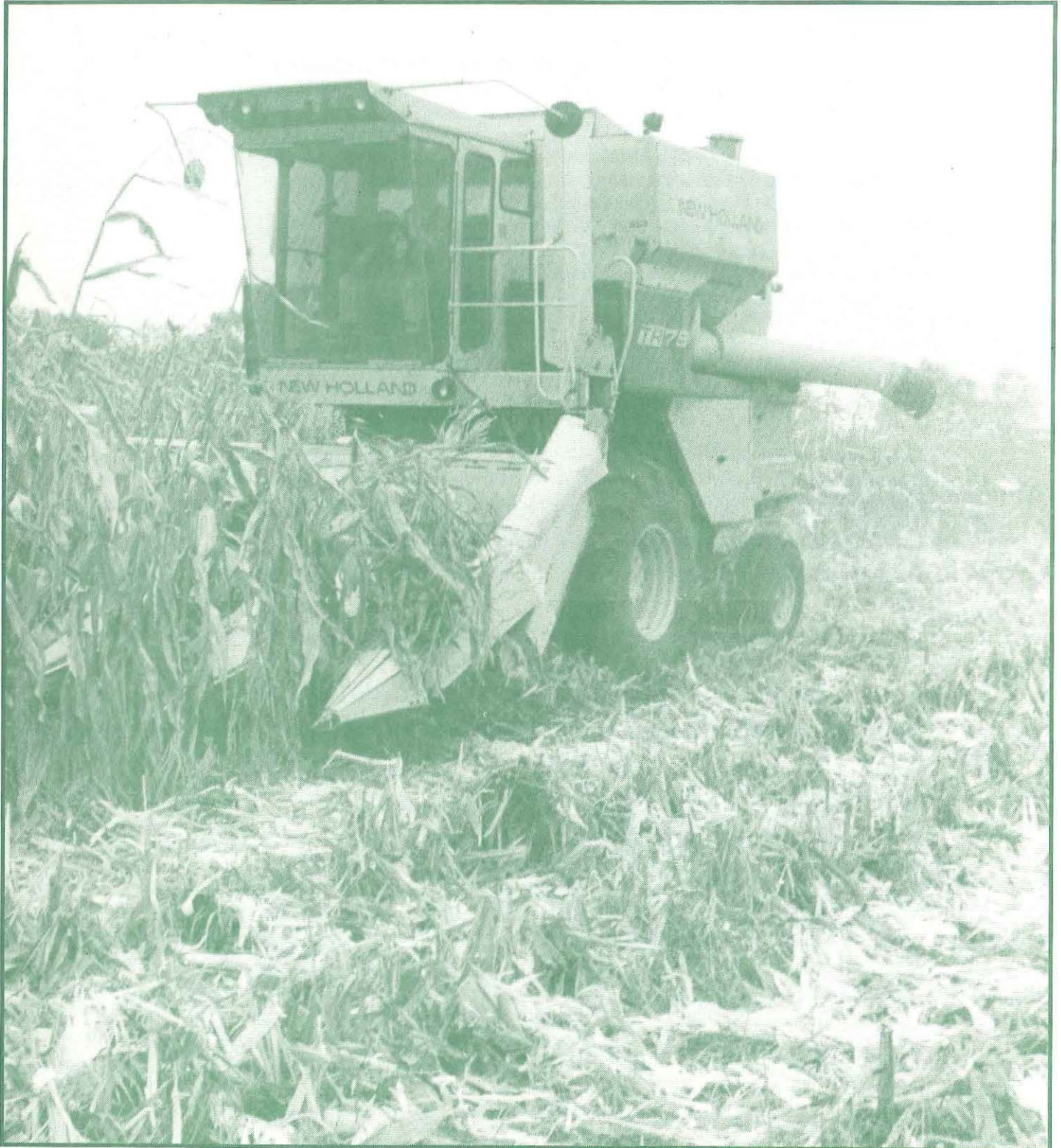


# Kentucky Hybrid Corn Performance Test-1989

PROGRESS REPORT 322

C.G. Poneleit and  
K.O. Evans



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# 1989 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 1989 data are presented for the tests at each location harvested. Two- and three-year averages for yield are included in each of the single location tables. Readers are encouraged to consider these multiple year averages and the averages over locations (Tables 10, 11, and 12) since these are better estimates of a hybrid's yield ability than data gathered at one location in one year.

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

## TESTING PROCEDURE

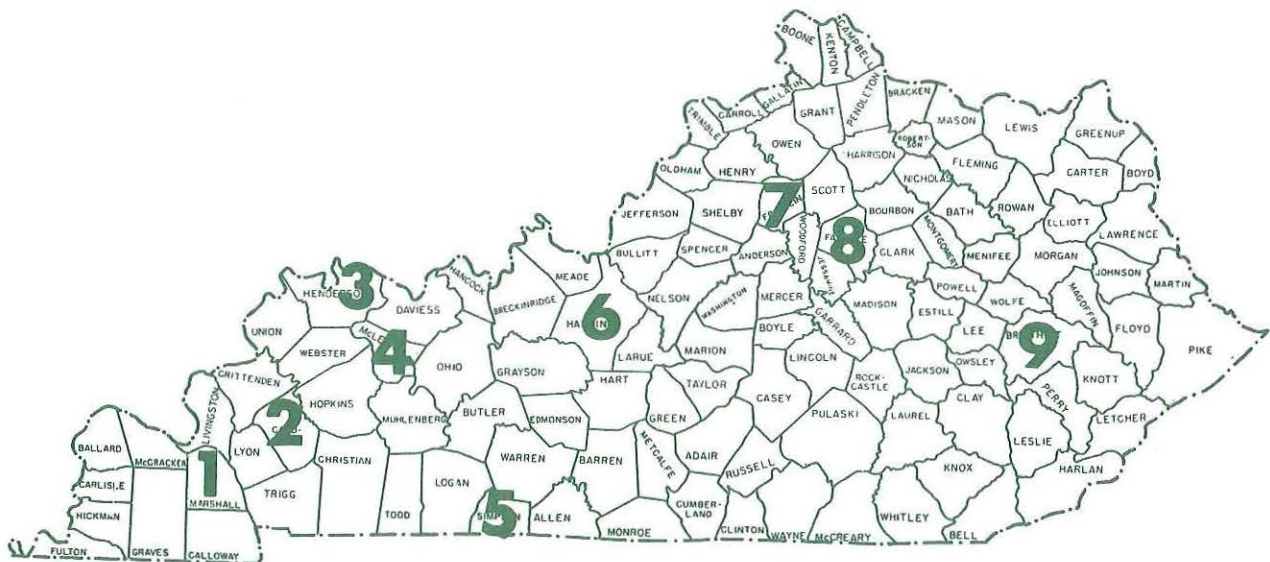
### Selection of Hybrids

The hybrids chosen for testing are those most likely to be available for sale in 1990. Seed of each commercial hybrid (Table 2) was obtained from the sponsoring company. An incorrect seedlot of Pioneer Brand 3165 was received and used in the 1989 test. Consequently, these data were not included.

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



ii Locations of the 1989 Hybrid Corn Performance Test

Frankfort 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 Elizabethtown and Benton were prepared by conventional tillage methods. Fertilizer was applied as indicated by soil tests. The test at Elizabethtown was planted in a soybean and triticale crop residue and at Benton in a wheat and soybean 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, Counter 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 two- and three-year means are averages of six and nine replications, respectively. An 11 x 12 lattice design was used at each non-virus location, and an 8 x 8 lattice design was used at the virus locations.

Small differences in yield are usually of little importance. The yield of two varieties at a single location may differ because of chance factors (difference in soil characteristics, fertility, or availability of moisture) even though the inherent yielding ability is the same. To decide if an observed yield difference is real, use the LSD (least significant difference) quoted at the bottom of the tables. If the difference in yield is greater than the LSD value, you may be reasonably certain that the entries actually do differ in yielding ability. "N.S." in the tables indicates that no statistically significant differences were determined. The LSD is calculated for an  $\alpha$  level of 0.10.

### **Planting**

All plots were planted with a two-row, no-till planter modified for small plot work. The planter

boxes were replaced by special planting cones which allowed planting of a specified number of kernels per plot. Each plot consisted of two rows 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 Elizabethtown 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 corn at 15.5% moisture. Dropped ears were not gleaned from the plots. The total number of plants and lodged plants were recorded immediately prior to harvest.

### **Corn Virus**

Two corn virus diseases occur in Kentucky: maize dwarf mosaic virus (MDM) and maize chlorotic dwarf virus (MCD). Both overwinter in johnsongrass and are usually present as a virus complex. Two locations (Frankfort and Henderson) were planted with 64 hybrids to evaluate resistance to the virus complex. Although johnsongrass was present at both virus locations and virus symptoms appeared in the johnsongrass, virus symptoms were not apparent on the corn hybrids and no virus ratings were taken.

## **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 Seeds, 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 (see Table 10) were 18.0% for FR27 X LH38, 19.4% for FR27 X Mo17, and 21.2% 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**

### **BENTON (Marshall County)**

The Benton test was planted on May 3. The test was checked for seedling emergence on May 11 and on June 19. Plant populations were good. The test received adequate to surplus rainfall. Weed control was good with only late season weeds appearing in the alleyways. Plants in some plots appeared yellow, probably as a result of the loss of nitrogen by leaching from excessive rainfall. There were no disease problems. Lodging of plants in the test was caused primarily by the Southwestern corn borer.

### **PRINCETON (KAES, Research and Education Center)**

The Princeton test was planted on May 1. The seedbed was in excellent condition; however, seedling emergence was poor and average stand was estimated to be only 40.0 to 45.0%. Excessive precipitation prevented timely replanting of the test. Weed control was good with only a few plants of johnsongrass in the alleyways. There were no apparent disease problems; however, there was some damage from the European and Southwestern corn borers. This test was not harvested because of the low plant population.

### **FRANKLIN (Simpson County)**

The Franklin test was planted on April 24. Seedlings were emerging on May 11. Populations of some plots were poor. These lowered populations appeared to be related to the placement of anhydrous ammonia fertilizer that was applied immediately prior to planting. Weed control was good, except for johnsongrass which was heavy in some plots and the alleyways. There appeared to be no disease problems. The European and Southwestern corn borers caused some lodging in the test.

### **CALHOUN (McLean County)**

The Calhoun test was planted on May 15. Weed control was good. When the test was checked on June 19 the corn plants were approximately 18 inches high. Alleyways were sprayed with Roundup on July 18 to control foxtail and fall panicum. The test appeared to have no disease or insect problems.

### **ELIZABETHTOWN (Hardin County)**

The Elizabethtown test was planted on April 25. The test was planted no-till in triticale and soybean crop residue. The test was checked on May 12 and plant populations appeared to be good. Weed control was good for most weeds and grasses but there were a few isolated areas of johnsongrass and vines. The alleyways were sprayed on July 13 with Roundup for johnsongrass control. There appeared to be no disease problems. There was some clipping of silks by Japanese beetles.

### **LEXINGTON (KAES, Spindletop Research Farm)**

The Lexington test was planted on April 26. Seedling emergence was good and weed control was excellent. There appeared to be no disease problems. There was some clipping of silks by Japanese beetles and June beetles but the clipping did not appear to cause any pollination problems.

### **QUICKSAND (KAES, Robinson Substation)**

The Quicksand test was planted on May 18. Weed control was excellent. Late season cockleburrs present in alleyways were removed manually. Disease and insect problems were minimal although late season gray leaf spot infection was present and may have affected the performance of susceptible hybrids.

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

The Henderson test was planted on May 30. Weed control, except for johnsongrass, was good. The test was cultivated on July 6 with a two-row tractor powered rotary tiller. The alleyways were sprayed on July 18 with Roundup for johnsongrass control. Johnsongrass around the plot area had virus symptoms but no symptoms were found on corn plants in the test. Virus disease ratings were not taken. There were no other disease or insect problems.

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

The Frankfort test was planted on May 25. Weed problems were minimal. A hard rain shortly after planting caused poor seedling emergence. Con-

tinued excessive precipitation prevented timely replanting. The test was cultivated once to control both seedling and rhizome johnsongrass. Johnsongrass in the alleyways and around the plot area had virus symptoms but there were no apparent symptoms on the corn plants. Virus disease ratings were not taken. The Frankfort test was not harvested because of very low plant populations.

### **NOTE**

All Western Kentucky locations were observed for potential problems on May 11 and 12 and again on June 18 and 19. Eastern Kentucky locations were checked on several occasions during the growing season.

TABLE 1.—PRECIPITATION AT TEST LOCATIONS, 1989

Month	Days	Location								
		Benton	Princeton	Simpson	Calhoun	Henderson	Elizabethtown	Lexington	Quicksand	Frankfort
April	1-8	--	1.90	--	--	1.40	--	1.94	1.62	--
	9-16	--	0.21	--	--	0.13	--	0.25	0.51	--
	17-24	--	0.04	--	--	0.24	--	0.61	--	--
	25-30	--	<u>0.24</u>	*	--	<u>0.03</u>	*	<u>0.41*</u>	<u>0.88</u>	--
	Total	0.00	2.39	0.00	0.00	1.80	0.00	3.21	3.01	--
May	1-8	1.00*	0.81*	--	--	0.37	0.60	0.85	1.62	--
	9-16	0.61	0.97	--	*	1.33	1.00	3.02	1.65	--
	17-24	0.98	0.45	--	0.37	0.60	1.91	1.53	1.77*	--
	25-31	<u>2.90</u>	<u>0.46</u>	--	--	<u>0.82*</u>	<u>1.20</u>	<u>0.59</u>	<u>1.13</u>	<u>0.40*</u>
	Total	5.49	2.79	5.20	0.37	3.12	4.71	5.99	6.17	0.40
June	1-8	0.30	2.07	--	0.36	1.03	1.43	1.78	0.94	--
	9-16	3.23	3.66	--	--	1.49	2.44	2.54	3.32	--
	17-24	1.40	2.63	--	1.45	0.31	0.44	1.14	1.23	--
	25-30	<u>3.00</u>	<u>1.69</u>	--	<u>1.02</u>	<u>1.74</u>	<u>0.17</u>	<u>0.23</u>	<u>2.11</u>	--
	Total	7.93	10.05	8.20	2.83	4.57	4.48	5.69	7.60	3.30
July	1-8	4.60	4.30	--	3.11	2.98	1.73	1.20	0.98	--
	9-16	1.40	--	--	0.50	0.01	1.63	0.30	--	--
	17-24	--	0.11	--	0.35	0.58	1.90	2.20	1.90	--
	25-31	--	<u>0.22</u>	--	--	<u>0.11</u>	<u>0.06</u>	<u>0.16</u>	<u>1.20</u>	--
	Total	6.00	4.63	10.20	3.96	3.68	5.32	3.86	4.08	2.40
August	1-8	0.65	1.79	--	0.75	0.85	1.37	1.22	1.40	--
	9-16	0.60	--	--	0.92	0.22	--	1.18	--	--
	17-24	0.30	0.74	--	--	0.78	1.38	1.44	2.07	--
	25-31	<u>1.05</u>	<u>1.91</u>	--	<u>1.10</u>	<u>0.89</u>	<u>0.23</u>	<u>0.06</u>	--	--
	Total	2.60	4.44	2.70	2.77	2.74	2.97	3.90	3.47	2.90
Sept.	1-8	1.00	0.28	--	0.30	1.45	0.65	0.42	0.68	--
	9-16	--	0.86	--	1.85	1.85	0.70	1.60	4.04	--
	17-24	--	0.26	**	1.00	0.11	0.27	1.84	1.58	--
	25-30	<u>1.50</u>	<u>0.57</u>	--	**	<u>0.29</u>	<u>0.15</u>	<u>0.26</u>	<u>0.77</u>	--
	Total	2.50	1.97	--	3.15	3.70	1.77	4.12	7.07	5.10
Grand Total		24.52	26.27	26.30	13.08	19.61	19.25	26.77	31.40	14.10

\* Planted    \*\* Harvested in September; all others harvested in October and November.

