

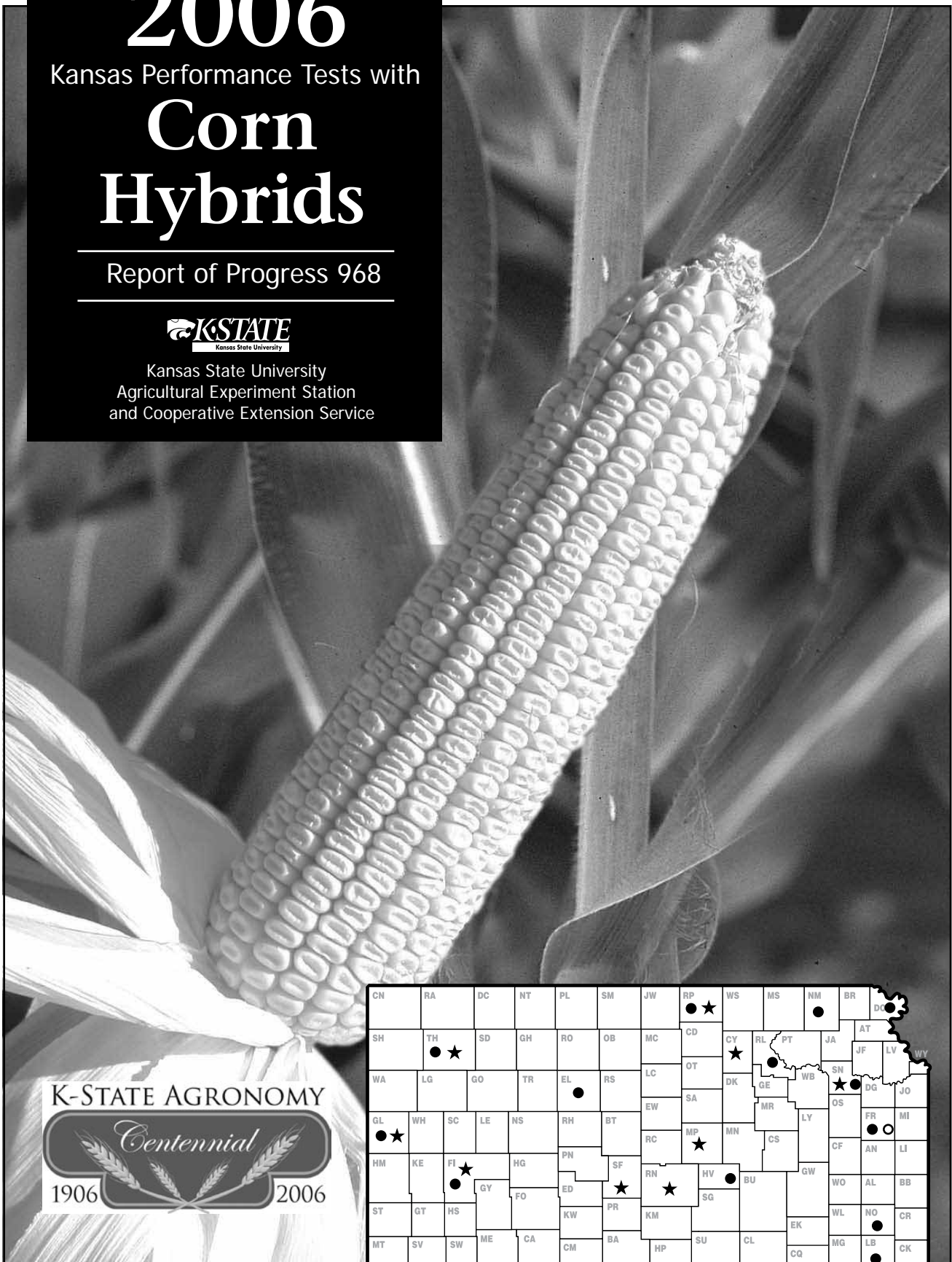
2006

Kansas Performance Tests with Corn Hybrids

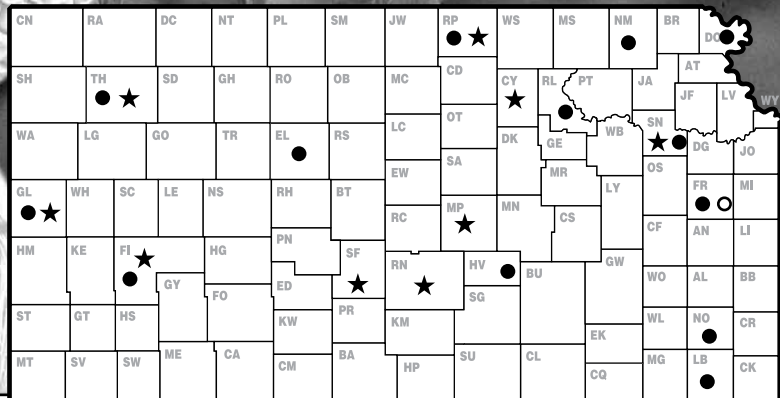
Report of Progress 968



Kansas State University
Agricultural Experiment Station
and Cooperative Extension Service



K-STATE AGRONOMY



● standard dryland ○ short-season dryland ★ irrigated

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2006 CORN CROP REVIEW

Statewide Growing Conditions

The 2006 growing season started under less-than-ideal conditions, when scattered rains in late March did not go far toward alleviating the topsoil moisture deficit in 95% of the acreage in the state (Figure 1). April, May, and June were generally hot, dry and windy, although some areas did receive isolated showers. Extended dry and very hot periods in July and early August severely stressed the corn, causing premature death or early cutting for forage in many cases. Late-August rains and cooler temperatures helped later-maturing fields, but provided little benefit to the portion of the crop that had already matured.

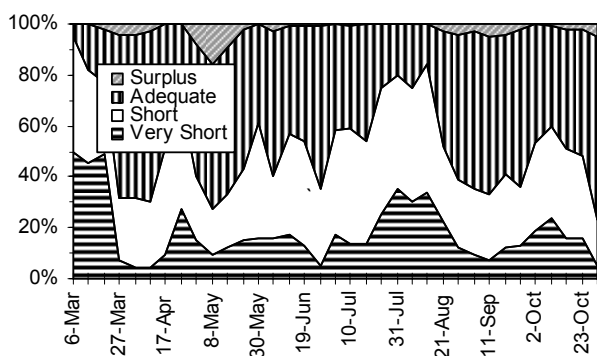


Figure 1. Statewide status of topsoil moisture.

The condition of the corn crop was closely tied to the pattern of precipitation (Figure 2). Corn that was classified as good to excellent was mostly concentrated in the southeast portion of the state that received isolated showers throughout the growing season. Fields in the west and southwest were typically the most severely stressed. The condition of all of the corn throughout the state declined from late June until August during the extended hot and dry period. As harvest was under way in October, 68% of the crop was classified as fair to very poor. (Crop-Weather Reports, Kansas Agricultural Statistics, Topeka)

Diseases

The condition of the 2006 crop was somewhat dependent on where the corn was grown in the state. Southeastern Kansas had excellent growing conditions until the end of the season and had little disease pressure. Where environmental stress was high, such as in southwestern Kansas, stalk rots developed late in the season, even in irrigated corn. Because of the severity of stalk rot across the state, disease losses were above the long-term average.

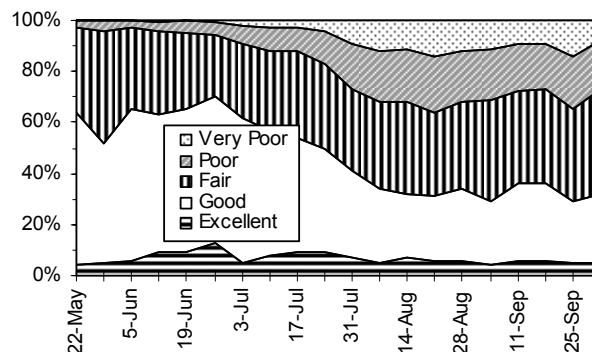


Figure 2. Condition of 2006 Kansas corn crop.

Some southern rust developed to high levels in many parts of the state, but generally came in late enough that yields were not sufficiently threatened to require spraying.

Charcoal rot was prevalent in parts of the state where corn was under more severe drought stress. Where the corn died prematurely, saprophytic molds began to develop on the dead plant tissue once the rains began, giving the plants a blackened appearance. This resulted in many “black clouds” following the combines.

There were scattered reports of gray leaf spot and ear molds in the state. Some fields had aflatoxin above threshold levels, but this was not widespread. Several samples of *Diplodia* ear rot were received in the Plant Disease Diagnostic Lab. These samples generally originated from the northeastern part of the state.

(Doug Jardine, Kansas State University Department of Plant Pathology)

Insects

Few early-season problems were noted. No reports of black cutworms or European corn borers were received. Corn rootworm populations were about average. Second generation European corn borer infestations were more evident in 2006 than in the previous five years, but still remained low. Second-generation southwestern corn borers and spider mites continued to cause problems in southwestern Kansas. Southwestern corn borers have successfully overwintered in north-central Kansas since 1999, and have started to cause considerable concern in that area. Whether they will continue this overwintering success throughout the state remains to be determined.

(Jeff Whitworth, Kansas State University Department of Entomology)

Harvest Statistics

The October 12 Crops Report predicted a 387.5-million-bushel crop, down 17% from last year (Figure 3). In 2006, 3.15 million acres were harvested, down 9% from 2005. The predicted average yield of 123 bushels per acre is 12 bushels less than the previous year. (Kansas Agricultural Statistics)

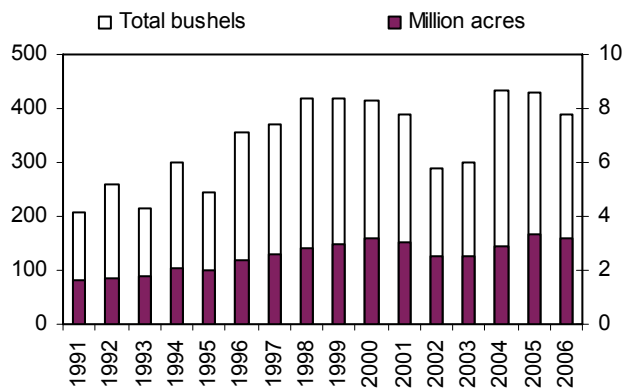


Figure 3. Historical Kansas corn production.

2006 PERFORMANCE TESTS

Objectives and Procedures

Corn Performance Tests, conducted annually by the Kansas Agricultural Experiment Station, provide farmers, extension workers, and seed industry personnel with unbiased agronomic information on many of the corn hybrids marketed in the state. Entry fees from private seed companies help finance the tests. Seed companies receive test announcements and entry forms in late January each year; deadlines for receipt of completed entry forms and seed are in early March. Because entry selection and location are voluntary, not all hybrids grown in the state are included in tests, and the same group of hybrids is not grown uniformly at all test locations.

Short-season corn performance tests target hybrids for early-planted, short-season cropping systems. These systems typically are used on soils with poor water-holding capacities, often subjecting the hybrids to severe heat and drought stress in July and August. Early-maturing hybrids can escape a good portion of the typical stress if they are planted early.

A summary of growing-season weather data is given in individual test discussions. These data are from the nearest weather-reporting station and often are supplemented with information from the test site. Precipitation graphs include cumulative lines for 2006 and the 30-year normal, in addition to the daily rainfall amounts since last fall. Temperature graphs include daily maximum and minimum temperatures compared

with normal. General trends in precipitation and temperature relative to normal are readily observed in the graphs. A table with monthly totals and averages for the growing season also is included.

The growth unit or growing-degree-day concept was developed to measure the amount of heat available for growth and maturation. To calculate the daily accumulation, add the maximum and minimum temperatures for each day, divide by 2, and subtract a base temperature of 50. Any temperature below 50°F was considered to be 50, and any temperature over 86°F was considered 86.

Explanatory information is given preceding data summaries for each test. Tables 2 through 24 contain results from the individual performance tests. Hybrids are listed in order of increasing days to half silk and increasing grain moisture for the current year, so hybrids of similar maturity are shown together. Many companies submit seed treated with systemic insecticides (Cruiser, Maxim, Poncho) that can affect yield in some situations. A column listing insecticide seed treatments for each hybrid is included to help interpret yield results.

Figures 4 through 8 graphically summarize yield and maturity information over the past few years for each region. In these figures, hybrid performance is standardized by using the average of two check hybrids present in every test. The number beside each bar shows the number of tests in which a given hybrid was compared with the check hybrids. In general, the greater the number of comparisons, the greater confidence one can place in the stated performance of that hybrid. Symbols beside each bar indicate if a hybrid was significantly greater (+) or lower (-) than the average of the check hybrids. As with individual test results, small differences should not be overemphasized. Relative ranking and large differences are better indicators of performance.

Most corn tests were planted at a rate 10% to 20% in excess of the desired population and thinned only to remove doubles. Planting to stand enables evaluation of product performance for the entire growing season.

Four plots (replications) of each hybrid were grown at each location in a randomized complete-block design. Each harvested plot consisted of two rows trimmed to a specific length, ranging from 20 to 30 feet at the different locations. Four-row plots were used at some locations where drought stress is common. Tests were harvested with specialized plot combines equipped with automatic weighing and sampling devices.

Grain yields are reported as bushels per acre of shelled grain (56 lbs/bu) adjusted to a moisture content of

15.5%. Yields also are presented as percentage of test average to speed recognition of highest-yielding hybrids. Hybrids yielding more than 100% of the test average year after year merit consideration. Adaptation to individual farms for appropriate maturity, stalk strength, and other factors also must be considered.

The percentage of lodged stalks is reported when appropriate. Plants broken over below the ear and dropped ears were considered lodged, although most were harvestable with modern machinery. Severely lodged stalks or dropped ears that could not be picked up by normal harvest procedures were not included in yield. Because harvest often is delayed until latest-maturing entries are ripe, early and mid-season hybrids could lose ears simply because they must wait well past their optimum harvest date. In most years at most locations, dropped ears constitute a very small portion of lodging and do not significantly affect yields.

Relative maturity is measured in terms of both number of days from planting to silking and grain moisture at harvest. Entries are listed in order of increasing maturity based on days to silking and harvest moisture in the current year to facilitate comparison of hybrids of like maturity. Maturity can be critical when considering a corn hybrid for a specific cropping system.

Small differences in yield or other characteristics should not be overemphasized. Least significant differences (LSDs) are shown at the bottom of each table. Unless two entries differ by at least the LSD shown, little confidence can be placed in one being superior to the other. Yield values in the top LSD group in each test are highlighted in bold. The coefficient of variability (CV) can be used in combination with the LSD to estimate the degree of confidence one can have in published data from replicated tests.

Table 1. Companies entering hybrids in the 2006 Kansas Corn Performance Tests.

