



# KENTUCKY HYBRID CORN PERFORMANCE TEST — 1975

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# LOCATIONS OF THE 1975 KENTUCKY HYBRID CORN PERFORMANCE TEST



*(Locations identified in Table 3.)*

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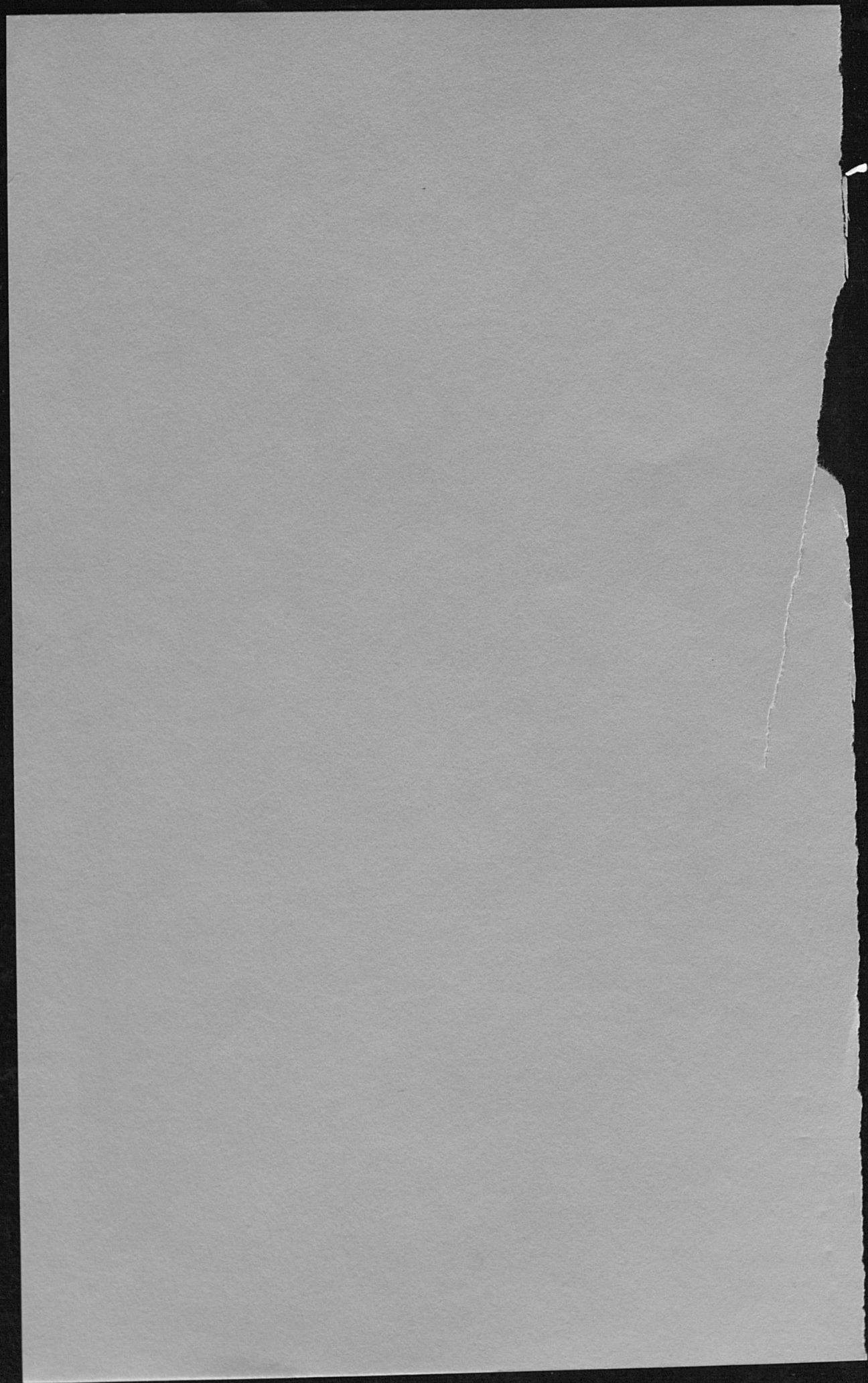
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# Kentucky Hybrid Corn Performance Test 1975

*By 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 1975 data are presented for each location where a test was conducted except for the virus test at Russellville, Ky. which was severely damaged by drought. We judged these results to be of no value for the intended purpose. Therefore, to provide best available information, the virus test results from 1974 are repeated.

Two-year and three-year averages are included in each of the single-location tables. 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 relative yield ability than data gathered at one location in one year.

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

## TESTING PROCEDURE

### SELECTION OF HYBRIDS

The hybrids chosen for testing are those most likely to be available for sale in 1976. Seed of each commercial hybrid (Table

1) was obtained from dealer stocks in Kentucky whenever possible.

Those hybrids grown in the corn virus test and high population tests are indicated in column 2 of Table 1. The hybrid corn companies were asked to nominate those hybrids known to have virus resistance for inclusion in the virus test. Hybrids grown in the high population tests were also suggested by the parent company.

#### LOCATION OF TESTS

The map on page 2 shows the location for each test. The Lexington and Princeton locations had both normal and high population tests, while all other locations had only the normal population. The Russellville site was specifically chosen for the presence of corn virus.

Planting of the Princeton tests was delayed because of a Johnsongrass control program and subsequently were heavily lodged from southwestern corn borer infestation. The yields (Tables 4 and 14) were influenced by the late planting as well as the extreme lodging which resulted in harvest losses.

#### CULTURAL PRACTICES

The seedbed at each location except Elizabethtown and Franklin was prepared by conventional tillage methods. Fertilizer was applied as indicated by soil tests. The test at Elizabethtown was planted in a fescue sod and at Franklin in wheat, using recommended no-tillage practices. The test areas were treated with herbicide and supplemented by post-emergence cultivation when necessary. Furadan was applied in the row at planting. Table 2 shows the specific treatment for each location.

#### EXPERIMENTAL DESIGN

Uncontrollable variability of soil types, fertility, and other factors was sampled by using three replications of lattice design. Yields presented in Tables 3 through 21 are adjusted for block and replication differences when shown applicable by statistical analyses.



## PLANTING

All plots were planted with a two-row no-till corn 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. Population was varied by planting different numbers of kernels per row. A normal population test had 20,000 kernels planted per acre, while the high population test had 26,000 kernels planted per acre.

## HARVESTING

All plots were harvested with a tractor-mounted one-row picker-sheller. Both rows of each two-row plot were picked, 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. Later, acre yields were calculated and adjusted to No. 2 corn at 15.5% moisture. Dropped ears were not gleaned from the plots. The number of plants remaining in each plot at harvest and the number of lodged plants were recorded immediately prior to harvest.

## CORN VIRUS

Two corn virus diseases occur in Kentucky; maize dwarf virus (MDM) and maize chlorotic dwarf virus (MCD). Both overwinter in Johnsongrass, and both are probably present in most areas where maize dwarf mosaic virus had previously been determined as the major disease. For this reason, the Russellville, Ky. test (Tables 19-21) is called the "corn virus test" with the understanding that resistance to both maize dwarf mosaic and maize chlorotic dwarf virus is being evaluated. The virus rating shown in the first column of Tables 19-21 is a visual rating of virus infestation. A 9 rating means heavy infection while a 1 rating means no visible symptoms. The data shown in Tables 19-21 are from the years 1972-1974 since the 1975 data were considered unusable.

TABLE 1.—HYBRIDS TESTED IN 1975

Hybrid		Test*	Color	Cross**	Source of Hybrid
A.C.C.O.	UC8801	A	Yellow	2X	ACCO Seed, Div. of Anderson, Clayton & Co. P.O. Box 9 Belmond, Ia. 50421
	UC9451	AB	"	2X	
	UC9351	B	"	2X	
	AR19792	B	"	2X	
	AR20657	B	"	2X	
	AR14289	B	"	2X	
Adlers	87X	AB	Yellow	2X	Adler's Seeds Inc. Route # 1 Sharpville, Ind.46068
	62X(Exp.)	B	"	2X	
Asgrow	RX100	AB	Yellow	2X	Asgrow Seed Co. Des Moines, Ia. 50310
	RX114	A	"	3X	
	RX 90	B	"	2X	
	RX 115	C	"	2X	
	RX 123W	C	White	3X	
	RX 125W	C	"	3X	
Bo-Jac	X83	AC	Yellow	2X	Bo-Jac Hybrid Corn Co. Route # 2 Mt. Pulaski, Ill. 62548
	X1A	A	"	2X	
	X7L	BC	"	2X	
	X56	B	"	2X	
	8371	C	"	4X	
	X62	B	"	2X	
	X52A	B	"	2X	
Coker	16	AB	Yellow	2X(Mod)	Cokers Pedigreed Seed Co. P.O.Box 340 Hartsville, S.C.29550
	56	C	"	4X	
Dekalb	XL75	AB	Yellow	2X	Dekalb Agr. Research Inc. Dekalb, Ill. 60015
	XL72B	ABC	"	2X	
	XL78	AB	"	2X	
	XL390A	A	White	3X	
	XL80	A	Yellow	2X	
	XL70	A	"	2X	
	XL64A	B	"	2X	
Dennis	37	A	Yellow	2X	Dennis Hybrid Corp. P.O. Box 487 Windfall, Ind. 46076

(Footnotes at end of table)

(Continued)



TABLE 1 (continued)

Hybrid		Test*	Color	Cross**	Source of Hybrid
Funk's	G-4628	A	Yellow	2X	Funk Seeds Internat'l, Inc. 1300 W. Washington Bloomington, Ill. 61701
	G-4507	A	"	2X	
	G-4747W	A	White	SpX	
	G-4611	A	Yellow	2X(Mod)	
	G-4810	AC	"	2X	
	G-4762	C	"	3X	
	Exp. 25601	C	"	2X	
	Exp. 26550	C	"	3X	
Golden Acres	T-E 6968	A	Yellow	2X	Taylor-Evans Seed Co. P.O. Box 68 Tulia, Tx. 79088
	T-E 6935	A	"	2X	
	T-E 6980	A	"	2X	
	VR-20Y	C	"	4X	
Golden Harvest	H-2666	A	Yellow	2X	Columbiana Seed Co. Eldred, Ill. 62027
	H-2655	A	"	2X	
	H-2660W	A	White	2X	
	H-2750	AC	Yellow	3X	
	H-2626	AC	"	2X	
	H-2831	C	"		
Golden Hybrids	SX104	A	Yellow	2X	Williams Grain Co. P.O. Box 147 Goldengate, Ill. 62843
Green's	LW-9045-A	A	Yellow	2X	Green Seed Co. P.O. Box 943 Gallatin, Tenn. 37066
Gutwein	86	A	Yellow	2X	Fred Gutwein & Sons, Inc. Route # 1, Box 40 Francesville, Ind. 47946
	88A	A	"	2X	
	64	B	"	2X	
Hulting	X980	A	Yellow	2X	Hulting Hybrids, Div. of Ferry Morse Seeds, Box 24 Geneseo, Ill. 61254
	X880	A	"	2X	
	X770	BC	"	2X	
	X8775	C	"	3X	
	Exp. 73649	C	"	2X	
Mason	8869	A	Yellow	2X	Mason Hybrid Corn Co., Inc. 1017 W. Main St. P.O. Box 4 Princeton, Ky. 42445
	7766	AB	"	2X	
	9997	C	"	3X	

(Continued)

TABLE 1 (continued)

Hybrid		Test*	Color	Cross**	Source of Hybrid
McNair	X170	AB	Yellow	2X	McNair Seed Co. P.O.Box 706 Laurinburg, N.C. 28352
	X233	A	White	2X	
	X194	B	Yellow	2X	
	X300	C	"	2X	
	S338	C	"	3X	
	73002	C	"	2X	
Migro	M-5045	A	Yellow	4X	Migro Hybrids P.O.Box 7 Mitchell, Ind. 47446
	M-7072	A	"	2X	
	M-7074	A	"	2X	
	M-6666	A	"	2X	
	M-600	C	"	2X	
Muncy Chief	SX878	A	Yellow	2X	Muncy Chief Hybrids Market & High Streets Muncy, Pa. 17756
	3X898	A	"	3X	
	SX662	B	"	2X	
	H764	B	"	4X	
Northrup-King	PX76	AB	Yellow	2X	Northrup-King & Co. 1500 Jackson St., N.W. Minneapolis, Minn. 55413
	PX79	AB	"	2X	
	PX74	AB	"	2X	
	PX91	AC	"	2X	
	PX65	B	"	2X	
	PX677	B	"	3X	
	PX737	C	"	3X	
	PX77	B	"	2X	
P.A.G.	SX98	A	Yellow	2X	P.A.G. Seeds Box 2187 Loop Station Minneapolis, Minn. 55402
	SX494	AB	"	2X	
	644W	A	White	3X	
	SX70W	A	"	2X	
	SX17A	C	Yellow	2X	
Pioneer Brand	3369A	A	Yellow	2X	Pioneer Hi-Bred, Inc. 221 N. Main St. Tipton, Ind. 46072
	3368A	A	"	2X(Mod)	
	3535	AB	"	2X	
	3161	A	"	3X(Mod)	
	3318	A	"	2X	
	511A	A	White	4X	
	3145	C	Yellow	3X	
	3147	C	"	2X(Mod)	
	3179	C	"	2X(Mod)	

(Continued)



TABLE 1 (continued)