**TABLE 2.—HYBRIDS TESTED IN 1989**

	Hybrid	Test*	Color	Cross**	Source
Adler's	88X	A	Yellow	2X	Adler's Seeds, Inc. Route 1 Sharpesville, IN 46068
	6130	A	Yellow	2x	
AgraTech	GK750	A	Yellow	2X	AgraTech Seed Research P.O. Box 644 Atlanta, GA 31714
	GK900	AB	Yellow	2X	
	888	AB	Yellow	2X	
	825	A	Yellow	2X	
	Ex8910	B	Yellow	2X	
AgriGold	A-6655	A	Yellow	2X	Akin Seed Company Route 1 St. Francesville, IN 62460
	A-6720	A	Yellow	2X	
	A-6795W	A	White	2X	
	A-6796W	AB	White	2X	
AgriPro	ST-7750	AB	Yellow	2X	NAPB 5201 Johnson Drive P.O. Box 2955 Mission, KS 66201
Asgrow/O's Gold	RX947	AB	Yellow	2X	Asgrow/O's Gold Seed Company 7000 Portage Road Kalamazoo, MI 49001
	RX911	AB	Yellow	2X	
	RX908	A	Yellow	2X	
	RX956W	A	White	2X	
	3344	B	Yellow	2X	
	XP9519	B	Yellow	2X	
Beck's	85MDM	B	Yellow	2X	Beck's Superior Hybrids Route 2, Box 142 Atlanta, IN 46031
	83X	A	Yellow	2X	
	72X	A	Yellow	2X	
	64XA	A	Yellow	2X	
Bo-Jac	675	A	Yellow	2X	Bo-Jac Hybrid Corn Company R. R. #2 Mount Pulaski, IL 62548
	9110	A	Yellow	2X	
	905	AB	Yellow	2X	
Cargill	8027	A	Yellow	2X	Cargill Seeds P.O. Box 9480 Minneapolis, MN 55440
	9427	A	Yellow	2X	
	8527	AB	Yellow	2X	
Caverndale Farms	CF6065	A	Yellow	2X	Caverndale Farms Route 2 Danville, Ky. 40422
	CF900	B	Yellow	2X	
	CF925	A	Yellow	2X	
	CF950	A	Yellow	2X	



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

	Hybrid	Test*	Color	Cross**	Source
Colbert	313	A	Yellow	2X	Colbert Farms R. R. #2 Washington, IN 47501
	326	A	Yellow	2X	
	345	A	Yellow	2X	
Crow's	669	A	Yellow	2X	Crow's Hybrid Corn Company Route 2, Box 166 St. Joseph, IL 61873
	688	A	Yellow	2X	
	670	A	Yellow	2X	
	675	B	Yellow	2X	
	697	A	Yellow	2X	
D & H Seeds	DH9116	A	Yellow	2X	D & H Seeds & Services P.O. Box 623 Robinson, IL 62454
	DH7150	B	Yellow	2X	
	DH7183	A	Yellow	2X	
	DH9120C	A	Yellow	2X	
	DH9225	B	Yellow	2X	
DeKalb- Pfizer	DK689	AB	Yellow	2X	DeKalb-Pfizer Genetics Sycamore Road DeKalb, IL 60115
	DK711	A	Yellow	2X	
	DK677	A	Yellow	2X	
	DK789	B	Yellow	2X	
	DK649	AB	Yellow	2X	
Funk's	G-4513	A	Yellow	2X	CIBA-GEIGY Seed Division P.O. Box 18300 Greensboro, NC 27419
	G-4868	B	Yellow	3X	
	G-4666	AB	Yellow	2X	
	8018X	B	Yellow	2X	
	EX6096	B	Yellow	2X	
Garst	8180	B	Yellow	2X	Garst Seed Company Rt 3, Box 93 Bowling Green, MO 63334
	8344	A	Yellow	2X	
	8315	A	Yellow	2X	
	8116	B	Yellow	2X	
	N8350	A	Yellow	2X	
	8211W	A	White	2X	
Golden Acres	6996	A	Yellow	2X	Golden Acres Seed Company 8888 Parsons Rd. N.W. P.O. Box 226 Croton, Ohio 43013
	6997	A	Yellow	2X	
	6998	B	Yellow	2X	
	GA8559	A	Yellow	2X	
	GA35788	B	Yellow	2X	
	GA35795	B	Yellow	2X	
Glick Seed	GH75X	A	Yellow	2X(Mod)	Glick Seed Service 16801 E-100N Hartsville, IN 47224
	GH82X	A	Yellow	2X	
	GH80X	A	Yellow	2X	

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

	Hybrid	Test*	Color	Cross**	Source
Hubner Seed	H3717	B	Yellow	2X	Hubner Seed Co., Inc. Route 1, Box 92 West Lebanon, IN 47991
Hyperformer	HS60	B	Yellow	2X	Hyperformer Seed Company 5100 Popular, Suite 3200 Memphis, TN 38137
	HS82	A	Yellow	2X	
	HS97	AB	Yellow	2X	
	HS88	A	Yellow	2X	
	HS889	B	Yellow	2X	
Jacobi	6602	A	Yellow	2X	Jacobi Hybrids R.R. #1 McCordsville, IN 46055
	6720	A	Yellow	2X	
	8850	A	Yellow	2X	
	8950	B	Yellow	2X	
	9250	B	Yellow	2X	
	CX92	B	Yellow	2X	
	8901	A	Yellow	2X	
	EX8975	B	Yellow	2X	
	EX9251	B	Yellow	2X(Mod)	
Jacques	8210	A	Yellow	2X	Jacques Seed Company 720 St. Croix St. Prescott, WI 54021
	8250	B	Yellow	2X	
	8400	A	Yellow	2X	
	7820	A	Yellow	2X	
	8280	B	Yellow	2X	
	9220	B	Yellow	2X	
	6770	A	Yellow	2X	
Jader	115	A	Yellow	2X	Ridgeway Seed Company Box 212 Ridgeway, IL 62979
	119	A	Yellow	2X	
	316	A	Yellow	2X	
Lynks	2810	A	Yellow	2X	Lynks Seeds P.O. Box 637 Marshalltown, IN 50158
	DS642	A	Yellow	2X	
	2875	A	Yellow	2X	
	LX4521	B	Yellow	2X	
McCurdy	7477	A	Yellow	2X	McCurdy Seed Company P.O. Box 66 Fremont, IA 52561
	7700	AB	Yellow	2X	
	7777	AB	Yellow	2X	
Noble Bear	NBX796W	A	White	2x	Noble Bear Hybrids P.O. Box 529 Gibson City, IL 60936
Pfister	4444	A	Yellow	2X	Pfister Hybrid Corn Company P.O. Box 187 El Paso, IL 61738
	4470	A	Yellow	2X	

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

	Hybrid	Test*	Color	Cross**	Source
Pioneer Brand	3320	A	Yellow	2X(Mod)	Pioneer Hi-Bred Int'l. 221 North Main Street Tipton, IN 46072
	3295	A	Yellow	2X	
	3343	A	Yellow	2X	
	3144W	A	White	2X	
	3147	B	Yellow	2X(Mod)	
	3187	B	Yellow	2X(Mod)	
	3140	A	Yellow	2X	
	3283W	A	White	2X	
	3378	A	Yellow	2X	
Prairie Stream	SX702	A	Yellow	2X	Prairie Stream Farms Route 3, Box 56 Frankfort, IN 46041
	SX726	A	Yellow	2X	
Scott Seed	LR5272	A	Yellow	2X	Scott Seed Company, Inc. P.O. Box 849 New Albany, IN 47150
	LR5260	A	Yellow	2X	
	LR5241	A	Yellow	2X	
So. Cross	411	A	Yellow	2X	Miles Farm Supply, Inc. 2760 Keller Rd. Owensboro, KY 42301
	511	A	Yellow	2X	
	611	A	Yellow	2X	
So. States	SS810	A	Yellow	2X	Southern States Coop., Inc. P.O. Box 26234 Richmond, VA 23260
	SS728	A	Yellow	2X	
	SS847	A	Yellow	2X	
	SS907	A	Yellow	2X	
	SS814V	B	Yellow	2X	
	SS917W	AB	White	2X	
	SS844V	AB	Yellow	2X	
	EX19418V	B	Yellow	2X	
	EX17411V	B	Yellow	2X	
Spec. Grains	SGI 1300	A	Yellow	2X	Specialty Grains Inc. 3001 Gill Street Bloomington, IL 61704
Stewart Hybrids	S-6973	A	Yellow	2X	Stewart's Hybrids, Inc. Route 1, Box 8 Princeville, IL 61559
	8815	A	Yellow	2X	
	8915	A	Yellow	2X	
	9013	A	Yellow	2X	
Super Croft	7195	B	Yellow	2X	Edward J. Funk & Sons, Inc. Box 67 Kentland, IN 47951
	W700	A	White	2X	
	5460	A	Yellow	2X	
	5995	B	Yellow	3X	
	7121	A	Yellow	2X	
(SunBelt)	1860	AB	Yellow	2X	

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

	Hybrid	Test*	Color	Cross**	Source
Terra Seed	TR 363E	A	Yellow	2X	Terra Seed & Genetics 950 S. Broadway Lima, OH 45804
	TR 401E	B	Yellow	2X	
	TR 364E	A	Yellow	2X	
	TR 366E	A	Yellow	2X	
The New N-K	PX9581	A	Yellow	2X	Northrup-King & Company 1500 Jackson St., NE Minneapolis, MN 55413
	N8727	A	Yellow	2X	
	S8505	A	Yellow	2X	
	S8645	AB	Yellow	2X	
	8696	B	Yellow	2x(Mod)	
	N8110W	A	White	2X	
ORO Hybrids	ORO 150	A	Yellow	2X	R.C. Young Seed Company 624-27th Street Lubbock, TX 79404
	ORO 180	A	Yellow	2X	
	ORO 188	B	Yellow	2X	
	ORO 190	A	Yellow	2X	
	ORO 151	B	Yellow	2X	
Zimmerman	Z14W	A	White	2X	Zimmerman Hybrids, Inc. 5147 W. Franklin Rd. Evansville, IN 47712
	Z20	A	Yellow	2X	
	Z27	A	Yellow	2X	
	Z33	B	Yellow	2X	
	Z35	B	Yellow	2X	
	Z16W	A	White	2X	
	Z17W	B	White	2X	
	Z54W	A	White	3X	
	Z36	A	Yellow	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 1989 TEST LOCATIONS**

	<u>Location and Cooperator</u>	<u>Soil Type</u>	<u>Fertilizer</u>		<u>Herbicide</u>	<u>Insecticide</u>	<u>Planting Dates</u>	<u>Harvest Dates</u>	<u>Comments</u>
			<u>Lb/Ac</u>						
1)	Benton, KY Eric Howell Route 1	Grenada Silt Loam	N -200 P <sub>2</sub> O <sub>5</sub> -82 K <sub>2</sub> O -80	Bicep, Princep & Gramoxone	Counter	May 3	Oct. 10	No-till Soybean and Wheat Residue	
2)	Princeton, KY Western Kentucky Research & Ed. Center	Huntington & Lindsie Silt Loam	N - 150 P <sub>2</sub> O <sub>5</sub> - 0 K <sub>2</sub> O 100	Eradicane Extra	Counter	May 1	Not Harvested	Poor stands	
3)	Henderson, KY Stan Williams Rt. 1, Reed, KY	Huntington Fine Sandy Loam	N - 140 P <sub>2</sub> O <sub>5</sub> - 0 K <sub>2</sub> O - 0	Sutan Plus & Aatrex	Dyfonate	May 30	Oct. 26	Cultivated July 6	
4)	Calhoun, KY Craig Nall Nall Farms Inc.	Weinbach Silt Loam	N - 225 P <sub>2</sub> O <sub>5</sub> - 0 K <sub>2</sub> O - 0	Bicep & Aatrex	Counter	May 15	Sept. 26 & 27		
5)	Franklin, KY Jack and Gary Summers	Baxter- Pembroke Silt Loam	N - 160 P <sub>2</sub> O <sub>5</sub> -80 K <sub>2</sub> O - 80	Bicep	Counter	April 24	Sept. 21 & 22	Heavy Johnsongrass	
6)	Elizabethtown, KY Steve Wooden Wooden Lane	Crider Silt Loam	N - 156 P <sub>2</sub> O <sub>5</sub> - 50 K <sub>2</sub> O - 50	Aatrex, Lasso and 2,4-D	Counter	April 25	Oct. 11 & 12	No-Till Soybean and Triticale Residue	
7)	Frankfort, KY Wilbert and Roger Perkins	Huntington Silt Loam	N - 125 P <sub>2</sub> O <sub>5</sub> - 50 K <sub>2</sub> O - 93	Eradicane Extra & Aatrex	Dyfonate	May 25	Not Harvested	Poor Stands	
8)	Lexington, KY K.A.E.S. Spindletop Farm	Lanton Silt Loam	N - 150 P <sub>2</sub> O <sub>5</sub> - 0 K <sub>2</sub> O -100	Sutan Plus & Aatrex	Counter	Apri 26	Oct. 3 & Oct. 4		
9)	Quicksand, KY Robinson Forest Station	Philo Silt Loam	N - 380 P <sub>2</sub> O <sub>5</sub> 218 K <sub>2</sub> O -218	Eradicane Extra, Lasso, & Aatrex	Counter	May 18	Nov. 13		

**TABLE 4.—ANNUAL SUMMARY, BENTON**

BRAND/HYBRID	YIELD BU/AC 87-89	YIELD BU/AC 88-89	YIELD BU/AC 1989	AVG % MOIST 1989	AVG % STAND 1989	TOTAL % LODGED 1989
<b>YELLOW HYBRIDS</b>						
ADLERS 6130			150.0	17.4	81.9	2.3
PIONEER BRAND 3140		131.9	149.9	17.8	86.1	6.4
ZIMMERMAN Z27	148.6	142.3	149.8	16.9	81.5	3.5
PIONEER BRAND 3378			149.1	16.0	81.0	3.4
GLICK SEED GH80X		133.7	148.7	17.7	90.7	4.1
ZIMMERMAN Z20			148.1	16.0	81.5	0.5
FR27 X MO17	137.2	131.1	147.5	17.6	81.5	1.1
JACOBI 8850	148.9	139.9	146.7	17.4	78.2	2.9
JACQUES 8400		134.9	145.7	19.9	80.1	1.1
CAVERNDALE FM. CF925			145.5	16.9	77.8	1.7
THE NEW N-K N8727			145.1	19.0	86.1	1.7
TERRA SEEDS TR366E			145.0	18.6	86.6	2.7
CARGILL 8027		136.1	144.8	16.6	88.0	1.6
JACOBI 8901			143.7	16.6	82.9	1.7
GARST SEED 8344	130.4	123.4	143.4	18.1	83.3	2.8
LYNKS 2875			142.8	17.5	80.6	2.2
FR27 X PA91	148.4	130.1	142.5	19.5	75.0	2.7
GARST SEED 8315		136.6	142.1	17.2	82.4	1.7
DEKALB-PFIZER DK649		139.6	141.7	16.1	82.4	1.1
PIONEER BRAND 3343		129.3	141.1	15.4	74.5	2.0
SUPER CROST 5460	137.2	129.8	140.8	16.4	79.2	3.5
SCOTT SEED LR5241			140.3	17.9	80.6	0.6
TERRA SEEDS TR364E		138.8	139.8	18.4	81.9	1.1
ZIMMERMAN Z36			139.7	18.4	80.6	2.3
THE NEW N-K S8645			139.4	17.3	83.8	0.5
BO-JAC 9110			138.9	17.1	79.6	2.4
COLBERT 313		124.2	138.7	17.4	91.7	3.5
AGRATECH GK900	140.9	128.8	138.1	19.1	73.1	3.6
GARST SEED N8350			137.5	17.5	88.9	1.2
DEKALB-PFIZER DK689	148.0	127.7	137.4	16.3	80.6	2.3
GOLDEN AC. T-E 6996	147.2	135.0	137.3	20.4	75.0	1.8
COLBERT 326	142.7	135.0	137.1	17.3	83.3	3.5
BECK'S 83X		136.0	137.0	17.8	81.5	1.6
ORO HYBRIDS ORO180		126.3	136.5	16.9	85.6	2.7
CARGILL 9427	144.4	139.2	135.4	18.6	83.8	3.9
JACQUES 6770			134.6	14.1	75.5	0.0
ORO HYBRIDS ORO150		129.3	133.9	18.2	80.1	2.8
CARGILL 8527			133.8	18.3	88.9	1.5
HCCURDY 7777		139.6	133.6	17.9	74.5	4.9
ORO HYBRIDS ORO190			133.5	18.1	83.3	0.5
HYPERFORMER HS88			133.5	19.1	76.4	4.8
AGRATECH 825		127.6	132.9	18.5	87.0	1.0
STEWART HYBRIDS S-6973	135.5	120.7	132.8	16.1	84.7	4.6
HCCURDY 7700		134.7	132.5	17.5	78.7	1.7
STEWART HYBRIDS S-8815		122.6	132.4	17.6	86.6	0.5
AGRIGOLD A-6720			132.2	16.6	87.5	0.5
SO. STATES SS728	130.3	119.1	131.9	17.9	87.5	2.5
ASGROW/O'S GOLD RX911			131.8	17.6	81.9	4.7
D&H SEEDS DH7183	136.0	127.8	131.2	17.8	83.3	3.2
JACQUES 8210	129.5	115.9	131.2	18.5	82.9	3.4
AGRIPRO ST-7750	139.4	128.7	130.7	17.0	86.6	0.6
THE NEW N-K S8505			129.3	16.3	88.0	2.1
AGRATECH 888			129.1	17.3	82.9	4.5
AGRATECH GK750	130.4	117.8	129.0	16.4	87.5	4.7
DEKALB-PFIZER DK711	137.3	133.1	128.6	19.3	85.2	3.5
CROW'S 669			128.6	17.2	72.7	0.0
PRAIRIE STREAM SX702	140.9	125.4	128.0	16.4	83.8	1.2
SO. CROSS 611			128.0	16.7	82.9	1.7
SO. STATES SS810	134.2	130.2	127.9	16.3	83.8	0.6
LYNKS DS642	137.9	122.7	127.7	17.1	77.8	2.8
HYPERFORMER HS97	139.1	126.5	127.6	17.9	84.7	1.7
CAVERNDALE FM. CF950			127.5	18.3	79.2	2.9
CAVERNDALE FM. CF6065		130.5	127.5	19.2	66.2	2.8
FUNK'S G-4513			127.0	17.2	86.1	3.9
SO. STATES SS847			126.9	16.8	77.3	0.5
SCOTT SEED LR5260			126.7	18.4	76.9	1.2
BO-JAC 905		129.7	126.2	17.7	75.9	3.0