<p>AgSource Seeds, Inc. Nevada, IA 515-382-8880 agsourceseeds.com</p>	<p>Golden Acres Waco, TX 800-692-6848 gaseed.com</p>	<p>Midland Genetics Group Ottawa, KS 800-819-SEED midlandgenetics.com</p>	<p>Phillips Seed Farms (Midland-Phillips, Phillips) Hope, KS 800-643-4340 info@phillipsseed.com</p>
<p>Circle Seed Co. Dike, IA 866-384-5542</p>	<p>Grand Valley Hybrids Grand Junction, CO 970-243-3115 grandvalleyhybrids.com</p>	<p>Midwest Seed Genetics Carroll, IA 800-369-8218 midwestseed.com</p>	<p>Pioneer, A DuPont Company Amarillo, TX 800-258-5604 Pioneer.com</p>
<p>CroPlan Genetics St. Paul, MN 800-851-8810 croplangenetics.com</p>	<p>Hawkeye Hybrids, Inc. Pella, IA 641-628-3827 hawkeyeh@lisco.net</p>	<p>Monsanto Seed (Asgrow/DeKalb) St. Louis, MO 800-833-5252 monsanto.com</p>	<p>Premium Seed, Inc. Berwick, IL 309-462-2396 premiumseed.com</p>
<p>Dyna-Gro Kearny, NE 308-237-5194 Uap.com</p>	<p>High Plains Hybrids Hugoton, KS 800-848-1988 jkramer@pld.com</p>	<p>Mycogen Seeds Indianapolis, IN 1-800-MYCOGEN mycogen.com</p>	<p>Producers Hybrids Battle Creek, NE 402-675-2975 producershybrids.com</p>
<p>Fielder's Choice Direct Monticello, IN 800-321-3177 fielderschoicedirect.com</p>	<p>Kruger Seed Co. (Access/Kruger) Dike, IA 800-772-2721 krugersseed.com</p>	<p>NC+ Hybrids Lincoln, NE 800-279-7999 nc-plus.com</p>	<p>Renze Hybrids Carroll, IA 712-669-3301 renzehybrids.com</p>
<p>Fontanelle Hybrids Fontanelle, NE 800-279-4353 fontanelle.com</p>	<p>Lewis Hybrids, Inc. Ursa, IL 800-252-7851 lewishybrids.com</p>	<p>NK Brand Seeds Lincoln, NE 402-420-6664 nk-us.com</p>	<p>Taylor Seed Farms, Inc. White Cloud, KS 800-742-7473 taylorseedfarms.com</p>
<p>Frontier Hybrids Abernathy, TX 806-298-2595 frontierhybrids.com</p>	<p>LG Seeds Elmwood, IL 800-752-6847 lgseeds.com</p>	<p>Ottlie RO Seed Marshalltown, IA 800-798-6884 ottlieseed.com</p>	<p>Triumph Seed Co., Inc. Ralls, TX 800-530-4789 triumphseed.com</p>
<p>Garst Seed Co. Slater, IA 800-831-6630 garstseed.com</p>	<p>MFA, Inc Columbia, MO 573-876-5482 mfa-inc.com</p>	<p>Pfister Hybrid Corn Co. El Paso, IL 800-647-3478 pfisterhybrid.com</p>	<p>Neco Seed Farms (Willcross) Garden City, MO 877-862-6326 willcross.com</p>

NORTHEAST KANSAS DRYLAND CORN TEST ON SILT LOAM SOIL

Private farm 1 mile north of Severance; Fuhrman Farms, Inc.

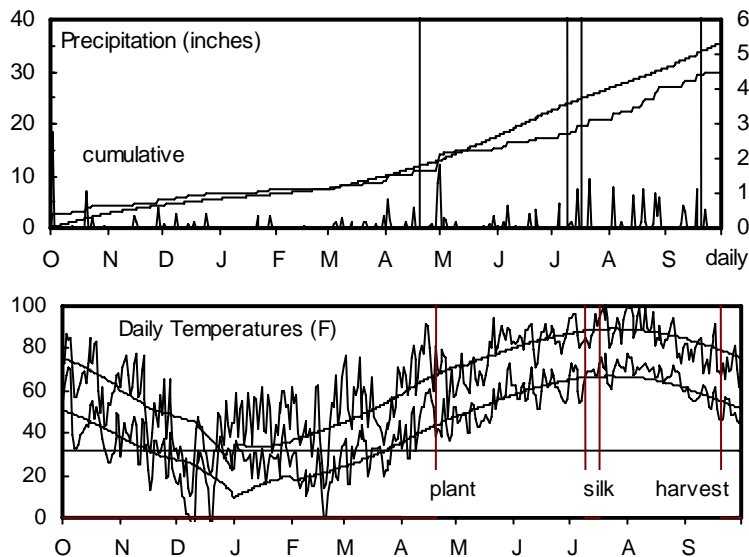
Monona silt loam; Soybean in 2005

180 - 30 - 0 lb/a N, P, K

Planted on 4/20/2006; Harvested on 9/19/2006

Target stand of 26,000 plants/acre; 8.0 in. spacing

No-tilled into soybean stubble; good early establishment and timely rains resulted in good yields in a tough year.



Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	9.2	9.9	40	38	82	38
April	5.0	3.0	58	54	334	238
May	1.2	4.6	63	64	457	455
June	2.0	5.1	73	73	669	694
July	3.5	4.1	79	78	830	814
August	6.1	4.0	78	76	805	778
Sept.	2.9	4.9	65	68	435	528
Totals:	29.9	35.6	55	53	3,610	3,545

Table 2. Severance Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD						2005-2006		2006					
			bushels/acre			% of test			Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.
			2006	2005	2-Yr. average	2006	2005									
MATURITY CHECK	SHRT-DKC50-20		167	162	164	89	96	--	15	80	14	25.1	13	56	97	
GARST	8535YG1/RR	C	180	--	--	96	--	--	--	80	18	23.2	0	55	104	
AGSOURCE	578TPLRR		173	--	--	92	--	--	--	81	17	24.0	20	57	104	
AGSOURCE	6057		152	--	--	81	--	--	--	81	19	24.8	10	58	100	
AGSOURCE	684TPLRR2		160	--	--	85	--	--	--	81	19	22.4	5	59	98	
TAYLOR	EXPC36113	P250	184	--	--	98	--	--	--	81	19	24.2	19	58	103	
AGSOURCE	5783CB		181	177	179	96	105	--	17	82	17	24.1	8	57	105	
LEWIS	4847CB	C	194	--	--	103	--	--	--	82	18	21.2	13	55	110	
MIDLAND	MG 417Bt	P250	188	--	--	100	--	--	--	82	18	23.6	21	55	108	
AGSOURCE	688T		182	--	--	97	--	--	--	82	19	23.2	2	56	110	
CROPLAN GEN.	663RR/Bt	C	178	--	--	95	--	--	--	82	19	24.4	3	57	104	
LEWIS	5997PL/RR	P250	195	--	--	104	--	--	--	82	19	24.1	5	58	103	
DYNA-GRO	57F37	P250	196	--	--	104	--	--	--	82	20	23.8	2	53	105	
MIDLAND	MG 7A53Bt	P250	185	172	179	99	103	--	17	83	17	22.7	19	56	106	
TAYLOR	830Bt	P250	189	--	--	100	--	--	--	83	18	20.1	0	55	109	
AGSOURCE	6276CBRR		191	--	--	102	--	--	--	83	20	22.7	2	54	108	
RENZE	8386YGCB	P250	190	177	183	101	105	--	20	83	20	25.6	6	54	102	
RENZE	9406YGCB/RR	P250	179	--	--	95	--	--	--	83	20	25.7	0	55	103	
MYCOGEN	2M797	C	193	--	--	103	--	--	--	83	21	24.6	2	53	110	
AGSOURCE	5963CB		202	--	--	107	--	--	--	84	18	24.8	10	54	107	
KRUGER	K-8614HxB	P250	187	--	--	100	--	--	--	84	18	24.1	10	55	112	
MATURITY CHECK	MID-NC+4823B		180	167	173	96	99	--	17	84	18	24.1	10	56	103	
MIDLAND	MG 436Bt	P250	197	--	--	105	--	--	--	84	18	20.8	0	55	109	
PIONEER	34A16	P1250	190	--	--	101	--	--	--	84	18	24.7	3	58	104	
AGSOURCE	6226CBRR		187	--	--	99	--	--	--	84	19	25.7	6	55	103	
NK	N76-M5	C	183	159	171	97	95	--	19	84	19	23.7	15	53	104	
PIONEER	33K40	P1250	207	--	--	110	--	--	--	84	19	25.9	3	58	112	
PRODUCERS	7512RR	P250	173	--	--	92	--	--	--	84	19	26.1	0	54	105	
RENZE	8454YGCB	P250	195	169	182	104	101	--	19	84	19	23.7	15	55	106	
TRIUMPH	1536CBRR	P1250	194	161	177	103	96	--	19	84	19	25.1	11	56	110	

(continued)

Table 2. Severance Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD					2005-2006		2006					
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	2006									2005
KRUGER	K-7613YG+	P250	193	--	--	103	--	--	--	84	20	25.2	3	54	105
KRUGER	K-9115TS	CE	196	--	--	104	--	--	--	84	20	25.5	14	55	110
MIDLAND	MG 617Bt	P250	189	--	--	100	--	--	--	84	20	23.2	8	54	105
PFISTER	3356T		196	--	--	104	--	--	--	84	21	24.4	7	53	109
AGSOURCE	6286CBRR		189	--	--	101	--	--	--	85	17	21.1	4	56	114
KRUGER	K-9212TS	CE	194	--	--	103	--	--	--	85	18	25.7	3	56	106
DYNA-GRO	57P46	P250	176	--	--	94	--	--	--	85	19	24.0	2	55	110
KRUGER	K-2414RR/YGCB	P250	181	--	--	96	--	--	--	85	19	25.2	22	56	108
MYCOGEN	2T801	C	185	152	169	99	91	--	19	85	19	25.0	9	55	110
RENZE	1454YGPL/RR	P250	190	--	--	101	--	--	--	85	19	23.4	2	55	109
AGSOURCE	6886CBRR		181	--	--	96	--	--	--	85	20	25.2	10	56	107
CROPLAN GEN.	6992RB	C	200	--	--	106	--	--	--	85	20	24.1	16	53	110
PIONEER	33R81	P1250	217	--	--	116	--	--	--	85	20	24.4	3	54	116
AGSOURCE	7923Hx		140	--	--	74	--	--	--	85	22	21.6	10	53	108
MIDLAND	MG 7B13Bt/RR	P250	194	167	181	103	99	--	17	86	17	23.6	2	56	107
GARST	8452CB/LL	C	175	--	--	93	--	--	--	86	18	21.5	9	55	106
KRUGER	K-9313RR/YGCB	CE	199	--	--	106	--	--	--	86	18	25.0	2	55	102
NK	N76-D3	C	197	178	187	105	106	--	20	86	19	24.8	14	54	107
PFISTER	2730RRBt		182	--	--	97	--	--	--	86	19	24.7	5	54	106
PRODUCERS	7361YGCB	P250	178	--	--	95	--	--	--	86	19	24.7	18	54	107
TRIUMPH	1416Bt	P250	167	166	167	89	99	--	19	86	19	22.3	10	55	109
KRUGER	K-8616Hx	CE	182	--	--	97	--	--	--	86	20	24.4	5	54	106
MATURITY CHECK	FULL-R8526YGC		218	190	204	116	113	--	20	86	20	25.5	5	55	108
PFISTER	2688RWBt		189	--	--	101	--	--	--	86	20	21.8	8	55	109
AGSOURCE	7883ACBCL		201	--	--	107	--	--	--	86	21	24.0	12	54	115
HAWKEYE	316Bt		211	187	199	112	112	--	21	86	21	23.6	9	53	111
KRUGER	K-2517RR/YGCB	CE	211	174	193	112	104	--	21	86	21	25.6	14	53	113
MIDLAND	MG 7A58Bt/RR	P250	195	--	--	104	--	--	--	86	21	21.6	4	53	111
MYCOGEN	2T828	C	202	--	--	107	--	--	--	86	21	23.9	2	54	109
DYNA-GRO	58K04	P250	198	--	--	105	--	--	--	86	22	24.2	0	56	116
MATURITY CHECK	FULL - M798		166	148	157	89	88	--	22	86	23	24.0	8	55	118
DYNA-GRO	57F06	P250	199	--	--	106	--	--	--	87	18	24.5	12	55	109
KRUGER	K-5613YGCB	P250	203	--	--	108	--	--	--	87	18	23.6	9	55	112
NK	N70-C7	C	177	--	--	94	--	--	--	87	19	26.4	2	55	107
AGSOURCE	6486CBRR		170	--	--	90	--	--	--	87	20	23.4	14	55	111
RENZE	2526YGRW/RR	P250	193	--	--	103	--	--	--	87	20	23.2	4	54	113
AGSOURCE	788TPLRR		199	--	--	106	--	--	--	87	21	23.6	0	54	108
CROPLAN GEN.	751RR/Bt	C	204	--	--	109	--	--	--	87	21	25.6	13	53	114
LEWIS	7044YGCB	P250	200	193	197	106	115	--	20	87	21	22.4	2	53	112
MIDLAND	MG 7A28Bt/RR	P250	178	--	--	95	--	--	--	88	18	20.9	13	54	112
CROPLAN GEN.	731Hx	C	179	159	169	95	95	--	19	88	19	24.5	29	53	112
KRUGER	K-8414Hx	CE	168	170	169	89	102	--	19	88	19	24.7	15	54	112
KRUGER	K-5416YGCB	CE	209	175	192	111	104	--	20	88	20	28.5	4	54	106
MYCOGEN	2T780	C	173	162	168	92	97	--	20	88	20	24.5	11	53	111
RENZE	9526YGCB/RR	P250	202	175	188	107	104	--	21	88	22	25.2	2	53	114
	AVERAGES		188	168	178	188	168	--	19	85	19	24.0	8	55	108
	CV (%)		9	7	--	9	7	--	--	3	3	5.7	154	1	3
	LSD (0.05)*		23	16	--	12	9	--	--	3	1	1.9	17	1	4

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

NORTHEAST KANSAS DRYLAND CORN TEST ON SILTY CLAY LOAM SOIL

Private farm north of Centralia; Keith Flentie, farmer/cooperator

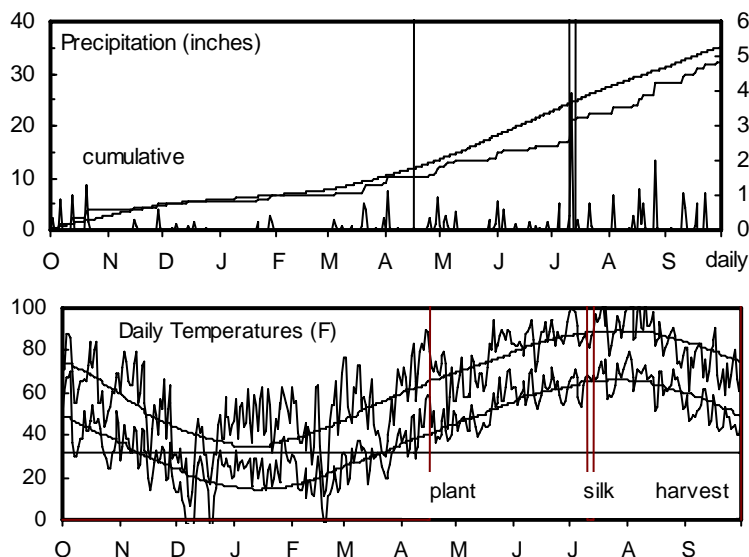
Wymore silt loam; Soybean in 2005

157 - 30 - 0 lb/a N, P, K

Planted on 4/17/2006; Harvested on 9/29/2006

Target stand of 23,000 plants/acre; 9.1 in. spacing

Lodging was extensive for some hybrids, likely due to Fusarium stalk rot. Dry, hot conditions delayed pollination.



Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	9.0	10.2	39	37	92	63
April	3.0	3.2	57	53	324	228
May	1.9	4.6	63	62	456	408
June	2.3	4.6	74	72	678	663
July	6.2	4.7	79	77	807	793
August	5.7	3.8	77	75	747	760
Sept.	3.9	4.0	61	67	364	496
Totals:	32.0	35.2	54	53	3,467	3,409

Table 3. Centralia Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD						2005-2006						2006			
			bushels/acre			% of test			Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.		
			2006	2005	2-Yr. average	2006	2005	2006									2005	
GARST	8535YG1/RR	C	130	--	--	97	--	--	--	84	15	26.3	9	56	85			
KRUGER	K-0313	P250	135	--	--	100	--	--	--	84	15	25.8	19	56	86			
WILLCROSS	3097X1CB		133	--	--	99	--	--	--	84	15	26.5	36	56	85			
AGSOURCE	6057		145	--	--	108	--	--	--	84	16	25.3	5	57	85			
MATURITY CHECK	SHRT-DKC50-20		128	134	131	96	97	79	15	84	16	27.0	34	57	76			
MYCOGEN	2M797	C	156	--	--	116	--	--	--	84	16	24.8	5	56	95			
RENZE	9406YGCB/RR	P250	130	--	--	97	--	--	--	84	16	27.2	9	57	87			
CROPLAN GEN.	663RR/BT	C	125	--	--	93	--	--	--	84	18	28.4	31	57	90			
GARST	8566YG1	C	147	146	146	110	105	81	15	85	15	27.4	4	56	89			
MATURITY CHECK	MID-NC+4823B		137	142	140	102	102	81	15	85	15	26.7	15	56	84			
MIDLAND	MG 7A53Bt	P250	123	146	135	92	105	80	16	85	15	26.7	30	56	86			
PIONEER	34A16	P1250	129	--	--	96	--	--	--	85	15	27.0	16	57	86			
AGSOURCE	578TPLRR		135	--	--	101	--	--	--	85	16	26.7	13	56	77			
AGSOURCE	684TPLRR2		123	--	--	92	--	--	--	85	16	24.4	18	58	80			
GARST	8452CB/LL	C	145	--	--	108	--	--	--	85	16	23.5	6	56	86			
KRUGER	K-2414RR/YGCB	P250	146	--	--	109	--	--	--	85	16	28.1	4	57	93			
MIDLAND	MG 7B13Bt/RR	P250	134	138	136	100	100	80	15	85	16	26.8	9	57	89			
NC+	4947RB		138	--	--	103	--	--	--	85	16	28.2	27	58	86			
PFISTER	2688RWBt		140	--	--	105	--	--	--	85	16	23.8	7	56	89			
RENZE	1454YGPL/RR	P250	135	--	--	101	--	--	--	85	16	26.5	3	57	89			
TAYLOR	830Bt	P250	140	--	--	105	--	--	--	85	16	24.3	14	56	92			
WILLCROSS	3094RRCB		130	--	--	97	--	--	--	85	16	26.9	37	56	86			
KRUGER	K-9212TS	CE	143	--	--	107	--	--	--	85	17	28.4	3	56	86			
MIDLAND	MG 417Bt	P250	158	--	--	118	--	--	--	85	17	27.1	7	55	86			
RENZE	8454YGCB	P250	148	138	143	110	100	81	17	85	17	27.3	24	56	89			
WILLCROSS	3147X1RR		126	--	--	94	--	--	--	85	17	27.4	15	56	92			
KRUGER	K-7613YG+	P250	111	--	--	83	--	--	--	85	18	29.5	37	57	87			
KRUGER	K-9313RR/YGCB	CE	116	--	--	86	--	--	--	86	14	27.4	14	56	88			
AGSOURCE	5963CB		137	--	--	102	--	--	--	86	15	27.3	8	56	91			
AGSOURCE	6226CBRR		125	--	--	93	--	--	--	86	15	27.5	9	57	88			

(continued)

Table 3. Centralia Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treat- ment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average 2006 2005									
AGSOURCE	6276CBRR		117	--	--	87	--	--	--	86	15	24.9	33	56	89
AGSOURCE	6286CBRR		138	--	--	103	--	--	--	86	15	23.6	10	57	94
AGSOURCE	788TPLRR		134	--	--	100	--	--	--	86	15	26.8	42	56	91
KRUGER	K-9111YGCB	CE	135	116	126	101	84	82	15	86	15	27.2	1	56	87
KRUGER	K-9115TS	CE	134	--	--	100	--	--	--	86	15	28.4	9	56	86
LEWIS	4847CB	C	148	--	--	110	--	--	--	86	15	22.7	17	57	93
LEWIS	7044YGCB	P250	158	147	153	118	107	82	15	86	15	26.6	8	56	91
MIDLAND	MG 617Bt	P250	136	--	--	102	--	--	--	86	15	25.1	10	57	89
PFISTER	2730RRBt		138	--	--	103	--	--	--	86	15	27.2	10	56	87
TRIUMPH	1416Bt	P250	134	--	--	100	--	--	--	86	15	25.3	16	57	89
AGSOURCE	5783CB		127	142	135	95	103	81	15	86	16	26.1	50	57	80
AGSOURCE	6486CBRR		129	--	--	96	--	--	--	86	16	27.5	34	58	85
AGSOURCE	6886CBRR		147	--	--	110	--	--	--	86	16	28.3	11	57	86
AGSOURCE	7923Hx		121	--	--	90	--	--	--	86	16	26.3	30	57	86
HAWKEYE	324Bt		118	--	--	88	--	--	--	86	16	27.7	32	57	87
KRUGER	K-0413	P250	135	--	--	101	--	--	--	86	16	27.8	9	56	87
KRUGER	K-8213HX	P250	136	--	--	102	--	--	--	86	16	27.9	8	56	88
KRUGER	K-8414HX	CE	121	149	135	90	108	82	16	86	16	27.6	6	57	86
LEWIS	5997PL/RR	P250	129	--	--	96	--	--	--	86	16	27.6	6	57	88
MATURITY CHECK	FULL-R8526YGC		129	143	136	96	103	82	16	86	16	27.9	21	56	89
MIDLAND	MG 7A58Bt/RR	P250	136	--	--	102	--	--	--	86	16	24.0	31	56	93
MYCOGEN	2T780	C	148	148	148	110	107	82	17	86	16	27.7	13	56	87
MYCOGEN	2T801	C	123	137	130	92	99	82	17	86	16	28.2	46	57	86
NK	N65-C5	C	120	--	--	90	--	--	--	86	16	27.7	18	57	86
NK	N72-B2	C	130	--	--	97	--	--	--	86	16	26.2	14	57	92
NK	N76-D3	C	127	--	--	95	--	--	--	86	16	27.4	5	57	89
PFISTER	3356T		118	--	--	88	--	--	--	86	16	25.4	24	56	90
WILLCROSS	3116RRCB		137	--	--	102	--	--	--	86	16	25.7	3	57	88
AGSOURCE	688T		126	--	--	94	--	--	--	86	17	27.7	16	57	87
CROPLAN GEN.	6992RB	C	150	--	--	112	--	--	--	86	17	26.1	5	56	87
KRUGER	K-5416YGCB	CE	131	129	130	98	93	81	16	86	17	31.2	27	56	89
KRUGER	K-8616HX	CE	135	--	--	101	--	--	--	86	17	28.4	21	55	91
MIDLAND	MG 436Bt	P250	137	--	--	103	--	--	--	86	17	21.3	21	56	92
NC+	6122RB		127	--	--	95	--	--	--	86	17	26.2	22	56	92
RENZE	8386YGCB	P250	147	137	142	109	99	82	16	86	17	29.0	8	55	86
CROPLAN GEN.	751RR/Bt	C	116	--	--	86	--	--	--	86	18	27.3	37	57	94
KRUGER	K-5613YGCB	P250	115	--	--	86	--	--	--	87	15	25.3	10	56	94
CROPLAN GEN.	7558RB	C	148	--	--	110	--	--	--	87	16	26.1	8	57	90
HAWKEYE	114HxLL		128	--	--	96	--	--	--	87	16	28.6	25	57	91
WILLCROSS	3126W		157	--	--	117	--	--	--	87	16	30.5	4	57	89
KRUGER	K-2517RR/YGCB	CE	128	145	136	96	104	83	17	87	17	28.1	21	57	92
PIONEER	33R81	P1250	130	--	--	97	--	--	--	87	17	27.0	16	56	92
RENZE	2526YGRW/RR	P250	139	--	--	104	--	--	--	87	17	25.3	13	56	91
RENZE	9526YGCB/RR	P250	150	143	146	112	103	82	17	87	17	26.8	15	57	92
MATURITY CHECK	FULL - M798		129	117	123	97	84	85	19	88	16	25.2	46	58	96
MIDLAND	MG 7A28Bt/RR	P250	146	--	--	109	--	--	--	88	16	24.9	8	56	95
PIONEER	33K40	P1250	125	--	--	94	--	--	--	88	18	27.6	26	57	94
	AVERAGES		134	138	136	134	138	81	16	86	16	26.7	17	56	88
	CV (%)		14	8	--	14	8	--	--	1	10	4.8	117	2	3
	LSD (0.05)*		27	16	--	20	11	--	--	2	2	1.8	28	2	3

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

NORTHEAST KANSAS DRYLAND CORN TEST ON SILT LOAM SOIL

Agronomy North Farm near Manhattan; Kraig Roozeboom, agronomist

Reading silt loam; Soybean in 2005

130 - 30 - 0 lb/a N, P, K

Planted on 4/13/2006; Harvested on 9/15/2006

Target stand of 23,000 plants/acre; 9.1 in. spacing

Most hybrids were affected by lodging, possibly due to Fusarium stalk rot, but average yields were better than expected.

Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	7.3	8.7	44	42	141	57
April	4.3	2.6	62	56	438	237
May	3.1	4.5	65	65	514	441
June	1.8	5.1	75	74	757	685
July	3.2	4.0	81	80	889	823
August	5.5	3.5	81	78	843	801
Sept.	1.8	3.8	65	70	493	587
Totals:	27.0	32.2	58	56	4,075	3,628

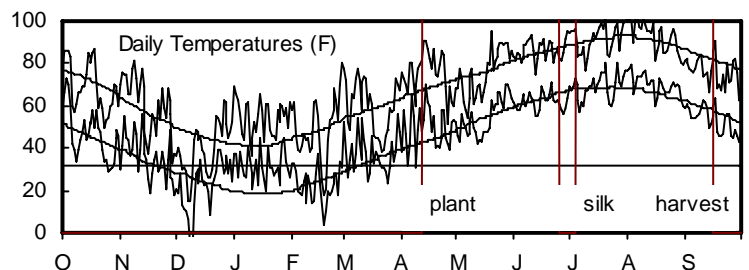
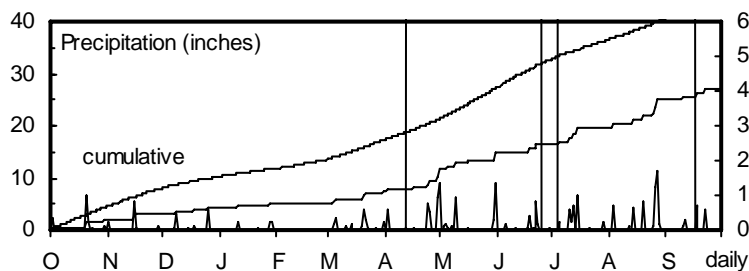


Table 4. Manhattan Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD		2005-2006		2006								
			bushels/acre		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.			
			2006	2005									2-Yr. average	2006	2005
MATURITY CHECK	SHRT-DKC50-20		139	121	130	78	105	72	13	73	15	26.6	9	55	93
FONTANELLE	8K389	P250	177	--	--	99	--	--	--	74	18	24.8	16	57	104
DEKALB	DKC64-27RR2	P250	179	--	--	100	--	--	--	74	20	28.2	3	58	97
CROPLAN GEN.	663RR/BT	C	167	--	--	93	--	--	--	75	18	26.8	12	58	100
FONTANELLE	7K733	P250	186	--	--	104	--	--	--	75	18	26.7	15	56	102
KRUGER	K-9212TS	CE	194	--	--	109	--	--	--	75	18	27.3	27	56	105
NC+	4947RB		190	--	--	107	--	--	--	75	18	27.3	24	56	105
AGSOURCE	6057		178	--	--	99	--	--	--	76	18	26.1	16	58	101
ASGROW	RX752RR/YGCB	P250	182	122	152	102	106	75	15	76	18	27.7	18	57	103
ASGROW	RX754RR2	P250	172	--	--	96	--	--	--	76	18	26.7	15	59	98
DEKALB	DKC61-72RR2	P250	174	110	142	98	96	75	15	76	18	27.3	35	57	102
LEWIS	5997PL/RR	P250	176	--	--	98	--	--	--	76	18	26.5	9	59	101
MATURITY CHECK	MID-NC+4823B		187	108	147	105	94	76	15	76	18	25.7	17	56	104
PIONEER	34A16	P1250	194	--	--	109	--	--	--	76	18	26.4	0	58	106
PFISTER	2688RWBt		182	--	--	102	--	--	--	76	19	24.5	33	56	106
RENZE	1454YGPL/RR	P250	186	--	--	104	--	--	--	76	19	26.5	13	56	105
MIDLAND-PHILLIP	763RRYGCB	P	185	--	--	103	--	--	--	77	17	27.7	20	56	106
KRUGER	K-5613YGCB	P250	189	--	--	106	--	--	--	77	18	25.9	0	56	107
NK	N70-C7	C	174	--	--	97	--	--	--	77	18	27.7	18	55	105
RENZE	8454YGCB	P250	195	113	154	109	98	77	15	77	18	26.7	27	56	104
DEKALB	DKC66-23RR2/YG	P250	187	--	--	105	--	--	--	77	19	24.3	7	57	107
KRUGER	K-7613YG+	P250	179	--	--	100	--	--	--	77	19	27.7	3	57	103
KRUGER	K-9115TS	CE	191	--	--	107	--	--	--	77	19	26.6	47	57	106
RENZE	9406YGCB/RR	P250	173	--	--	97	--	--	--	77	19	26.2	16	57	101
AGSOURCE	6276CBRR		175	--	--	98	--	--	--	77	20	26.2	15	57	102
CROPLAN GEN.	6992RB	C	192	--	--	107	--	--	--	77	20	24.7	7	54	107
KRUGER	K-9111YGCB	CE	170	118	144	95	103	79	14	78	16	25.2	28	56	106
DYNA-GRO	57F06	P250	188	--	--	105	--	--	--	78	17	26.5	8	56	107
PRODUCERS	7073YGCB	P250	191	--	--	107	--	--	--	78	17	26.1	19	56	102
AGSOURCE	684TPLRR2		151	--	--	85	--	--	--	78	18	25.5	24	61	94