Hybrid		Test*	Color	Cross*	Source of Hybrid
Premier	655	A	Yellow	2X	Premier Hybrids Route # 15, Box 223X Action, Ind. 46259
Princeton	SX630	A	Yellow	2X	Princeton Farms P.O. Box 319 Princeton, Ind.47670
	SX850	A	"	2X	
	SX910	AC	White	2X	
	865	C	Yellow	4X	
	MD885	C	"	4X	
Security	SS115	A	Yellow	2X	Security Seed Co. P.O. Box 630 Williamsburg, Ia. 52361
	SS120	A	"	2X	
Seed Kem	SKX-66	AB	"	2X	Seed Kem Inc. 526 N.W.Fourth St. Evansville, Ind.47701
	SKX-86	AB	"	2X	
S.S. Hybrids	JX86	A	Yellow	2X	S. S. Hybrids Camden, Ind.46917
	8800	A	"	2X	
So.States	SS698	A	Yellow	SpX	Southern States Coop.,Inc. 2600 Durham St. Richmond, Va. 23220
	SS715	A	"	3X	
	SS750	AB	"	SpX	
	SS775	A	"	2X	
	SS866	C	"	4X	
Stewarts	SX71K	AB	Yellow	2X	Stewart Hybrids Princeville, Ill 61559
	SX52	AB	"	2X	
	SX49	B	"	2X	
Stull's	SX-2666	A	Yellow	2X	Stull Hybrids Inc. P.O. Box 7 Sebree, Ky.42455
	SX-2700	A	"	2X	
	Sp-2777	A	"	3X	
	WSP-2799	A	White	3X	
Super Crost	5440	A	Yellow	2X	Edw. J. Funk & Sons., Inc. P.O.Box 67 Kentland, Ind. 47951
	7772	AB	"	2X(Mod)	
	8282	B	"	2X(Mod)	
	S85	B	"	2X	
	70DR	C	"	2X	

(continued)

TABLE 1 (continued)

Hybrid		Test*	Color	Cross**	Source of Hybrid
Trojan	TXS114	AB	Yellow	2X	Trojan Seed Co. Box 367 Windfall, Ind. 46076
	TXS115A	AB	"	2X	
	TXS 113	AB	"	2X	
	TXS117A	A	"	2X	
	X142	C	"	2X	
	X2722	C	"	2X	
	X3524	C	"	3X	
Vorix	V2532	A	Yellow	2X	Vorix Seeds, Inc. Box 457 Windfall, Ind.46076
	V2642	A	"	2X	
	V2632	C	"	2X	
Wilstar	RV80	AB	Yellow	2X	Helena Chemical Co P.O. Box 641 Hopkinsville,Ky.42240
	RV70	B	"	2X	
Zimmerman's	Z24	AC	Yellow	2X	Zimmerman's Hybrids.,Inc. Route # 2 Evansville, Ind.47712
	Z11W	AC	White	2X	
	Z52W	AC	"	3X	

\* A = Performance Test - Normal Population, B = Performance Test - High Population, C = Corn Virus Test - Normal Population (1974 data).

\*\* 2X = Single Cross, 2X(Mod) = Modified Single Cross, 3X = Three-way Cross, 4X = Double Cross, SpX= Special Cross



TABLE 2.-AGRONOMIC INFORMATION PERTAINING TO 1975 TEST LOCATIONS

Location and Cooperator	Soil Type	Fertilizer lb/A	Herbicide	Insecticide	Planting Date	Harvest Date	Comments
(1) Mayfield, Ky. Berthal Johnson	Collins Silt Loam	N-175 P <sub>2</sub> O <sub>5</sub> -48 K <sub>2</sub> O-48	Aatrex and Lasso	Furadan 10 lb/A	April 22	Sept. 29 " 30	
(2) Princeton, Ky. Western Ky. Substation	Huntington & Lindsie Silt Loam	N-150 P <sub>2</sub> O <sub>5</sub> -None K <sub>2</sub> O-60	Princep and Eradicane Preplant Incorporated	Furadan 23 lb/A	May 28	Oct. 26 " 27 " 28	Johnsongrass Control Program S.W.Corn Borer
(3) Henderson, Ky. James McConathy	Wakeland Silt Loam	N-135 P <sub>2</sub> O <sub>5</sub> -90 K <sub>2</sub> O-120	Aatrex and Eradicane Preplant Incorporated	Furadan 10 lb/A	May 19	Oct. 24 " 25	
(4) Hartford, Ky. Dane Milligan	Melvin Silt Loam	N-164 P <sub>2</sub> O <sub>5</sub> -46 K <sub>2</sub> O-60	Aatrex and Sutan + Preplant Incorporated	"	May 19	Oct. 23 " 24	
(5) Russellville, Ky. Charles Noe	Pembroke Silt Loam	N-110 P <sub>2</sub> O <sub>5</sub> -100 K <sub>2</sub> O-100	Aatrex and Eradicane Preplant Incorporated	"	May 5	Oct. 2	Corn Viruses Drought
(6) Franklin, Ky. Bob Wade	Crider Silt Loam	N-140 P <sub>2</sub> O <sub>5</sub> -70 K <sub>2</sub> O-34	Aatrex, Lasso, and Paraquat Post Plant	"	May 6	Oct. 2 " 3	No-till Small Grain Drought
(7) Elizabethtown, Ky. Walker Thomas and Guy Williams	Crider Silt Loam	N-120 P <sub>2</sub> O <sub>5</sub> -100 K <sub>2</sub> O-None	Aatrex and Paraquat Preplant	"	May 8	Oct. 6 " 7	No-till Fescue Sod Army Worms Drought
(8) Lexington, Ky. Ky. A.E.S. Spindletop Farm	Lanton Silt Loam	N-150 P <sub>2</sub> O <sub>5</sub> -None K <sub>2</sub> O-60	Princep and Eradicane Preplant Incorporated	"	May 14	Oct. 13(N) " 14(H)	
(9) Quicksand, Ky. Robinson Substation	Philo Silt Loam	N-160 P <sub>2</sub> O <sub>5</sub> -60 K <sub>2</sub> O-60	Princep Broadcast	"	May 13	Oct. 15 " 22	

TABLE 3.—ANNUAL SUMMARY, NORMAL POPULATION, MAYFIELD, KY.

HYBRID	3-YR			2-YR			YIELD			1975 RESULTS			1975 RESULTS						
	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	MOIST	AVG %	STAND	TOTAL %	LODGED	MOIST	AVG %	STAND	TOTAL %	LODGED	
YELLOW																			
ZIMMERMAN Z24Y	159.0	154.8	146.0	16.4	79.7	11.9	146.0	16.4	79.7	11.9	146.0	16.4	79.7	11.9	146.0	16.4	79.7	11.9	146.0
A.C.C.O. UC 9451			136.1	17.5	89.1	23.8	136.1	17.5	89.1	23.8	136.1	17.5	89.1	23.8	136.1	17.5	89.1	23.8	136.1
MIGRO M-7074			135.7	19.4	79.7	18.3	135.7	19.4	79.7	18.3	135.7	19.4	79.7	18.3	135.7	19.4	79.7	18.3	135.7
PRINCETON SX 850	133.1	143.2	134.8	15.9	83.3	7.7	134.8	15.9	83.3	7.7	134.8	15.9	83.3	7.7	134.8	15.9	83.3	7.7	134.8
PIONEER BRAND 3369A	146.4	146.8	133.3	16.3	82.8	10.5	133.3	16.3	82.8	10.5	133.3	16.3	82.8	10.5	133.3	16.3	82.8	10.5	133.3
PIONEER BRAND 3161		147.8	132.6	17.4	78.6	13.5	132.6	17.4	78.6	13.5	132.6	17.4	78.6	13.5	132.6	17.4	78.6	13.5	132.6
PIONEER BRAND 3368A			130.0	17.9	72.9	14.7	130.0	17.9	72.9	14.7	130.0	17.9	72.9	14.7	130.0	17.9	72.9	14.7	130.0
MIGRO M-7072	147.8	147.0	129.9	17.0	69.8	4.7	129.9	17.0	69.8	4.7	129.9	17.0	69.8	4.7	129.9	17.0	69.8	4.7	129.9
80-JAC X83	144.7	144.8	127.9	17.6	74.0	11.4	127.9	17.6	74.0	11.4	127.9	17.6	74.0	11.4	127.9	17.6	74.0	11.4	127.9
DEKALB XL78		148.2	127.2	17.5	86.5	8.8	127.2	17.5	86.5	8.8	127.2	17.5	86.5	8.8	127.2	17.5	86.5	8.8	127.2
GOLDEN HYBRIDS SX104			126.6	17.2	84.4	11.6	126.6	17.2	84.4	11.6	126.6	17.2	84.4	11.6	126.6	17.2	84.4	11.6	126.6
VORIS SEEDS V2532			126.5	16.4	89.1	8.8	126.5	16.4	89.1	8.8	126.5	16.4	89.1	8.8	126.5	16.4	89.1	8.8	126.5
WILSTAR RV 80			126.5	19.5	81.3	8.5	126.5	19.5	81.3	8.5	126.5	19.5	81.3	8.5	126.5	19.5	81.3	8.5	126.5
PIONEER BRAND 3318			125.4	17.3	80.2	2.5	125.4	17.3	80.2	2.5	125.4	17.3	80.2	2.5	125.4	17.3	80.2	2.5	125.4
VORIS SEEDS V2642			124.9	17.8	79.7	0.6	124.9	17.8	79.7	0.6	124.9	17.8	79.7	0.6	124.9	17.8	79.7	0.6	124.9
SECURITY S5120			123.8	18.7	76.6	10.9	123.8	18.7	76.6	10.9	123.8	18.7	76.6	10.9	123.8	18.7	76.6	10.9	123.8
NORTHROP-KING PX79			123.4	16.1	84.4	16.9	123.4	16.1	84.4	16.9	123.4	16.1	84.4	16.9	123.4	16.1	84.4	16.9	123.4
COKER 16		138.2	122.8	16.9	86.5	12.6	122.8	16.9	86.5	12.6	122.8	16.9	86.5	12.6	122.8	16.9	86.5	12.6	122.8
GOLDEN HARVEST H2666			122.3	16.2	81.8	8.5	122.3	16.2	81.8	8.5	122.3	16.2	81.8	8.5	122.3	16.2	81.8	8.5	122.3
GUTWEIN 88A		142.3	121.2	18.8	79.2	9.4	121.2	18.8	79.2	9.4	121.2	18.8	79.2	9.4	121.2	18.8	79.2	9.4	121.2
P-A-G SX 98	134.4	130.2	121.0	17.1	74.0	5.0	121.0	17.1	74.0	5.0	121.0	17.1	74.0	5.0	121.0	17.1	74.0	5.0	121.0
ADLERS 87X			118.5	17.1	83.9	6.4	118.5	17.1	83.9	6.4	118.5	17.1	83.9	6.4	118.5	17.1	83.9	6.4	118.5
S S HYBRIDS JX-880	141.6	144.0	118.2	17.9	78.1	14.2	118.2	17.9	78.1	14.2	118.2	17.9	78.1	14.2	118.2	17.9	78.1	14.2	118.2
SUPER CROST 544C		130.7	115.9	14.9	84.9	12.9	115.9	14.9	84.9	12.9	115.9	14.9	84.9	12.9	115.9	14.9	84.9	12.9	115.9
FUNK'S G4810			114.0	18.0	81.3	29.6	114.0	18.0	81.3	29.6	114.0	18.0	81.3	29.6	114.0	18.0	81.3	29.6	114.0
TROJAN TXS 117A			114.0	17.1	82.8	15.9	114.0	17.1	82.8	15.9	114.0	17.1	82.8	15.9	114.0	17.1	82.8	15.9	114.0
DEKALB XL75			113.8	16.5	80.7	7.1	113.8	16.5	80.7	7.1	113.8	16.5	80.7	7.1	113.8	16.5	80.7	7.1	113.8
STULL'S SP2777			113.2	16.4	75.0	18.8	113.2	16.4	75.0	18.8	113.2	16.4	75.0	18.8	113.2	16.4	75.0	18.8	113.2
PIONEER BRAND 3535		131.6	112.7	16.1	80.7	4.7	112.7	16.1	80.7	4.7	112.7	16.1	80.7	4.7	112.7	16.1	80.7	4.7	112.7
PRINCETON SX 630		131.3	112.0	17.3	93.2	9.1	112.0	17.3	93.2	9.1	112.0	17.3	93.2	9.1	112.0	17.3	93.2	9.1	112.0
HULTING X980		130.9	112.0	17.8	71.4	6.6	112.0	17.8	71.4	6.6	112.0	17.8	71.4	6.6	112.0	17.8	71.4	6.6	112.0
ASGROW RX 114			112.0	17.3	89.1	26.9	112.0	17.3	89.1	26.9	112.0	17.3	89.1	26.9	112.0	17.3	89.1	26.9	112.0
FUNK'S G4628	136.4	139.1	111.5	17.7	73.4	6.3	111.5	17.7	73.4	6.3	111.5	17.7	73.4	6.3	111.5	17.7	73.4	6.3	111.5
A.C.C.O. UC 8801		133.2	110.6	17.2	67.7	13.7	110.6	17.2	67.7	13.7	110.6	17.2	67.7	13.7	110.6	17.2	67.7	13.7	110.6
SO. STATES S5775	133.4	144.3	109.6	15.5	88.0	23.5	109.6	15.5	88.0	23.5	109.6	15.5	88.0	23.5	109.6	15.5	88.0	23.5	109.6
FUNK'S G4507			109.5	18.4	76.0	2.8	109.5	18.4	76.0	2.8	109.5	18.4	76.0	2.8	109.5	18.4	76.0	2.8	109.5
T-E 6980			108.0	15.3	76.6	16.0	108.0	15.3	76.6	16.0	108.0	15.3	76.6	16.0	108.0	15.3	76.6	16.0	108.0
DENNIS 37			107.1	15.7	72.9	21.5	107.1	15.7	72.9	21.5	107.1	15.7	72.9	21.5	107.1	15.7	72.9	21.5	107.1
STEWART SX 52		138.5	106.7	16.2	87.5	25.1	106.7	16.2	87.5	25.1	106.7	16.2	87.5	25.1	106.7	16.2	87.5	25.1	106.7
STULL'S SX2700		130.9	104.5	16.3	79.7	51.0	104.5	16.3	79.7	51.0	104.5	16.3	79.7	51.0	104.5	16.3	79.7	51.0	104.5
GUTWEIN 86			104.5	16.5	81.3	14.1	104.5	16.5	81.3	14.1	104.5	16.5	81.3	14.1	104.5	16.5	81.3	14.1	104.5
MCGNAIR X170			103.7	17.0	82.8	11.7	103.7	17.0	82.8	11.7	103.7	17.0	82.8	11.7	103.7	17.0	82.8	11.7	103.7
MIGRO M-6666		127.2	103.6	17.4	85.9	8.5	103.6	17.4	85.9	8.5	103.6	17.4	85.9	8.5	103.6	17.4	85.9	8.5	103.6
STULL'S SX2666			102.1	15.8	87.0	22.8	102.1	15.8	87.0	22.8	102.1	15.8	87.0	22.8	102.1	15.8	87.0	22.8	102.1
DEKALB XL70			101.8	17.4	71.9	22.1	101.8	17.4	71.9	22.1	101.8	17.4	71.9	22.1	101.8	17.4	71.9	22.1	101.8
DEKALB XL72B		129.2	101.6	16.3	80.2	18.3	101.6	16.3	80.2	18.3	101.6	16.3	80.2	18.3	101.6	16.3	80.2	18.3	101.6
MASON 7766			101.5	17.4	67.2	13.2	101.5	17.4	67.2	13.2	101.5	17.4	67.2	13.2	101.5	17.4	67.2	13.2	101.5
MASON 8869		132.2	101.3	17.2	79.2	47.4	101.3	17.2	79.2	47.4	101.3	17.2	79.2	47.4	101.3	17.2	79.2	47.4	101.3
NORTHROP-KING PX91			101.3	17.2	79.2	47.4	101.3	17.2	79.2	47.4	101.3	17.2	79.2	47.4	101.3	17.2	79.2	47.4	101.3



