85-60	147.1	22.8	79.6	3.5	0.0
P. A. G. SX17A	144.9	20.6	79.2	3.4	0.0
FUNK'S G-4765	143.9	23.2	81.0	2.3	0.0
P. A. G. SX16A	143.6	20.1	84.3	0.6	0.0
JACQUES 8250	142.2	21.5	71.3	0.0	0.0
GOLD MEDAL 335	141.6	22.6	72.7	2.4	0.0
PRINCETON SX906	140.4	24.3	70.8	1.3	0.0
D&H SEEDS DH7150	140.4	19.8	73.6	0.6	0.0
BO-JAC XM832	137.6	24.5	75.9	0.7	0.0
GOLD MEDAL 3357	137.4	20.6	80.1	0.0	0.0
PIONEER BRAND 3187	136.6	22.8	84.3	0.6	0.0
PRAIRIE STREAM X2317	136.4	24.8	68.1	2.7	0.0
PIONEER BRAND 3147	132.5	25.5	73.6	0.0	0.0
COKER 8696	132.1	23.1	68.5	0.0	0.0
JACOBI CX92	132.1	23.4	73.1	1.1	0.0
FUNK'S G-4868	130.9	24.9	79.6	0.0	0.0
AGRATECH GK875	129.9	23.8	72.7	2.2	0.0
BECK'S 85MDM	127.4	22.9	85.2	2.7	0.0
ADLERS 70X	126.7	21.0	70.4	3.5	0.0
SUPER CROST 7795	124.8	23.9	76.4	2.3	0.0
SO. STATES SS767	121.0	20.6	72.7	1.9	0.0
SO. STATES SS815	117.6	21.6	81.9	0.0	0.0
CAVERNDAL FM. CF1860	117.2	23.8	71.3	0.0	0.0
STAUFFER S8445	116.8	23.7	79.2	9.6	0.0
GOLDEN AC. T-E 6945	115.7	18.2	61.1	1.5	0.0
CHECK HYBRID WHITE [†]	121.0	27.7	75.3	1.1	0.0
CHECK HYBRID YELLOW**	138.1	19.9	78.2	2.4	0.0
GRAND AVERAGE	145.3	22.2	77.8	1.4	0.0
LSD(0.10)	22.6	3.1	9.5	3.7	0.0
C.V.	11.6	8.0	9.0	193.3	0.0

* 1 = healthy, 9 = dead

** Mean of four susceptible yellow hybrids

[†] Mean of three susceptible white hybrids

TABLE 15.—CORN VIRUS TEST, FRANKFORT

VARIETY	YIELD BU/AC 85-86	YIELD BU/AC 1986	AVG % MOIST 1986	AVG % STAND 1986	TOTAL % LODGED 1986	VIRUS RATING*
YELLOW HYBRIDS						
DEKALB-PFIZER XL72B	89.2	87.4	19.1	67.6	2.2	1.3
DEKALB-PFIZER DK689	101.5	83.5	22.0	63.4	6.6	1.2
PIONEER BRAND 3187	90.5	79.5	19.6	75.5	3.8	1.5
COKER 8696	89.3	78.8	21.7	68.1	3.9	1.3
STAUFFER S8645		76.7	19.6	42.6	14.4	2.0
SO. STATES SS767	86.2	76.5	18.8	66.2	7.8	1.2
FUNK'S G-4868		74.9	22.2	65.3	5.0	2.2
FUNK'S G-4734	90.1	74.1	22.1	60.6	4.5	1.5
JACOBI 8950		73.6	20.9	61.6	6.1	1.2
PIONEER BRAND 3147	80.7	73.3	22.1	63.9	3.7	1.4
SO. STATES SS815	87.9	72.9	21.3	66.2	5.6	1.9
PRAIRIE STREAM X2317	81.0	72.5	20.7	65.7	4.1	1.5
PFISTER HYBRIDS 4444		72.5	19.5	66.2	7.2	1.9
SEEDTEC SP-7750		72.2	19.1	62.0	8.5	2.9
FUNK'S G-4666		71.7	19.9	61.6	4.3	2.6
BECK'S 85MDM	92.6	71.7	20.5	68.1	4.9	1.2
JACQUES 8250	94.2	70.7	20.5	60.6	4.7	1.8
MCCURDY 85-60		70.4	22.2	61.6	7.3	2.3
DEKALB-PFIZER DK789	78.0	69.8	22.8	75.9	2.5	1.2
GOLDEN AC. T-E 6997		69.0	19.6	61.1	2.0	2.2
MCCURDY 83-40	84.6	68.2	19.7	69.0	6.0	3.1
SELECT SEED 9131	93.2	67.9	20.0	65.3	5.0	2.5
SUPER CROST E119		66.5	19.6	59.3	7.1	2.4
P. A. G. SX16A	80.5	65.4	18.1	68.1	7.8	1.6
BO-JAC XM832		64.3	21.2	64.8	0.0	1.2
PIONEER BRAND 3378		63.2	18.7	73.6	6.9	1.4
BO-JAC 905		63.0	19.6	69.0	11.0	3.4
ZIMMERMAN Z35		62.3	20.7	57.4	4.8	2.6
NORTHRUP-KING PX95	90.9	61.3	21.6	60.6	13.0	2.1
GOLD MEDAL 3357		60.5	19.9	72.7	4.4	1.5
P. A. G. SX17A	80.2	60.1	20.7	58.3	11.1	1.2
GOLD MEDAL 984		59.1	18.8	59.3	7.4	3.0
AGRATECH EX4910		58.4	20.1	56.9	8.8	2.7
SUPER CROST 7795	69.0	57.9	20.3	70.8	3.2	1.4
STAUFFER S8445	82.7	56.4	20.8	69.4	5.6	1.5
FUNK'S G-4765	68.3	56.4	21.0	56.0	5.8	2.5
ADLERS 70X	83.9	56.4	19.0	54.2	6.8	1.1
STEWART SEEDS SX92M		55.3	19.8	57.4	2.7	1.7
GOLD MEDAL 335		55.1	21.1	63.9	7.2	2.0
AGRATECH GK875	78.0	54.5	21.9	64.4	3.4	1.5
NORTHRUP-KING PX79		52.6	20.7	66.2	7.6	1.6
JACOBI 8850	80.2	51.5	20.4	57.9	8.8	3.6
AGRIGOLD XA-830	80.2	51.2	20.2	61.1	12.8	3.3
GOLDEN AC. T-E 6945	76.4	50.1	19.0	65.3	20.4	2.2
JACOBI CX92	81.5	50.0	20.9	69.9	1.9	1.5
D&H SEEDS DH7150	75.5	48.9	20.5	75.5	4.9	1.5
NORTHRUP-KING PX715		42.5	20.0	55.6	16.4	4.6
CAVERNDALE FM. CF1860	71.7	42.3	22.9	51.9	4.4	1.6
PRINCETON SX906		24.9	22.4	53.7	22.7	5.3
WHITE HYBRIDS						
CHECK HYBRID WHITE †	54.1	43.5	21.5	56.9	17.7	2.8
CHECK HYBRID YELLOW**	36.9	26.9	19.1	59.6	35.3	5.5
GRAND AVERAGE	81.0	62.5	20.5	63.3	7.7	2.1
LSD(0.10)		21.3	1.6	12.1	8.4	0.8
C.V.		26.2	5.9	14.0	63.5	24.8

* 1 = healthy, 9 = dead

** Mean of four susceptible yellow hybrids

† Mean of three susceptible white hybrids

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