**TABLE 4.—BENTON (continued)**

BRAND/HYBRID	YIELD BU/AC 87-89	YIELD BU/AC 88-89	YIELD BU/AC 1989	AVG % MOIST 1989	AVG % STAND 1989	TOTAL % LODGED 1989
<b>YELLOW HYBRIDS</b>						
BECK'S 72X		120.3	125.1	17.8	90.3	3.7
GLICK SEED GH82X			125.0	19.0	86.6	5.5
THE NEW N-K PX9581	136.8	125.4	124.9	18.5	81.0	4.2
JADER 119			124.9	17.7	79.6	2.3
ASGROW/O'S GOLD RX947			124.8	19.8	69.4	1.7
GOLDEN AC. T-E 6998	140.0	126.7	124.4	19.3	77.3	2.4
JACQUES 7820			123.8	16.9	80.1	2.9
ADLERS 88X	145.4	133.0	123.7	19.1	80.6	4.0
LYNKS 2810			123.4	17.3	88.4	3.2
ASGROW/O'S GOLD RX908		132.0	123.3	17.1	78.7	0.0
MCCURDY 7477			123.1	18.5	81.9	1.2
CROW'S 670			121.4	17.7	84.7	2.2
SO. CROSS 411		117.5	121.3	17.1	75.0	1.3
TERRA SEEDS TR363E			121.0	17.5	78.2	2.3
DEKALB-PFIZER DK677			121.0	18.5	82.9	0.0
GLICK SEED GH75X			120.8	17.9	76.4	2.4
FUNK'S G-4666	137.1	123.8	120.4	18.7	86.6	0.5
PRAIRIE STREAM SX726			120.0	18.4	74.5	3.5
SUPER CROST 7121			118.6	17.0	65.7	0.7
AGRIGOLD A-6655	131.3	114.2	118.5	17.1	80.6	1.2
BO-JAC 675			118.2	17.1	82.9	0.5
SO. STATES SS907			118.0	18.7	79.2	0.5
D&H SEEDS DH9120C			117.7	19.0	79.2	3.0
CROW'S 688	130.3	116.7	116.2	18.1	62.0	2.4
JADER 316			115.8	16.3	70.4	1.8
PIONEER BRAND 3320	140.3	125.8	115.8	18.2	76.4	3.5
PIONEER BRAND 3295	135.9	117.9	114.8	17.5	81.5	1.7
GOLDEN ACRES GA8559			114.7	18.0	78.2	1.7
HYPERFORMER HS82			114.6	18.5	70.4	5.3
SO. CROSS 511	132.2	115.2	114.4	18.0	77.3	1.2
SO. STATES SS844V			114.4	17.3	69.9	2.3
D&H SEEDS DH9116		102.0	112.6	19.2	80.6	1.6
PFISTER HYBRIDS 4470	132.2	116.8	110.0	18.5	69.9	4.0
BECK'S 64XA	127.2	112.9	109.8	15.7	78.7	3.0
SCOTT SEED LR5272			109.2	19.3	79.2	3.5
JADER 315			106.8	17.1	75.5	1.7
SUNBELT 1860			106.4	22.5	81.0	0.7
JACOBI 6602			106.0	16.8	52.8	2.5
CROW'S 697			105.0	15.8	71.8	1.2
COLBERT 345	144.9	117.3	104.7	19.3	71.3	5.1
JACOBI 6720		112.8	103.9	18.0	65.3	2.2
STEWART HYBRIDS 8915			96.1	18.6	56.9	1.5
STEWART HYBRIDS 9013			95.8	16.5	71.3	0.6
FR27 X LH38	108.7	92.9	86.6	15.7	63.9	2.9
<b>YELLOW AVERAGE</b>	<b>137.3</b>	<b>126.5</b>	<b>128.2</b>	<b>17.7</b>	<b>79.6</b>	<b>2.3</b>
<b>WHITE HYBRIDS</b>						
SPEC. GRAINS SGI 1300			163.7	18.0	78.2	0.6
ZIMMERMAN Z14W	153.3	141.1	138.7	19.0	83.3	4.4
SO. STATES SS917W		128.6	137.2	20.0	84.7	0.5
GARST SEED 8211W			134.6	16.4	82.9	2.9
THE NEW N-K N8110W			134.5	19.8	86.1	1.5
PIONEER BRAND 3144W	149.0	128.7	131.8	18.8	88.0	1.0
AGRIGOLD A-6796W		121.7	127.8	18.8	83.3	3.3
SUPER CROST W700		130.5	124.4	19.0	74.1	3.7
AGRIGOLD A-6795W	132.3	121.4	120.3	19.4	79.6	2.4
ZIMMERMAN Z16W			120.1	19.6	81.9	3.4
ASGROW/O'S GOLD RX956W	128.4	114.0	113.5	18.8	69.4	3.8
NOBLEBEAR NBX796W			105.4	18.9	72.7	2.5
PIONEER BRAND 3283W		97.0	102.2	15.8	74.1	1.7
ZIMMERMAN Z54W		110.3	99.8	18.2	76.4	4.3
<b>WHITE AVERAGE</b>	<b>140.8</b>	<b>121.5</b>	<b>125.3</b>	<b>18.6</b>	<b>79.6</b>	<b>2.6</b>
<b>GRAND AVERAGE</b>	<b>137.7</b>	<b>125.8</b>	<b>127.9</b>	<b>17.8</b>	<b>79.6</b>	<b>2.3</b>
LSD (0.10)	15.8	15.1	22.6	1.2	9.3	3.1
C.V.			13.1	5.2	8.7	98.7

**TABLE 5.—ANNUAL SUMMARY, CALHOUN**

BRAND/HYBRID	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 87-89	BU/AC 88-89	BU/AC 1989	MOIST 1989	STAND 1989	LODGED 1989
YELLOW HYBRIDS						
CARGILL 9427	176.4	175.1	204.5	18.0	85.6	1.1
FR27 X PA91	165.1	161.5	204.3	25.1	86.6	2.1
PIONEER BRAND 3295	178.6	176.6	203.6	21.1	79.6	1.2
COLBERT 326	174.1	177.4	202.6	21.6	84.7	2.0
PRAIRIE STREAM SX702	168.7	154.2	192.4	21.3	75.0	8.3
FUNK'S G-4666	171.8	168.1	189.9	22.5	86.1	1.1
ADLERS 88X	159.7	156.2	188.6	24.7	96.8	1.9
ASGROW/O'S GOLD RX947			187.9	24.1	81.5	2.8
DEKALB-PFIZER DK677			187.7	21.5	96.3	0.9
AGRIGOLD A-6655	171.5	161.1	186.9	22.0	87.0	1.6
ASGROW/O'S GOLD RX908		168.5	186.8	23.2	78.2	1.8
PIONEER BRAND 3343		162.9	186.1	19.8	82.4	0.0
GARST SEED 8315		157.7	184.5	21.9	79.2	2.8
THE NEW N-K S8645			184.3	21.2	82.9	0.6
DEKALB-PFIZER DK711	157.1	153.0	184.0	23.9	84.3	3.3
AGRATECH GK750	164.4	161.7	183.5	21.3	87.5	0.5
SUNBELT 1860			183.2	26.5	87.5	2.8
PIONEER BRAND 3378			182.9	19.4	81.9	2.8
JACQUES 8400		168.0	182.8	25.0	91.2	1.1
GARST SEED N8350			181.5	21.9	88.9	0.0
CARGILL 8527			181.0	21.2	82.4	0.5
PIONEER BRAND 3140		162.0	180.8	21.4	82.4	2.2
BECK'S 64XA	170.4	168.6	180.3	19.8	78.7	1.2
THE NEW N-K N8727			180.0	23.3	85.6	0.0
BO-JAC 905		154.6	179.5	21.4	82.4	2.3
JADER 315			179.4	21.9	81.9	0.6
BECK'S 72X		155.5	179.3	21.4	84.3	13.0
GARST SEED 8344	159.3	152.3	178.9	20.9	85.2	2.7
COLBERT 313		151.4	178.5	21.2	89.4	3.2
GLICK SEED GH80X		156.4	177.3	21.5	85.2	1.6
PRAIRIE STREAM SX726			177.1	24.6	81.9	1.1
ZIMMERMAN Z20			176.7	22.6	84.3	4.7
JACQUES 8210	163.3	154.5	176.6	22.7	79.2	0.0
AGRIGOLD A-6720			176.5	22.1	89.8	0.0
THE NEW N-K PX9581	149.2	148.3	175.3	23.5	83.8	0.6
STEWART HYBRIDS S-6973	171.8	156.0	175.1	21.5	82.4	11.9
D&H SEEDS DH9120C			175.0	23.8	86.6	1.0
PIONEER BRAND 3320	168.9	158.8	174.7	21.9	87.0	5.5
ADLERS 6130			173.1	21.0	82.4	1.7
SO. STATES SS810	154.5	145.4	172.7	19.7	83.3	1.1
GLICK SEED GH75X			171.4	21.7	86.6	0.6
MCCURDY 7777		158.5	171.3	21.8	76.9	1.2
D&H SEEDS DH9116		135.1	170.9	25.5	83.3	0.5
GLICK SEED GH82X			170.0	22.5	93.5	2.9
SO. STATES SS728	150.0	146.7	169.7	21.1	79.2	4.1
JACQUES 7820			169.3	20.8	81.0	0.0
SO. STATES SS847			169.1	22.2	84.7	0.0
THE NEW N-K S8505			169.0	21.2	76.4	1.9
LYNKS 2875			168.6	19.9	95.4	1.5
BO-JAC 675			168.4	23.4	85.2	1.6
FR27 X MO17	155.3	148.9	168.2	21.4	79.6	1.7
ZIMMERMAN Z36			167.9	21.3	91.2	2.0
GOLDEN AC. T-E 6998	160.6	144.4	167.8	23.6	79.6	2.9
MCCURDY 7700		150.9	167.6	20.5	76.9	2.5
D&H SEEDS DH7183	153.5	148.6	167.4	23.0	77.3	1.2
AGRATECH 888			167.2	21.2	81.9	3.9
LYNKS DS642	162.5	141.6	166.8	20.6	83.3	0.5
CAVERNDAL FM. CF950			166.6	25.5	84.7	2.3
ASGROW/O'S GOLD RX911			166.5	21.6	73.6	0.0
SO. CROSS 411		141.8	165.7	21.8	81.5	1.5
LYNKS 2810			165.1	21.3	86.1	2.2
MCCURDY 7477			165.1	22.3	75.9	1.3
CROW'S 670			164.8	21.8	72.7	3.9
TERRA SEEDS TR364E		153.7	164.8	21.2	80.1	1.7
BECK'S 83X		148.3	164.7	23.5	87.0	7.4
SUPER CROST 5460	148.8	137.7	164.4	21.3	86.6	1.0
HYPERVERFORMER HS88			164.2	24.5	84.7	1.5



TABLE 5.—CALHOUN (continued)

BRAND/HYBRID	YIELD BU/AC 87-89	YIELD BU/AC 88-89	YIELD BU/AC 1989	AVG % MOIST 1989	AVG % STAND 1989	TOTAL % LODGED 1989
YELLOW HYBRIDS						
ORO HYBRIDS ORO190			163.9	22.5	81.0	1.7
SCOTT SEED LR5260			163.9	23.1	75.5	3.0
STEWART HYBRIDS S-8815		150.8	163.8	20.3	81.0	1.1
DEKALB-PFIZER DK649		143.3	163.5	20.0	74.1	0.0
TERRA SEEDS TR366E			163.2	22.4	85.2	1.1
SO. CROSS 611			163.1	21.5	75.9	17.7
FUNK'S G-4513			162.6	21.2	82.9	1.1
AGRATECH GK900	153.9	140.6	162.6	24.9	78.2	0.0
CROW'S 697			161.4	21.5	78.7	2.9
AGRIPRO ST-7750	160.7	153.2	161.2	21.5	78.2	0.0
ORO HYBRIDS ORO180			135.4	16.0	22.0	76.9
AGRATECH 825		145.9	160.4	23.1	77.3	0.0
JADER 119			160.0	21.1	77.3	3.0
ORO HYBRIDS ORO150		132.3	159.0	21.5	77.8	1.3
SCOTT SEED LR5272			158.7	25.1	90.7	0.0
SO. STATES SS907			158.2	22.8	85.6	1.1
CAVERNDALE FM. CF925			158.1	19.6	74.1	1.1
CARGILL 8027		144.7	157.5	22.1	82.9	2.3
COLBERT 345	158.2	146.5	157.0	24.8	85.6	0.0
CROW'S 688	149.5	138.5	156.9	21.8	70.4	1.3
SCOTT SEED LR5241			156.8	21.1	73.1	6.9
CAVERNDALE FM. CF6065		147.1	156.8	24.6	88.4	0.5
BO-JAC 9110			155.0	21.2	79.2	11.0
GOLDEN ACRES GA8559			154.7	21.6	65.7	0.0
HYPERFORMER HS97	159.2	146.2	153.4	21.5	82.9	6.7
PFISTER HYBRIDS 4470	157.0	142.3	153.1	20.9	80.6	5.7
TERRA SEEDS TR363E			152.8	22.3	70.4	1.3
DEKALB-PFIZER DK689	151.2	133.8	149.6	22.8	70.8	5.5
JACOBI 6720		135.5	149.0	24.2	64.8	0.7
JACOBI 6602			148.8	21.0	71.8	1.9
JACOBI 8901			148.7	23.2	77.8	0.6
CROW'S 669			147.7	22.4	78.7	1.1
JADER 316			147.5	20.5	68.1	0.0
STEWART HYBRIDS 9013			145.8	23.6	60.6	1.5
JACQUES 6770			145.3	18.5	81.0	5.7
SUPER CROST 7121			144.9	22.0	68.1	0.8
FR27 X LH38	133.9	128.1	144.6	20.6	75.9	1.3
SO. STATES SS844V			143.8	24.0	81.9	18.1
SO. CROSS 511	140.2	137.4	140.3	23.1	60.6	0.7
JACOBI 8850	139.1	133.4	139.8	20.8	79.2	20.4
HYPERFORMER HS82			128.4	21.2	82.4	1.8
GOLDEN AC. T-E 6996	147.1	132.1	126.8	26.0	65.3	1.7
ZIMMERMAN Z27	148.5	125.0	124.3	25.2	89.4	7.2
STEWART HYBRIDS 8915			114.4	24.4	56.9	13.1
YELLOW AVERAGE	158.7	150.2	167.1	22.1	80.8	2.7
WHITE HYBRIDS						
PIONEER BRAND 3144W	179.6	168.4	199.9	22.2	87.0	4.3
AGRIGOLD A-6796W			146.6	187.7	21.5	84.7
ZIMMERMAN Z54W		153.8	184.1	24.5	78.2	4.3
GARST SEED 8211W			179.0	22.1	83.8	2.2
ASGROW/O'S GOLD RX956W	154.3	149.4	177.4	24.9	93.1	6.0
PIONEER BRAND 3283W			146.0	177.1	19.1	81.9
SUPER CROST W700			141.1	175.1	25.2	75.9
AGRIGOLD A-6795W	157.0	141.1	173.1	26.1	82.9	1.1
SO. STATES SS917W			141.2	172.7	25.2	83.3
SPEC. GRAINS SGI 1300			168.5	24.0	85.6	1.6
ZIMMERMAN Z16W			167.9	26.2	85.6	1.1
THE NEW N-K N8110W			166.5	23.8	83.3	3.0
ZIMMERMAN Z14W	153.5	142.9	164.9	26.4	83.8	7.9
NOBLEBEAR NBX796W			162.2	22.9	82.4	0.0
WHITE AVERAGE	161.1	147.8	175.4	23.9	83.7	3.6
GRAND AVERAGE	158.9	149.9	168.0	22.3	81.1	2.8
LSD (0.10)	14.0	16.7	23.8	2.3	8.6	4.7
C.V.			10.6	7.6	7.9	125.5