TABLE 4.—ANNUAL SUMMARY, NORMAL POPULATION, PRINCETON, KY.

HYBRID	3-YR			2-YR			1975 RESULTS			1975 RESULTS		
	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	AVG % MOIST	STAND	AVG % MOIST	STAND	TOTAL LODGED
YELLOW DENNIS 37												17.9
ZIMMERMAN 224Y	139.3	133.9	149.7	19.1	95.8	11.4	109.1	20.3	84.4	109.1	20.3	84.4
HULTING X880			145.4	19.7	94.3	13.6	108.8	21.5	82.3	108.8	21.5	82.3
VORIS SEEDS V2532			145.4	17.9	87.5	17.2	108.4	20.8	91.7	108.4	20.8	91.7
DEKALB XL78			140.8	17.9	88.0	22.3	108.3	18.9	88.0	108.3	18.9	88.0
NORTHROP-KING PX79		118.0	132.7	21.9	90.6	22.3	108.1	20.5	87.0	108.1	20.5	87.0
FUNK'S G4507			131.8	17.4	91.1	8.5	108.0	20.2	83.3	108.0	20.2	83.3
PIONEER BRAND 3365A	128.0	130.1	131.2	18.5	89.1	11.1	107.8	21.3	79.7	107.8	21.3	79.7
GOLDEN HARVEST H2666			130.9	20.2	88.5	14.1	106.4	20.6	81.8	106.4	20.6	81.8
S S HYBRIDS JX-86	124.5	114.8	128.9	20.6	86.5	15.3	105.9	20.1	76.6	105.9	20.1	76.6
PRINCETON SX 630	136.9	115.9	128.3	19.5	90.6	20.2	105.7	17.7	84.4	105.7	17.7	84.4
BO-JAC X83			129.5	19.7	82.8	10.0	105.5	19.5	87.0	105.5	19.5	87.0
NORTHROP-KING PX74		114.9	125.9	18.5	81.3	5.7	104.0	21.6	84.9	104.0	21.6	84.9
ASGROW RX 114			124.3	19.3	90.1	14.6	103.6	20.7	80.7	103.6	20.7	80.7
ASGROW RX 100			123.3	20.1	92.7	10.1	103.4	21.3	88.5	103.4	21.3	88.5
BO-JAC X1A	122.1	122.5	122.6	18.0	84.4	15.9	102.8	18.5	87.5	102.8	18.5	87.5
MIGRO M-7072	127.6	112.1	122.2	20.4	92.2	17.2	101.7	19.9	76.0	101.7	19.9	76.0
STULL'S SP2777			121.8	20.1	93.2	13.8	100.9	19.6	88.0	100.9	19.6	88.0
A.C.C.O. UC 9451			121.4	21.3	90.6	17.2	100.6	19.2	89.6	100.6	19.2	89.6
P-A-G SX 98	130.5	116.7	121.3	19.8	88.5	17.4	100.4	21.2	77.6	100.4	21.2	77.6
SO-STATES S5775	110.1	114.2	120.8	20.1	91.7	5.7	100.1	21.2	87.5	100.1	21.2	87.5
SEED KEM SKX-66			120.3	19.2	89.6	22.3	98.9	18.8	85.4	98.9	18.8	85.4
PIONEER BRAND 3368A			118.9	17.4	92.2	18.7	97.3	21.1	83.9	97.3	21.1	83.9
MIGRO M-5045			118.5	18.5	80.7	17.3	96.6	20.1	68.8	96.6	20.1	68.8
TROJAN TXS 115A		125.3	117.8	19.7	91.1	8.0	95.6	20.8	67.7	95.6	20.8	67.7
MUNAIR X170			117.4	20.9	88.5	19.0	92.8	21.2	85.4	92.8	21.2	85.4
T-E 6980			117.3	18.9	92.7	10.9	82.4	19.8	72.4	82.4	19.8	72.4
SUPER CROST 5440		123.1	117.0	19.4	87.5	24.3	81.9	21.5	76.6	81.9	21.5	76.6
SECURITY S575C			116.9	20.0	79.2	13.1	43.2	19.3	82.8	43.2	19.3	82.8
FUNK'S G4628	116.7	104.8	115.8	19.7	84.4	9.1						
DEKALB XL70			115.5	23.1	85.4	6.9						
FUNK'S G4810			115.2	21.4	91.1	13.7						
VORIS SEEDS V2642			114.3	21.0	89.1	8.8						
SEED KEM SKX-86			113.9	20.6	87.0	21.8						
SECURITY S5120			113.5	19.9	85.9	15.8						
PRINCETON SX 850	120.5	115.9	113.2	21.5	93.8	18.2						
DEKALB XL80	124.6	118.9	112.9	21.0	84.4	10.4						
GUTWEIN 88A			122.5	18.5	85.4	28.7						
STEWART SX 52			112.7	18.5	85.4	9.0						
DEKALB XL75			112.3	18.8	81.3	7.4						
STULL'S SX2700			112.0	20.6	92.7	7.0						
COKER 16			111.5	20.7	85.9	12.2						
PIONEER BRAND 3535			113.7	18.4	89.1	19.3						
TROJAN TXS 113			110.9	20.1	89.6	12.8						
WILSTAR RV 80	102.5	107.2	110.2	22.3	82.8	15.4						
MIGRO M-7074			110.0	20.6	84.4	14.8						
A.C.C.O. UC 8801			109.9	19.6	80.2	32.8						
FUNK'S G-611			109.7	20.3	91.7	12.0						
STULL'S SX2666			109.5	19.6	85.4	15.3						
YELLOW PIONEER BRAND 3161												
GOLDEN HARVEST H2655												
GREEN'S LM-9045-A												
PREMIER 655												
ADLERS 87X												
HULTING X980		106.7										
MIGRO M-6666												
NORTHROP-KING PX91												
DEKALB XL728												
P-A-G SX 494												
SO-STATES S5715												
GUTWEIN 86												
SUPER CROST 7772												
GOLDEN HYBRIDS SX104												
T-E 6968												
TROJAN TXS 114												
SECURITY S5115												
MASON 7766												
GOLDEN HARVEST H2626												
T-E 6935												
SO-STATES S5698												
MASON 8869												
TROJAN TXS 117A												
NORTHROP-KING PX76												
MUNY CHIEF 3X898												
S S HYBRIDS JX-8800												
GOLDEN HARVEST H2750												
STEWART SX 71K												
MUNY CHIEF SX878												
PIONEER BRAND 3318												
YELLOW AVERAGE												
WHITE FUNK'S G4747W												
GOLDEN HARVEST H2660W												
PRINCETON SX 910												
ZIMMERMAN I52W												
P-A-G 644W												
ZIMMERMAN 711W												
PICNEER BRAND 511A												
STULL'S WSP2799												
MCNAIR X233												
DEKALB XL350A												
P-A-G SX 70W												
WHITE AVERAGE												
GRAND AVERAGE												

TABLE 5.—ANNUAL SUMMARY, NORMAL POPULATION, HENDERSON, KY.

HYBRID	3-YR YIELD BU/AC	2-YR YIELD BU/AC	YIELD BU/AC	1975 RESULTS			1975 RESULTS			TOTAL LOGGED
				AVG % MOIST	AVG % STAND	TOTAL LOGGED	AVG % MOIST	AVG % STAND	TOTAL LOGGED	
YELLOW										
GOLDEN HYBRIDS SX104			177.9	20.5	89.6	24.5				
PIONEER BRAND 3369A	169.1	163.3	174.2	18.9	84.9	6.1				9.6
NORTHRUP-KING PX75			168.4	17.1	90.6	7.5				8.7
ZIMMERMAN 224Y	161.6	156.1	168.1	17.9	86.5	9.7				8.0
PRINCETON SX 850	156.4	153.7	163.3	18.8	81.3	13.7				8.5
PIONEER BRAND 3368A			161.3	19.1	81.8	8.7				16.9
S S HYBRIDS JX-86	154.6	153.4	160.3	19.9	83.9	10.5				7.3
GUTWEIN 88A		155.9	159.7	20.6	84.9	16.4				7.1
MENAIR X170			158.5	19.2	88.0	2.3				3.7
MIGRO M-7074			157.8	20.6	89.5	9.5				3.7
MIGRO M-7072			156.3	19.5	85.9	12.3				4.1
A.C.C.O. UC 9451	159.8	155.5	155.4	19.6	82.3	16.7				9.0
FUNK'S G4507			154.9	18.3	81.8	12.2				13.6
WILSTAR RV 80			154.5	20.6	78.1	4.0				5.6
SUPER CROST 5440		142.9	153.8	17.8	83.9	7.4				8.9
SUPER CROST 7772	157.4	154.4	152.7	19.6	83.3	8.8				13.7
VORIS SEEDS V2532			152.2	17.0	72.4	8.2				2.5
STEWART SX 52			151.8	17.4	87.5	8.3				2.7
SECURITY S5120			151.2	21.1	84.9	4.9				2.4
STULL'S SX2700		153.7	151.1	18.7	84.9	4.9				8.7
HULTING X880			150.9	17.1	75.5	6.4				7.4
DENNIS 37			150.4	18.8	80.2	16.3				16.2
80-JAC X83	162.7	155.8	150.1	18.7	80.2	3.0				2.5
GOLDEN HARVEST H2666			150.0	19.2	83.3	10.6				6.8
FUNK'S G4628	159.3	154.4	149.9	20.2	84.4	10.7				23.0
T-E 6935			149.8	19.7	85.9	18.9				14.3
COKER 16		138.5	148.9	18.7	85.9	9.6				7.8
STULL'S SP2777			147.9	20.7	80.2	14.1				3.6
80-JAC X1A	151.3	144.6	147.1	16.4	71.9	9.0				19.1
PRINCETON SX 630		150.0	146.8	17.3	90.1	4.0				1.4
FUNK'S G4611			146.8	19.8	84.9	19.4				
GUTWEIN 86	147.8	145.5	146.7	18.5	80.7	5.5				
DEKALB XL75			146.5	17.1	78.1	3.4				
A.C.C.O. UC 8801		145.1	144.4	18.1	90.1	19.8				
VORIS SEEDS V2642			144.4	20.1	84.4	9.2				23.7
DEKALB XL80	156.4	147.6	144.0	19.9	82.3	8.9				21.5
DEKALB XL78		150.2	143.3	17.6	89.1	4.1				13.1
HULTING X980		140.7	142.8	19.9	81.3	7.4				19.0
SO STATES SS775	150.9	145.2	142.2	18.6	85.4	8.4				19.8
ASGROW RX 114			142.1	18.4	83.3	9.0				8.8
TROJAN TXS 113	150.7	142.3	141.8	17.2	83.3	3.3				35.1
NORTHRUP-KING PX91			141.6	19.0	80.7	14.4				18.9
MIGRO M-5045			141.5	16.4	83.9	11.0				42.7
FUNK'S G4810			141.1	21.2	76.6	3.9				15.4
T-E 6968		139.4	140.9	17.8	84.4	4.2				7.2
STULL'S SX2666		145.9	140.7	18.7	73.4	6.7				
PIONEER BRAND 3161		145.4	140.5	18.9	86.5	16.8				
GREEN'S LW-9045-A			140.4	18.1	82.8	2.5				
ADLERS 87X			139.0	20.2	84.9	20.5				
WHITE										
ZIMMERMAN Z11W		157.7	171.6	21.4	89.6					20.5
FUNK'S G4747W			169.9	21.5	82.3					
MENAIR X233		156.5	158.5	21.4	81.3					
ZIMMERMAN Z52W			155.5	21.4	79.7					
GOLDEN HARVEST H2660W			151.1	21.0	80.7					
PRINCETON SX 910			145.1	22.4	78.1					
PIONEER BRAND 511A		141.2	138.6	21.7	88.0					
STULL'S WSP2795			137.3	19.4	87.5					
P-A-G SX 70W		137.8	135.6	18.7	81.3					
DEKALB XL390A		143.5	130.0	21.4	80.2					
WHITE AVERAGE	145.0	146.0	147.1	20.9	81.2					
GRAND AVERAGE	152.6	143.7	141.5	18.8	80.8					



TABLE 6.—ANNUAL SUMMARY, NORMAL POPULATION, HARTFORD, KY.