(continued)

Table 4. Manhattan Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD						2005-2006		2006					
			bushels/acre			% of test			Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.
			2006	2005	2-Yr. AVG.	2006	2005	average								
DEKALB	DKC63-81RR2/YG	P250	173	106	140	97	93	77	15	78	18	26.1	15	60	100	
DYNA-GRO	57P69	P250	189	--	--	106	--	--	--	78	18	28.5	17	56	106	
KRUGER	K-9313RR/YGCB	CE	186	--	--	104	--	--	--	78	18	26.9	9	55	101	
PFISTER	2730RRBt		188	--	--	105	--	--	--	78	18	26.9	21	55	101	
DYNA-GRO	57F37	P250	175	--	--	98	--	--	--	78	19	26.5	7	57	102	
DYNA-GRO	57X97	P250	170	--	--	95	--	--	--	78	19	26.3	33	55	109	
FONTANELLE	7951YGCB	P250	183	--	--	103	--	--	--	78	19	26.1	30	56	102	
KRUGER	K-2414RR/YGCB	P250	171	--	--	96	--	--	--	78	19	27.4	7	58	102	
KRUGER	K-5416YGCB	CE	169	120	144	94	104	78	16	78	19	28.5	11	57	104	
KRUGER	K-8616HX	CE	176	--	--	98	--	--	--	78	19	27.3	36	55	106	
MIDLAND-PHILLIP	7B15RRYGCB	P	181	112	147	101	98	78	16	78	19	26.1	45	56	103	
MYCOGEN	2T801	C	191	121	156	107	106	78	16	78	19	26.0	27	56	106	
NK	N76-D3	C	184	--	--	103	--	--	--	78	19	25.8	0	55	105	
PRODUCERS	7373YGCBRR	P250	185	121	153	104	106	78	16	78	19	24.8	19	56	108	
RENZE	8386YGCB	P250	179	112	145	100	98	77	16	78	19	27.5	9	56	102	
AGSOURCE	6486CBRR		172	--	--	96	--	--	--	78	20	27.3	26	56	108	
LEWIS	7044YGCB	P250	187	126	156	104	110	78	16	78	20	25.9	28	53	107	
PFISTER	3356T		184	--	--	103	--	--	--	78	20	26.1	0	55	104	
PIONEER	33K40	P1250	193	--	--	108	--	--	--	78	20	26.5	29	59	108	
RENZE	2526YGRW/RR	P250	182	--	--	102	--	--	--	78	20	26.3	18	54	109	
AGSOURCE	788TPLRR		187	--	--	105	--	--	--	78	21	25.4	6	54	107	
RENZE	9526YGCB/RR	P250	181	109	145	101	95	80	17	78	21	25.7	31	53	108	
AGSOURCE	6286CBRR		177	--	--	99	--	--	--	79	17	24.3	3	57	108	
CROPLAN GEN.	731Hx	C	160	133	146	89	116	81	15	79	18	26.1	45	55	109	
KRUGER	K-8414HX	CE	175	116	146	98	102	80	15	79	18	26.7	33	55	108	
MYCOGEN	2T780	C	159	125	142	89	109	81	15	79	18	27.1	35	55	107	
AGSOURCE	7923Hx		128	--	--	72	--	--	--	79	19	25.2	28	54	103	
GARST	8225YG1/RR	C	185	106	145	104	92	80	16	79	19	26.9	12	55	101	
KRUGER	K-5617YGCB	P250	164	--	--	92	--	--	--	79	19	27.3	24	58	105	
KRUGER	K-8516HX	P250	176	--	--	98	--	--	--	79	20	24.0	21	55	105	
MATURITY CHECK	FULL-R8526YGC		185	122	153	104	106	81	16	79	20	27.1	21	53	106	
NC+	6122RB		182	--	--	102	--	--	--	79	20	26.5	12	53	107	
KRUGER	K-2517RR/YGCB	CE	189	129	159	106	113	81	17	79	21	26.2	33	52	107	
CROPLAN GEN.	751RR/Bt	C	183	--	--	102	--	--	--	80	21	27.6	24	53	110	
MATURITY CHECK	FULL - M798		156	87	122	87	76	82	17	81	20	26.7	34	56	107	
	AVERAGES		179	115	147	179	115	77	16	77	19	26.4	19	56	104	
	CV (%)		7	14	--	7	14	--	--	1	4	3.8	104	1	2	
	LSD (0.05)*		17	23	--	10	20	--	--	2	1	1.4	28	1	3	

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho® . Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

Table 5. NORTHEAST Kansas corn hybrid yield summary (% of test average), 2006.

BRAND/NAME	SEV*	CEN	BEL	MAN	AVG.	BRAND/NAME	SEV	CEN	BEL	MAN	AVG.
AGSOURCE						8452CB/LL	93	108	--	--	--
5783CB	96	95	--	--	--	8535YG1/RR	96	97	--	--	--
578TPLRR	92	101	--	--	--	8566YG1	--	110	--	--	--
5963CB	107	102	--	--	--	HAWKEYE					
6057	81	108	--	99	96	114HxLL	--	96	--	--	--
6226CBRR	99	93	--	--	--	316Bt	112	--	--	--	--
6276CBRR	102	87	--	98	96	324Bt	--	88	--	--	--
6286CBRR	101	103	--	99	101	KRUGER					
6486CBRR	90	96	--	96	94	K-0313	--	100	--	--	--
684TPLRR2	85	92	--	85	87	K-0413	--	101	--	--	--
6886CBRR	96	110	--	--	--	K-2414RR/YGCB	96	109	--	96	100
688T	97	94	--	--	--	K-2517RR/YGCB	112	96	--	106	105
7883ACBCL	107	--	--	--	--	K-5416YGCB	111	98	--	94	101
788TPLRR	106	100	--	105	103	K-5613YGCB	108	86	--	106	100
7923Hx	74	90	--	72	79	K-5617YGCB	--	--	--	92	--
ASGROW						K-7613YG+	103	83	--	100	95
RX752RR/YGCB	--	--	--	102	--	K-8213Hx	--	102	--	--	--
RX754RR2	--	--	--	96	--	K-8414Hx	89	90	--	98	93
CROPLAN GEN.						K-8516Hx	--	--	--	98	--
663RR/Bt	95	93	--	93	94	K-8614HxB	100	--	--	--	--
6992RB	106	112	--	107	109	K-8616Hx	97	101	--	98	99
731Hx	95	--	--	89	--	K-9111YGCB	--	101	--	95	--
751RR/Bt	109	86	--	102	99	K-9115TS	104	100	--	107	104
7558RB	--	110	--	--	--	K-9212TS	103	107	--	109	106
DEKALB						K-9313RR/YGCB	106	86	--	104	99
DKC61-72RR2	--	--	--	98	--	LEWIS					
DKC63-81RR2/YGCB	--	--	--	97	--	4847CB	103	110	--	--	--
DKC64-27RR2	--	--	--	100	--	5997PL/RR	104	96	--	98	100
DKC66-23RR2/YGCB	--	--	--	105	--	7044YGCB	106	118	--	104	110
DYNA-GRO						MIDLAND					
57F06	106	--	--	105	--	MG 417Bt	100	118	--	--	--
57F37	104	--	--	98	--	MG 436Bt	105	103	--	--	--
57P46	94	--	--	--	--	MG 617Bt	100	102	--	--	--
57P69	--	--	--	106	--	MG 7A28Bt/RR	95	109	--	--	--
57X97	--	--	--	95	--	MG 7A53Bt	99	92	--	--	--
58K04	105	--	--	--	--	MG 7A58Bt/RR	104	102	--	--	--
FONTANELLE						MG 7B13Bt/RR	103	100	--	--	--
7951YGCB	--	--	--	103	--	MIDLAND-PHILLIPS					
7K733	--	--	--	104	--	763RRYGCB	--	--	--	103	--
8K389	--	--	--	99	--	7B15RRYGCB	--	--	--	101	--
GARST						MYCOGEN					
8225YG1/RR	--	--	--	104	--	2M797	103	116	--	--	--

* SEV = Severance, Doniphan Co. CEN = Centralia, Nemaha Co. BEL = Belleville, Republic Co. Abandoned; drought
MAN = Manhattan, Riley Co.

Table 5. NORTHEAST Kansas corn hybrid yield summary (% of test average), 2006.

BRAND/NAME	SEV*	CEN	BEL	MAN	AVG.	BRAND/NAME	SEV	CEN	BEL	MAN	AVG.
2T780	92	110	--	89	97	3116RRCB	--	102	--	--	--
2T801	99	92	--	107	99	3126W	--	117	--	--	--
2T828	107	--	--	--	--	3147X1RR	--	94	--	--	--
NC+						MATURITY CHECK					
4947RB	--	103	--	107	--	FULL - M798	89	97	--	87	91
6122RB	--	95	--	102	--	FULL-R8526YGCB	116	96	--	104	105
NK						MID-NC+4823B	96	102	--	105	101
N65-C5	--	90	--	--	--	SHRT-DKC50-20	89	96	--	78	87
N70-C7	94	--	--	97	--	AVERAGES	188	134	--	179	167
N72-B2	--	97	--	--	--	CV (%)	9	14	--	7	--
N76-D3	105	95	--	103	101	LSD (0.05)	12	20	--	10	--
N76-M5	97	--	--	--	--						
PFISTER											
2688RWBt	101	105	--	102	102						
2730RRBt	97	103	--	105	102						
3356T	104	88	--	103	99						
PIONEER											
33K40	110	94	--	108	104						
33R81	116	97	--	--	--						
34A16	101	96	--	109	102						
PRODUCERS											
7073YGCB	--	--	--	107	--						
7361YGCB	95	--	--	--	--						
7373YGCBRR	--	--	--	104	--						
7512RR	92	--	--	--	--						
RENZE											
1454YGPL/RR	101	101	--	104	102						
2526YGRW/RR	103	104	--	102	103						
8386YGCB	101	109	--	100	104						
8454YGCB	104	110	--	109	108						
9406YGCB/RR	95	97	--	97	97						
9526YGCB/RR	107	112	--	101	107						
TAYLOR											
830Bt	100	105	--	--	--						
EXPC36113	98	--	--	--	--						
TRIUMPH											
1416Bt	89	100	--	--	--						
1536CBRR	103	--	--	--	--						
WILLCROSS											
3094RRCB	--	97	--	--	--						
3097X1CB	--	99	--	--	--						

* SEV = Severance, Doniphan Co. CEN = Centralia, Nemaha Co. BEL = Belleville, Republic Co. Abandoned; drought
MAN = Manhattan, Riley Co.

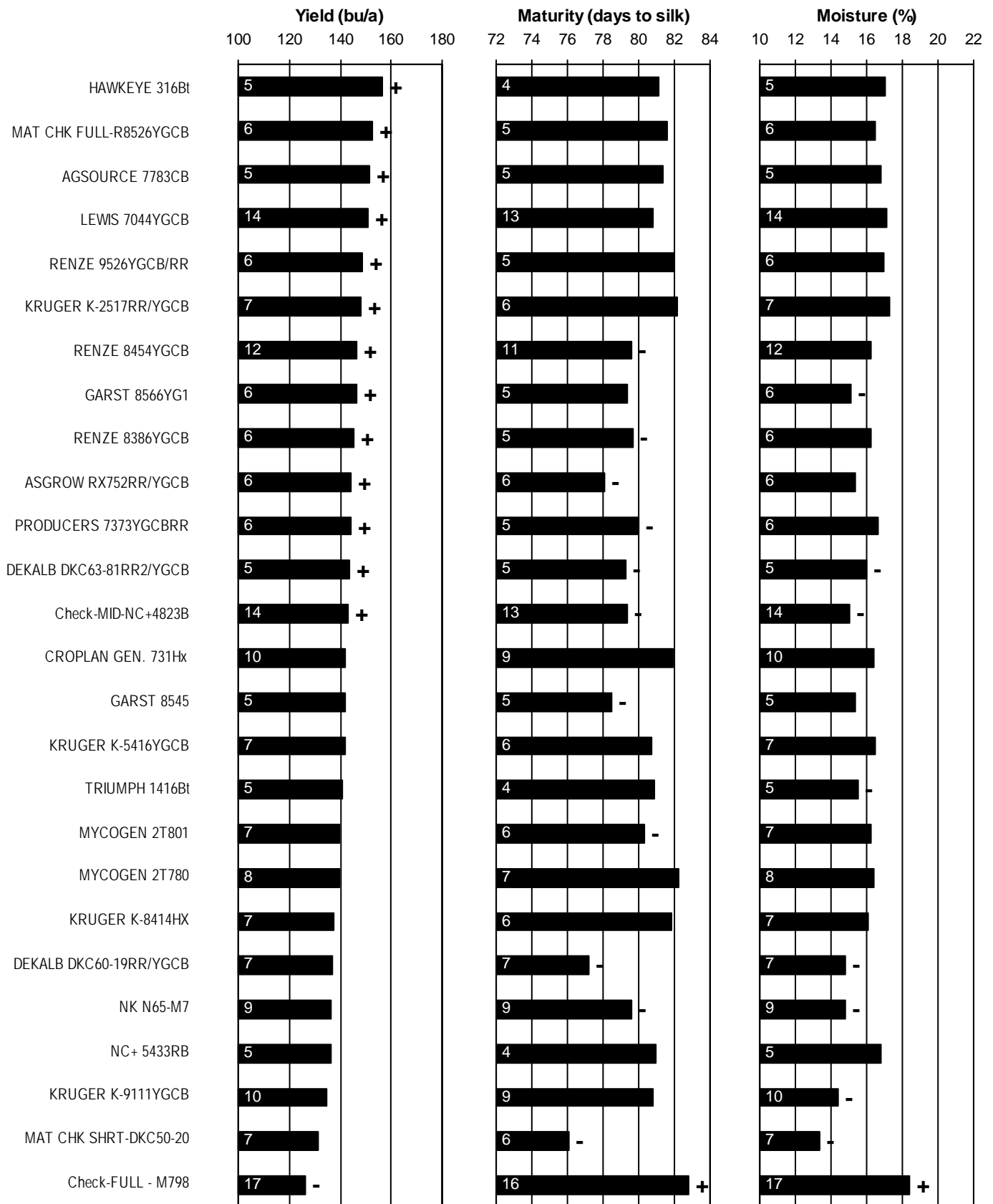


Figure 4. NORTHEAST Kansas corn hybrid standardized performance summary, 2002-2006.

Values within bars indicate the number of comparisons with checks. Symbols (+, -) indicate if statistically higher or lower than mean of checks.

NORTHEAST KANSAS SPRINKLER-IRRIGATED CORN TEST ON SILT LOAM SOIL

Kansas River Valley Experiment Field, Topeka; Larry Maddux, agronomist; Charles Clark and William Riley, technicians

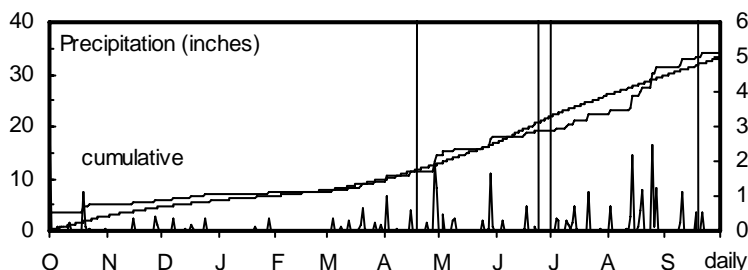
Eudora silt loam; Soybean in 2005

160 - 35 - 0 lb/a N, P, K

Planted on 4/19/2006; Harvested on 9/18/2006

Target stand of 26,000 plants/acre; 8.0 in. spacing

All hybrids had some degree of lodging, possibly due to Fusarium stalk rot, and there was evidence of some rust. Yields were generally good.



Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	9.6	9.9	43	38	129	55
April	5.1	3.0	61	54	382	242
May	3.2	4.0	66	64	502	452
June	1.2	5.1	76	73	717	704
July	3.4	4.1	82	78	860	828
August	9.0	3.7	80	77	830	799
Sept.	2.5	3.4	66	69	487	547
Totals:	34.0	33.1	57	54	3,906	3,627

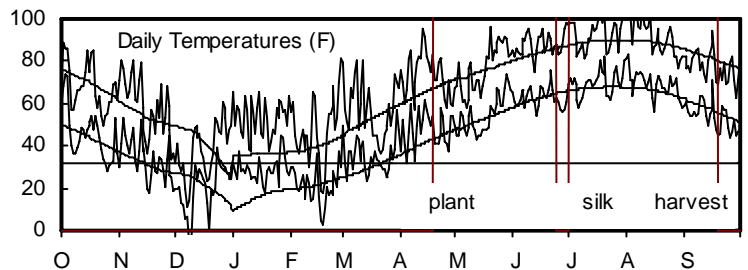


Table 6. Topeka Irrigated Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD		2005-2006		2006								
			bushels/acre		% of test		Days	Grain	Days	Grain	Pop.	Test	Ht.		
			2006	2005	2-Yr. average	2006	2005	Silk	to Moist. %	Silk	to Moist. %	1000 ppa		Ldg %	Wt. lb/bu
MATURITY CHECK	SHRT-DKC50-20		167	146	157	78	81	71	14	66	15	25.2	13	57	--
MIDLAND	MG 417Bt	P250	212	--	--	98	--	--	--	66	16	23.8	12	57	--
ASGROW	RX715RR2/YGCB	P250	214	--	--	100	--	--	--	66	17	24.2	5	58	--
DEKALB	DKC64-27RR2	P250	202	--	--	94	--	--	--	66	17	24.4	2	58	--
KRUGER	K-9212TS	CE	203	--	--	94	--	--	--	67	16	23.6	8	58	--
MIDLAND	MG 436Bt	P250	228	--	--	107	--	--	--	67	16	24.6	9	58	--
MIDLAND	MG 7A15Bt/RR	P250	207	--	--	96	--	--	--	67	16	25.2	15	58	--
MYCOGEN	2C727	C	212	--	--	99	--	--	--	67	16	24.2	6	57	--
RENZE	9406YGCB/RR	P250	182	--	--	85	--	--	--	67	16	25.3	2	59	--
ASGROW	RX752RR/YGCB	P250	218	173	196	101	96	73	16	67	17	24.7	11	58	--
ASGROW	RX754RR2	P250	203	--	--	95	--	--	--	67	17	24.4	3	59	--
GARST	8275YG1	C	223	195	209	104	108	74	16	67	17	23.7	6	58	--
KRUGER	K-0313	P250	207	--	--	96	--	--	--	67	17	25.5	9	59	--
KRUGER	K-8516HX	P250	232	--	--	108	--	--	--	67	17	25.2	7	58	--
MATURITY CHECK	FULL-R8526YGC		226	196	211	105	108	75	16	67	17	24.4	2	57	--
MYCOGEN	2T828	C	219	--	--	102	--	--	--	67	17	24.7	5	57	--
PFISTER	2688RWBt		197	--	--	92	--	--	--	67	17	22.8	9	57	--
PHILLIPS	7B15RRYGCB	P	207	186	197	96	103	74	16	67	17	23.7	10	58	--
PRODUCERS	7373YGCBRR	P250	226	193	209	105	107	74	16	67	17	24.3	9	59	--
RENZE	1454YGPL/RR	P250	202	--	--	94	--	--	--	67	17	23.6	3	58	--
RENZE	8386YGCB	P250	202	169	185	94	94	74	16	67	17	24.5	5	58	--
KRUGER	K-5416YGCB	CE	201	155	178	93	86	74	16	68	16	24.7	8	58	--
KRUGER	K-8213HX	P250	215	--	--	100	--	--	--	68	16	25.3	4	57	--
KRUGER	K-8414HX	CE	223	206	214	104	114	75	16	68	16	24.8	6	56	--
KRUGER	K-9111YGCB	CE	192	156	174	89	87	74	16	68	16	25.1	7	58	--
KRUGER	K-9313RR/YGCB	CE	200	--	--	93	--	--	--	68	16	24.8	9	57	--
MATURITY CHECK	MID-NC+4823B		193	191	192	90	106	74	15	68	16	24.9	12	58	--
MIDLAND	MG 7A53Bt	P250	229	--	--	107	--	--	--	68	16	26.0	7	58	--
PFISTER	2730RRBt		195	--	--	91	--	--	--	68	16	24.3	4	57	--

(continued)

Table 6. Topeka Irrigated Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006				Test Wt. lb/bu	Ht. in.	
			bushels/acre		% of test		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %			
			2006	2005	2-Yr. AVG.	average 2006 2005									
RENZE	8454YGCB	P250	209	201	205	97	112	73	15	68	16	24.1	5	58	--
AGSOURCE	6276CBRR		205	--	--	95	--	--	--	68	17	24.1	8	57	--
AGSOURCE	6286CBRR		219	--	--	102	--	--	--	68	17	23.7	6	58	--
AGSOURCE	6486CBRR		217	--	--	108	--	--	--	68	17	24.8	7	59	--
CROPLAN GEN.	6992RB	C	220	--	--	102	--	--	--	68	17	24.1	8	57	--
DEKALB	DKC63-81RR2/YG	P250	201	171	186	93	95	75	16	68	17	23.5	6	60	--
KRUGER	K-0413	P250	223	--	--	104	--	--	--	68	17	25.2	6	58	--
KRUGER	K-2414RR/YGCB	P250	218	--	--	101	--	--	--	68	17	24.7	11	60	--
KRUGER	K-7613YG+	P250	212	--	--	99	--	--	--	68	17	25.2	6	58	--
KRUGER	K-9115TS	CE	209	--	--	97	--	--	--	68	17	24.4	9	59	--
MIDLAND	MG 617Bt	P250	208	--	--	97	--	--	--	68	17	24.9	8	57	--
MIDLAND	MG 7B63HxLL	P250	225	196	211	105	109	74	16	68	17	24.5	3	56	--
MYCOGEN	2T801	C	218	163	190	101	90	74	17	68	17	24.8	12	58	--
NC+	5555HL		221	200	211	103	111	74	17	68	17	23.6	7	57	--
NC+	6122RB		226	--	--	105	--	--	--	68	17	24.0	2	57	--
NK	N70-C7	C	223	--	--	104	--	--	--	68	17	26.1	6	58	--
PHILLIPS	712YGCB	P	195	--	--	91	--	--	--	68	17	24.7	8	57	--
PRODUCERS	7361YGCB	P250	227	--	--	106	--	--	--	68	17	25.1	7	57	--
RENZE	2526YGRW/RR	P250	217	--	--	101	--	--	--	68	17	23.3	6	58	--
RENZE	9526YGCB/RR	P250	231	171	201	107	95	74	17	68	17	23.9	5	57	--
LEWIS	7065CB/RR	P250	233	--	--	109	--	--	--	68	18	24.6	3	57	--
PFISTER	3356T		211	--	--	98	--	--	--	68	18	24.4	13	57	--
KRUGER	K-5613YGCB	P250	229	--	--	106	--	--	--	69	16	24.4	4	57	--
CROPLAN GEN.	731Hx	C	219	212	215	102	117	75	16	69	17	25.8	11	57	--
KRUGER	K-2517RR/YGCB	CE	227	182	205	106	101	75	16	69	17	24.5	8	57	--
MYCOGEN	2T780	C	239	188	214	111	104	75	16	69	17	24.8	10	57	--
MIDLAND	MG 7A58Bt/RR	P250	196	--	--	91	--	--	--	69	18	23.6	6	56	--
PHILLIPS	7A29RRYGCB	P	215	193	204	100	107	75	17	69	18	23.2	2	57	--
PHILLIPS	763RRYGCB	P	208	--	--	97	--	--	--	70	16	23.8	18	57	--
TAYLOR	990RR/Bt	P250	231	--	--	107	--	--	--	70	16	24.5	2	57	--
CROPLAN GEN.	7558RB	C	214	--	--	99	--	--	--	70	17	25.3	7	58	--
GARST	8247YG1	C	252	--	--	117	--	--	--	70	17	24.0	8	58	--
KRUGER	K-5617YGCB	P250	206	204	205	96	113	75	16	70	17	24.8	17	58	--
KRUGER	K-8616HX	CE	210	--	--	98	--	--	--	70	17	25.1	9	58	--
NK	N76-D3	C	221	--	--	103	--	--	--	70	17	24.3	6	57	--
GARST	8295YG1/RR	C	230	--	--	107	--	--	--	70	18	24.1	8	58	--
GOLDEN ACRES	2841RRB	P250	215	165	190	100	92	78	17	71	17	23.5	4	56	--
MIDLAND	MG 7A28Bt/RR	P250	230	--	--	107	--	--	--	71	17	24.0	4	56	--
MATURITY CHECK	FULL - M798		198	174	186	92	96	77	17	72	17	25.1	10	58	--
PIONEER	33R81	P1250	243	--	--	113	--	--	--	72	17	24.6	3	56	--
PIONEER	32B29	P1250	238	198	218	111	110	77	17	72	18	25.0	17	58	--
PIONEER	33K40	P1250	228	--	--	106	--	--	--	72	18	24.4	3	60	--
TAYLOR	2281HX	P250	229	202	215	106	112	78	18	72	18	23.2	4	56	--
	AVERAGES		215	180	198	215	180	74	16	68	17	24.5	7	58	--
	CV (%)		8	12	--	8	12	--	--	2	3	4.8	85	2	--
	LSD (0.05)*		23	29	--	11	16	--	--	2	1	1.6	9	1	--

* C=Cruiser®, P=Poncho®, CE= Cruiser® Extreme. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

NORTHEAST KANSAS SPRINKLER-IRRIGATED CORN TEST ON SANDY LOAM SOIL

Private farm near Clay Center; Mark Taddiken, cooperator

Muir silt loam; Soybean in 2005

200 - 15 - 0 lb/a N, P, K

Planted on 4/14/2006; Harvested on 9/29/2006

Target stand of 30,000 plants/acre; 7.0 in. spacing

Good early emergence; most hybrids affected by lodging late in the season.

Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	5.4	8.7	42	39	110	57
April	1.0	2.7	58	53	344	237
May	3.3	4.5	66	64	493	441
June	1.6	5.1	77	73	741	685
July	1.2	3.9	82	79	855	823
August	4.8	3.5	79	78	802	801
Sept.	2.9	3.7	65	70	452	587
Totals:	20.1	32.1	57	54	3,797	3,628

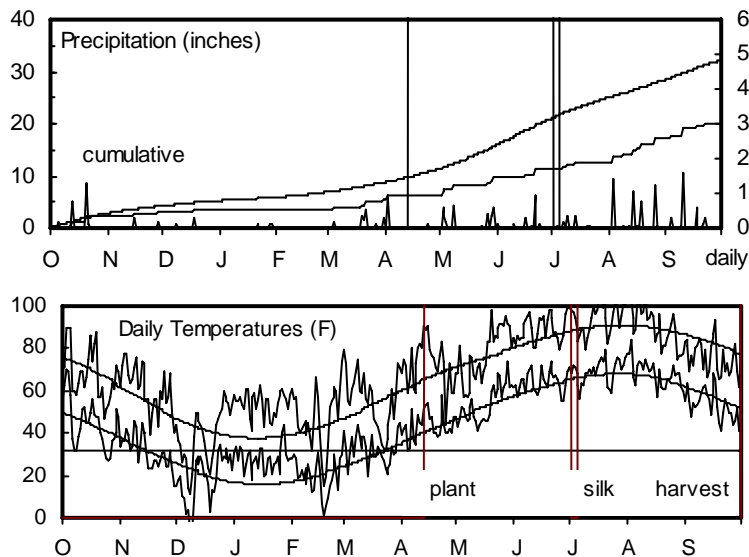


Table 7. Clay Center Irrigated Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD		2005-2006		2006								
			bushels/acre		% of test		Days to Silk	Grain to Moist.	Days to Silk	Grain to Moist.	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	2006	2005	Silk %	%	Silk %	%				
MATURITY CHECK	SHRT-DKC50-20		168	226	197	76	89	75	13	77	13	36.6	11	56	--
FONTANELLE	7K733	P250	215	--	--	97	--	--	--	78	16	35.3	2	58	--
FONTANELLE	8K389	P250	196	--	--	89	--	--	--	78	16	33.6	23	56	--
KRUGER	K-8614HXB	P250	234	--	--	106	--	--	--	78	16	35.8	9	58	--
KRUGER	K-9212TS	CE	220	--	--	99	--	--	--	78	16	36.7	21	59	--
MIDLAND-PHILLIP	763RRYGCB	P	202	--	--	91	--	--	--	78	16	36.1	28	57	--
DYNA-GRO	57F06	P250	238	--	--	108	--	--	--	78	17	36.5	5	57	--
KRUGER	K-8414HX	CE	206	264	235	93	104	76	16	78	17	36.2	8	56	--
RENZE	145YGPL/RR	P250	208	--	--	94	--	--	--	78	17	33.5	5	57	--
RENZE	9406YGCB/RR	P250	201	--	--	91	--	--	--	78	17	36.6	0	59	--
DYNA-GRO	57F37	P250	233	--	--	105	--	--	--	78	18	36.1	9	56	--
KRUGER	K-7613YG+	P250	229	--	--	103	--	--	--	78	18	37.8	12	56	--
DYNA-GRO	57P12	P250	237	--	--	107	--	--	--	78	19	33.6	4	56	--
KRUGER	K-2517RR/YGCB	CE	243	245	244	110	97	76	18	78	19	35.9	5	56	--
KRUGER	K-5613YGCB	P250	230	--	--	104	--	--	--	79	16	35.3	17	57	--
MATURITY CHECK	MID-NC+4823B		201	239	220	91	94	77	15	79	16	35.7	14	58	--
DYNA-GRO	57P93	P250	207	--	--	94	--	--	--	79	17	33.7	2	58	--
FONTANELLE	7951YGCB	P250	220	267	244	99	106	77	16	79	17	34.8	8	57	--
KRUGER	K-9313RR/YGCB	CE	227	--	--	102	--	--	--	79	17	36.0	3	57	--
PFISTER	2688RWBt		203	--	--	92	--	--	--	79	17	30.7	8	57	--
TAYLOR	955RR/Bt	P250	206	--	--	93	--	--	--	79	17	34.8	7	57	--
CROPLAN GEN.	6992RB	C	228	--	--	103	--	--	--	79	18	33.6	3	56	--
GARST	8225YG1/RR	C	204	239	221	92	95	77	17	79	18	36.9	19	58	--
KRUGER	K-2414RR/YGCB	P250	227	--	--	102	--	--	--	79	18	38.5	3	59	--
KRUGER	K-8616HX	CE	213	--	--	96	--	--	--	79	18	37.0	3	57	--
MIDLAND-PHILLIP	7B15RRYGCB	P	219	242	231	99	96	77	17	79	18	33.7	15	58	--
NC+	5433RB		206	--	--	93	--	--	--	79	18	34.2	12	58	--
GARST	8247YG1	C	274	--	--	124	--	--	--	79	19	34.4	6	59	--
KRUGER	K-5416YGCB	CE	223	264	243	100	104	76	18	79	19	38.3	21	57	--
LEWIS	7065CB/RR	P250	233	--	--	105	--	--	--	79	19	36.0	6	55	--
MIDLAND-PHILLIP	7A29RRYGCB	P	233	245	239	105	97	76	18	79	19	31.9	4	56	--