**TABLE 6.—ANNUAL SUMMARY, FRANKLIN**

BRAND/HYBRID	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 87-89	BU/AC 88-89	BU/AC 1989	MOIST 1989	STAND 1989	LODGED 1989
<b>YELLOW HYBRIDS</b>						
BECK'S 72X		94.1	138.9	20.8	83.3	14.8
GARST SEED 8315		99.4	135.5	21.3	81.0	2.4
AGRIGOLD A-6720			133.3	22.9	80.6	3.5
PRAIRIE STREAM SX726			133.1	22.7	78.7	6.4
SCOTT SEED LR5272			131.7	23.0	74.1	1.8
COLBERT 345	111.8	85.5	129.6	21.8	81.0	10.2
GLICK SEED GH82X			129.0	20.4	75.9	10.9
GARST SEED N8350			127.5	22.5	75.5	5.9
ASGROW/O'S GOLD RX908		84.5	127.5	22.2	72.7	7.8
MCCURDY 7477			127.4	23.2	81.5	2.7
BO-JAC 905		81.4	127.4	21.2	74.1	5.0
MCCURDY 7777		94.8	126.7	22.1	56.9	5.7
CARGILL 9427	102.8	80.8	126.7	22.2	70.8	3.3
HYPERFORMER HS97	114.8	91.1	126.5	22.5	72.7	3.4
ORO HYBRIDS ORO180		87.8	125.5	21.6	73.6	6.4
PFISTER HYBRIDS 4470	117.3	88.6	125.2	20.8	66.2	7.0
ZIMMERMAN Z27	117.3	89.0	125.1	21.5	76.4	6.8
STEWART HYBRIDS S-8815		85.4	125.1	22.5	87.5	8.0
LYNKS 2875			124.9	22.6	68.5	4.1
FUNK'S G-4513			123.6	21.3	80.6	2.6
JACQUES 8210	105.2	80.7	123.3	21.7	81.5	5.5
SCOTT SEED LR5260			123.2	21.8	76.9	2.3
THE NEW N-K S8505			122.7	22.7	80.6	12.6
PIONEER BRAND 3343		80.3	122.7	19.9	74.1	6.2
ORO HYBRIDS ORO190			122.6	23.4	79.6	5.3
JADER 315			122.1	22.7	73.6	3.0
ADLERS 6130			122.0	22.2	76.4	9.6
ASGROW/O'S GOLD RX947			120.3	23.0	68.1	6.0
FR27 X MO17	106.2	77.5	120.2	21.4	69.0	12.7
FUNK'S G-4666	113.4	92.2	119.9	23.6	71.3	2.8
THE NEW N-K S8645			119.6	21.6	72.7	5.7
DEKALB-PFIZER DK677			119.3	21.4	78.2	5.0
JACQUES 8400		78.6	119.2	23.4	69.4	9.5
DEKALB-PFIZER DK689	108.2	85.1	119.1	20.2	59.7	3.7
GOLDEN AC. T-E 6996	104.2	86.5	118.8	23.4	77.8	8.2
CAVERNDALE FM. CF950			118.6	22.4	71.3	7.8
STEWART HYBRIDS 9013			118.5	21.1	56.9	10.4
SUPER CROST 5460	94.3	73.5	118.3	20.6	81.5	4.0
AGRIGOLD A-6655	107.0	83.1	117.8	21.1	72.2	4.5
ADLERS 88X	97.6	74.5	117.2	21.3	80.1	8.0
BO-JAC 675			117.1	22.4	77.3	15.8
CROW'S 669			117.1	21.9	72.2	7.7
DEKALB-PFIZER DK711	101.9	81.9	116.5	23.0	68.1	3.2
D&H SEEDS DH9116		75.7	116.5	23.5	81.9	5.0
CAVERNDALE FM. CF925			116.4	21.8	78.7	3.9
THE NEW N-K N8727			115.1	22.2	71.3	11.0
CARGILL 8527			114.7	21.8	70.8	1.2
PRAIRIE STREAM SX702	115.7	89.6	114.5	19.2	70.4	13.7
LYNKS DS642	107.6	79.1	113.3	21.2	61.6	5.9
AGRATECH GK750	86.0	71.3	112.7	22.8	80.1	5.8
SO. CROSS 511	103.2	79.2	112.3	22.0	53.7	9.7
D&H SEEDS DH7183	108.1	82.6	112.3	22.2	84.7	8.6
SO. STATES SS728	97.4	72.3	112.1	20.3	73.1	4.1
SO. STATES SS907			111.7	22.5	66.2	2.4
SCOTT SEED LR5241			111.2	20.7	67.6	5.5
BO-JAC 9110			110.9	20.5	73.1	1.9
MCCURDY 7700		74.2	110.9	22.1	71.8	4.5
FR27 X PA91	106.1	79.0	110.6	22.7	73.6	15.5
COLBERT 313		71.3	110.5	21.1	73.1	4.3
ORO HYBRIDS ORO150		76.2	109.9	20.1	69.0	4.0
JACQUES 7820			109.4	20.9	73.6	5.0
AGRATECH 825		66.9	109.4	23.5	78.2	6.6
GLICK SEED GH75X			109.3	20.8	69.0	8.3
PIONEER BRAND 3295	105.9	74.8	109.2	20.3	64.4	9.4
SO. CROSS 411		62.4	109.1	21.1	72.2	2.9
JADER 316			108.8	20.9	69.0	5.3
BECK'S 83X		74.5	108.4	24.0	63.9	7.2

**TABLE 6.—FRANKLIN (continued)**

BRAND/HYBRID	YIELD BU/AC 87-89	YIELD BU/AC 88-89	YIELD BU/AC 1989	AVG % MOIST 1989	AVG % STAND 1989	TOTAL % LODGED 1989
<b>YELLOW HYBRIDS</b>						
AGRIPRO ST-7750	98.8	82.9	107.7	21.2	71.8	6.7
ASGROW/O'S GOLD RX911			106.9	22.3	75.9	2.3
CROW'S 688	97.6	75.5	106.8	23.4	68.1	8.3
TERRA SEEDS TR366E			106.4	22.0	71.8	4.3
ZIMMERMAN Z20			106.3	21.2	60.2	2.3
PIONEER BRAND 3140		87.8	106.2	23.2	61.1	4.7
CROW'S 670			105.5	21.9	71.8	8.3
SO. STATES SS847			105.4	21.7	71.3	8.0
TERRA SEEDS TR364E		78.1	105.3	22.9	65.3	3.3
CARGILL 8027		68.7	105.1	20.8	73.1	7.6
GOLDEN ACRES GA8559			104.7	22.4	76.9	6.6
TERRA SEEDS TR363E			104.6	21.8	67.6	2.1
D&H SEEDS DH9120C			103.7	23.7	66.7	5.0
AGRATECH GK900	97.2	77.4	102.6	22.7	62.0	6.4
JACOBI 6720		74.1	101.9	23.8	61.1	6.8
PIONEER BRAND 3378			100.7	19.9	66.7	7.3
BECK'S 64XA	94.1	71.5	100.3	19.8	63.9	3.9
COLBERT 326	111.6	87.4	99.7	21.2	69.4	11.2
ZIMMERMAN Z36			98.9	21.7	67.6	3.2
SUNBELT 1860			97.1	23.9	72.7	5.8
HYPERFORMER HS82			96.2	20.3	72.2	10.0
JACOBI 8850	97.0	76.1	96.1	21.4	59.3	3.3
DEKALB-PFIZER DK649		67.2	94.6	20.5	54.2	1.2
GLICK SEED GH80X		67.1	94.5	23.1	72.7	6.6
GOLDEN AC. T-E 6998	99.6	69.0	93.3	23.0	63.4	10.8
HYPERFORMER HS88			91.9	23.3	54.6	11.3
CROW'S 697			91.3	21.0	55.1	5.6
FR27 X LH38	85.3	61.7	90.8	20.3	64.8	9.8
JACOBI 6602			90.0	20.4	61.6	3.5
PIONEER BRAND 3320	104.2	73.6	89.3	22.4	68.5	7.7
SO. STATES SS844V			88.1	23.6	56.5	4.0
AGRATECH 888			84.5	22.3	69.0	7.5
CAVERNDALE FM. CF6065		65.6	84.1	23.4	53.7	6.4
SO. CROSS 611			82.0	21.3	63.0	17.8
STEWART HYBRIDS 8915			81.8	22.3	50.9	11.0
LYNKS 2810			81.8	21.1	56.9	7.6
JADER 119			80.4	20.0	53.7	1.3
STEWART HYBRIDS S-6973	95.6	59.0	80.3	21.2	58.3	9.6
SO. STATES SS810	92.4	64.7	80.0	22.1	60.2	13.6
SUPER CROST 7121			75.8	21.3	52.3	9.1
GARST SEED 8344	80.6	58.2	75.4	21.6	57.4	5.6
JACOBI 8901			71.5	23.3	53.7	3.9
THE NEW N-K PX9581	91.9	55.6	71.4	23.2	51.9	11.3
JACQUES 6770			67.7	22.1	53.7	15.6
<b>YELLOW AVERAGE</b>	<b>102.2</b>	<b>77.7</b>	<b>109.1</b>	<b>21.9</b>	<b>69.3</b>	<b>6.6</b>
<b>WHITE HYBRIDS</b>						
PIONEER BRAND 3283W		86.7	136.3	20.9	86.1	3.4
ASGROW/O'S GOLD RX956W	92.4	72.9	129.9	23.1	75.0	9.8
GARST SEED 8211W			129.8	21.8	81.0	5.9
SO. STATES SS917W		68.1	122.9	24.4	76.4	10.5
SPEC. GRAINS SGI 1300			120.2	21.5	69.0	11.4
THE NEW N-K N8110W			115.1	21.9	71.8	8.3
PIONEER BRAND 3144W	110.8	85.9	114.2	22.1	64.8	16.2
ZIMMERMAN Z16W			109.3	24.8	58.8	6.3
ZIMMERMAN Z54W		73.5	104.7	22.2	72.2	8.9
SUPER CROST W700		70.0	103.2	21.1	64.4	6.6
ZIMMERMAN Z14W	98.3	67.0	102.3	22.4	69.9	4.3
AGRIGOLD A-6795W	91.7	59.7	101.8	23.9	74.5	17.4
AGRIGOLD A-6796W		57.6	100.1	22.2	77.3	11.5
NOLEBEAR NBX796W			96.2	21.2	74.5	7.3
<b>WHITE AVERAGE</b>	<b>98.3</b>	<b>71.3</b>	<b>113.3</b>	<b>22.4</b>	<b>72.6</b>	<b>9.1</b>
<b>GRAND AVERAGE</b>	<b>101.8</b>	<b>76.8</b>	<b>109.6</b>	<b>21.9</b>	<b>69.7</b>	<b>6.9</b>
LSD (0.10)	15.2	18.7	33.6	1.7	18.9	6.4
C.V.			22.7	5.6	20.1	68.9

TABLE 7.—ANNUAL SUMMARY, ELIZABETHTOWN

BRAND/HYBRID	YIELD BU/AC 87-89	YIELD BU/AC 88-89	YIELD BU/AC 1989	AVG % MOIST 1989	AVG % STAND 1989	TOTAL % LODGED 1989
YELLOW HYBRIDS						
PIONEER BRAND 3140		169.6	193.0	17.8	82.5	1.0
PIONEER BRAND 3295	154.1	152.4	191.4	17.7	83.8	0.0
DEKALB-PFIZER DK677			189.8	17.8	82.5	1.6
GOLDEN AC. T-E 6996	156.2	156.9	188.6	20.5	84.6	0.5
GARST SEED 8315		156.9	185.5	17.5	86.8	3.5
GOLDEN AC. T-E 6998	152.1	151.1	182.5	19.9	84.2	2.0
SO. CROSS 611			182.3	17.3	73.5	4.0
BECK'S 72X		142.0	181.4	17.5	79.1	3.1
ASGROW/O'S GOLD RX908		152.2	180.3	18.7	83.8	2.5
ZIMMERMAN Z27	152.1	144.4	180.3	18.0	77.8	3.9
JACQUES 8210	144.7	145.7	179.4	18.8	79.1	1.1
COLBERT 345	143.9	140.7	178.0	20.0	84.2	3.1
STEWART HYBRIDS 9013			177.9	17.5	71.8	0.0
THE NEW N-K N8727			177.4	19.7	85.5	1.0
AGRATECH GK900	152.3	157.9	177.2	19.1	76.5	1.1
CARGILL 9427	150.7	146.2	176.9	19.7	78.2	3.2
PIONEER BRAND 3378			175.9	16.8	79.1	0.0
CROW'S 670			175.7	17.8	75.6	2.3
PRAIRIE STREAM SX702	161.8	159.8	175.7	17.6	87.2	6.8
ORO HYBRIDS ORO150		129.8	175.4	16.7	82.5	1.0
D&H SEEDS DH9120C			175.0	19.6	78.6	2.9
CAVERNDALE FM. CF950			174.9	20.2	82.9	2.5
THE NEW N-K PX9581	153.8	150.2	173.7	18.5	82.9	2.5
MCCURDY 7777		147.7	172.2	19.3	75.2	1.7
THE NEW N-K S8645			171.3	18.5	83.3	4.1
D&H SEEDS DH7183	154.6	148.4	171.1	19.1	83.3	1.6
GLICK SEED GH80X		134.3	171.1	18.7	83.8	2.0
PIONEER BRAND 3320	161.6	157.6	170.7	18.0	81.2	1.1
ADLERS 6130			170.5	18.6	83.3	0.5
BO-JAC 905		141.3	170.2	18.7	86.8	1.5
CARGILL 8027		136.1	170.1	18.3	79.1	1.1
LYNKS 2875			169.7	18.9	85.5	2.0
DEKALB-PFIZER DK711	141.0	145.0	169.6	20.8	78.6	1.2
SO. STATES SS844V			169.6	19.7	84.6	2.5
BECK'S 83X		142.8	169.2	19.1	82.1	1.6
LYNKS 2810			168.4	18.7	80.8	1.6
HYPERFORMER HS88			168.3	20.1	78.6	3.3
CROW'S 688	140.9	140.6	168.3	18.6	85.5	2.0
SUPER CROST 5460	147.8	135.4	167.8	18.6	84.2	4.1
PFISTER HYBRIDS 4470	151.9	142.7	167.2	18.6	77.8	6.1
SUNBELT 1860			166.8	21.6	73.5	0.6
STEWART HYBRIDS S-6973	145.1	136.6	166.3	17.5	81.6	2.5
ORO HYBRIDS ORO190			166.1	18.1	79.9	4.3
ASGROW/O'S GOLD RX947			165.9	21.4	79.1	3.8
DEKALB-PFIZER DK689	159.2	149.4	165.2	17.6	78.6	0.6
JACOBI 6720		138.8	165.1	18.5	77.4	2.2
TERRA SEEDS TR363E			164.8	18.3	75.2	2.9
MCCURDY 7477			163.5	18.5	84.6	2.2
AGRIGOLD A-6655	151.4	139.2	163.4	17.6	79.1	4.8
LYNKS DS642	142.5	142.7	163.3	18.1	74.4	7.0
SO. STATES SS810	142.6	136.2	163.2	17.4	81.2	1.6
GLICK SEED GH75X			163.2	18.6	82.5	2.6
STEWART HYBRIDS S-8815		134.7	162.9	18.5	81.2	0.5
FUNK'S G-4513			162.7	19.1	84.2	0.5
JADER 316			162.5	18.1	80.8	1.6
CAVERNDALE FM. CF6065		133.8	162.1	19.4	76.9	1.1
AGRIGOLD A-6720			161.7	18.8	84.6	2.0
BO-JAC 675			161.7	18.9	76.1	2.3
JACOBI 8850	133.8	134.6	161.2	18.0	80.3	3.2
ZIMMERMAN Z36			160.4	18.0	80.3	2.6
JACQUES 6770			160.3	15.5	80.8	2.7
PRAIRIE STREAM SX726			160.2	18.3	76.9	2.8
AGRATECH 825		130.2	159.9	18.3	84.6	1.0
FR27 X PA91	146.5	137.9	159.4	19.1	80.8	2.6
ASGROW/O'S GOLD RX911			159.3	19.0	78.2	1.6
FR27 X MO17	138.0	126.3	159.1	18.8	79.1	1.1
SCOTT SEED LR5272			159.1	19.9	79.5	1.7