HYBRID	3-YR YIELD BU/AC	2-YR YIELD BU/AC	1975 RESULTS				TCTAL LOGGED	1975 RESULTS AVG % MOIST	1975 RESULTS AVG % STAND	TCTAL LOGGED
			YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC				
YELLOW										
NORTHROP-KING PX79			170.0	16.8	85.9	1.2				
HULTING X880			169.8	19.4	85.9	4.8				
DENNIS 37			169.3	18.9	85.9	1.9				
80-JAC X83	147.6	149.3	169.1	20.0	84.9	3.7				
PIONEER BRAND 3369A	155.5	159.6	168.5	20.2	80.7	0.7				
VORIS SEEDS V2532			168.3	19.4	83.3	1.8				
GOLDEN HYBRIDS SX104			166.3	21.7	91.1	1.7				
PIONEER BRAND 3368A			165.9	20.5	82.8	1.8				
SUPER CROST 5440			165.6	19.9	85.4	1.9				
GUTWEIN 86	128.7	144.5	165.4	19.2	81.8	2.6				
80-JAC X1A	149.5	153.7	165.0	16.4	77.6	3.7				
MIGRO M-7072	149.2	143.5	162.4	19.9	85.4	2.7				
PREMIER 655			161.5	18.7	81.8	2.6				
DEKALB XL78	140.8	140.8	160.4	21.6	86.5	0.6				
HULTING X980	143.3	143.3	159.3	21.3	80.2	3.9				
A.C.O. UC 9451			159.3	21.2	83.9	3.1				
STULL'S SP2777			158.4	19.2	83.3	4.2				
S S HYBRIDS JX-86	143.2	147.7	157.1	20.1	99.6	1.2				
STULL'S SX2666	148.1	142.0	157.0	21.7	85.9	2.5				
P-A-G SX 98	139.4	142.2	156.7	20.2	78.1	0.7				
PRINCETON SX 850			156.4	20.4	78.1	6.4				
FUNK'S G4507			155.7	19.6	87.0	2.3				
MIGRO M-7074			154.9	22.3	74.5	0.7				
NORTHROP-KING PX74			154.1	18.5	80.2	4.6				
SEED KEM SKX-86			152.0	19.5	77.6	1.9				
GOLDEN HARVEST H2666			151.4	20.9	78.6	1.8				
NORTHROP-KING PX76			151.4	19.8	85.4	1.8				
ZIMMERMAN Z24Y	136.0	146.3	151.0	19.1	80.7	0.0				
T-E 6980			150.2	19.3	78.6	4.7				
SECURITY S5120			150.0	20.0	72.9	1.5				
DEKALB XL80			148.6	20.6	80.2	5.9				
SO-STATES S5750			148.0	19.9	86.5	1.2				
FUNK'S G4810			146.8	20.7	77.1	1.4				
T-E 6968			146.4	19.9	77.1	0.7				
DEKALB XL72B			146.1	19.4	72.4	2.9				
STEWART SX 52			146.1	17.1	78.6	8.1				
GUTWEIN 88A			145.9	19.9	72.9	2.8				
STEWART SX 71K			144.6	20.0	75.0	5.6				
WILSTAR RV 80			144.2	21.7	81.3	0.6				
ASGROW RX 114			143.9	19.6	80.7	3.2				
COKER 16			143.0	19.2	79.7	2.6				
A.C.O. UC 8801			143.0	19.2	78.6	8.4				
PIONEER BRAND 3161			137.5	19.8	81.3	1.2				
PRINCETON SX 630			140.9	19.0	80.7	5.1				
PIONEER BRAND 3535			140.0	16.1	79.7	0.7				
MCNAIR X170			139.8	19.3	84.9	1.9				
FUNK'S G4611			139.2	18.7	70.8	2.1				
MUNCY CHIEF 3X898	124.9	125.6	138.1	19.6	76.6	2.9				
STULL'S SX2700			137.9	20.2	83.9	1.8				
WHITE										
ZIMMERMAN Z11W			168.9	21.1	81.8	5.3				
ZIMMERMAN Z52W			165.7	21.0	84.4	0.0				
FUNK'S G4747W			161.1	22.1	84.9	1.9				
PRINCETON SX 910			156.6	21.5	78.6	2.0				
PIONEER BRAND 511A			146.6	22.4	85.4	8.5				
P-A-G 644W			141.6	20.5	79.2	5.2				
STULL'S WSP2799			122.2	14.6	79.2	1.9				
GOLDEN HARVEST H2660W			123.0	13.7	85.4	6.8				
DEKALB XL390A			120.1	21.3	76.0	2.2				
MCNAIR X233			126.5	21.1	65.1	6.1				
P-A-G SX 70W			116.3	12.8	79.7	2.9				
WHITE AVERAGE			117.2	115.0	71.9	2.6				
YELLOW AVERAGE			139.2	134.9	78.9	2.7				
GRAND AVERAGE			137.2	133.9	79.0	2.8				

TABLE 7.—ANNUAL SUMMARY, NORMAL POPULATION, NO-TILL, FRANKLIN, KY.

HYBRID	3-YR			2-YR			1975 RESULTS			1975 RESULTS				
	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	MOIST	AVG %	STAND	LOGGED	MOIST	AVG %	STAND	LOGGED
YELLOW														
PIONEER BRAND 3161	127.9	117.0	118.9	20.3	83.3	5.1								
S S HYBRIDS JX-86		120.2	117.3	19.8	76.0	9.1								
VORIS SEEDS V2642			116.4	19.5	80.7	1.9								
PREMIER 655			114.3	20.0	77.1	4.8								
STULL'S SP2777			114.3	21.7	78.1	11.5								
PIONEER BRAND 3369A	142.4	137.9	113.9	20.2	78.6	3.2								
P-A-G SX 98	125.9	113.9	113.5	21.5	73.4	2.1								
MIGRO M-7074			113.2	21.9	82.3	2.5								
ADLERS 87X			113.0	20.1	79.2	8.6								
MIGRO M-7072			110.3	20.9	75.0	5.1								
MASON 7766	135.3	125.0	109.7	18.3	78.1	4.0								
SECURITY SS120			109.0	19.7	63.5	0.6								
FUNK'S G4611			107.3	19.4	72.9	5.5								
T-E 6980			105.7	21.4	69.3	8.7								
HULTING X980			105.0	20.7	77.6	8.4								
SO. STATES SS750			104.3	20.4	66.7	10.2								
A.C.C.O. UC 9451			103.7	20.6	68.8	6.7								
GOLDEN HYBRIDS SX104			102.8	21.3	77.1	4.0								
A.C.C.O. UC 8801			102.5	21.2	83.3	8.2								
PIONEER BRAND 3318			100.7	20.6	77.6	1.3								
T-E 6935			100.4	21.0	70.3	10.6								
ASGROW RX 114			100.3	21.4	87.0	6.6								
SO. STATES SS715			100.2	19.4	82.3	4.4								
MUNCY CHIEF 3X898	115.7	109.6	100.1	22.4	70.3	7.6								
PRINCETON SX 850	131.3	120.1	99.9	19.6	79.7	4.4								
GUTWEIN 86	154.1	138.4	99.7	18.6	68.3	10.5								
GREEN'S LW-9045-A			99.6	20.1	76.6	4.7								
T-E 6968			99.4	19.7	67.2	2.9								
NORTHRUP-KING PX76			99.0	19.9	71.9	2.9								
BO-JAC X1A			98.8	19.1	78.6	2.6								
STULL'S SX2700	127.7	113.6	98.0	22.2	76.6	2.0								
GUTWEIN 88A			97.7	20.1	66.7	1.4								
ASGROW RX 100			97.5	21.1	75.0	2.7								
BO-JAC X83			97.5	21.1	76.0	4.2								
ZIMMERMAN Z24Y	132.2	120.5	97.5	20.0	79.7	3.9								
COKER 16	139.6	125.0	96.8	19.9	75.0	2.0								
MENAIR X170			96.6	19.9	80.7	1.8								
HULTING X880			96.0	21.6	78.1	4.1								
SD. STATES SS658			95.8	20.7	77.6	0.7								
DENNIS 37			95.4	21.1	72.4	7.7								
TROJAN TXS 113	116.0	111.5	95.4	20.3	75.5	2.1								
SEED KEM SKX-86			95.0	21.3	69.3	5.1								
MIGRO M-6566			95.0	20.1	78.1	4.6								
FUNK'S G4810			94.3	22.4	75.0	3.5								
VORIS SEEDS V2532			94.3	20.4	72.9	1.5								
S S HYBRIDS JX-8800			94.0	22.0	64.1	5.4								
SUPER CROST 5440	108.6		92.9	20.3	88.0	2.9								
DEKALB XL75			92.7	21.6	71.9	1.5								
FUNK'S G4507			91.8	20.1	84.9	3.1								
YELLOW AVERAGE	130.0	113.3	95.6	20.7	74.4	5.1								
WHITE														
GOLDEN HARVEST H266CW			112.2	21.9	79.2	9.8								
ZIMMERMAN Z11M	118.7	130.0	110.4	21.3	79.2	8.1								
PRINCETON SX 910			98.4	22.5	78.1	2.7								
P-A-G SX 70W	131.2	119.2	97.5	22.4	63.0	9.1								
MENAIR X233			97.0	23.6	72.4	0.6								
ZIMMERMAN Z52W			96.5	23.3	80.2	0.6								
DEKALB XL390A			92.2	21.1	66.7	6.0								
FUNK'S G4747W			91.5	22.4	75.5	3.6								
PICNEER BRAND 511A	120.7	106.9	86.3	24.3	77.1	4.5								
STULL'S WSP2799			85.7	22.2	76.6	4.5								
P-A-G 644W	96.3	83.3	83.4	21.5	71.9	7.4								
WHITE AVERAGE	116.7	113.6	95.5	22.4	74.5	5.7								
GRAND AVERAGE	127.2	113.4	95.6	20.9	74.4	5.2								



TABLE 8:--ANNUAL SUMMARY, NORMAL POPULATION, NO-TILL, ELIZABETH TOWN, KY.