(continued)

Table 7. Clay Center Irrigated Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD					2005-2006		2006					
			bushels/acre		2-Yr. average	% of test		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.
			2006	2005		2006	2005								
MYCOGEN	2T828	C	234	--	--	106	--	--	--	79	19	36.2	3	56	--
PFISTER	3356T		223	--	--	101	--	--	--	79	19	34.5	9	57	--
RENZE	8386YGCB	P250	239	273	256	108	108	76	18	79	19	37.3	15	57	--
TRIUMPH	1866Bt	P250	252	--	--	114	--	--	--	79	19	35.9	3	59	--
KRUGER	K-9111YGCB	CE	204	251	228	92	99	77	15	80	16	34.0	0	58	--
DYNA-GRO	57X97	P250	214	--	--	97	--	--	--	80	17	34.0	8	56	--
DYNA-GRO	58P59	P250	220	--	--	99	--	--	--	80	17	34.1	22	55	--
GOLDEN ACRES	2841RRB	P250	232	262	247	105	104	77	16	80	17	35.8	22	55	--
KRUGER	K-9115TS	CE	220	--	--	100	--	--	--	80	17	36.7	11	58	--
MYCOGEN	2T780	C	204	256	230	92	101	77	16	80	17	36.2	10	56	--
PFISTER	2730RRBt		220	--	--	99	--	--	--	80	17	33.9	6	56	--
PREMIUM	P241		179	--	--	81	--	--	--	80	17	28.6	20	55	--
RENZE	8454YGCB	P250	212	278	245	96	110	77	16	80	17	33.7	7	57	--
TRIUMPH	1756CBRR	P250	218	--	--	99	--	--	--	80	17	35.5	21	55	--
MIDLAND-PHILLIP	712YGCB	P	217	261	239	98	103	77	16	80	18	34.5	29	57	--
MYCOGEN	2T801	C	212	260	236	96	103	77	17	80	18	36.3	8	58	--
NC+	6122RB		238	--	--	107	--	--	--	80	18	35.3	9	55	--
CROPLAN GEN.	751RR/Bt	C	245	--	--	111	--	--	--	80	19	35.2	2	56	--
GARST	8295YG1/RR	C	255	--	--	115	--	--	--	80	19	34.4	0	58	--
MATURITY CHECK	FULL - M798		212	241	227	96	95	77	18	80	19	32.7	20	58	--
MATURITY CHECK	FULL-R8526YGC		231	253	242	104	100	77	18	80	19	36.9	1	56	--
RENZE	2526YGRW/RR	P250	206	--	--	93	--	--	--	80	19	32.2	11	56	--
RENZE	9526YGCB/RR	P250	243	260	252	110	103	77	18	80	19	37.1	3	56	--
MIDLAND-PHILLIP	728RRYGCB	P	207	--	--	93	--	--	--	81	17	33.3	19	56	--
CROPLAN GEN.	7558RB	C	226	--	--	102	--	--	--	81	18	34.7	7	57	--
DYNA-GRO	58K04	P250	223	--	--	101	--	--	--	81	18	32.6	13	58	--
PIONEER	32B29	P1250	232	286	259	105	113	78	17	81	18	36.1	7	59	--
PIONEER	33N11	P1250	245	--	--	110	--	--	--	81	18	35.2	1	59	--
PIONEER	33R81	P1250	242	--	--	109	--	--	--	81	18	34.8	10	57	--
	AVERAGES		222	253	237	222	253	76	17	79	18	35.1	10	57	--
	CV (%)		8	5	--	8	5	--	--	2	3	5.4	93	2	--
	LSD (0.05)*		26	18	--	12	7	--	--	2	1	2.4	13	1	--

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

NORTH-CENTRAL KANSAS SPRINKLER-IRRIGATED CORN TEST

Irrigation Experiment Field, Scandia; Barney Gordon, agronomist; Michael Larson and Allan Milner, technicians

Crete silt loam; Soybean in 2005

220 - 30 - 0 lb/a N, P, K

Planted on 4/20/2006; Harvested on 10/9/2006

Target stand of 30,000 plants/acre; 7.0 in. spacing

Drier than normal in April, May, and June; good rainfall after July 10th. Very hot in June through 1st half of August, which may have delayed pollination.

Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	6.1	6.7	40	36	115	28
April	3.7	2.3	57	52	335	224
May	3.6	3.8	65	63	494	429
June	1.8	4.6	76	73	698	686
July	4.7	3.4	80	78	818	808
August	9.3	3.4	77	77	751	778
Sept.	4.2	3.4	63	68	409	515
Totals:	33.3	27.5	55	52	3,618	3,468

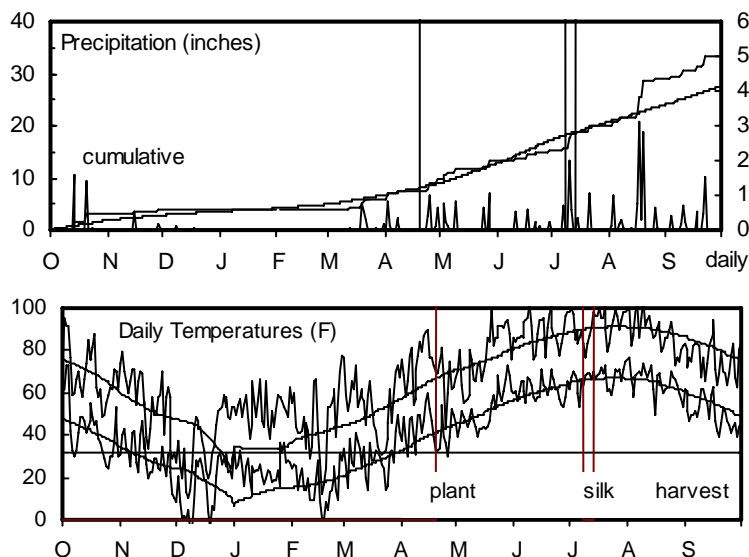


Table 8. Scandia Irrigated Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD					2005-2006		2006					
			bushels/acre		% of test		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	2006									2005
GARST	8295YG1/RR	C	214	--	--	106	--	--	--	79	17	31.9	0	58	--
MATURITY CHECK	SHRT-DKC50-20		167	202	185	83	88	74	14	80	14	35.6	0	57	--
ASGROW	RX754RR2	P250	178	--	--	88	--	--	--	80	15	33.0	2	59	--
DEKALB	DKC62-31YGCB	P250	200	--	--	98	--	--	--	80	15	32.2	0	59	--
DEKALB	DKC64-27RR2	P250	184	--	--	91	--	--	--	80	15	35.3	2	58	--
KRUGER	K-0515	P250	185	--	--	91	--	--	--	80	16	35.9	1	57	--
KRUGER	K-2414RR/YGCB	P250	210	--	--	103	--	--	--	80	16	34.2	0	58	--
DEKALB	DKC61-72RR2	P250	177	232	204	87	101	75	14	81	14	33.2	1	58	--
KRUGER	K-8605HX	P250	174	--	--	86	--	--	--	81	14	32.1	1	57	--
FONTANELLE	8K389	P250	197	--	--	97	--	--	--	81	15	31.2	0	57	--
KRUGER	K-0215	P250	199	--	--	98	--	--	--	81	15	32.5	0	58	--
KRUGER	K-5613YGCB	P250	212	--	--	105	--	--	--	81	15	33.5	1	58	--
KRUGER	K-7613YG+	P250	200	--	--	99	--	--	--	81	15	33.0	0	57	--
NC+	4947RB		206	--	--	102	--	--	--	81	15	34.3	0	56	--
FONTANELLE	7K733	P250	196	--	--	97	--	--	--	81	16	32.9	1	57	--
KRUGER	K-5315BTLLB	P250	198	--	--	97	--	--	--	81	16	34.1	1	57	--
PIONEER	32B29	P1250	228	230	229	112	100	75	15	81	16	33.3	0	59	--
PIONEER	33N11	P1250	208	--	--	103	--	--	--	81	16	36.2	0	60	--
RENZE	9406YGCB/RR	P250	188	--	--	93	--	--	--	81	16	35.4	0	58	--
TRIUMPH	1416Bt	P250	188	--	--	93	--	--	--	81	16	31.5	1	57	--
KRUGER	K-9111YGCB	CE	188	213	201	93	93	76	14	82	14	33.5	0	58	--
KRUGER	K-9212TS	CE	192	--	--	95	--	--	--	82	14	33.5	1	58	--
DYNA-GRO	57F06	P250	200	--	--	99	--	--	--	82	15	35.2	1	59	--
DYNA-GRO	58P59	P250	222	--	--	109	--	--	--	82	15	30.9	1	58	--
FONTANELLE	7951YGCB	P250	209	238	223	103	103	76	15	82	15	31.8	1	58	--
KRUGER	K-9313RR/YGCB	CE	206	--	--	101	--	--	--	82	15	33.1	2	57	--
MIDLAND-PHILLIP	763RRYGCB	P	192	--	--	95	--	--	--	82	15	32.8	4	57	--
NK	N70-C7	C	191	--	--	94	--	--	--	82	15	35.5	1	57	--
DYNA-GRO	57P93	P250	206	232	219	102	100	76	15	82	16	32.0	0	59	--
DYNA-GRO	57X97	P250	198	--	--	97	--	--	--	82	16	29.9	0	57	--

(continued)

Table 8. Scandia Irrigated Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD					2005-2006		2006					
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	2006									2005
GARST	8247YG1	C	230	--	--	113	--	--	--	82	16	32.5	0	58	--
KRUGER	K-8615HX	P250	194	--	--	96	--	--	--	82	16	33.4	0	59	--
KRUGER	K-8616HX	CE	203	--	--	100	--	--	--	82	16	35.9	3	58	--
KRUGER	K-9115TS	CE	206	--	--	102	--	--	--	82	16	32.6	1	58	--
MIDLAND-PHILLIP	7B15RRYGCB	P	206	233	220	102	101	76	15	82	16	32.7	1	57	--
MYCOGEN	2T801	C	214	234	224	105	102	75	15	82	16	34.5	0	58	--
PFISTER	2688RWBt		199	--	--	98	--	--	--	82	16	31.4	1	57	--
PFISTER	2730RRBt		197	--	--	97	--	--	--	82	16	33.8	1	58	--
RENZE	1454YGPL/RR	P250	210	--	--	103	--	--	--	82	16	30.8	1	57	--
RENZE	2526YGRW/RR	P250	181	--	--	89	--	--	--	82	16	31.5	2	57	--
RENZE	8454YGCB	P250	198	--	--	98	--	--	--	82	16	30.0	1	57	--
RENZE	9526YGCB/RR	P250	218	241	230	108	105	76	16	82	16	32.9	1	56	--
TAYLOR	955RR/Bt	P250	204	--	--	101	--	--	--	82	16	32.2	0	59	--
CROPLAN GEN.	6992RB	C	211	--	--	104	--	--	--	82	17	33.7	2	56	--
DYNA-GRO	57F37	P250	212	--	--	105	--	--	--	82	17	33.5	1	58	--
GARST	8275YG1	C	214	241	228	105	105	75	16	82	17	32.1	1	56	--
KRUGER	K-5416YGCB	CE	216	231	223	106	100	77	16	82	17	36.3	2	57	--
MIDLAND-PHILLIP	712YGCB	P	199	--	--	98	--	--	--	82	17	32.1	2	58	--
PIONEER	33R81	P1250	218	--	--	107	--	--	--	82	17	30.9	2	58	--
RENZE	8386YGCB	P250	213	237	225	105	103	76	16	82	17	36.8	1	59	--
MATURITY CHECK	MID-NC+4823B		203	226	214	100	98	77	15	83	14	33.0	1	57	--
MYCOGEN	2T780	C	204	242	223	100	105	77	15	83	15	35.0	3	58	--
NC+	5555HL		207	244	226	102	106	77	15	83	15	32.9	0	57	--
NK	N76-D3	C	204	236	220	101	102	77	15	83	15	33.5	0	57	--
CROPLAN GEN.	731Hx	C	214	234	224	106	102	77	15	83	16	34.5	0	57	--
CROPLAN GEN.	7558RB	C	202	--	--	100	--	--	--	83	16	35.5	0	58	--
KRUGER	K-8414HX	CE	206	231	219	102	100	77	15	83	16	34.2	2	58	--
MYCOGEN	2T828	C	218	--	--	108	--	--	--	83	16	33.3	1	57	--
DYNA-GRO	57P12	P250	214	--	--	106	--	--	--	83	17	33.1	1	57	--
GOLDEN ACRES	2841RRB	P250	216	230	223	107	100	78	16	83	17	31.5	2	57	--
KRUGER	K-2517RR/YGCB	CE	221	236	228	109	102	77	16	83	17	32.9	1	57	--
MIDLAND-PHILLIP	728RRYGCB	P	210	--	--	104	--	--	--	83	17	32.0	3	57	--
MIDLAND-PHILLIP	7A29RRYGCB	P	202	244	223	100	106	77	16	83	17	31.1	1	56	--
MATURITY CHECK	FULL-R8526YGC		219	249	234	108	108	77	16	83	18	32.6	1	57	--
DYNA-GRO	58K04	P250	181	--	--	89	--	--	--	84	16	31.5	2	59	--
PFISTER	3356T		220	--	--	109	--	--	--	84	17	32.4	1	57	--
MATURITY CHECK	FULL - M798		193	229	211	95	99	79	16	85	18	31.2	1	59	--
	AVERAGES		203	231	217	203	231	76	15	82	16	33.1	1	58	--
	CV (%)		5	4	--	5	4	--	--	1	1	4.9	211	0	--
	LSD (0.05)*		13	13	--	6	5	--	--	2	--	2.3	3	0	--

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

Table 9. NORTHEAST Kansas IRRIGATED corn hybrid yield summary (% of test avg.), 2006.