**TABLE 7.—ELIZABETHTOWN (continued)**

BRAND/HYBRID	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 87-89	BU/AC 88-89	BU/AC 1989	MOIST 1989	STAND 1989	LODGED 1989
<b>YELLOW HYBRIDS</b>						
ORO HYBRIDS ORO180		135.5	158.6	18.0	77.4	4.3
BECK'S 64XA	151.2	140.9	157.9	16.5	75.2	0.0
GARST SEED N8350			157.4	18.5	78.2	0.0
AGRATECH GK750	135.6	127.6	157.3	18.4	80.8	2.5
SCOTT SEED LR5241			157.2	18.0	78.6	4.4
TERRA SEEDS TR364E		139.8	156.9	18.5	77.8	1.5
SO. STATES SS907			156.4	19.0	77.4	0.6
JACQUES 7820			156.3	17.9	78.6	0.5
PIONEER BRAND 3343		132.1	156.2	16.3	83.8	2.0
ADLERS 88X	139.9	128.3	156.1	20.4	82.9	1.0
JACOBI 8901			155.4	17.8	84.6	0.5
TERRA SEEDS TR366E			155.3	18.6	77.8	1.2
COLBERT 326	150.2	137.9	154.2	17.8	85.0	4.6
GOLDEN ACRES GA8559			153.7	18.4	75.6	1.6
JACQUES 8400		129.6	153.1	20.1	75.2	5.2
SCOTT SEED LR5260			152.6	18.5	75.6	1.7
THE NEW N-K S8505			152.6	18.2	73.9	1.8
GLICK SEED GH82X			151.9	19.1	81.2	0.5
COLBERT 313		119.3	151.8	17.7	79.9	1.6
SUPER CROST 7121			151.8	18.5	79.9	0.0
D&H SEEDS DH9116		130.8	151.7	19.0	78.2	1.1
AGRIPRO ST-7750	148.9	134.0	151.3	19.2	71.8	2.8
JADER 315			151.1	18.8	76.9	1.7
CARGILL 8527			150.3	18.2	77.8	2.7
DEKALB-PFIZER DK649		127.3	149.6	17.1	76.9	1.1
FUNK'S G-4666	135.9	132.7	149.3	18.8	83.3	2.6
JACOBI 6602			149.3	18.2	82.9	2.1
SO. CROSS 511	136.6	136.7	149.0	19.2	74.4	1.6
HYPERFORMER HS82			148.0	18.1	78.6	0.5
ZIMMERMAN Z20			146.4	18.0	84.2	2.0
AGRATECH 888			146.2	18.3	81.6	1.5
CAVERNDALE FM. CF925			145.1	18.6	82.5	3.6
SO. STATES SS847			144.6	18.4	76.5	1.1
CROW'S 697			143.3	18.9	73.9	2.8
HYPERFORMER HS97	149.4	137.4	142.4	18.3	78.2	1.6
BO-JAC 9110			138.0	18.1	79.5	1.7
FR27 X LH38	120.9	120.3	136.7	16.7	72.6	1.0
SO. STATES SS728	136.8	123.8	136.6	18.4	83.3	4.6
MCCURDY 7700		130.2	136.2	17.2	83.3	1.5
CROW'S 669			134.1	18.5	73.5	0.0
SO. CROSS 411		122.0	130.8	17.9	74.4	1.6
GARST SEED 8344	137.6	123.7	130.6	18.3	75.2	3.4
JADER 119			118.5	18.5	78.6	1.7
STEWART HYBRIDS 8915			112.0	19.0	61.1	1.5
<b>YELLOW AVERAGE</b>	<b>146.3</b>	<b>139.3</b>	<b>161.4</b>	<b>18.5</b>	<b>79.7</b>	<b>2.1</b>
<b>WHITE HYBRIDS</b>						
PIONEER BRAND 3144W	160.9	161.7	189.2	18.1	79.9	3.3
ZIMMERMAN Z16W			182.9	20.8	83.8	1.5
ZIMMERMAN Z14W	151.8	147.1	174.8	21.1	78.2	2.2
SO. STATES SS917W		140.3	174.3	21.6	81.6	4.8
ASGROW/O'S GOLD RX956W	139.5	135.4	173.9	20.7	79.5	2.1
GARST SEED B211W			173.4	18.4	80.3	4.8
AGRIGOLD A-6795W	135.3	128.1	173.0	19.3	80.3	2.0
THE NEW N-K N8110W			166.7	20.8	83.3	1.0
SUPER CROST W700		145.0	166.5	20.3	82.1	2.0
ZIMMERMAN Z54W		131.3	166.0	20.1	79.1	1.6
AGRIGOLD A-6796W		127.0	158.6	20.5	73.1	1.8
SPEC. GRAINS SGI 1300			156.3	18.4	82.9	2.7
NOBLEBEAR NBX796W			142.2	19.4	73.9	1.6
PIONEER BRAND 3283W		113.2	139.7	17.3	81.2	0.6
<b>WHITE AVERAGE</b>	<b>146.9</b>	<b>136.6</b>	<b>167.0</b>	<b>19.8</b>	<b>79.9</b>	<b>2.3</b>
<b>GRAND AVERAGE</b>	<b>146.4</b>	<b>138.9</b>	<b>162.0</b>	<b>18.6</b>	<b>79.7</b>	<b>2.1</b>
LSD (0.10)	16.5	18.2	24.2	1.1	8.0	2.8
C.V.			11.2	4.5	7.5	100.1

**TABLE 7.—ELIZABETHTOWN (continued)**

BRAND/HYBRID	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 87-89	BU/AC 88-89	BU/AC 1989	MOIST 1989	STAND 1989	LODGED 1989
<b>YELLOW HYBRIDS</b>						
ORO HYBRIDS ORO180		135.5	158.6	18.0	77.4	4.3
BECK'S 64XA	151.2	140.9	157.9	16.5	75.2	0.0
GARST SEED N8350			157.4	18.5	78.2	0.0
AGRATECH GK750	135.6	127.6	157.3	18.4	80.8	2.5
SCOTT SEED LR5241			157.2	18.0	78.6	4.4
TERRA SEEDS TR364E		139.8	156.9	18.5	77.8	1.5
SO. STATES SS907			156.4	19.0	77.4	0.6
JACQUES 7820			156.3	17.9	78.6	0.5
PIONEER BRAND 3343		132.1	156.2	16.3	83.8	2.0
ADLERS 88X	139.9	128.3	156.1	20.4	82.9	1.0
JACOBI 8901			155.4	17.8	84.6	0.5
TERRA SEEDS TR366E			155.3	18.6	77.8	1.2
COLBERT 326	150.2	137.9	154.2	17.8	85.0	4.6
GOLDEN ACRES GA8559			153.7	18.4	75.6	1.6
JACQUES 8400		129.6	153.1	20.1	75.2	5.2
SCOTT SEED LR5260			152.6	18.5	75.6	1.7
THE NEW N-K S8505			152.6	18.2	73.9	1.8
GLICK SEED GH82X			151.9	19.1	81.2	0.5
COLBERT 313		119.3	151.8	17.7	79.9	1.6
SUPER CROST 7121			151.8	18.5	79.9	0.0
D&H SEEDS DH9116		130.8	151.7	19.0	78.2	1.1
AGRIPRO ST-7750	148.9	134.0	151.3	19.2	71.8	2.8
JADER 315			151.1	18.8	76.9	1.7
CARGILL 8527			150.3	18.2	77.8	2.7
DEKALB-PFIZER DK649		127.3	149.6	17.1	76.9	1.1
FUNK'S G-4666	135.9	132.7	149.3	18.8	83.3	2.6
JACOBI 6602			149.3	18.2	82.9	2.1
SO. CROSS 511	136.6	136.7	149.0	19.2	74.4	1.6
HYPERFORMER HS82			148.0	18.1	78.6	0.5
ZIMMERMAN Z20			146.4	18.0	84.2	2.0
AGRATECH 888			146.2	18.3	81.6	1.5
CAVERNDALE FM. CF925			145.1	18.6	82.5	3.6
SO. STATES SS847			144.6	18.4	76.5	1.1
CROW'S 697			143.3	18.9	73.9	2.8
HYPERFORMER HS97	149.4	137.4	142.4	18.3	78.2	1.6
BO-JAC 9110			138.0	18.1	79.5	1.7
FR27 X LH38	120.9	120.3	136.7	16.7	72.6	1.0
SO. STATES SS728	136.8	123.8	136.6	18.4	83.3	4.6
MCCURDY 7700		130.2	136.2	17.2	83.3	1.5
CROW'S 669			134.1	18.5	73.5	0.0
SO. CROSS 411		122.0	130.8	17.9	74.4	1.6
GARST SEED 8344	137.6	123.7	130.6	18.3	75.2	3.4
JADER 119			118.5	18.5	78.6	1.7
STEWART HYBRIDS 8915			112.0	19.0	61.1	1.5
<b>YELLOW AVERAGE</b>	<b>146.3</b>	<b>139.3</b>	<b>161.4</b>	<b>18.5</b>	<b>79.7</b>	<b>2.1</b>
<b>WHITE HYBRIDS</b>						
PIONEER BRAND 3144W	160.9	161.7	189.2	18.1	79.9	3.3
ZIMMERMAN Z16W			182.9	20.8	83.8	1.5
ZIMMERMAN Z14W	151.8	147.1	174.8	21.1	78.2	2.2
SO. STATES SS917W		140.3	174.3	21.6	81.6	4.8
ASGROW/O'S GOLD RX956W	139.5	135.4	173.9	20.7	79.5	2.1
GARST SEED 8211W			173.4	18.4	80.3	4.8
AGRIGOLD A-6795W	135.3	128.1	173.0	19.3	80.3	2.0
THE NEW N-K N8110W			166.7	20.8	83.3	1.0
SUPER CROST W700		145.0	166.5	20.3	82.1	2.0
ZIMMERMAN Z54W		131.3	166.0	20.1	79.1	1.6
AGRIGOLD A-6796W		127.0	158.6	20.5	73.1	1.8
SPEC. GRAINS SGI 1300			156.3	18.4	82.9	2.7
NOBLEBEAR NBX796W			142.2	19.4	73.9	1.6
PIONEER BRAND 3283W		113.2	139.7	17.3	81.2	0.6
<b>WHITE AVERAGE</b>	<b>146.9</b>	<b>136.6</b>	<b>167.0</b>	<b>19.8</b>	<b>79.9</b>	<b>2.3</b>
<b>GRAND AVERAGE</b>	<b>146.4</b>	<b>138.9</b>	<b>162.0</b>	<b>18.6</b>	<b>79.7</b>	<b>2.1</b>
LSD (0.10)	16.5	18.2	24.2	1.1	8.0	2.8
C.V.			11.2	4.5	7.5	100.1

TABLE 8.—ANNUAL SUMMARY, LEXINGTON

BRAND/HYBRID	YIELD BU/AC 87-89	YIELD BU/AC 88-89	YIELD BU/AC 1989	AVG % MOIST 1989	AVG % STAND 1989	TOTAL % LODGED 1989
YELLOW HYBRIDS						
PIONEER BRAND 3295	150.1	162.0	248.0	19.9	85.2	1.5
PIONEER BRAND 3140		160.7	230.5	21.6	88.9	1.6
THE NEW N-K S8505			230.1	22.8	88.9	1.6
BECK'S 72X		154.7	226.0	22.0	89.4	2.1
DEKALB-PFIZER DK677			222.3	21.5	92.1	0.5
COLBERT 326	147.1	154.2	220.2	21.5	86.1	1.3
CROW'S 670			217.6	23.7	84.7	2.5
SO. CROSS 611			217.5	22.3	88.4	4.4
STEWART HYBRIDS 9013			217.1	22.9	81.0	1.3
PIONEER BRAND 3320	142.4	144.8	215.0	22.3	88.4	0.5
PRAIRIE STREAM SX702	137.2	136.8	214.0	21.6	90.7	5.4
PIONEER BRAND 3378			213.1	19.8	84.3	0.6
DEKALB-PFIZER DK689	142.0	148.7	213.0	22.2	86.6	1.0
ADLERS 88X	138.6	134.7	211.8	23.8	86.6	2.2
BECK'S 83X		136.8	210.7	22.9	93.1	2.0
GLICK SEED GH80X		135.9	210.1	21.0	96.8	1.4
FR27 X PA91	136.4	140.1	209.8	24.5	84.3	2.8
THE NEW N-K N8727			208.6	23.1	87.0	2.2
ZIMMERMAN Z27	141.0	143.3	208.4	22.5	90.3	2.6
STEWART HYBRIDS S-6973	143.1	144.9	208.1	22.3	81.5	3.8
ASGROW/O'S GOLD RX947			207.7	26.1	85.2	1.0
ZIMMERMAN Z20			203.6	22.2	83.3	1.7
JACQUES 8210	130.7	126.9	203.3	22.6	89.4	0.0
GARST SEED N8350			202.8	22.4	88.0	1.0
AGRIGOLD A-6655	136.5	134.3	202.4	23.2	89.8	2.6
FR27 X MO17	130.9	128.1	201.4	22.9	87.0	2.1
THE NEW N-K PX9581	137.7	142.6	201.2	23.2	92.6	1.0
PIONEER BRAND 3343		128.9	201.2	20.2	84.3	1.3
LYNKS DS642	144.6	145.7	200.9	20.4	87.5	0.5
DEKALB-PFIZER DK649		143.6	200.3	21.8	88.9	0.5
MCCURDY 7477			199.9	21.0	87.0	0.0
ADLERS 6130			198.4	21.0	92.1	0.5
GARST SEED 8315		148.1	198.2	21.5	87.5	3.7
MCCURDY 7700		143.3	198.2	21.0	84.7	1.0
BO-JAC 905		134.1	197.9	21.7	88.9	0.5
ZIMMERMAN Z36			197.6	21.7	96.3	1.4
ORO HYBRIDS ORO180		141.6	197.3	20.8	88.4	1.0
AGRATECH 888			197.0	23.2	88.4	0.6
GLICK SEED GH82X			196.6	22.2	87.5	3.0
AGRIGOLD A-6720			195.4	23.4	92.1	0.6
CAVERNDALE FM. CF950			195.3	24.6	84.3	3.2
JACOBI 6720		132.8	195.1	25.7	77.8	3.8
JADER 119			194.8	21.7	91.2	1.1
GLICK SEED GH75X			194.5	21.7	91.2	1.0
GOLDEN ACRES GA8559			194.4	21.9	83.3	0.5
CROW'S 697			194.3	20.7	86.1	0.0
DEKALB-PFIZER DK711	132.6	130.7	194.3	23.1	86.1	0.0
LYNKS 2875			193.6	23.9	90.3	0.5
CARGILL 8527			193.5	22.1	86.6	0.0
TERRA SEEDS TR366E			193.4	23.3	95.8	0.9
FUNK'S G-4666	135.4	133.2	192.5	22.3	89.8	0.6
FUNK'S G-4513			191.8	20.7	86.1	0.5
THE NEW N-K S8645			191.4	22.9	86.6	0.6
GOLDEN AC. T-E 6996	138.5	139.2	190.1	24.2	86.1	1.5
PRAIRIE STREAM SX726			189.6	23.8	90.7	2.0
JACOBI 8901			189.6	22.9	93.5	0.0
ORO HYBRIDS ORO150		133.5	189.5	20.7	84.7	1.0
BO-JAC 9110			189.2	21.6	83.8	0.5
STEWART HYBRIDS S-8815		128.2	189.1	22.5	85.6	0.0
TERRA SEEDS TR364E		124.2	188.6	22.7	85.6	0.6
CARGILL 9427	134.5	129.1	188.3	24.2	89.8	1.1
MCCURDY 7777		137.6	188.3	22.3	78.2	1.2
ASGROW/O'S GOLD RX908		126.7	188.0	22.6	86.1	3.9
SO. STATES SS810	122.5	125.1	187.7	20.4	89.8	0.5
AGRATECH GK750	128.7	126.4	187.4	21.3	94.0	0.0
GOLDEN AC. T-E 6998	136.0	127.0	187.3	24.1	75.0	0.6
SO. STATES SS728	120.2	118.8	187.0	20.5	87.5	0.0