HYBRID	3-YR			2-YR			1975 RESULTS			1975 RESULTS			1975 RESULTS			
	YIELD BU/AC	MOIST	STAND	YIELD BU/AC	MOIST	STAND	YIELD BU/AC	MOIST	STAND	YIELD BU/AC	MOIST	STAND	YIELD BU/AC	MOIST	STAND	TOTAL LOGGED
YELLOW																
VORIS SEEDS V2532	98.8	19.6	64.6	113.1	20.0	75.5	121.1	20.4	60.4	78.6	20.6	65.6	78.6	20.6	65.6	0.0
ADLERS 87X	96.1	21.5	74.0							78.3	21.5	65.6	78.3	21.5	65.6	0.0
MIGRO M-7074	94.8	22.6	69.3							77.4	20.0	56.3	77.4	20.0	56.3	1.9
FUNK'S G4628	94.8	21.6	51.0	118.0	19.1	71.4	113.1	19.1	71.4	77.2	19.5	57.8	77.2	19.5	57.8	0.8
S S HYBRIDS JX-86	93.4	19.1	71.4	126.6	22.0	69.3	135.5	22.0	69.3	77.0	19.9	73.4	77.0	19.9	73.4	0.9
BO-JAC X83	93.4	19.1	71.4							76.8	20.4	53.1	76.8	20.4	53.1	5.4
A.C.O. UC 9451	92.3	20.0	75.5							76.0	22.4	53.6	76.0	22.4	53.6	4.1
VORIS SEEDS V2642	91.3	21.0	59.4							75.9	20.4	60.4	75.9	20.4	60.4	0.0
SECURITY SS120	90.3	22.2	68.2							75.5	18.4	58.9	75.5	18.4	58.9	0.0
GUTWEIN 86	89.1	18.9	56.8							75.5	18.8	51.0	75.5	18.8	51.0	0.0
ZIMMERMAN Z24Y	88.3	19.1	63.5							73.3	22.3	45.8	73.3	22.3	45.8	0.0
BO-JAC X1A	87.1	18.4	76.6							73.1	19.9	63.5	73.1	19.9	63.5	0.8
NORTHROP-KING PX79	86.3	19.1	83.9							72.7	19.9	49.5	72.7	19.9	49.5	3.2
HULTING X980	86.3	22.2	68.8							72.0	20.6	50.5	72.0	20.6	50.5	1.8
T-E 6980	86.0	18.7	64.1							72.0	18.7	57.8	72.0	18.7	57.8	2.1
SO-STATES SS775	85.9	19.5	61.5							71.1	20.5	69.8	71.1	20.5	69.8	1.6
FUNK'S G4507	85.9	18.5	69.8							70.7	20.8	62.5	70.7	20.8	62.5	2.4
HULTING X880	85.9	19.7	66.1							70.7	19.3	43.8	70.7	19.3	43.8	0.0
MASON 8869	85.8	20.6	61.5							70.6	20.0	60.4	70.6	20.0	60.4	0.9
PREMIER 655	85.3	18.1	56.8							70.6	18.6	52.6	70.6	18.6	52.6	1.5
DENNIS 37	84.6	20.2	69.3							67.9	18.0	60.9	67.9	18.0	60.9	2.0
T-E 6968	84.5	19.8	53.6							67.6	20.6	45.4	67.6	20.6	45.4	4.2
FUNK'S G4611	84.5	19.6	60.4							67.6	17.6	52.1	67.6	17.6	52.1	1.0
DEKALB XL728	84.4	21.8	75.0							67.3	21.5	63.5	67.3	21.5	63.5	2.0
PIONEER BRAND 3535	83.7	20.4	68.8							66.5	19.3	76.0	66.5	19.3	76.0	0.0
STULL'S SX2700	83.6	19.5	57.3							66.3	18.3	73.4	66.3	18.3	73.4	2.5
GUTWEIN 88A	83.3	17.9	59.9							65.6	18.6	40.1	65.6	18.6	40.1	1.0
SO-STATES SS715	83.2	19.4	55.7							65.1	23.2	59.5	65.1	23.2	59.5	2.6
MIGRO M-6666	82.8	22.0	60.4							64.3	20.8	56.8	64.3	20.8	56.8	3.9
TROJAN TXS 115A	82.7	19.9	50.0							80.0	19.9	60.8	80.0	19.9	60.8	1.2
PRINCETON SX 850	82.4	21.1	54.7													
STEWART SX 52	82.4	17.2	51.6													
SO-STATES SS750	82.2	19.0	65.6													
T-E 6935	82.2	21.3	51.0													
DEKALB XL75	81.8	18.1	65.1													
MUNCY CHIEF SX878	81.5	18.3	62.5													
PRINCETON SX 630	81.0	19.0	56.8													
PIONEER BRAND 3318	81.0	19.8	54.7													
GOLDEN HARVEST H2655	80.9	20.2	63.0													
PIONEER BRAND 3161	80.9	17.8	69.3													
GREEN'S LW-9045-A	80.4	19.7	54.2													
WILSTAR RV 80	80.4	19.7	54.2													
DEKALB XL75	80.4	21.5	62.0													
MUNCY CHIEF SX878	79.7	20.9	59.9													
PRINCETON SX 630	79.5	18.8	62.5													
PIONEER BRAND 3318	79.4	19.0	57.8													
GOLDEN HARVEST H2655	79.3	18.7	59.9													
PIONEER BRAND 3161	79.0	19.3	56.3													
GREEN'S LW-9045-A	78.8	20.3	60.5													
WILSTAR RV 80	78.8	22.4	59.9													
WHITE																
ZIMMERMAN Z52W	85.5	23.0	59.9													
FUNK'S G4747W	83.9	24.1	60.4													
P-A-G SX 7CW	82.0	23.3	59.4													
PICNEER BRAND 511A	77.6	23.1	70.8													
PRINCETON SX 910	74.6	24.4	54.7													
MUNICIPAL X233	71.9	25.8	71.4													
P-A-G 644W	71.5	22.2	66.1													
DEKALB XL390A	71.0	21.9	52.6													
GOLDEN HARVEST H2660W	69.1	22.1	65.1													
STULL'S WSP2795	66.5	20.4	66.7													
ZIMMERMAN Z11W	66.3	24.5	55.7													
WHITE AVERAGE	74.5	23.2	62.1													
GRAND AVERAGE	79.4	20.3	61.0													

TABLE 9.—ANNUAL SUMMARY, NORMAL POPULATION, LEXINGTON, KY.

HYBRID	3-YR YIELD			2-YR YIELD			1975 RESULTS			1976 RESULTS		
	BU/AC	YIELD	AVG %	BU/AC	YIELD	AVG %	MOIST	STAND	LODGED	MOIST	STAND	LODGED
YELLOW												
NORTHUP-KING PX79		171.7	22.1	158.1	156.6	23.3	147.3	88.0	2.5	158.1	156.6	23.3
ADLERS 87X		170.2	23.1	154.3	154.5	24.5	146.9	85.4	3.0	154.3	154.5	24.5
A.C.C.O. UC 8801		170.0	20.6	162.6	146.2	22.8	146.2	92.2	0.6	162.6	146.2	22.8
A.C.C.O. UC 9451		169.1	24.0	159.1	146.0	23.1	146.0	95.9	2.4	159.1	146.0	23.1
GUTWEIN 88A		167.3	21.4	178.2	145.0	23.1	145.0	89.1	0.0	178.2	145.0	23.1
GOLDEN HYBRIDS SX104		167.3	21.4	158.0	144.2	23.0	144.2	82.3	5.4	158.0	144.2	23.0
ASGROW RX 100		167.3	22.8	158.0	144.2	22.7	144.2	96.4	10.4	158.0	144.2	22.7
MIGRO M-7072		165.1	22.1	156.8	143.5	22.5	143.5	95.8	0.5	156.8	143.5	22.5
DENNIS 37		163.3	21.9	154.6	142.7	22.5	142.7	88.5	0.7	154.6	142.7	22.5
VORIS SEEDS V2532		162.5	22.4	154.6	142.7	22.4	142.7	85.4	1.8	154.6	142.7	22.4
SUPER CROST 5440		162.4	21.7	154.6	140.5	20.6	140.5	77.6	2.0	154.6	140.5	20.6
MIGRO M-7074		161.8	21.9	159.7	139.0	22.2	139.0	93.2	1.1	159.7	139.0	22.2
SO. STATES SS775		160.5	22.2	151.4	138.7	21.0	138.7	86.5	0.0	151.4	138.7	21.0
80-JAC 883		159.6	23.5	161.5	138.5	21.9	138.5	93.2	0.6	161.5	138.5	21.9
S S HYBRIDS JX-86		159.1	23.1	141.9	137.8	22.5	137.8	89.5	1.1	141.9	137.8	22.5
HULTING X880		159.0	22.6	153.8	136.2	22.0	136.2	89.1	1.8	153.8	136.2	22.0
HULTING X980		158.9	25.2	153.8	135.9	28.3	135.9	81.8	1.3	153.8	135.9	28.3
STULL'S SP2777		158.7	24.8	150.3	135.7	21.7	135.7	93.2	1.1	150.3	135.7	21.7
ZIMMERMAN 224Y		158.7	20.7	141.1	135.4	21.1	135.4	91.1	0.0	141.1	135.4	21.1
TROJAN TXS 114		156.7	21.9	146.9	133.3	22.0	133.3	83.9	1.2	146.9	133.3	22.0
DEKALB XL80		156.6	24.2	155.0	132.6	25.6	132.6	79.7	2.1	155.0	132.6	25.6
P-A-G SX 98		155.6	24.8	155.0	132.6	25.6	132.6	79.7	1.9	155.0	132.6	25.6
PREMIER 655		155.1	21.3	155.0	131.7	22.4	131.7	94.3	2.8	155.0	131.7	22.4
T-E 6980		154.7	23.8	155.0	130.5	22.1	130.5	91.1	0.0	155.0	130.5	22.1
T-E 6935		154.3	22.9	149.6	127.6	22.6	127.6	90.1	1.2	149.6	127.6	22.6
80-JAC X1A		154.3	21.6	140.5	126.1	27.2	126.1	83.3	2.5	140.5	126.1	27.2
VORIS SEEDS V2642		153.9	24.1	140.5	123.9	21.6	123.9	92.7	4.4	140.5	123.9	21.6
FUNK'S G4507		153.5	21.5	141.7	122.8	24.3	122.8	78.1	0.0	141.7	122.8	24.3
MIGRO M-5045		153.5	20.4	157.8	122.8	24.3	122.8	93.2	0.6	157.8	122.8	24.3
COKER 16		152.7	21.1	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
STULL'S SX2700		151.8	21.2	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
PIONEER BRAND 3161		151.3	23.9	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
STEWART SX 52		151.2	21.5	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
WILSTAR RV 80		150.8	27.1	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
GREEN'S LM-9045-A		150.6	21.1	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
GUTWEIN 86		150.2	22.1	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
MCAIR XL70		149.8	21.9	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
DEKALB XL78		149.8	23.1	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
DEKALB XL72B		149.8	23.3	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
MASON 7766		149.4	21.5	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
SECURITY SS120		149.1	27.9	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
TROJAN TXS 117A		148.7	22.8	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
FUNK'S G4628		148.5	23.4	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
T-E 6968		148.4	22.8	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
GOLDEN HARVEST H2666		148.2	23.8	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
SEED KEM SKX-66		147.6	21.4	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
TROJAN TXS 115A		147.6	22.1	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
FUNK'S G4611		147.5	22.7	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
SEED KEM SKX-86		147.4	22.6	158.2	148.4	22.9	148.4	90.1	1.6	158.2	148.4	22.9
WHITE												
DEKALB XL390A		158.3	26.2	155.2	174.8	26.2	158.3	84.9	5.4	155.2	174.8	26.2
ZIMMERMAN 211W		154.3	27.8	155.2	174.8	26.2	154.3	96.9	3.3	155.2	174.8	26.2
ZIMMERMAN 252W		150.3	28.4	155.2	174.8	26.2	150.3	94.3	5.6	155.2	174.8	26.2
PRINCETON SX 910		145.7	28.0	155.2	174.8	26.2	145.7	88.5	2.4	155.2	174.8	26.2
MCAIR X233		145.4	28.4	155.2	174.8	26.2	145.4	92.7	5.0	155.2	174.8	26.2
P-A-G 644W		144.0	25.3	155.2	174.8	26.2	144.0	93.2	8.6	155.2	174.8	26.2
FUNK'S G4747W		144.0	28.7	155.2	174.8	26.2	144.0	91.7	2.2	155.2	174.8	26.2
P-A-G SX 70W		140.5	27.9	155.2	174.8	26.2	140.5	85.9	3.5	155.2	174.8	26.2
STULL'S WSP2799		139.0	25.0	155.2	174.8	26.2	139.0	95.3	4.9	155.2	174.8	26.2
GOLDEN HARVEST H2660W		138.4	27.8	155.2	174.8	26.2	138.4	84.4	3.7	155.2	174.8	26.2
PIONEER BRAND 511A		137.8	28.5	155.2	174.8	26.2	137.8	90.6	15.9	155.2	174.8	26.2
WHITE AVERAGE		149.7	160.9	149.7	160.9	27.4	145.3	90.8	5.5	149.7	160.9	27.4
GRAND AVERAGE		156.1	158.7	156.1	158.7	23.5	148.0	90.2	2.0	156.1	158.7	23.5



TABLE 10.—ANNUAL SUMMARY, NORMAL POPULATION, QUICKSAND, KY.