BRAND/NAME	TOP*	CLC	SCA	AVG.	BRAND/NAME	TOP	CLC	SCA	AVG.
AGSOURCE					MIDLAND				
6276CBRR	95	--	--	--	MG 417Bt	98	--	--	--
6286CBRR	102	--	--	--	MG 436Bt	107	--	--	--
6486CBRR	108	--	--	--	MG 617Bt	97	--	--	--
ASGROW					MIDLAND-PHILLIPS				
RX715RR2/YGCB	100	--	--	--	712YGCB	--	98	98	--
RX752RR/YGCB	101	--	--	--	728RRYGCB	--	93	104	--
RX754RR2	95	--	88	--	763RRYGCB	--	91	95	--
CROPLAN GEN.					MYCOGEN				
6992RB	102	103	104	103	2C727	99	--	--	--
731Hx	102	--	106	--	2T780	111	92	100	101
751RR/Bt	--	111	--	--	2T801	101	96	105	101
7558RB	99	102	100	100	2T828	102	106	108	105
DEKALB					NC+				
DKC61-72RR2	--	--	87	--	4947RB	--	--	102	--
DKC62-31YGCB	--	--	98	--	5433RB	--	93	--	--
DKC63-81RR2/YGCB	93	--	--	--	5555HL	103	--	102	--
DKC64-27RR2	94	--	91	--	6122RB	105	107	--	--
DYNA-GRO					NK				
57F06	--	108	99	--	N70-C7	104	--	94	--
57F37	--	105	105	--	N76-D3	103	--	101	--
57P12	--	107	106	--	PFISTER				
57P93	--	94	102	--	2688RWBt	92	92	98	94
57X97	--	97	97	--	2730RRBt	91	99	97	96
58K04	--	101	89	--	3356T	98	101	109	103
58P59	--	99	109	--	PHILLIPS				
FONTANELLE					PIONEER				
7951YGCB	--	99	103	--	32B29	111	105	112	109
7K733	--	97	97	--	33K40	106	--	--	--
8K389	--	89	97	--	33N11	--	110	103	--
GARST					PREMIUM				
8225YG1/RR	--	92	--	--	P241	--	81	--	--
8247YG1	117	124	113	118	PRODUCERS				
8275YG1	104	--	105	--	7361YGCB	106	--	--	--
8295YG1/RR	107	115	106	109	7373YGCBBR	105	--	--	--
GOLDEN ACRES					RENZE				
2841RRB	100	105	107	104	1454YGPL/RR	94	94	103	97
KRUGER					TAYLOR				
K-0215	--	--	98	--	2281HX	106	--	--	--
K-0313	96	--	--	--	955RR/Bt	--	93	101	--
K-0413	104	--	--	--	990RR/Bt	107	--	--	--
K-0515	--	--	91	--	TRIUMPH				
K-2414RR/YGCB	101	102	103	102	1416Bt	--	--	93	--
K-2517RR/YGCB	106	110	109	108	1756CBRR	--	99	--	--
K-5315BTLLB	--	--	97	--	1866Bt	--	114	--	--
K-5416YGCB	93	100	106	100					
K-5613YGCB	106	104	105	105					
K-5617YGCB	96	--	--	--					
K-7613YG+	99	103	99	100					
K-8213HX	100	--	--	--					
K-8414HX	104	93	102	99					
K-8516HX	108	--	--	--					
K-8605HX	--	--	86	--					
K-8614HXB	--	106	--	--					
K-8615HX	--	--	96	--					
K-8616HX	98	96	100	98					
K-9111YGCB	89	92	93	91					
K-9115TS	97	100	102	99					
K-9212TS	94	99	95	96					
K-9313RR/YGCB	93	102	101	99					
LEWIS									
7065CB/RR	109	105	--	--					

* TOP = Topeka, Shawnee Co.

CLC = Clay Center, Clay Co.

SCA = Scandia, Republic Co.

Table 9. NORTHEAST Kansas IRRIGATED corn hybrid yield summary (% of test avg.), 2006.

BRAND/NAME	TOP*	CLC	SCA	AVG.	BRAND/NAME	TOP	CLC	SCA	AVG.
MATURITY CHECK									
FULL - M798	92	96	95	95					
FULL-R8526YGCB	105	104	108	106					
MID-NC+4823B	90	91	100	93					
SHRT-DKC50-20	78	76	83	79					
AVERAGES	215	222	203	213					
CV (%)	8	8	5	--					
LSD (0.05)	11	12	6	--					

* TOP = Topeka, Shawnee Co. CLC = Clay Center, Clay Co. SCA = Scandia, Republic Co.

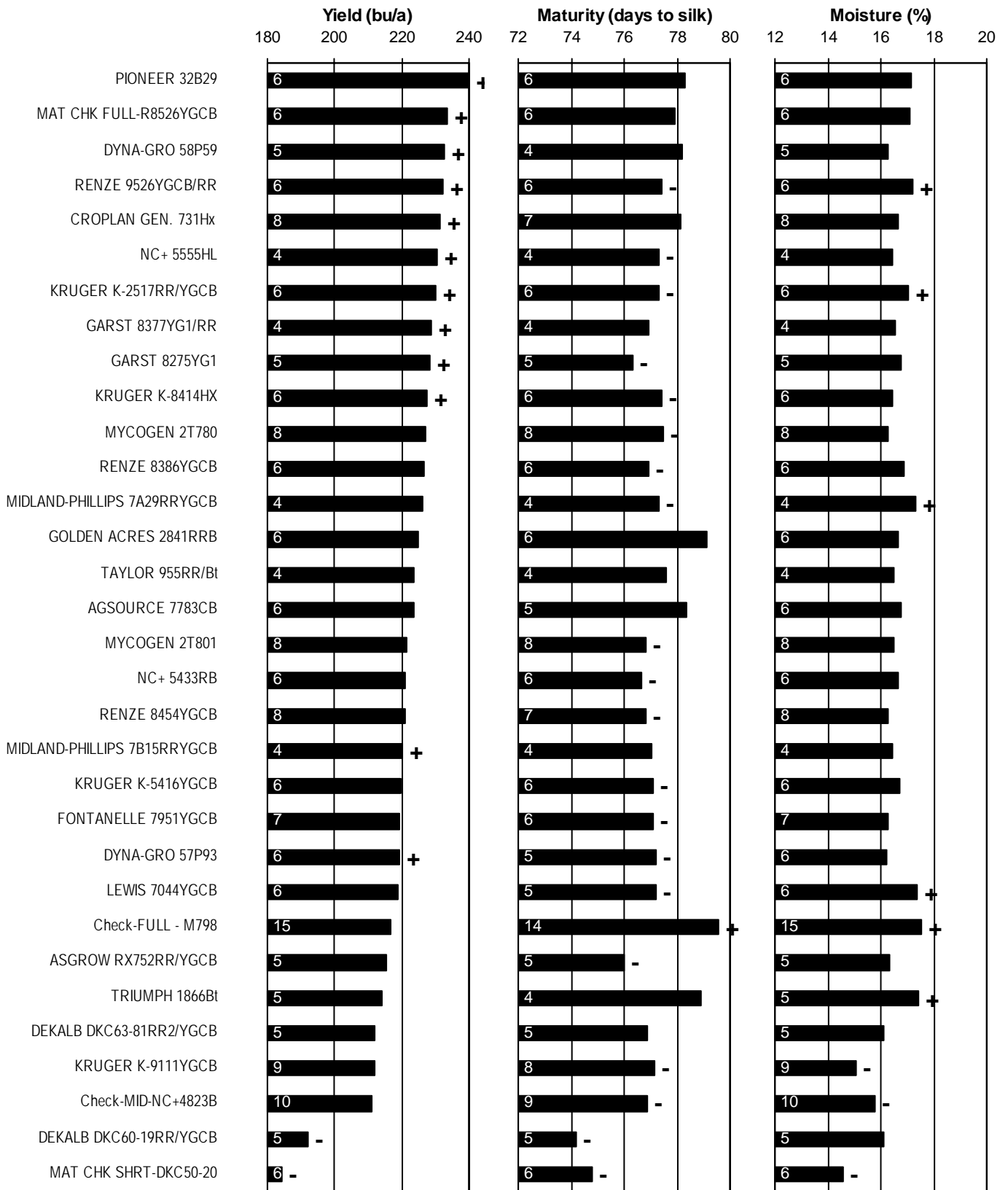


Figure 5. NORTHEAST Kansas IRRIGATED corn hybrid standardized performance summary, 2002-2006.

Values within bars indicate the number of comparisons with checks. Symbols (+, -) indicate if statistically higher or lower than mean of checks.

EASTERN KANSAS DRYLAND CORN TEST ON SILTY CLAY LOAM

Private farm northwest of Topeka; Larry Maddux, agronomist; Charles Clark and William Riley, technicians

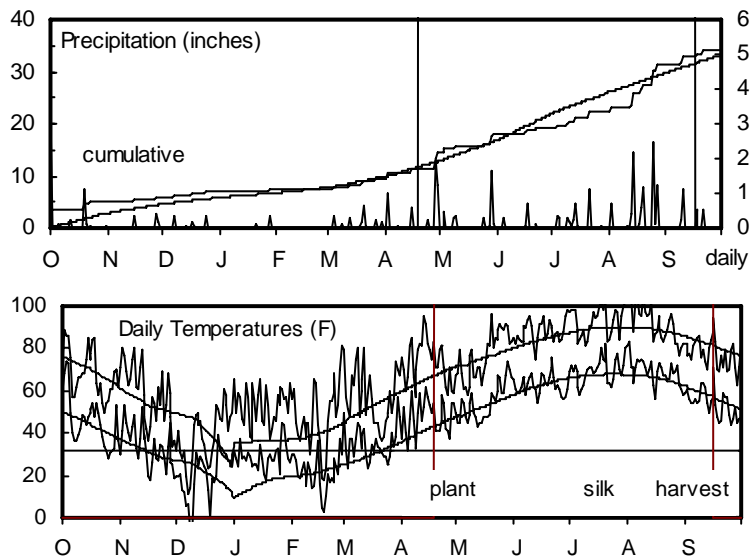
Silty clay loam; Soybean in 2005

155 - 35 - 0 lb/a N, P, K

Planted on 4/19/2006; Harvested on 9/15/2006

Target stand of 22,000 plants/acre; 9.5 in. spacing

Dry growing conditions decreased yields; all hybrids had some degree of lodging; dropped ears in some plots.



Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	9.6	9.9	43	38	129	55
April	5.1	3.0	61	54	382	242
May	3.2	4.0	66	64	502	452
June	1.2	5.1	76	73	717	704
July	3.4	4.1	82	78	860	828
August	9.0	3.7	80	77	830	799
Sept.	2.5	3.3	66	69	487	547
Totals:	34.0	33.0	57	54	3,906	3,627

Table 10. Topeka Dryland Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD						2005-2006		2006					
			bushels/acre			% of test			Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.
			2006	2005	2-Yr. AVG.	2006	2005	2006								
MATURITY CHECK	SHRT-DKC50-20		105	145	125	93	79	73	13	72	13	21.7	17	56	--	
FONTANELLE	8K389	P250	118	--	--	105	--	--	--	73	14	19.5	8	57	--	
MATURITY CHECK	MID-NC+4823B		110	180	145	98	99	75	14	74	13	21.6	6	55	--	
MIDLAND	MG 417Bt	P250	114	--	--	101	--	--	--	74	13	20.2	15	54	--	
MYCOGEN	2C727	C	126	--	--	113	--	--	--	74	13	22.3	10	54	--	
NC+	4947RB		112	--	--	100	--	--	--	74	13	20.8	14	55	--	
WILLCROSS	3097X1CB		115	--	--	103	--	--	--	74	13	21.7	9	54	--	
FONTANELLE	7K733	P250	124	--	--	110	--	--	--	74	14	21.7	8	56	--	
GARST	8535YG1/RR	C	120	--	--	107	--	--	--	74	14	23.3	5	55	--	
RENZE	1454YGPL/RR	P250	113	--	--	101	--	--	--	74	14	20.7	8	57	--	
RENZE	8454YGCB	P250	112	190	151	100	104	75	15	74	14	21.9	10	56	--	
RENZE	9406YGCB/RR	P250	110	--	--	98	--	--	--	74	14	21.3	10	57	--	
CROPLAN GEN.	663RR/BT	C	104	--	--	93	--	--	--	75	13	21.4	8	57	--	
GARST	8566YG1	C	112	186	149	100	102	75	14	75	13	21.7	14	54	--	
WILLCROSS	3116RRCB		103	--	--	92	--	--	--	75	13	21.7	12	57	--	
CROPLAN GEN.	6992RB	C	120	--	--	107	--	--	--	75	14	22.2	26	56	--	
FONTANELLE	7951YGCB	P250	111	--	--	99	--	--	--	75	14	21.1	9	56	--	
KRUGER	K-2414RR/YGCB	P250	103	--	--	92	--	--	--	75	14	21.1	19	57	--	
KRUGER	K-5416YGCB	CE	120	166	143	108	91	75	14	75	14	22.4	21	55	--	
KRUGER	K-9212TS	CE	128	--	--	114	--	--	--	75	14	21.1	6	56	--	
MIDLAND	MG 7A15Bt/RR	P250	109	--	--	98	--	--	--	75	14	21.2	9	55	--	
NK	N70-C7	C	118	--	--	106	--	--	--	75	14	21.1	14	56	--	
PIONEER	34A16	P1250	115	--	--	102	--	--	--	75	14	20.4	28	57	--	
KRUGER	K-9313RR/YGCB	CE	110	--	--	98	--	--	--	76	13	21.5	2	54	--	
NK	N65-C5	C	115	--	--	103	--	--	--	76	13	22.1	4	55	--	
WILLCROSS	3027X1HX		114	--	--	102	--	--	--	76	13	20.7	14	56	--	
CROPLAN GEN.	731Hx	C	104	183	143	93	100	76	15	76	14	22.2	16	55	--	
FIELDER'S CHOICE	7728 S	P250	95	--	--	85	--	--	--	76	14	19.8	10	55	--	
FIELDER'S CHOICE	7830 S	P250	98	--	--	87	--	--	--	76	14	20.8	27	57	--	
FIELDER'S CHOICE	9612 B	P250	116	--	--	104	--	--	--	76	14	20.9	12	55	--	

(continued)