**TABLE 8.—LEXINGTON (continued)**

BRAND/HYBRID	YIELD BU/AC 87-89	YIELD BU/AC 88-89	YIELD BU/AC 1989	AVG % MOIST 1989	AVG % STAND 1989	TOTAL % LODGED 1989
<b>YELLOW HYBRIDS</b>						
ASGROW/O'S GOLD RX911			186.5	23.3	86.6	1.7
SO. STATES SS847			186.2	22.8	89.8	1.0
TERRA SEEDS TR363E			185.5	23.1	80.1	1.3
GARST SEED 8344	133.4	132.5	185.3	20.5	84.3	0.5
SO. CROSS 411		124.1	185.3	20.1	88.0	0.6
ORO HYBRIDS ORO190			185.0	20.9	80.6	0.5
SCOTT SEED LR5260			184.8	22.9	85.6	0.0
JACQUES 8400		127.7	184.7	25.4	87.0	2.6
CAVERNDALE FH. CF925			184.6	23.1	88.4	0.0
SCOTT SEED LR5241			184.3	22.5	88.0	0.5
SO. STATES SS907			183.9	22.3	87.0	0.0
PFISTER HYBRIDS 4470	127.6	129.1	183.7	21.2	85.6	1.6
HYPERFORMER HS88			183.7	23.8	82.4	1.2
JACQUES 7820			183.7	20.4	89.8	0.5
CROW'S 669			183.6	23.4	83.3	1.7
COLBERT 313		124.7	182.8	20.3	91.7	0.0
D&H SEEDS DH7183	122.2	125.1	182.6	22.3	91.2	1.0
HYPERFORMER HS97	129.5	124.8	182.3	23.1	88.9	1.4
SCOTT SEED LR5272			182.2	24.5	90.3	0.0
D&H SEEDS DH9116		116.3	180.9	23.8	90.3	1.1
AGRIPRO ST-7750	123.6	126.5	179.8	22.5	88.4	0.0
SO. STATES SS844V			179.6	25.8	81.9	1.7
BO-JAC 675			179.4	21.2	92.1	1.0
BECK'S 64XA	136.5	130.9	179.4	19.5	89.4	2.6
AGRATECH 825		132.3	178.6	22.6	90.7	0.0
JADER 315			178.6	21.4	83.8	0.6
SUPER CROST 5460	130.0	130.8	177.2	20.1	86.1	0.5
SUPER CROST 7121			176.9	22.4	81.9	0.6
D&H SEEDS DH9120C			174.6	24.0	86.1	1.6
FR27 X LH38	116.8	111.0	174.3	20.8	83.8	3.6
CARGILL 8027		116.2	173.4	20.1	88.0	0.0
SO. CROSS 511	124.3	128.4	172.1	22.0	79.2	1.7
AGRATECH GK900	122.7	118.5	171.5	23.3	81.0	1.1
SUNBELT 1860			170.3	26.7	91.7	1.1
COLBERT 345	121.3	116.3	169.3	24.7	92.1	3.2
JACOBI 8850	120.9	121.7	168.6	24.3	86.6	1.6
CAVERNDALE FH. CF6065		117.7	168.5	22.1	82.4	2.8
JADER 316			167.7	21.5	82.9	1.5
LYNKS 2810			166.7	20.1	88.4	0.6
CROW'S 688	124.0	121.8	165.0	21.2	80.6	0.5
JACOBI 6602			162.5	20.7	75.0	0.0
HYPERFORMER HS82			160.1	20.5	78.7	1.0
JACQUES 6770			158.5	18.2	89.4	0.0
STEWART HYBRIDS 8915			158.4	25.1	78.7	1.3
<b>YELLOW AVERAGE</b>	<b>132.6</b>	<b>132.8</b>	<b>191.9</b>	<b>22.3</b>	<b>86.9</b>	<b>1.2</b>
<b>WHITE HYBRIDS</b>						
PIONEER BRAND 3144W	150.8	154.8	214.0	21.2	79.2	3.5
SO. STATES SS917W		149.6	209.4	24.9	90.3	0.5
AGRIGOLD A-6795W	135.3	141.9	206.9	24.5	85.2	2.2
GARST SEED 8211W			206.1	22.3	89.8	2.5
ZIMMERMAN Z16W			203.5	25.3	89.4	1.0
PIONEER BRAND 3283W		119.5	200.0	19.2	89.8	0.5
AGRIGOLD A-6796W		136.8	198.9	24.4	86.6	2.3
THE NEW N-K N8110W			198.4	24.5	88.0	5.4
SUPER CROST W700		127.5	197.2	25.7	80.1	2.2
SPEC. GRAINS SGI 1300			192.9	21.3	85.2	0.6
ZIMMERMAN Z54W		133.4	192.6	25.6	92.1	1.5
ASGROW/O'S GOLD RX956W	136.2	137.2	189.7	24.4	90.3	1.5
ZIMMERMAN Z14W	127.5	126.2	186.1	28.7	93.5	2.4
NOBLEBEAR NBX796W			163.5	23.4	83.3	1.5
<b>WHITE AVERAGE</b>	<b>137.5</b>	<b>136.3</b>	<b>197.1</b>	<b>24.0</b>	<b>87.3</b>	<b>2.0</b>
<b>GRAND AVERAGE</b>	<b>133.1</b>	<b>133.3</b>	<b>192.5</b>	<b>22.5</b>	<b>87.0</b>	<b>1.3</b>
LSD (0.10)	11.6	14.2	21.5	1.5	8.5	2.1
C.V.			8.4	4.9	7.3	121.0



**TABLE 9.—ANNUAL SUMMARY, QUICKSAND**

BRAND/HYBRID	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 87-89	BU/AC 88-89	BU/AC 1989	MOIST 1989	STAND 1989	LODGED 1989
<b>YELLOW HYBRIDS</b>						
PIONEER BRAND 3295	166.7	152.3	195.8	14.2	89.8	0.0
GLICK SEED GH82X			190.5	16.4	81.9	0.6
GARST SEED 8315		152.0	189.2	15.4	85.6	1.0
ASGROW/O'S GOLD RX947			184.1	16.8	82.4	0.5
PRAIRIE STREAM SX702	156.9	147.8	183.2	14.8	94.0	0.5
PRAIRIE STREAM SX726			180.8	16.2	81.0	0.6
PIONEER BRAND 3320	152.5	147.3	179.0	15.0	92.6	0.0
CARGILL 9427	159.2	158.3	177.4	16.1	84.3	0.6
LYNKS DS642	159.5	147.1	177.1	15.3	86.6	0.0
COLBERT 345	145.1	139.5	176.9	15.8	81.5	1.1
COLBERT 313		140.8	176.4	14.6	82.9	1.6
DEKALB-PFIZER DK711	153.7	140.0	176.3	15.8	78.2	0.0
DEKALB-PFIZER DK677			174.9	15.0	82.9	0.6
GLICK SEED GH75X			174.9	14.1	84.7	0.5
BECK'S 72X		142.8	174.5	15.6	80.6	1.7
ORO HYBRIDS ORO190			173.7	15.4	84.3	0.0
SO. CROSS 611			173.4	15.1	71.3	4.7
FR27 X PA91	160.3	148.4	173.2	16.3	84.7	0.5
AGRIGOLD A-6720			171.9	15.8	93.1	0.0
AGRATECH 825		137.9	171.2	15.5	83.3	0.5
BO-JAC 9110			169.2	15.6	82.4	1.1
PFISTER HYBRIDS 4470	158.7	135.4	169.0	15.1	83.8	0.5
DEKALB-PFIZER DK649		139.9	168.5	14.7	85.6	0.6
PIONEER BRAND 3343		141.4	168.5	13.9	85.2	1.1
THE NEW N-K S8505			168.4	16.1	95.8	0.0
ORO HYBRIDS ORO180		149.2	168.3	15.3	81.9	0.5
ADLERS 88X	155.3	137.7	167.1	16.5	85.2	1.8
THE NEW N-K N8727			166.9	16.0	82.4	1.7
ZIMMERMAN Z27	151.6	139.5	166.6	14.7	88.0	1.5
ASGROW/O'S GOLD RX908			136.6	164.8	15.7	87.0
FR27 X MO17	145.5	131.1	164.6	14.3	88.4	1.0
GLICK SEED GH80X		134.2	163.6	15.5	83.3	0.6
SUNBELT 1860			163.3	17.6	82.9	1.2
PIONEER BRAND 3378			161.9	14.9	83.8	1.6
HYPERFORMER HS97	156.5	142.4	161.8	15.8	90.3	5.1
CAVERNDALE FM. CF950			161.6	17.0	80.6	0.6
BECK'S 83X		122.4	161.5	15.9	88.9	0.0
PIONEER BRAND 3140		147.6	160.8	16.0	76.9	1.7
FUNK'S G-4666	159.5	141.8	160.5	16.0	86.6	2.2
SCOTT SEED LR5272			160.3	16.3	83.3	2.4
JACQUES 8210	135.9	120.8	159.6	15.7	87.5	0.0
HCCURDY 7477			159.5	15.4	82.4	2.8
STEWART HYBRIDS S-8815		145.9	159.5	16.0	80.6	0.6
STEWART HYBRIDS S-6973	140.0	119.8	159.4	14.8	74.5	1.7
AGRIGOLD A-6655	154.7	134.7	159.1	15.2	81.5	0.5
CARGILL 8527			159.0	15.4	88.9	2.1
ORO HYBRIDS ORO150		120.7	158.9	13.7	82.9	1.1
TERRA SEEDS TR364E		149.0	158.9	16.6	86.1	0.0
SO. STATES SS728	141.4	129.7	158.3	14.6	83.8	0.0
ZIMMERMAN Z36			157.5	15.9	90.7	0.6
TERRA SEEDS TR366E			157.5	16.1	82.9	0.6
GARST SEED N8350			157.4	16.5	81.9	0.0
ASGROW/O'S GOLD RX911			157.0	15.6	85.2	0.0
SO. STATES SS810	148.9	137.2	156.8	14.9	84.7	0.0
JACQUES 8400		131.1	156.8	17.1	80.1	0.6
CROW'S 670			156.5	15.0	72.7	0.6
ADLERS 6130			156.4	14.9	80.6	1.7
BO-JAC 675			156.3	15.4	79.2	0.6
CARGILL 8027		132.7	155.8	15.0	87.0	0.5
D&H SEEDS DH9116		123.6	155.1	16.1	85.6	0.0
AGRIPRO ST-7750	143.2	126.5	154.6	15.0	81.5	1.1
CROW'S 697			154.6	16.0	82.9	3.4
TERRA SEEDS TR363E			154.3	15.2	78.2	0.6
STEWART HYBRIDS 9013			152.9	14.9	83.3	4.4
COLBERT 326	143.0	133.2	152.2	15.6	79.2	0.0
SO. CROSS 411		121.4	152.1	14.8	88.4	0.6
SUPER CROST 5460	142.7	129.4	152.0	15.1	84.7	0.0

**TABLE 9.—QUICKSAND (continued)**

BRAND/HYBRID	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 87-89	BU/AC 88-89	BU/AC 1989	HOIST 1989	STAND 1989	LODGED 1989
<b>YELLOW HYBRIDS</b>						
D&H SEEDS DH7183	146.8	132.7	152.0	15.8	87.0	1.1
ZIMMERMAN Z20			151.7	15.7	78.7	0.0
JACQUES 7820			150.7	14.7	86.1	0.0
SCOTT SEED LR5241			150.5	15.3	82.9	1.7
LYNKS 2875			150.2	15.7	82.9	0.6
THE NEW N-K FX9581	141.4	131.0	150.1	16.7	85.2	0.0
SO. STATES SS847			149.2	16.1	84.3	0.6
GOLDEN AC. T-E 6998	156.0	129.3	149.2	16.1	76.9	0.0
SO. STATES SS844V			149.0	15.9	87.0	0.5
MCCURDY 7777		153.3	148.7	16.1	67.6	2.2
D&H SEEDS DH9120C			148.7	16.8	82.9	0.6
SCOTT SEED LR5260			148.3	16.1	74.5	0.6
MCCURDY 7700		136.3	147.6	16.2	87.0	1.6
CAVERNDALE FM. CF925			147.3	15.4	83.3	0.0
JACOBI 8850	134.2	123.5	147.2	15.4	81.5	8.9
BECK'S 64XA	137.0	127.2	146.8	13.3	88.0	1.6
JADER 316			145.8	14.7	83.8	1.2
JADER 119			145.8	16.3	78.7	0.0
AGRATECH 888			144.3	16.1	77.3	1.2
SO. STATES SS907			143.0	16.1	82.9	0.6
GARST SEED 8344	130.2	121.5	142.9	14.5	78.7	1.2
DEKALB-PFIZER DK689	156.8	135.6	142.7	16.1	89.8	0.0
FUNK'S G-4513			142.0	14.8	85.2	0.0
CROW'S 688	131.2	128.5	141.3	15.8	79.6	0.0
CROW'S 669			141.2	16.1	84.7	1.1
THE NEW N-K S8645			140.5	16.5	75.5	1.1
FR27 X LH38	129.5	114.9	138.1	13.9	84.3	0.5
AGRATECH GK900	137.0	119.9	137.7	16.3	85.6	0.6
JADER 315			137.2	14.7	87.0	0.5
SUPER CROST 7121			137.1	16.0	79.2	0.0
SO. CROSS 511	126.4	121.8	136.9	15.8	77.3	1.1
CAVERNDALE FM. CF6065		120.0	136.5	15.9	84.7	0.0
HYPERFORMER HS82			136.3	14.5	80.1	0.0
JACOBI 6720		128.8	135.8	16.5	80.1	3.3
HYPERFORMER HS88			135.2	15.8	81.0	3.0
GOLDEN AC. T-E 6996	143.5	127.0	134.3	16.6	81.5	0.6
LYNKS 2810			129.3	14.4	78.2	1.0
BO-JAC 905		133.2	129.0	15.9	61.6	1.4
AGRATECH GK750	132.1	120.5	128.3	14.9	79.2	1.7
JACOBI 6602			118.5	14.7	73.6	0.0
JACOBI 8901			110.0	16.1	68.5	0.0
STEWART HYBRIDS 8915			107.4	17.3	69.9	0.6
JACQUES 6770			99.3	12.8	71.8	0.5
GOLDEN ACRES GA8559			97.4	14.5	49.1	1.4
<b>YELLOW AVERAGE</b>	<b>146.7</b>	<b>134.7</b>	<b>155.0</b>	<b>15.5</b>	<b>82.2</b>	<b>1.0</b>
<b>WHITE HYBRIDS</b>						
THE NEW N-K N8110W			174.5	17.4	86.1	0.5
ZIMMERMAN Z14W	158.5	152.7	171.4	16.1	87.0	1.0
GARST SEED 8211W			169.7	14.1	79.6	0.6
ZIMMERMAN Z54W		139.3	169.0	15.8	90.7	2.0
SO. STATES SS917W		146.2	166.2	17.8	86.6	1.1
AGRIGOLD A-6795W	141.2	129.1	163.8	18.1	92.6	0.5
ZIMMERMAN Z16W			162.9	16.8	83.8	2.2
PIONEER BRAND 3144W	143.6	136.8	160.4	15.6	82.9	3.6
SUPER CROST W700			133.9	16.0	16.7	85.2
ASGROW/O'S GOLD RX956W	152.6	141.6	156.9	17.6	84.3	0.0
PIONEER BRAND 3283W		127.4	153.9	14.5	87.5	0.0
SPEC. GRAINS SGI 1300			136.5	14.9	79.6	0.5
AGRIGOLD A-6796W		113.2	130.9	17.0	86.6	1.6
NOBLEBEAR NBX796W			108.9	15.2	84.3	0.6
<b>WHITE AVERAGE</b>	<b>149.0</b>	<b>135.6</b>	<b>156.1</b>	<b>16.3</b>	<b>85.5</b>	<b>1.0</b>
<b>GRAND AVERAGE</b>	<b>146.9</b>	<b>134.8</b>	<b>155.1</b>	<b>15.6</b>	<b>82.6</b>	<b>1.0</b>
LSD (0.10)	16.5	20.5	27.9	0.9	11.9	2.1
C.V.			13.4	4.5	10.7	161.4