HYBRID	3-YR			2-YR			1972 RESULTS			1975 RESULTS				
	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	YIELD BU/AC	AVG % MOIST	STAND	TOTAL % LODGED	YIELD BU/AC	AVG % MOIST	STAND	TOTAL % LODGED
YELLOW														
HULLING X880														
MIGRO M-7072	160.6	155.0	161.7	19.5	96.9	1.1	19.5	96.9	1.1	1.1	118.6	21.6	94.8	5.5
DENNIS 37			161.2	19.2	96.4	3.2	19.2	96.4	3.2	3.2	117.3	21.2	92.7	1.7
NORTHROP-KING PX74		143.2	150.8	18.0	95.8	3.3	18.0	95.8	3.3	3.3	116.9	18.6	90.6	3.4
VORIS SEEDS V2642			150.1	19.9	90.1	4.1	19.9	90.1	4.1	4.1	116.8	21.5	89.6	6.5
STULL'S SX2666			144.8	19.7	89.6	2.4	19.7	89.6	2.4	2.4	116.3	20.1	80.2	0.0
SO. STATES SS775	157.6	153.8	149.5	20.5	93.8	1.1	20.5	93.8	1.1	1.1	115.3	20.9	91.1	0.0
BO-JAC X83	151.9	152.7	149.0	20.4	90.6	0.6	20.4	90.6	0.6	0.6	115.3	18.7	95.8	0.5
FUNK'S G4507			146.6	19.7	91.7	0.6	19.7	91.7	0.6	0.6	112.7	20.7	99.6	1.8
MIGRO M-7074			145.9	21.6	95.8	6.6	21.6	95.8	6.6	6.6	112.7	20.2	86.5	0.6
STULL'S SX2700	153.3	153.3	145.1	19.8	88.0	0.6	19.8	88.0	0.6	0.6	111.4	19.0	75.0	3.3
PIONEER BRAND 3369A	163.9	157.0	143.7	19.4	91.1	0.6	19.4	91.1	0.6	0.6	110.3	20.4	93.8	0.0
ADLERS 87X			143.3	22.3	93.8	0.6	22.3	93.8	0.6	0.6	109.7	17.9	88.0	0.0
BO-JAC X1A	146.2	144.9	142.9	18.9	93.8	3.2	18.9	93.8	3.2	3.2	108.5	19.5	89.5	3.8
ASGROW RX 114			142.2	20.5	96.4	0.6	20.5	96.4	0.6	0.6	106.7	19.9	81.8	1.2
VORIS SEEDS V2532			142.1	19.9	95.8	0.6	19.9	95.8	0.6	0.6	105.8	21.9	87.0	2.4
PIONEER BRAND V2532			141.4	19.8	96.5	0.6	19.8	96.5	0.6	0.6	105.6	19.9	91.7	0.0
PIONEER BRAND 3368A		143.3	140.0	20.0	90.1	1.1	20.0	90.1	1.1	1.1	105.6	18.9	80.7	0.0
PIONEER BRAND 3161			139.0	21.3	92.2	2.2	21.3	92.2	2.2	2.2	104.6	19.9	87.0	3.1
FUNK'S G4810			138.1	19.2	96.9	0.5	19.2	96.9	0.5	0.5	102.3	22.0	74.5	0.6
STEWART SX 52			137.5	21.0	95.3	0.6	21.0	95.3	0.6	0.6	101.9	19.2	94.8	2.2
GOLDEN HYBRIDS SX104			136.9	21.1	82.3	1.3	21.1	82.3	1.3	1.3	101.0	20.9	90.6	0.0
NORTHROP-KING PX51		152.7	134.6	19.5	75.0	1.4	19.5	75.0	1.4	1.4	99.6	22.5	79.7	5.7
DEKALB XL728		152.0	134.4	19.4	93.8	2.8	19.4	93.8	2.8	2.8	98.9	18.1	88.5	2.3
ZIMMERMAN 224Y	160.3		134.3	19.4	94.3	0.0	19.4	94.3	0.0	0.0	98.1	17.5	96.4	5.4
MIGNAR X170			131.8	20.6	87.5	0.6	20.6	87.5	0.6	0.6	98.1	20.1	91.1	0.6
HULLING X980		127.4	131.3	21.3	93.2	0.0	21.3	93.2	0.0	0.0	95.9	20.1	83.3	0.7
SECURITY SS115			131.1	19.9	84.9	0.0	19.9	84.9	0.0	0.0	93.2	19.2	74.5	1.1
MIGRO M-6666		158.0	130.5	21.0	90.1	1.6	21.0	90.1	1.6	1.6	91.1	21.4	84.9	2.5
SUPER CROST 5440			130.5	19.9	92.2	2.3	19.9	92.2	2.3	2.3	85.5	18.7	84.9	4.3
A.C.C.O. UC 9451			130.1	20.5	93.8	0.0	20.5	93.8	0.0	0.0	124.4	20.0	89.0	1.7
NORTHROP-KING PX79			129.7	24.1	84.4	1.8	24.1	84.4	1.8	1.8				
SECURITY SS120	137.3	137.3	128.5	20.4	90.6	2.3	20.4	90.6	2.3	2.3				
GUTWEIN 86			128.1	19.6	83.3	0.0	19.6	83.3	0.0	0.0	161.3	21.7	89.6	0.5
PIONEER BRAND 3318			127.2	20.0	92.7	1.7	20.0	92.7	1.7	1.7	156.9	22.8	92.7	3.9
MASON 7766		135.8	126.1	17.6	85.9	0.6	17.6	85.9	0.6	0.6	152.8	19.9	90.6	2.9
SEED KEM SKX-66		148.1	125.0	18.4	91.1	0.5	18.4	91.1	0.5	0.5	142.2	22.5	87.5	0.0
T-E 6568			124.2	20.6	87.5	3.4	20.6	87.5	3.4	3.4	140.5	20.6	92.7	13.6
T-E 6935			124.1	19.5	85.9	0.0	19.5	85.9	0.0	0.0	140.5	22.6	90.6	2.3
FUNK'S G4611		138.6	123.5	18.8	83.3	8.4	18.8	83.3	8.4	8.4	139.6	21.2	96.9	1.6
A.C.C.O. UC 8801		145.2	123.4	18.6	79.2	0.7	18.6	79.2	0.7	0.7	141.4	22.7	95.8	0.0
TROJAN TXS 115A			149.9	21.2	84.4	1.3	21.2	84.4	1.3	1.3	133.1	21.8	84.9	0.6
DEKALB XL78		125.5	122.4	19.2	84.9	3.0	19.2	84.9	3.0	3.0	123.3	22.2	85.9	0.6
PRINCETON SX 850		142.2	121.7	18.4	97.9	0.0	18.4	97.9	0.0	0.0	101.2	22.2	85.9	0.6
PRINCETON SX 630	137.8		121.6	21.9	86.5	1.7	21.9	86.5	1.7	1.7	98.8	20.3	72.9	1.4
WILSTAR RV 80			120.3	19.6	82.3	2.5	19.6	82.3	2.5	2.5				
MUNCY CHIEF SX878		118.3	120.0	19.6	84.9	0.0	19.6	84.9	0.0	0.0				
P-A-G SX 494			119.7	20.8	91.1	2.2	20.8	91.1	2.2	2.2	134.6	21.7	89.1	2.5
TROJAN TXS 114		142.4												
WHITE														
ZIMMERMAN Z52M			161.3	21.7	89.6	0.5	21.7	89.6	0.5	0.5				
FUNK'S G4747W			156.9	22.8	92.7	3.9	22.8	92.7	3.9	3.9				
P-A-G 644W		148.7	152.4	19.9	90.6	2.9	19.9	90.6	2.9	2.9				
PRINCETON SX 910			142.2	22.5	87.5	0.0	22.5	87.5	0.0	0.0				
STULL'S WSP2759			140.5	20.6	92.7	13.6	20.6	92.7	13.6	13.6				
GOLDEN HARVEST H256CM			141.4	22.6	90.6	2.3	22.6	90.6	2.3	2.3				
PIONEER BRAND 511A	149.0		133.1	21.2	96.9	1.6	21.2	96.9	1.6	1.6				
MCNAIR X233			131.0	22.7	95.8	0.0	22.7	95.8	0.0	0.0				
P-A-G SX 70W			127.1	21.8	84.9	0.6	21.8	84.9	0.6	0.6				
ZIMMERMAN Z11W			123.3	22.2	85.9	0.6	22.2	85.9	0.6	0.6				
DEKALB XL390A			138.7	20.3	72.9	1.4	20.3	72.9	1.4	1.4				
WHITE AVERAGE			144.5	19.2	89.1	2.5	19.2	89.1	2.5	2.5				
GRAND AVERAGE			144.2	19.6	89.0	1.8	19.6	89.0	1.8	1.8				

TABLE 11.—ANNUAL SUMMARY, NORMAL POPULATION, ALL NON-VIRUS LOCATIONS, 1975

HYBRID	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL LCCDGD	HYBRID	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL LCCDGD
YELLOW	136.6	19.7	81.4	4.6	YELLOW	115.9	19.4	83.1	7.7
PIONEER BRAND 3369A	136.4	19.9	83.7	5.9	GREEN'S LW-9045-A	115.7	18.5	79.6	7.0
MIGRO M-7072	136.1	19.0	84.2	5.5	SEED KEM SKX-86	115.1	17.7	79.6	3.9
ZIMMERMAN 224Y	135.7	19.1	82.0	5.3	PIONEER BRAND 3535	114.9	18.7	73.8	5.7
VIGRI SEEDS V2532	134.3	22.1	83.5	6.6	TROJAN TXS 115A	114.7	20.3	72.6	5.1
MIGRO M-7074	134.2	20.4	81.8	4.1	DEKALB XL728	114.4	20.6	76.4	10.8
BO-JAC X83	134.1	18.8	87.1	5.8	NORTHRUP-KING PX91	114.4	20.0	82.2	4.6
NORTHRUP-KING PX79	134.0	19.2	83.7	7.2	SEED KEM SKX-86	113.9	19.1	81.9	3.9
DENNIS 37	133.5	20.5	85.0	9.1	MIGRO M-6666	113.3	20.2	77.4	13.2
A-C-C-C UC 9451	133.1	19.4	82.4	6.4	T-E 6935	112.5	20.6	75.2	6.6
HULTING X880	131.6	20.5	85.1	7.6	SUPER CROST 7772	112.2	20.3	82.2	8.0
GOLDEN HYBRIDS SX104	129.5	19.9	84.6	7.3	ASGROW RX 100	111.8	20.1	81.4	5.6
S S HYBRIDS JX-86	128.9	20.5	75.1	5.0	NORTHRUP-KING PX76	111.2	19.1	78.8	5.5
PIONEER BRAND 3368A	128.7	19.0	85.4	6.6	TROJAN TXS 113	109.8	17.8	80.6	9.9
FUNK'S G4507	128.5	20.6	82.2	3.9	MIGRO M-5045	109.2	19.8	76.4	9.1
VORIS SEEDS V2642	128.1	20.8	84.9	7.1	TROJAN TXS 117A	109.1	19.7	71.4	12.7
ADLERS 87X	127.3	19.6	79.5	6.7	MUNCY CHIEF 3X898	108.1	18.9	77.6	5.8
PRINCETON SX 850	127.1	21.8	78.2	5.3	DEKALB XL70	106.9	20.6	77.4	4.4
SECURITY SS120	126.8	20.0	80.9	7.2	MASON 8869	106.8	19.9	76.4	5.4
PIONEER BRAND 3161	126.2	19.2	85.2	5.2	SECURITY SS115	106.8	19.0	80.1	12.5
SUPER CROST 5440	125.5	20.4	81.6	8.4	TROJAN TXS 114	105.9	17.9	82.9	8.8
STULL'S SP2777	125.5	21.0	77.7	6.1	SO-STATES SS715	105.5	19.2	72.7	3.5
GUTWEIN 88A	125.5	21.1	80.2	5.0	P-A-G SX 484	105.2	22.0	68.6	5.0
HULTING X980	125.2	20.9	85.2	6.0	S S HYBRIDS JX-8800	104.1	19.6	70.1	6.9
DEKALB XL78	124.3	18.2	82.2	11.0	STEWART SX 71K	103.5	20.0	74.6	3.5
BO-JAC X1A	124.1	20.9	77.0	4.7	GOLDEN HARVEST H2655	102.4	21.2	69.7	12.4
P-A-G SX 98	123.7	19.2	80.0	11.2	MUNCY CHIEF SX878	101.4	21.7	74.4	11.4
GUTWEIN 86	123.4	19.8	82.4	6.2	GOLDEN HARVEST H2750	100.2	18.8	78.1	7.9
SO-STATES SS775	123.1	19.4	83.5	3.7	SO-STATES SS698	98.2	18.7	81.7	13.1
MCNAIR X170	122.7	19.3	79.0	12.0	GOLDEN HARVEST H2626	94.1	19.7	77.7	2.5
STULL'S SX2700	122.1	18.8	81.1	11.0	PIONEER BRAND 3318				
A-C-C-O UC 8801	121.9	19.7	87.0	9.2	YELLOW AVERAGE	119.1	19.8	79.9	7.0
STEWART SX 52	121.7	20.1	81.4	5.6	WHITE	133.0	22.6	82.1	7.8
ASGROW RX 114	121.7	19.7	80.5	5.3	FUNK'S G4747W	131.6	22.4	82.3	8.6
GOLDEN HARVEST H2666	121.5	22.2	77.7	4.6	ZIMMERMAN 252M	127.1	22.6	78.7	7.4
COKER 16	120.9	20.7	78.6	6.2	PRINCETON SX 910	124.6	22.3	82.3	8.7
T-E 6980	120.4	19.0	81.4	8.7	ZIMMERMAN Z11W	121.9	22.0	79.4	8.2
WILSTAR RV 80	120.2	21.6	79.1	6.2	GOLDEN HARVEST H2660W	119.0	22.8	82.9	9.6
PREMIER 655	119.6	18.4	75.7	4.9	MCNAIR X233	116.9	22.6	85.5	16.6
FUNK'S G4810	119.6	20.2	82.2	4.8	PIONEER BRAND 511A	114.8	21.0	79.1	17.9
NORTHRUP-KING PX74	119.2	19.6	77.0	3.4	P-A-G SX 7CM	111.6	22.6	73.0	10.8
STULL'S SX2666	118.8	20.6	77.5	7.6	DEKALB XL390A	110.3	21.4	68.0	5.6
DEKALB XL75	118.7	19.1	85.8	4.3	STULL'S WSP2799	110.1	20.7	83.5	16.4
FUNK'S G4628	118.3	19.3	83.4	10.1	WHITE AVERAGE	120.1	22.1	79.7	10.7
PRINCETON SX 630	117.5	19.8	79.2	11.5	GRAND AVERAGE	119.2	20.1	79.9	7.5
SO-STATES SS750	117.1	19.1	81.3	7.5					
FUNK'S G4611	116.3	19.6	79.0	7.3					
MASON 7766	116.1	20.5	81.4	12.5					
T-E 6968									
DEKALB XL80									



TABLE 12.—TWO-YEAR SUMMARY, NORMAL POPULATION,  
ALL NON-VIRUS LOCATIONS, 1975

HYBRID	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LODGED
YELLOW				
ZIMMERMAN Z24Y	148.0	20.6	85.3	7.1
PIONEER BRAND 3369A	147.1	21.0	82.6	5.6
BO-JAC X83	144.0	21.4	83.6	4.2
MIGRO M-7072	141.2	21.6	84.7	5.4
GUTWEIN 88A	139.0	22.8	83.6	6.4
S S HYBRIDS JX-86	138.0	21.4	84.8	7.1
DEKALB XL78	137.9	22.4	86.4	6.6
SO.STATES SS775	136.5	21.2	83.6	4.5
PRINCETON SX 850	135.4	21.0	83.2	6.9
PIONEER BRAND 3161	135.2	21.7	81.7	6.7
GUTWEIN 86	134.7	20.8	82.9	8.1
BO-JAC X1A	134.2	20.9	81.4	7.0
SUPER CROST 5440	134.1	20.8	84.1	3.7
TROJAN TXS 114	133.8	21.2	84.6	8.4
T-E 6968	132.9	21.3	80.9	5.3
STULL'S SX2700	132.4	21.4	84.4	6.0
PRINCETON SX 630	132.4	21.2	86.3	4.0
DEKALB XL80	132.2	22.4	83.1	10.8
STULL'S SX2666	131.8	21.6	83.0	5.8
HULTING X980	131.5	22.4	82.2	5.7
TROJAN TXS 115A	131.1	20.3	80.0	4.6
NORTHROP-KING PX76	130.4	21.4	84.5	5.3
DEKALB XL72B	130.3	21.5	80.1	4.4
FUNK'S G4628	129.9	22.4	82.1	6.0
A.C.C.O. UC 8801	128.5	20.8	79.7	11.8
P-A-G SX 98	128.0	22.4	78.4	4.8
SUPER CROST 7772	127.7	21.6	79.6	6.9
COKER 16	127.7	21.1	82.7	5.1
NORTHROP-KING PX74	127.0	20.2	78.7	4.1
PIONEER BRAND 3535	126.6	19.0	82.0	3.8
TROJAN TXS 113	125.9	20.7	82.7	4.3
MASON 8869	124.5	22.2	82.2	6.7
STEWART SX 71K	123.5	20.9	77.3	6.4
GOLDEN HARVEST H2655	123.2	21.2	79.2	3.8
MUNCY CHIEF 3X898	122.6	20.9	75.7	12.1
SEED KEM SKX-66	121.2	20.0	79.5	5.1
MUNCY CHIEF SX878	121.1	22.6	76.0	12.3
SO.STATES SS715	116.8	19.7	84.1	7.9
GOLDEN HARVEST H2750	115.6	23.4	77.2	9.5
YELLOW AVERAGE	131.1	21.3	81.9	6.4
WHITE				
ZIMMERMAN Z11W	141.8	24.4	85.2	7.4
PRINCETON SX 910	141.5	24.3	82.9	7.0
MCNAIR X233	135.5	24.7	86.5	7.3
GOLDEN HARVEST H2660W	134.7	24.0	80.0	6.4
PIONEER BRAND 511A	129.8	24.5	84.7	15.6
P-A-G SX 70W	126.5	24.5	77.5	9.3
STULL'S WSP2799	124.5	22.6	84.1	13.3
P-A-G 644W	120.3	23.7	80.1	13.2
WHITE AVERAGE	131.8	24.1	82.6	9.9
GRAND AVERAGE	131.2	21.8	82.0	7.0

TABLE 13.—THREE-YEAR SUMMARY, NORMAL POPULATION,  
ALL NON-VIRUS LOCATIONS, 1973, 1974 AND 1975

HYBRID	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LGDGED
YELLOW				
ZIMMERMAN Z24Y	150.9	20.2	86.8	6.0
PIONEER BRAND 3369A	148.5	20.6	83.3	4.5
BO-JAC X83	146.6	20.9	85.1	4.6
MIGRO M-7C72	145.3	21.1	86.0	4.9
S S HYBRIDS JX-86	139.9	20.9	83.8	6.2
DEKALB XL80	138.5	22.3	84.4	8.5
PRINCETON SX 850	137.2	20.7	83.7	5.4
GUTWEIN 86	136.9	20.3	83.3	6.5
BO-JAC X1A	136.5	20.5	81.8	6.3
SO.STATES SS775	136.3	21.0	83.7	3.6
FUNK'S G4628	133.4	22.3	83.4	4.8
P-A-G SX 98	132.2	22.3	80.7	4.1
SUPER CROST 7772	132.1	21.2	82.5	5.8
TROJAN TXS 113	128.3	20.6	82.5	3.7
MUNCY CHIEF 3X898	124.6	21.0	76.8	9.5
YELLOW AVERAGE	137.8	21.1	83.2	5.6
WHITE				
ZIMMERMAN Z11W	137.3	24.6	77.8	5.6
PIONEER BRAND 511A	132.0	24.0	84.7	13.0
P-A-G SX 70W	128.6	24.1	80.2	9.0
P-A-G 644W	125.2	23.2	82.7	10.2
WHITE AVERAGE	130.8	24.0	81.3	9.4
GRAND AVERAGE	136.3	21.7	82.8	6.4



TABLE 14.—ANNUAL SUMMARY, HIGH POPULATION, PRINCETON, KY.

HYBRID	3-YR YIELD BU/AC	2-YR YIELD BU/AC	1975 RESULTS			
			YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LODGED
HULTING X880			132.8	17.5	87.9	23.1
BO-JAC X56			112.3	18.0	86.7	18.1
BO-JAC X7L	122.0	114.4	111.7	19.0	87.9	32.0
ASGROW RX 90			111.4	16.8	87.5	19.2
DEKALB XL72B		113.4	111.0	19.5	70.5	7.5
NORTHRUP-KING PX74	120.3	105.2	110.8	17.4	80.7	28.8
DEKALB XL78		118.7	106.3	19.3	83.3	29.1
ASGROW RX 100			105.4	19.3	79.9	44.4
TROJAN TXS 115A		110.5	105.1	16.6	72.7	9.9
ADLERS 87X			104.6	20.3	79.2	36.4
NORTHRUP-KING PX79		107.1	103.5	17.1	90.5	24.9
TROJAN TXS 114		113.0	103.3	17.6	78.4	28.4
STEWART SX 49			103.2	19.4	85.2	29.3
SUPER CROST 7772		105.6	101.4	20.4	81.1	27.4
DEKALB XL75			101.2	17.8	77.7	11.3
BO-JAC X62	114.8	105.7	100.7	20.3	89.0	25.8
HULTING X980		103.8	100.0	20.6	85.2	40.1
MCNAIR X17C		100.4	98.0	18.9	85.2	15.3
BO-JAC X52A			97.9	17.9	82.6	34.8
ADLERS EXP 62X			97.6	18.9	83.7	45.9
SUPER CROST S85		97.0	95.8	20.1	81.8	22.0
P-A-G SX 494			94.9	19.6	75.8	22.3
COKER 16		101.0	94.4	21.0	79.9	12.0
SEED KEM SKX-66		95.8	93.6	19.4	83.0	18.5
STEWART SX 52			93.0	18.4	83.7	28.2
WILSTAR RV 80			92.7	20.0	74.6	29.9
MCNAIR X194		98.2	92.6	19.4	69.7	35.9
PIONEER BRAND 3535	108.9	99.5	92.5	16.9	86.7	21.9
STEWART SX 71K		97.1	92.4	19.1	75.0	31.8
WILSTAR RV 70			92.1	19.8	86.0	21.9
GUTWEIN 64		98.1	91.2	17.8	82.2	13.2
NORTHRUP-KING PX76	105.7	96.0	89.9	19.1	80.7	9.4
MASON 7766			88.7	19.8	87.5	23.3
MUNCY CHIEF H764	97.2	88.6	83.8	18.2	82.6	40.1
SEED KEM SKX-86			82.7	20.1	82.6	13.0
TROJAN TXS 113	103.4	93.4	82.3	20.4	84.5	16.4
NORTHRUP-KING PX77		86.6	82.0	19.6	81.1	15.0
NORTHRUP-KING PX65			81.4	16.7	77.3	19.5
DEKALB XL64A			81.3	18.6	78.4	20.6
A.C.C.O. AR 20657			80.4	21.5	84.5	20.7
SO.STATES SS75C	97.3	85.4	80.2	19.3	79.5	28.5
NORTHRUP-KING PX677			78.8	18.5	76.9	24.6
MUNCY CHIEF SX662	98.4	92.6	78.7	20.1	79.9	31.2
A.C.C.O. AR 14289			76.9	23.1	84.8	17.1
A.C.C.C. AR 19792			73.6	20.4	82.6	14.5
A.C.C.O. UC 9451			67.3	20.0	86.0	21.7
A.C.C.C. UC 9351			66.5	20.9	80.7	28.2
HULTING X770	90.3	78.7	58.5	17.9	75.0	42.4
SUPER CROST 8282			55.0	19.6	67.0	19.7
GRAND AVERAGE	105.8	100.2	92.5	19.1	81.3	24.4

TABLE 15.—ANNUAL SUMMARY, HIGH POPULATION, LEXINGTON, KY.

HYBRID	3-YR YIELD BU/AC	2-YR YIELD BU/AC	1975 RESULTS			
			YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LODGED
COKER 16		171.5	171.2	21.4	92.0	2.5
DEKALB XL78		173.9	171.0	21.4	90.2	5.9
ASGROW RX 90			165.7	20.0	84.8	2.7
TROJAN TXS 114		179.8	164.2	23.0	89.4	0.4
WILSTAR RV 80			163.9	26.6	83.7	2.6
ASGROW RX 100			163.6	25.0	90.5	4.2
HULTING X980		159.9	163.4	24.4	84.8	1.8
PIONEER BRAND 3535	155.6	162.0	163.0	20.4	92.4	0.8
BO-JAC X7L	171.2	174.3	162.8	24.0	86.7	5.7
NORTHRUP-KING PX74	159.7	147.8	162.4	21.3	84.1	2.8
MASON 7766			160.8	22.4	93.2	6.2
BO-JAC X56			160.0	22.0	87.5	0.9
MCNAIR X194		161.5	159.7	22.7	88.6	3.4
DEKALB XL64A			157.3	22.6	87.1	1.6
NORTHRUP-KING PX79		162.2	157.0	21.4	90.5	4.2
A.C.C.C. UC 9451			156.9	23.6	92.4	13.1
DEKALB XL75			156.0	22.4	81.8	4.2
WILSTAR RV 70			155.0	22.6	91.3	3.4
ADLERS EXP 62X			154.9	22.0	88.6	2.1
DEKALB XL72B		152.2	154.8	24.0	76.1	4.5
HULTING X880			154.7	23.1	92.8	5.0
A.C.C.O. UC 9351			153.6	23.8	93.9	5.6
SO.STATES SS750	153.2	147.7	153.2	20.6	95.1	4.0
MCNAIR X170			162.6	22.5	92.0	4.1
SUPER CROST S85			161.4	23.8	87.5	3.4
TROJAN TXS 113	168.5	159.6	151.1	21.0	87.5	5.0
SEED KEM SKX-86			150.5	22.3	89.4	1.3
A.C.C.C. AR 19792			149.5	24.8	97.3	14.7
TROJAN TXS 115A		160.4	148.5	22.5	84.5	0.9
HULTING X770	158.6	149.9	148.2	20.1	84.8	6.8
ADLERS 87X			146.7	24.4	91.7	4.6
BO-JAC X52A			145.3	24.1	83.3	4.2
STEWART SX 52			145.2	22.5	90.9	3.2
NORTHRUP-KING PX76	171.5	171.0	143.5	22.0	91.7	3.3
BO-JAC X62	160.2	157.5	143.0	20.9	87.9	3.0
SEED KEM SKX-66		147.2	142.1	20.9	86.0	2.2
P-A-G SX 494			141.5	21.9	76.5	1.4
MUNCY CHIEF H764	134.9	142.4	141.2	21.6	87.1	9.5
NORTHRUP-KING PX65			141.0	19.7	88.3	6.9
STEWART SX 49			140.9	22.5	90.5	2.9
SUPER CROST 7772		149.0	140.7	23.1	84.8	5.4
SUPER CROST 8282			138.5	28.1	85.2	2.7
NORTHRUP-KING PX77		153.0	137.5	22.0	86.4	5.8
STEWART SX 71K		150.2	136.2	21.2	78.0	7.8
A.C.C.O. AR 20657			129.7	24.4	85.2	8.2
GUTWEIN 64		154.8	124.7	22.1	91.3	0.9
MUNCY CHIEF SX662	150.8	143.1	121.6	21.8	81.8	4.7
NORTHRUP-KING PX677			121.3	21.9	75.0	3.0
A.C.C.O. AR 14289			117.5	32.5	92.8	3.3
GRAND AVERAGE	158.4	158.2	149.7	22.8	87.7	4.2