TABLE 10.—ANNUAL SUMMARY, ALL NON—VIRUS LOCATIONS, 1989

BRAND/HYBRID	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1989	MOIST 1989	STAND 1989	LODGED 1989
YELLOW HYBRIDS				
PIONEER BRAND 3295	177.2	18.5	80.7	2.3
GARST SEED 8315	172.5	19.1	83.7	2.5
BECK'S 72X	170.9	19.2	84.5	6.4
PIONEER BRAND 3140	170.2	19.6	79.6	2.9
DEKALB-PFIZER DK677	169.2	19.3	85.8	1.4
CARGILL 9427	168.2	19.8	82.1	2.2
PRAIRIE STREAM SX702	168.0	18.5	83.5	6.0
FR27 X PA91	166.7	21.2	80.8	4.4
THE NEW N-K N8727	165.5	20.6	83.0	2.9
ASGROW/O'S GOLD RX947	165.1	21.9	77.6	2.6
PIONEER BRAND 3378	163.9	17.8	79.5	2.6
PIONEER BRAND 3343	162.6	17.6	80.7	2.1
JACQUES 8210	162.2	20.0	83.2	1.7
THE NEW N-K S8505	162.0	19.5	83.9	3.3
AGRIGOLD A-6720	161.8	19.9	87.9	1.1
ASGROW/O'S GOLD RX908	161.8	19.9	81.1	2.9
ADLERS 6130	161.7	19.2	82.8	2.7
DEKALB-PFIZER DK711	161.5	21.0	80.1	1.9
COLBERT 326	161.0	19.1	81.3	3.8
GLICK SEED GH80X	160.9	19.6	85.4	2.7
ADLERS 88X	160.7	21.0	85.3	3.1
GARST SEED N8350	160.7	19.9	83.6	1.3
GLICK SEED GH82X	160.5	19.9	84.4	3.9
FR27 X M017	160.2	19.4	80.8	3.3
PRAIRIE STREAM SX726	160.1	20.7	80.6	2.7
ZIMMERMAN Z27	159.1	19.8	83.9	4.2
BECK'S 83X	158.6	20.5	82.7	3.3
LYNKS 2875	158.3	19.8	83.8	1.8
LYNKS DS642	158.2	18.8	78.5	2.8
AGRIGOLD A-6655	158.0	19.4	81.7	2.5
ORO HYBRIDS ORO180	157.9	19.1	80.6	2.5
THE NEW N-K S8645	157.8	19.7	80.8	2.1
SO. CROSS 611	157.7	19.0	75.8	8.4
ORO HYBRIDS ORO190	157.5	19.7	81.5	2.0
CAVERNDALE FM. CF950	157.4	21.3	80.5	3.2
PIONEER BRAND 3320	157.4	19.6	82.4	3.0
JACQUES 8400	157.0	21.8	80.5	3.3
CROW'S 670	156.9	19.7	77.0	3.3
MCCURDY 7777	156.8	19.9	71.6	2.8
COLBERT 313	156.5	18.7	84.8	2.4
MCCURDY 7477	156.4	19.8	82.2	1.7
GLICK SEED GH75X	155.7	19.1	81.7	2.6
STEWART HYBRIDS S-8815	155.5	19.6	83.7	1.8
ZIMMERMAN Z20	155.4	19.3	78.7	1.9
FUNK'S G-4666	155.4	20.3	84.0	1.6
CARGILL 8527	155.4	19.5	82.6	1.3
BO-JAC 905	155.0	19.4	78.3	2.3
DEKALB-PFIZER DK689	154.5	19.2	77.7	2.2
ORO HYBRIDS ORO150	154.4	18.5	79.5	1.9
STEWART HYBRIDS S-6973	153.7	18.9	77.2	5.7
ZIMMERMAN Z36	153.7	19.5	84.5	2.0
TERRA SEEDS TR366E	153.5	20.1	83.3	1.8
SUPER CROST 5460	153.4	18.7	83.7	2.2
DEKALB-PFIZER DK649	153.0	18.4	77.0	0.7
D&H SEEDS DH7183	152.8	20.0	84.5	2.8
COLBERT 345	152.6	21.1	82.6	3.8
TERRA SEEDS TR364E	152.4	20.0	79.5	1.4
AGRATECH 825	152.1	20.3	83.5	1.5
FUNK'S G-4513	151.6	19.0	84.2	1.4
PFISTER HYBRIDS 4470	151.4	19.2	77.3	4.2
ASGROW/O'S GOLD RX911	151.3	19.9	80.2	1.7
STEWART HYBRIDS 9013	151.3	19.4	70.8	3.0
CARGILL 8027	151.1	18.8	83.0	2.2
GOLDEN AC. T-E 6998	150.7	21.0	76.1	3.1
BO-JAC 9110	150.2	19.0	79.6	3.1
SCOTT SEED LR5272	150.2	21.3	82.8	1.6
BO-JAC 675	150.2	19.7	82.1	3.7
SCOTT SEED LR5241	150.0	19.2	78.5	3.3
SCOTT SEED LR5260	149.9	20.1	77.5	1.5
AGRATECH GK750	149.7	19.2	84.8	2.5

TABLE 10.—NON-VIRUS LOCATIONS (continued)

BRAND/HYBRID	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 1989	MOIST 1989	STAND 1989	LODGED 1989
YELLOW HYBRIDS				
CAVERNDALE FH. CF925	149.5	19.2	80.8	1.7
THE NEW N-K PX9581	149.4	20.6	79.6	3.3
GOLDEN AC. T-E 6996	149.3	21.8	78.4	2.4
SO. STATES SS728	149.3	18.8	82.4	2.5
D&H SEEDS DH9120C	149.1	21.1	80.0	2.4
HYPERFORMER HS97	149.0	19.8	82.9	3.3
JACQUES 7820	148.9	18.6	81.5	1.5
MCCURDY 7700	148.8	19.1	80.4	2.1
AGRATECH GK900	148.3	20.9	76.1	2.1
SO. STATES SS810	148.1	18.5	80.5	2.9
D&H SEEDS DH9116	148.0	20.8	83.3	1.6
SUNBELT 1860	147.9	23.1	81.5	2.0
AGRIPRO ST-7750	147.6	19.4	79.7	1.9
TERRA SEEDS TR363E	147.2	19.7	75.0	1.7
SO. STATES SS847	146.9	19.7	80.7	1.9
HYPERFORMER HS88	146.1	21.1	76.3	4.2
JADER 315	145.9	19.4	79.8	1.3
BECK'S 64XA	145.8	17.4	79.0	2.0
SO. STATES SS907	145.2	20.2	79.7	0.9
AGRATECH 888	144.7	19.8	80.2	3.2
SO. CROSS 411	144.0	18.8	79.9	1.4
JACOBI 8850	143.3	19.5	77.5	6.7
GARST SEED 8344	142.8	19.0	77.4	2.7
CROW'S 688	142.4	19.8	74.4	2.4
CROW'S 669	142.0	19.9	77.5	1.9
JACOBI 6720	141.8	21.1	71.1	3.2
CROW'S 697	141.7	19.0	74.7	2.6
JADER 316	141.4	18.7	75.8	1.9
SO. STATES SS844V	140.8	21.1	77.0	4.9
CAVERNDALE FH. CF6065	139.3	20.8	75.4	2.3
LYNKS 2810	139.1	18.8	79.8	2.7
SO. CROSS 511	137.5	20.0	70.4	2.7
JADER 119	137.4	19.2	76.5	1.6
GOLDEN ACRES GA8559	136.6	19.5	71.5	2.0
JACOBI 8901	136.5	20.0	76.8	1.1
SUPER CROST 7121	134.2	19.5	71.2	1.9
HYPERFORMER HS82	130.6	18.8	77.1	3.1
JACOBI 6602	129.2	18.6	69.6	1.7
FR27 X LH38	128.5	18.0	74.2	3.2
JACQUES 6770	127.6	16.9	75.3	4.1
STEWART HYBRIDS 8915	111.7	21.1	62.4	4.8
YELLOW AVERAGE	152.1	19.7	79.8	2.7
WHITE HYBRIDS				
PIONEER BRAND 3144W	168.2	19.7	80.3	5.3
GARST SEED 8211W	165.4	19.2	82.9	3.1
SO. STATES SS917W	163.8	22.3	83.8	4.1
THE NEW N-K N8110W	159.3	21.4	83.1	3.3
ZIMMERMAN Z16W	157.8	22.3	80.5	2.6
ASGROW/O'S GOLD RX956W	156.9	21.6	81.9	3.9
AGRIGOLD A-6795W	156.5	21.9	82.5	4.3
ZIMMERMAN Z14W	156.4	22.3	82.6	3.7
SPEC. GRAINS SGI 1300	156.3	19.7	80.1	2.9
SUPER CROST W700	154.4	21.3	76.9	3.5
ZIMMERMAN Z54W	152.7	21.1	81.5	3.8
PIONEER BRAND 3283W	151.5	17.8	83.4	1.0
AGRIGOLD A-6796W	150.7	20.7	81.9	4.3
NOBLEBEAR NBX796W	129.7	20.2	78.5	2.3
WHITE AVERAGE	155.7	20.8	81.4	3.4
GRAND AVERAGE	152.5	19.8	79.9	2.7
LSD (0.10)	10.6	0.6	4.7	1.6

**TABLE 11.—TWO-YEAR SUMMARY (continued)**

BRAND/HYBRID	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 88-89	MOIST 88-89	STAND 88-89	LODGED 88-89
<b>YELLOW HYBRIDS</b>				
JACOBI 6720	120.4	20.3	76.5	4.1
ORO HYBRIDS ORO150	120.3	18.2	76.4	3.1
CROW'S 688	120.3	19.5	78.3	6.6
SO. CROSS 511	119.8	19.5	76.4	3.9
CAVERNDALE FH. CF6065	119.1	20.6	77.0	3.9
GARST SEED 8344	118.6	18.5	81.8	3.1
SO. STATES SS728	118.4	18.6	82.5	3.4
SO. CROSS 411	114.8	18.6	80.7	4.2
D&H SEEDS DH9116	113.9	20.1	79.6	2.5
FR27 X LH38	104.8	17.8	75.8	4.1
<b>YELLOW AVERAGE</b>	<b>126.9</b>	<b>19.4</b>	<b>81.4</b>	<b>4.2</b>
<b>WHITE HYBRIDS</b>				
PIONEER BRAND 3144W	139.4	19.9	81.3	5.0
ZIMMERMAN Z14W	129.5	22.1	83.8	6.8
SO. STATES SS917W	129.0	21.9	84.1	6.3
ASGROW/O'S GOLD RX956W	125.1	21.6	83.4	5.1
SUPER CROST W700	124.7	21.3	82.2	7.3
ZIMMERMAN Z54W	123.6	21.2	83.9	5.3
AGRIGOLD A-6795W	120.2	21.7	83.7	8.5
AGRIGOLD A-6796W	117.1	21.1	83.7	5.0
PIONEER BRAND 3283W	115.0	18.0	84.3	2.2
<b>WHITE AVERAGE</b>	<b>124.8</b>	<b>21.0</b>	<b>83.4</b>	<b>5.7</b>
<b>GRAND AVERAGE</b>	<b>126.6</b>	<b>19.6</b>	<b>81.7</b>	<b>4.4</b>
<b>LSD (0.10)</b>	<b>7.1</b>	<b>0.5</b>	<b>3.1</b>	<b>1.8</b>

TABLE 11.—TWO-YEAR SUMMARY, NON-VIRUS LOCATIONS,  
1988-1989.

BRAND/HYBRID	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 88-89	MOIST 88-89	STAND 88-89	LODGED 88-89
YELLOW HYBRIDS				
PIONEER BRAND 3140	143.3	19.6	80.2	2.8
GARST SEED 8315	141.8	18.9	85.2	6.2
PIONEER BRAND 3295	139.3	19.3	83.5	3.4
MCCURDY 7777	138.6	20.2	78.8	2.9
CARGILL 9427	138.1	20.1	82.6	4.8
COLBERT 326	137.5	18.9	84.3	5.8
PRAIRIE STREAM SX702	135.6	18.4	84.4	9.2
BECK'S 72X	134.9	19.1	85.6	6.7
PIONEER BRAND 3320	134.6	19.6	86.4	3.5
ASGROW/O'S GOLD RX908	133.4	19.8	80.9	2.7
FR27 X PA91	132.8	20.6	80.5	5.9
FUNK'S G-4666	132.0	19.9	85.8	2.0
DEKALB-PFIZER DK711	130.6	20.5	81.3	3.5
TERRA SEEDS TR364E	130.6	19.9	82.5	2.2
ZIMMERMAN Z27	130.6	19.5	85.5	8.3
DEKALB-PFIZER DK689	130.1	19.6	81.5	3.9
LYNKS DS642	129.8	18.6	81.7	6.5
GOLDEN AC. T-E 6996	129.5	21.1	80.0	4.0
ORO HYBRIDS ORO180	129.3	18.5	83.1	5.3
PIONEER BRAND 3343	129.1	18.1	82.0	2.3
BO-JAC 905	129.0	19.8	76.6	2.0
JACQUES 8400	128.3	21.2	84.2	7.0
MCCURDY 7700	128.3	19.4	81.0	2.1
HYPERFORMER HS97	128.1	19.7	79.4	2.7
STEWART HYBRIDS S-8815	127.9	20.0	85.1	2.4
AGRIGOLD A-6655	127.8	19.6	81.5	3.3
D&H SEEDS DH7183	127.5	19.4	83.7	5.5
ADLERS 88X	127.4	20.2	85.2	4.1
GLICK SEED GH80X	126.9	19.0	86.3	3.6
DEKALB-PFIZER DK649	126.8	18.8	75.9	1.3
BECK'S 83X	126.8	20.1	83.4	3.5
PFISTER HYBRIDS 4470	125.8	18.7	78.2	5.8
THE NEW N-K PX9581	125.5	19.4	82.6	6.3
BECK'S 64XA	125.3	17.6	82.4	3.5
AGRIPRO ST-7750	125.3	19.5	82.9	1.9
GOLDEN AC. T-E 6998	124.6	20.3	79.5	6.1
COLBERT 345	124.3	20.5	83.3	8.7
JACQUES 8210	124.1	19.5	83.3	4.1
AGRATECH GK900	123.9	20.7	74.7	5.1
FR27 X M017	123.8	18.5	81.2	4.8
AGRATECH 825	123.5	19.8	84.4	3.2
SO. STATES SS810	123.1	18.8	80.7	2.8
STEWART HYBRIDS S-6973	122.8	19.0	75.7	5.9
SUPER CROST 5460	122.8	18.6	83.1	3.2
CARGILL 8027	122.4	18.7	85.0	2.3
COLBERT 313	122.0	18.6	83.6	2.5
JACOBI 8850	121.5	20.0	77.3	5.5
AGRATECH GK750	120.9	19.0	82.3	2.7

**TABLE 12.—THREE-YEAR SUMMARY, NON-VIRUS LOCATIONS,  
1987-1989.**

BRAND/HYBRID	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 87-89	MOIST 87-89	STAND 87-89	LODGED 87-89
<b>YELLOW HYBRIDS</b>				
PIONEER BRAND 3295	148.8	17.7	86.2	3.7
PRAIRIE STREAM SX702	147.0	17.0	86.2	8.2
PIONEER BRAND 3320	145.1	18.1	89.0	3.1
COLBERT 326	144.8	17.7	86.7	4.8
CARGILL 9427	144.7	18.5	85.9	3.9
DEKALB-PFIZER DK689	144.1	17.9	83.0	3.2
FR27 X PA91	143.7	19.0	83.0	4.9
ZIMMERMAN Z27	143.1	17.8	86.2	6.4
LYNKS DS642	142.5	17.3	84.2	5.2
FUNK'S G-4666	142.3	18.2	87.6	2.0
AGRIGOLD A-6655	142.3	17.9	85.0	3.0
HYPERFORMER HS97	141.5	18.1	83.5	2.5
PFISTER HYBRIDS 4470	140.9	17.5	82.1	4.7
GOLDEN AC. T-E 6998	140.7	18.8	82.2	5.2
GOLDEN AC. T-E 6996	139.3	19.6	80.6	3.3
ADLERS 88X	139.3	18.8	86.9	3.8
STEWART HYBRIDS S-6973	138.6	17.5	79.8	5.1
COLBERT 345	137.4	19.2	85.1	7.1
DEKALB-PFIZER DK711	137.3	19.0	82.5	3.0
D&H SEEDS DH7183	136.9	18.4	84.5	4.7
BECK'S 64XA	136.2	16.0	84.6	2.8
AGRIPRO ST-7750	135.7	18.0	84.2	1.8
FR27 X MO17	135.5	17.2	84.6	4.4
THE NEW N-K PX9581	135.1	18.3	84.3	5.7
JACQUES 8210	135.0	18.1	85.4	3.5
AGRATECH GK900	133.9	19.1	79.5	4.7
SUPER CROST 5460	133.4	17.7	86.0	2.5
SO. STATES SS810	132.5	17.4	84.2	2.5
AGRATECH GK750	129.5	17.7	85.5	2.3
SO. STATES SS728	129.3	17.4	85.2	2.9
CROW'S 688	128.9	18.3	81.2	5.6
JACOBI 8850	128.6	18.3	80.0	4.7
GARST SEED 8344	128.5	17.4	84.3	2.6
SO. CROSS 511	127.1	18.3	74.8	3.4
FR27 X LH38	116.0	16.5	78.9	3.5
<b>YELLOW AVERAGE</b>	<b>137.3</b>	<b>18.0</b>	<b>83.8</b>	<b>4.0</b>
<b>WHITE HYBRIDS</b>				
PIONEER BRAND 3144W	149.1	18.2	82.1	4.1
ZIMMERMAN Z14W	140.3	20.4	84.7	5.8
ASGROW/O'S GOLD RX956W	134.0	20.2	83.9	4.4
AGRIGOLD A-6795W	132.1	20.1	86.6	7.2
<b>WHITE AVERAGE</b>	<b>138.9</b>	<b>19.7</b>	<b>84.3</b>	<b>5.4</b>
<b>GRAND AVERAGE</b>	<b>137.5</b>	<b>18.2</b>	<b>83.9</b>	<b>4.2</b>
LSD (0.10)	6.1	0.4	2.3	1.4

TABLE 13.—CORN VIRUS TEST, HENDERSON

BRAND/HYBRID	YIELD	YIELD	YIELD	AVG %	AVG %	TOTAL %
	BU/AC 87-89	BU/AC 88-89	BU/AC 1989	1989	1989	1989
YELLOW HYBRIDS						
AGRATECH 888	106.2	111.0	127.4	15.2	92.6	2.9
DEKALB-PFIZER DK689	111.2	115.0	124.6	15.2	93.5	1.4
PIONEER BRAND 3187	105.6	109.3	123.9	15.4	91.7	5.5
THE NEW N-K 8696	95.7	102.1	121.9	17.5	91.2	5.0
BO-JAC 905	115.5	123.7	120.8	14.9	94.9	2.9
TERRA INT'L. TR401E		110.8	118.1	19.0	96.8	4.3
HUBNER SEED H3717		124.4	116.7	15.6	91.2	3.0
GARST SEED 8180		116.9	116.3	14.6	88.0	9.6
HYPERFORMER HS97			115.5	14.0	88.4	5.7
SO. STATES EX19418V			115.1	14.2	89.8	3.6
AGRIPRO ST-7750	105.1	106.8	114.5	16.2	91.7	1.0
JACOBI EX9251			114.3	17.0	92.6	3.5
THE NEW N-K S8645	105.1	113.5	114.0	14.4	94.0	2.0
GOLDEN ACRES GA35795			114.0	17.2	85.2	2.7
SUPER CROST 7195	105.8	108.5	113.5	15.1	84.3	0.6
AGRATECH GK900	100.6	109.4	112.9	15.8	87.0	3.2
CARGILL 8527		110.3	112.4	14.6	96.3	5.7
FUNK'S G-4666	111.0	118.0	112.4	15.0	88.0	2.2
AGRATECH EX8910			112.3	18.4	90.3	1.0
FUNK'S EX6096X			112.1	16.4	93.1	1.4
JACOBI CX92	100.4	104.1	111.6	17.2	85.6	3.8
GOLDEN AC. T-E 6997	105.3	106.7	111.6	15.6	87.0	4.9
CROW'S 675	74.7	91.2	111.5	14.9	91.7	4.6
ORO HYBRIDS ORO151		106.6	110.5	15.8	84.3	5.6
ASGROW/O'S GOLD 3344	88.6	91.9	110.0	14.6	92.1	3.1
ASGROW/O'S GOLD XP9519			109.6	16.3	93.1	0.5
LYNKS LX4521	107.2	108.2	109.2	15.4	88.9	5.7
CHECK HYBRID YELLOW	85.5	95.2	107.8	15.8	88.9	0.5
DEKALB-PFIZER DK649		106.5	107.0	13.5	89.8	1.0
JACQUES 8250	101.1	106.2	106.7	14.7	86.1	2.2
ASGROW/O'S GOLD RX911			106.7	14.9	92.1	2.0
MCCURDY 7700	94.9	91.0	106.2	14.5	82.4	2.3
HYPERFORMER HS889			106.1	15.5	93.5	6.9
MCCURDY 7777	102.4	111.7	105.8	15.9	76.9	3.6
GARST SEED 8116	112.8	117.2	105.2	15.2	88.9	4.2
ZIMMERMAN Z33		93.4	104.4	18.2	92.6	1.5
FUNK'S G-4868			104.4	20.5	88.4	0.5
JACQUES 9220		105.3	104.0	15.8	87.0	1.6
SO. STATES SS814V		100.4	103.5	16.7	93.5	4.0
SO. STATES EX17411V			103.5	17.6	84.3	3.9
JACOBI 9250	105.4	111.4	103.4	16.2	78.7	7.2
SUPER CROST 5995	93.2	104.5	99.5	15.5	84.3	3.2
JACOBI 8950	105.6	106.2	99.0	15.7	83.3	4.4
SO. STATES SS844V	104.5	100.4	98.7	14.9	86.6	2.5
FUNK'S EX8018X			98.5	19.9	86.6	1.6
ASGROW/O'S GOLD RX947			98.4	16.7	89.4	1.0
DEKALB-PFIZER DK789	96.3	88.7	96.9	16.7	88.4	2.7
D&H SEEDS DH7150	75.4	84.4	96.8	14.5	92.6	4.0
GOLDEN ACRES GA35788			95.0	17.6	86.6	3.2
BECK'S 85MDH	98.9	102.7	94.8	16.6	92.1	6.1
PIONEER BRAND 3147	101.5	103.0	94.1	15.6	85.6	4.3
ORO HYBRIDS EX801			92.5	16.2	68.1	1.9
JACQUES 8280	81.2	84.9	91.7	17.3	81.9	0.7
PFISTER HYBRIDS 4444	82.5	81.7	91.0	14.3	88.4	7.3
CAVERNDALE FM. CF900		102.5	89.3	15.6	83.8	5.5
ZIMMERMAN Z35	100.0	94.9	85.5	14.9	80.1	1.6
SUNBELT 1860			80.6	18.7	89.4	4.6
D&H SEEDS DH9225		81.6	78.6	16.9	94.0	7.5
JACOBI EX8975			72.8	16.1	59.3	1.7
HYPERFORMER HS60	65.1	67.1	43.6	16.8	24.5	0.0
YELLOW AVERAGE	98.3	103.0	104.6	16.0	86.9	3.3
WHITE HYBRIDS						
CHECK HYBRID WHITE	100.9	102.7	119.0	17.2	88.0	4.2
AGRIGOLD A-6796W		110.4	112.8	16.6	95.8	3.4
SO. STATES SS917W	93.3	95.1	109.0	17.2	91.7	4.6
ZIMMERMAN Z17W			104.0	15.6	89.8	3.0
WHITE AVERAGE	97.1	102.7	111.2	16.6	91.3	3.8
GRAND AVERAGE	98.2	103.0	105.1	16.1	87.1	3.4
LSD (0.10)	13.4	16.3	18.0	1.1	7.0	3.5
C.V.			12.8	5.1	6.0	78.2



TABLE 13.—CORN VIRUS TEST, HENDERSON

BRAND/HYBRID	YIELD BU/AC 87-89	YIELD BU/AC 88-89	YIELD BU/AC 1989	AVG % MOIST 1989	AVG % STAND 1989	TOTAL % LODGED 1989
YELLOW HYBRIDS						
AGRATECH 888	106.2	111.0	127.4	15.2	92.6	2.9
DEKALB-PFIZER DK689	111.2	115.0	124.6	15.2	93.5	1.4
PIONEER BRAND 3187	105.6	109.3	123.9	15.4	91.7	5.5
THE NEW N-K 8696	95.7	102.1	121.9	17.5	91.2	5.0
BO-JAC 905	115.5	123.7	120.8	14.9	94.9	2.9
TERRA INT'L. TR401E		110.8	118.1	19.0	96.8	4.3
HUBNER SEED H3717		124.4	116.7	15.6	91.2	3.0
GARST SEED 8180		116.9	116.3	14.6	88.0	9.6
HYPERFORMER HS97			115.5	14.0	88.4	5.7
SO. STATES EX19418V			115.1	14.2	89.8	3.6
AGRIPRO ST-7750	105.1	106.8	114.5	16.2	91.7	1.0
JACOBI EX9251			114.3	17.0	92.6	3.5
THE NEW N-K S8645	105.1	113.5	114.0	14.4	94.0	2.0
GOLDEN ACRES GA35795			114.0	17.2	85.2	2.7
SUPER CROST 7195	105.8	108.5	113.5	15.1	84.3	0.6
AGRATECH GK900	100.6	109.4	112.9	15.8	87.0	3.2
CARGILL 8527		110.3	112.4	14.6	96.3	5.7
FUNK'S G-4666	111.0	118.0	112.4	15.0	88.0	2.2
AGRATECH EX8910			112.3	18.4	90.3	1.0
FUNK'S EX6096X			112.1	16.4	93.1	1.4
JACOBI CX92	100.4	104.1	111.6	17.2	85.6	3.8
GOLDEN AC. T-E 6997	105.3	106.7	111.6	15.6	87.0	4.9
CROW'S 675	74.7	91.2	111.5	14.9	91.7	4.6
ORO HYBRIDS ORO151		106.6	110.5	15.8	84.3	5.6
ASGROW/O'S GOLD 3344	88.5	91.9	110.0	14.6	92.1	3.1
ASGROW/O'S GOLD XP9519			109.6	16.3	93.1	0.5
LYNKS LX4521	107.2	108.2	109.2	15.4	88.9	5.7
CHECK HYBRID YELLOW	85.5	95.2	107.8	15.8	88.9	0.5
DEKALB-PFIZER DK649		106.5	107.0	13.5	89.8	1.0
JACQUES 8250	101.1	106.2	106.7	14.7	86.1	2.2
ASGROW/O'S GOLD RX911			106.7	14.9	92.1	2.0
MCCURDY 7700	94.9	91.0	106.2	14.5	82.4	2.3
HYPERFORMER HS889			106.1	15.5	93.5	6.9
MCCURDY 7777	102.4	111.7	105.8	15.9	76.9	3.6
GARST SEED 8116	112.8	117.2	105.2	15.2	88.9	4.2
ZIMMERMAN Z33		93.4	104.4	18.2	92.6	1.5
FUNK'S G-4868			104.4	20.5	88.4	0.5
JACQUES 9220		105.3	104.0	15.8	87.0	1.6
SO. STATES SS814V		100.4	103.5	16.7	93.5	4.0
SO. STATES EX17411V			103.5	17.6	84.3	3.9
JACOBI 9250	105.4	111.4	103.4	16.2	78.7	7.2
SUPER CROST 5995	93.2	104.5	99.5	15.5	84.3	3.2
JACOBI 8950	105.6	106.2	99.0	15.7	83.3	4.4
SO. STATES SS844V	104.5	100.4	98.7	14.9	86.6	2.5
FUNK'S EX8018X			98.5	19.9	86.6	1.6
ASGROW/O'S GOLD RX947			98.4	16.7	89.4	1.0
DEKALB-PFIZER DK789	96.3	88.7	96.9	16.7	88.4	2.7
D&H SEEDS DH7150	75.4	84.4	96.8	14.5	92.6	4.0
GOLDEN ACRES GA35788			95.0	17.6	86.6	3.2
BECK'S 85MDM	98.9	102.7	94.8	16.6	92.1	6.1
PIONEER BRAND 3147	101.5	103.0	94.1	15.6	85.6	4.3
ORO HYBRIDS EX801			92.5	16.2	68.1	1.9
JACQUES 8280	81.2	84.9	91.7	17.3	81.9	0.7
PFISTER HYBRIDS 4444	82.5	81.7	91.0	14.3	88.4	7.3
CAVERDALE FH. CF900		102.5	89.3	15.6	83.8	5.5
ZIMMERMAN Z35	100.0	94.9	85.5	14.9	80.1	1.6
SUNBELT 1860			80.6	18.7	89.4	4.6
D&H SEEDS DH9225		81.6	78.6	16.9	94.0	7.5
JACOBI EX8975			72.8	16.1	59.3	1.7
HYPERFORMER HS60	65.1	67.1	43.6	16.8	24.5	0.0
YELLOW AVERAGE	98.3	103.0	104.6	16.0	86.9	3.3
WHITE HYBRIDS						
CHECK HYBRID WHITE	100.9	102.7	119.0	17.2	88.0	4.2
AGRIGOLD A-6796W		110.4	112.8	16.6	95.8	3.4
SO. STATES SS917W	93.3	95.1	109.0	17.2	91.7	4.6
ZIMMERMAN Z17W			104.0	15.6	89.8	3.0
WHITE AVERAGE	97.1	102.7	111.2	16.6	91.3	3.8
GRAND AVERAGE	98.2	103.0	105.1	16.1	87.1	3.4
LSD (0.10)	13.4	16.3	18.0	1.1	7.0	3.5
C.V.			12.8	5.1	6.0	78.2

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