TABLE 16.—ANNUAL SUMMARY, HIGH POPULATION,  
PRINCETON AND LEXINGTON, KY., 1975

HYBRID	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LODGED
HULTING X880	143.8	20.3	90.3	14.0
DEKALB XL78	138.7	20.4	86.7	17.5
ASGROW RX 90	138.5	18.4	86.2	10.9
BO-JAC X7L	137.2	21.5	87.3	18.9
NORTHRUP-KING PX74	136.6	19.3	82.4	15.8
BO-JAC X56	136.1	20.0	87.1	9.5
ASGROW RX 100	134.5	22.1	85.2	24.3
TROJAN TXS 114	133.8	20.3	83.9	14.4
DEKALB XL72B	132.9	21.7	73.3	6.0
CCKER 16	132.8	21.2	86.0	7.2
HULTING X980	131.7	22.5	85.0	20.9
NORTHRUP-KING PX79	130.2	19.2	90.5	14.6
DEKALB XL75	128.6	20.1	79.7	7.7
WILSTAR RV 80	128.3	23.3	79.2	16.3
PIONEER BRAND 3535	127.8	18.7	89.6	11.3
TROJAN TXS 115A	126.8	19.6	78.6	5.4
ADLERS EXP 62X	126.2	20.4	86.2	24.0
MCNAIR X194	126.1	21.1	79.2	19.6
ADLERS 87X	125.6	22.3	85.4	20.5
MCNAIR X170	125.5	20.7	88.6	9.7
MASON 7766	124.7	21.1	90.3	14.7
SUPER CROST S85	124.1	22.0	84.7	12.7
WILSTAR RV 70	123.5	21.2	88.6	12.7
STEWART SX 49	122.0	20.9	87.9	16.1
BO-JAC X62	121.9	20.6	88.4	14.4
BO-JAC X52A	121.6	21.0	83.0	19.5
SUPER CROST 7772	121.0	21.8	83.0	16.4
DEKALB XL64A	119.3	20.6	82.8	11.1
STEWART SX 52	119.1	20.4	87.3	15.7
P-A-G SX 494	118.2	20.7	76.1	11.9
SEED KEM SKX-66	117.8	20.1	84.5	10.4
NORTHRUP-KING PX76	116.7	20.5	86.2	6.4
TROJAN TXS 113	116.7	20.7	86.0	10.7
SO.STATES SS750	116.7	19.9	87.3	16.3
SEED KEM SKX-86	116.6	21.2	86.0	7.1
STEWART SX 71K	114.3	20.2	76.5	19.8
MUNCY CHIEF H764	112.5	19.9	84.8	24.8
A.C.C.C. UC 9451	112.1	21.8	89.2	17.4
A.C.C.O. AR 19792	111.5	22.6	90.0	14.6
NORTHRUP-KING PX65	111.2	18.2	82.8	13.2
A.C.C.O. UC 9351	110.0	22.4	87.3	16.9
NORTHRUP-KING PX77	109.8	20.8	83.7	10.4
GUTWEIN 64	107.9	19.9	86.7	7.0
A.C.C.O. AR 20657	105.1	22.9	84.8	14.5
HULTING X770	103.3	19.0	79.9	24.6
MUNCY CHIEF SX662	100.1	20.9	80.9	18.0
NORTHRUP-KING PX677	100.1	20.2	75.9	13.8
A.C.C.O. AR 14289	97.2	27.8	88.8	10.2
SUPER CROST 8282	96.8	23.8	76.1	11.2
GRAND AVERAGE	121.1	21.0	84.5	14.3

TABLE 17.—TWO-YEAR SUMMARY, HIGH POPULATION,  
PRINCETON AND LEXINGTON, KY., 1974 AND 1975

HYBRID	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LODGED
TROJAN TXS 114	146.4	22.6	85.9	13.5
DEKALB XL78	146.3	22.9	88.1	15.0
BO-JAC X7L	144.4	23.3	89.2	17.0
COKER 16	136.2	22.2	87.0	9.0
TROJAN TXS 115A	135.5	21.0	81.9	7.4
NORTHRUP-KING PX79	134.7	21.2	87.4	14.0
NORTHRUP-KING PX76	133.5	21.9	86.4	7.9
DEKALB XL72B	132.8	22.7	79.6	8.0
HULTING X980	131.9	23.7	84.3	20.1
BO-JAC X62	131.6	21.8	88.8	11.4
MCNAIR X170	131.5	21.4	88.5	10.0
PIONEER BRAND 3535	130.8	19.7	87.3	13.3
MCNAIR X194	129.9	22.0	81.3	15.2
SUPER CROST S85	129.2	23.2	86.7	11.8
SUPER CROST 7772	127.3	22.6	85.1	14.5
TROJAN TXS 113	126.5	21.6	87.0	10.2
NORTHRUP-KING PX74	126.5	21.3	82.4	12.7
GUTWEIN 64	126.5	21.8	86.6	11.0
STEWART SX 71K	123.7	21.4	82.4	16.9
SEED KEM SKX-66	121.5	21.0	83.0	9.9
NORTHRUP-KING PX77	119.8	21.5	84.1	9.4
MUNCY CHIEF SX662	117.9	22.0	84.0	17.5
SO.STATES SS750	116.5	21.6	89.6	15.7
MUNCY CHIEF H764	115.5	21.3	86.1	22.9
HULTING X770	114.3	20.4	83.3	24.2
GRAND AVERAGE	129.2	21.8	85.4	13.5

TABLE 18.—THREE-YEAR SUMMARY, HIGH POPULATION,  
PRINCETON AND LEXINGTON, KY., 1973, 1974 AND 1975

HYBRID	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LODGED
BO-JAC X7L	146.6	22.5	88.4	16.5
NORTHRUP-KING PX74	140.0	20.3	83.2	10.8
NORTHRUP-KING PX76	138.6	20.5	85.9	11.3
BO-JAC X62	137.5	20.3	88.1	14.4
TROJAN TXS 113	136.0	20.5	86.2	12.2
PIONEER BRAND 3535	132.3	18.8	86.7	13.2
SO.STATES SS750	125.3	20.7	89.6	17.7
MUNCY CHIEF SX662	124.6	21.0	84.1	16.2
HULTING X770	124.4	19.0	83.4	23.9
MUNCY CHIEF H764	116.1	20.7	80.4	24.6
GRAND AVERAGE	132.1	20.4	85.6	16.1



TABLE 19.—CORN VIRUS TEST, NORMAL POPULATION, RUSSELLVILLE, KY., 1974

HYBRID	VIRUS RATING	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LODGED
YELLOW					
PIONEER BRAND 3147	1.0	140.2	26.7	71.9	0.0
P-A-G SX 17A	1.0	128.0	23.5	87.0	4.1
FUNK'S EXP 26550	1.0	77.9	24.6	90.1	2.3
MASON 9997	1.0	101.1	26.8	82.8	5.0
MIGRC M-600	1.0	124.2	22.8	81.3	6.3
TROJAN X 2722	1.3	103.1	26.8	80.2	7.2
VORIS SEEDS V2632	1.3	106.8	22.9	83.9	3.0
PIONEER BRAND 3145	1.3	118.0	26.6	90.6	2.8
PIONEER BRAND 3179	1.7	112.7	24.3	82.8	5.7
FUNK'S G4762	1.7	98.5	28.0	75.5	1.7
FUNK'S EXP 25601	1.7	105.7	20.9	89.6	1.2
HULTING EXP 73649	1.7	86.6	23.4	87.0	9.2
NORTHRUP-KING PX91	1.7	131.6	24.1	89.6	1.8
NORTHRUP-KING PX737	1.7	112.5	26.8	91.1	2.9
TROJAN X 142	1.7	96.1	23.4	92.7	2.2
KENTUCKY 105	2.0	96.6	25.2	92.2	4.5
STULL'S SP2825	2.0	103.9	26.4	84.4	12.3
COCKER 56	2.0	80.9	29.8	72.9	10.8
HOLDENS 1028	2.0	107.8	28.7	86.5	3.2
DEKALB XL72B	2.0	108.2	24.7	81.3	4.6
GOLDEN HARVEST H2831	2.0	92.2	27.7	85.4	8.3
FUNK'S G4810	2.0	105.2	26.5	90.6	1.8
T-E VR-20-Y	2.3	71.4	23.6	83.3	6.9
MCNAIR S338	2.3	115.3	25.5	90.6	3.9
TROJAN X 3524	2.3	97.2	24.8	90.6	1.1
SO. STATES SS866	2.7	68.4	24.4	75.5	13.7
ASGROW RX 115	2.7	103.2	23.5	89.6	2.9
HULTING X770	2.7	82.8	21.4	66.1	10.2
MCNAIR X300	2.7	122.4	26.4	84.4	1.2
GOLDEN HARVEST H2626	2.7	103.7	24.0	86.5	3.4
SUPER CROST 70DR	2.7	85.3	19.9	89.6	4.8
HULTING X8775	3.0	79.6	20.9	84.9	6.4
BO-JAC X7L	3.0	105.3	23.1	85.4	5.0
PRINCETON MD 885	3.0	88.1	23.7	81.3	8.8
GOLDEN HARVEST H2750	3.3	99.6	26.8	84.9	6.7
HOLDENS 1026	3.3	112.2	30.9	84.9	1.3
BO-JAC X83	3.7	98.6	23.1	84.9	9.2
ZIMMERMAN Z24Y	3.7	100.9	22.9	94.3	3.4
MCNAIR 73002	3.7	104.6	26.5	92.2	12.3
PRINCETON 865	3.7	102.8	24.1	90.6	14.4
HOLDENS 1048	4.3	93.2	22.7	80.2	8.0
BO-JAC 8371	4.7	90.1	22.4	87.5	19.0
STULL'S SX2700	6.0	78.2	23.8	80.2	11.2
YELLOW AVERAGE	2.4	101.1	24.8	85.0	5.9
WHITE					
PRINCETON SX 910	1.0	112.2	26.5	94.3	1.7
ZIMMERMAN Z11W	1.3	98.1	27.5	92.7	2.3
ZIMMERMAN Z52W	1.3	118.0	26.7	86.5	4.2
ASGROW RX 125W	2.0	96.1	26.7	82.8	7.6
KENTUCKY 5921W	2.7	93.0	24.3	78.1	5.6
ASGROW RX 123W	3.3	74.5	27.9	72.9	4.4
WHITE AVERAGE	1.9	98.7	26.6	84.5	4.3
GRAND AVERAGE	2.3	100.8	25.0	85.0	5.7

TABLE 20.—TWO-YEAR SUMMARY, CORN VIRUS TEST,  
NORMAL POPULATION, 1973 AND 1974

HYBRID	VIRUS RATING	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LODGED
YELLOW					
BO-JAC 8371	3.1	74.0	21.3	87.5	11.3
SO.STATES SS866	2.8	52.6	22.6	73.2	14.7
T-E VR-20-Y	2.8	54.3	23.0	83.1	4.0
BO-JAC X83	2.8	86.8	20.9	86.5	7.5
ASGROW RX 115	2.7	74.3	22.1	88.3	3.6
ZIMMERMAN Z24Y	2.7	85.0	21.7	89.8	2.3
HULTING X770	2.5	70.8	19.1	74.5	15.1
STULL'S SP2825	2.5	74.5	25.6	79.9	6.1
KENTUCKY 105	2.3	65.7	24.0	86.7	3.0
HULTING X8775	2.3	62.1	19.1	84.6	5.0
COKER 56	2.3	65.7	26.6	75.0	8.5
TROJAN X 3524	2.3	81.2	22.1	88.0	4.8
BO-JAC X7L	2.3	78.2	22.6	88.5	4.5
MCNAIR X300	2.2	96.5	24.1	87.8	1.4
PIONEER BRAND 3179	1.8	86.7	22.9	79.9	3.9
FUNK'S G4762	1.8	86.2	25.1	83.6	4.6
TROJAN X 2722	1.8	81.9	26.1	82.6	6.5
HOLDENS 1028	1.7	82.8	23.6	84.4	5.4
PIONEER BRAND 3147	1.3	97.1	25.5	77.9	2.3
P-A-G SX 17A	1.3	87.1	22.3	87.0	2.1
VORIS SEEDS V2632	1.3	86.9	20.0	88.5	2.9
YELLOW AVERAGE	2.2	77.6	22.9	83.7	5.7
WHITE					
KENTUCKY 5921W	3.1	58.4	24.1	79.9	3.5
ZIMMERMAN Z11W	1.7	69.9	26.4	74.2	1.2
WHITE AVERAGE	2.4	64.2	25.2	77.1	2.3
GRAND AVERAGE	2.2	76.5	23.1	83.1	5.4



TABLE 21.—THREE-YEAR SUMMARY, CORN VIRUS TEST,  
NORMAL POPULATION, 1972, 1973 AND 1974

HYBRID	VIRUS RATING	YIELD BU/AC	AVG % MOIST	AVG % STAND	TOTAL % LODGED
<b>YELLOW</b>					
KENTUCKY 105	3.9	54.9	22.9	79.0	20.0
MCNAIR X300	3.6	85.2	23.6	83.9	26.0
SO.STATES SS866	3.1	65.0	22.2	73.8	18.8
T-E VR-20-Y	2.9	66.7	22.4	78.6	7.6
STULL'S SP2825	2.8	83.3	24.2	83.9	18.5
PIONEER BRAND 3147	1.8	94.1	24.2	71.7	4.1
PIONEER BRAND 3179	1.7	97.8	22.6	82.8	15.8
P-A-G SX 17A	1.3	98.0	22.0	86.1	10.0
<b>YELLOW AVERAGE</b>	<b>2.6</b>	<b>80.6</b>	<b>23.0</b>	<b>80.0</b>	<b>15.1</b>
<b>WHITE</b>					
KENTUCKY 5921W	4.4	55.3	22.9	80.7	14.6
<b>WHITE AVERAGE</b>	<b>4.4</b>	<b>55.3</b>	<b>22.9</b>	<b>80.7</b>	<b>14.6</b>
<b>GRAND AVERAGE</b>	<b>2.8</b>	<b>77.8</b>	<b>23.0</b>	<b>80.1</b>	<b>15.0</b>

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