Table 10. Topeka Dryland Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD					2005-2006		2006					
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average									2006
KRUGER	K-5613YGCB	P250	111	--	--	99	--	--	--	76	14	20.2	3	55	--
KRUGER	K-5617YGCB	P250	100	183	141	89	100	76	15	76	14	22.3	25	57	--
KRUGER	K-7613YG+	P250	111	--	--	99	--	--	--	76	14	20.1	22	56	--
KRUGER	K-8616HX	CE	119	--	--	106	--	--	--	76	14	23.1	10	55	--
KRUGER	K-9111YGCB	CE	113	163	138	101	89	76	14	76	14	22.9	15	54	--
KRUGER	K-9115TS	CE	115	--	--	102	--	--	--	76	14	20.8	13	56	--
MIDLAND	MG 436Bt	P250	111	--	--	99	--	--	--	76	14	20.0	6	56	--
MIDLAND	MG 617Bt	P250	108	--	--	96	--	--	--	76	14	20.7	13	55	--
MIDLAND	MG 7A53Bt	P250	121	200	160	108	109	76	15	76	14	22.7	15	56	--
MYCOGEN	2M797	C	103	--	--	92	--	--	--	76	14	21.1	1	54	--
MYCOGEN	2T780	C	121	190	155	108	104	76	15	76	14	22.7	24	55	--
MYCOGEN	2T801	C	115	186	150	102	102	76	15	76	14	21.9	16	56	--
PFISTER	2688RWBt		119	--	--	107	--	--	--	76	14	21.5	15	56	--
PFISTER	2730RRBt		100	--	--	89	--	--	--	76	14	20.0	3	54	--
RENZE	8386YGCB	P250	111	164	138	100	90	76	15	76	14	22.0	21	56	--
TAYLOR	830Bt	P250	118	--	--	106	--	--	--	76	14	20.5	2	56	--
MATURITY CHECK	FULL-R8526YGC		113	180	147	101	99	76	16	76	15	20.7	23	55	--
RENZE	9526YGCB/RR	P250	120	202	161	107	111	76	17	76	15	21.0	26	55	--
RENZE	2526YGRW/RR	P250	126	--	--	113	--	--	--	76	16	20.8	25	55	--
PIONEER	32B29	P1250	107	--	--	95	--	--	--	77	14	22.3	14	56	--
WILLCROSS	3157X2		105	--	--	94	--	--	--	77	14	22.0	11	55	--
FIELDER'S CHOICE	7880 S	P250	105	--	--	94	--	--	--	77	15	21.3	32	55	--
KRUGER	K-2517RR/YGCB	CE	112	207	160	100	114	77	16	77	15	21.0	26	55	--
MIDLAND	MG 7A58Bt/RR	P250	119	--	--	107	--	--	--	77	15	20.8	24	55	--
NC+	6122RB		112	--	--	100	--	--	--	77	15	21.3	31	54	--
PFISTER	3356T		113	--	--	101	--	--	--	77	15	21.2	34	55	--
PIONEER	33K40	P1250	129	--	--	115	--	--	--	77	15	22.3	8	57	--
GOLDEN ACRES	2841RRB	P250	94	199	147	84	109	78	15	78	14	20.1	11	53	--
KRUGER	K-8414HX	CE	116	200	158	103	109	77	15	78	14	21.9	14	55	--
MIDLAND	MG 7A28Bt/RR	P250	96	--	--	86	--	--	--	78	15	17.1	8	53	--
MATURITY CHECK	FULL - M798		96	171	134	86	94	78	16	78	16	23.4	9	55	--
	AVERAGES		112	183	147	112	183	76	15	76	14	21.3	14	55	--
	CV (%)		9	9	--	9	9	--	--	1	3	7.3	78	1	--
	LSD (0.05)*		15	24	--	13	13	--	--	1	1	2.2	16	1	--

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

EAST-CENTRAL KANSAS DRYLAND CORN TEST ON UPLAND SILT LOAM SOIL

East Central Kansas Experiment Field, Ottawa; Larry Maddux, agronomist; Jim Kimball, technician

Woodson silt loam; Soybean in 2005

120 - 30 - 15 lb/a N, P, K

Planted on 4/4/2006; Harvested on 9/1/2006

Target stand of 21,000 plants/acre; 10.0 in. spacing

Lodging was extensive for some hybrids, likely due to Fusarium stalk rot.

Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	7.3	9.3	44	41	157	94
April	4.3	3.0	62	56	428	278
May	3.1	4.3	65	65	486	481
June	1.8	4.8	75	74	699	713
July	3.2	4.1	81	80	846	831
August	5.5	3.1	81	79	846	807
Sept.	1.8	4.2	65	71	462	616
Totals:	27.0	32.7	58	56	3,924	3,820

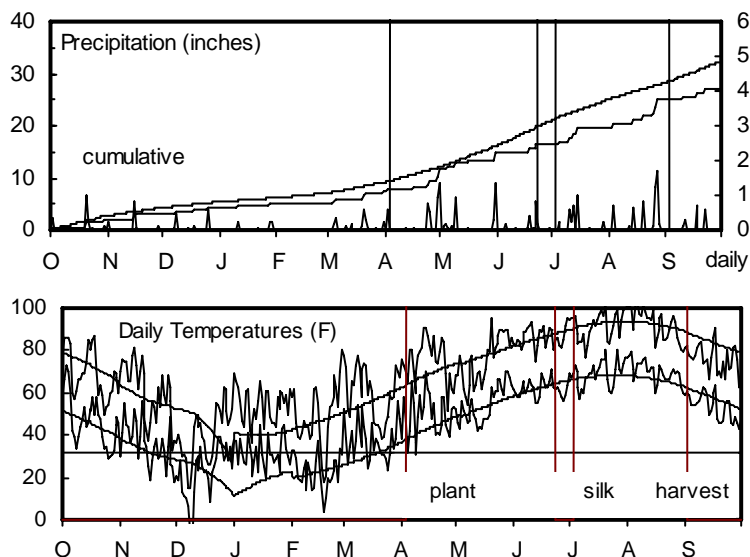


Table 11. Ottawa Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days	Grain	Days	Grain	Pop.	Ldg	Test	Ht.	
			2006	2005	2-Yr. AVG.	% average	Silk	to Moist.	Silk	to Moist.	1000 ppa	%	lb/bu	in.	
MATURITY CHECK	SHRT-DKC50-20		118	121	119	91	82	73	14	69	14	24.8	3	55	--
MFA	MC4072CB	C	125	--	--	96	--	--	--	71	15	24.8	29	56	--
PIONEER	34P88	P1250	138	175	157	107	119	76	16	71	15	23.9	0	55	--
KRUGER	K-9212TS	CE	129	--	--	100	--	--	--	71	16	26.3	49	55	--
ASGROW	RX715RR2/YGCB	P250	142	--	--	109	--	--	--	72	15	27.3	9	55	--
DEKALB	DKC54-53RR2/YG	P250	118	--	--	91	--	--	--	72	15	24.9	10	55	--
MATURITY CHECK	MID-NC+4823B		132	146	139	102	100	76	15	72	15	25.7	41	55	--
PIONEER	35D28	P1250	125	--	--	97	--	--	--	72	15	24.0	32	55	--
RENZE	9406YGCB/RR	P250	127	--	--	98	--	--	--	72	15	25.6	14	57	--
WILLCROSS	3103RRCB		132	--	--	102	--	--	--	72	15	24.8	32	57	--
ASGROW	RX752RR/YGCB	P250	137	--	--	106	--	--	--	72	16	27.3	15	56	--
DEKALB	DKC60-19RR/YG	P250	139	--	--	107	--	--	--	72	16	25.7	0	56	--
MIDLAND	MG 7A53Bt	P250	134	165	149	103	112	76	16	72	16	24.8	40	56	--
ASGROW	RX655RR2	P250	116	--	--	90	--	--	--	73	15	26.0	20	56	--
GARST	8566YG1	C	130	150	140	100	102	77	15	73	15	24.6	45	54	--
MIDLAND	MG 7B13Bt/RR	P250	136	159	148	105	109	77	16	73	15	25.1	42	55	--
MYCOGEN	2C727	C	125	--	--	96	--	--	--	73	15	26.8	21	53	--
NK	N65-M7	C	138	144	141	107	99	77	15	73	15	25.1	19	55	--
WILLCROSS	3027X1HX		126	--	--	98	--	--	--	73	15	25.8	15	56	--
DYNA-GRO	57F32	P250	119	--	--	92	--	--	--	73	16	22.7	21	57	--
KRUGER	K-9115TS	CE	132	--	--	102	--	--	--	73	16	26.0	7	56	--
MIDLAND	MG 417Bt	P250	134	--	--	104	--	--	--	73	16	25.0	24	55	--
MIDLAND	MG 436Bt	P250	132	--	--	102	--	--	--	73	16	22.1	19	55	--
RENZE	1454YGPL/RR	P250	136	--	--	105	--	--	--	73	16	25.7	13	55	--
DYNA-GRO	57F37	P250	130	--	--	100	--	--	--	74	15	25.5	55	55	--
MFA	XP160	P	126	--	--	97	--	--	--	74	15	26.3	64	55	--
MFA	XP166	P	126	--	--	97	--	--	--	74	15	25.7	6	57	--
NK	N68-B8	C	136	--	--	105	--	--	--	74	15	25.3	6	54	--
PHILLIPS	712YGCB	P	119	--	--	92	--	--	--	74	15	24.1	28	55	--
RENZE	8386YGCB	P250	125	153	139	96	105	78	16	74	15	26.2	56	55	--
WILLCROSS	3107X5RRCB		116	--	--	89	--	--	--	74	15	25.2	6	56	--

(continued)

Table 11. Ottawa Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average 2006 2005									
PFISTER	2688RWBt		137	--	--	106	--	--	--	74	16	21.0	26	55	--
PHILLIPS	7B15RRYGCB	P	114	141	128	88	97	78	16	74	16	24.8	18	56	--
RENZE	8454YGCB	P250	132	157	144	102	107	77	16	74	16	25.0	3	55	--
CROPLAN GEN.	6992RB	C	134	--	--	103	--	--	--	74	17	25.2	38	53	--
KRUGER	K-2414RR/YGCB	P250	104	--	--	80	--	--	--	75	15	25.2	39	54	--
KRUGER	K-5416YGCB	CE	128	150	139	99	103	78	16	75	15	26.6	42	55	--
MYCOGEN	2K717	C	142	--	--	110	--	--	--	75	15	25.4	16	54	--
PFISTER	2730RRBt		138	--	--	106	--	--	--	75	15	24.7	22	53	--
CROPLAN GEN.	643RR/Bt	C	128	--	--	99	--	--	--	75	16	27.1	39	57	--
DYNA-GRO	57P46	P250	133	--	--	103	--	--	--	75	16	25.1	29	54	--
KRUGER	K-8516HX	P250	130	--	--	100	--	--	--	75	16	23.0	7	54	--
KRUGER	K-9313RR/YGCB	CE	133	--	--	103	--	--	--	75	16	25.7	9	54	--
NK	N70-C7	C	128	--	--	99	--	--	--	75	16	28.1	47	55	--
PFISTER	3356T		154	--	--	119	--	--	--	75	18	22.9	17	54	--
KRUGER	K-8213HX	P250	123	--	--	95	--	--	--	76	15	24.6	19	54	--
KRUGER	K-8414HX	CE	131	158	145	101	108	79	16	76	15	26.2	22	54	--
KRUGER	K-8616HX	CE	133	--	--	102	--	--	--	76	15	26.9	30	54	--
KRUGER	K-9111YGCB	CE	129	135	132	100	92	79	15	76	15	24.0	10	53	--
MFA	MC4173RRCB	C	131	--	--	101	--	--	--	76	15	24.0	16	53	--
DYNA-GRO	57F06	P250	143	--	--	110	--	--	--	76	16	25.9	47	55	--
DYNA-GRO	57X97	P250	134	--	--	104	--	--	--	76	16	24.0	47	54	--
NK	N76-D3	C	128	--	--	99	--	--	--	76	16	25.1	10	55	--
WILLCROSS	3157X2		129	--	--	100	--	--	--	76	16	24.6	0	54	--
KRUGER	K-2517RR/YGCB	CE	128	158	143	99	108	79	18	76	17	24.9	26	53	--
MATURITY CHECK	FULL-R8526YGC		141	170	155	109	116	79	18	76	17	25.9	34	53	--
PHILLIPS	7A29RRYGCB	P	132	163	148	102	112	79	18	76	17	22.2	14	53	--
RENZE	2526YGRW/RR	P250	121	--	--	94	--	--	--	76	17	23.7	20	52	--
RENZE	9526YGCB/RR	P250	141	141	141	109	96	79	18	76	17	24.9	13	53	--
PREMIUM	P254		121	--	--	94	--	--	--	77	16	25.4	0	57	--
WILLCROSS	3194RRCB		133	--	--	102	--	--	--	77	17	25.3	25	53	--
TRIUMPH	1866Bt	P250	112	--	--	87	--	--	--	78	16	25.9	81	55	--
MATURITY CHECK	FULL - M798		111	122	116	86	83	81	17	78	17	24.4	33	55	--
MFA	MC4474CB	C	125	--	--	96	--	--	--	78	17	24.5	33	52	--
MIDLAND	MG 7A28Bt/RR	P250	136	--	--	105	--	--	--	78	17	22.3	14	52	--
PIONEER	33K40	P1250	132	--	--	102	--	--	--	78	17	24.7	3	57	--
TRIUMPH	1756CBRR	P250	133	--	--	103	--	--	--	78	17	24.9	24	51	--
GOLDEN ACRES	2841RRB	P250	130	173	152	100	118	81	18	78	18	21.9	11	51	--
	AVERAGES		129	146	138	129	146	78	16	74	16	25.0	24	55	--
	CV (%)		9	8	--	9	8	--	--	2	3	5.6	72	1	--
	LSD (0.05)*		17	16	--	13	11	--	--	2	1	1.9	24	1	--

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

EAST-CENTRAL KANSAS DRYLAND SHORT-SEASON CORN TEST ON SILT LOAM SOIL

East Central Kansas Experiment Field, Ottawa; Larry Maddux, agronomist; Jim Kimball, technician

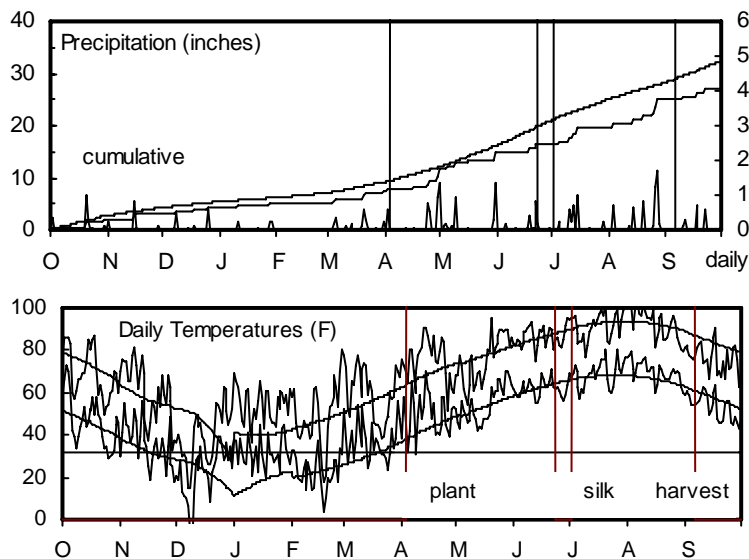
Woodson silt loam; Soybean in 2005

120 - 30 - 15 lb/a N, P, K

Planted on 4/4/2006; Harvested on 9/5/2006

Target stand of 22,000 plants/acre; 9.5 in. spacing

Environmental stresses started early enough to reduce yields of short-season hybrids; some later-maturing hybrids had extensive lodging.



Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	7.3	9.3	44	41	157	94
April	4.3	3.0	62	56	428	278
May	3.1	4.3	65	65	486	481
June	1.8	4.8	75	74	699	713
July	3.2	4.1	81	80	846	831
August	5.5	3.1	81	79	846	807
Sept.	1.8	4.2	65	71	462	616
Totals:	27.0	32.7	58	56	3,924	3,820

Table 12. Ottawa Short-season Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD		2005-2006				2006						
			bushels/acre		% of test average	Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.		
			2006	2005										2-Yr. AVG.	2006
MIDLAND	MG 126Bt	P250	133	--	--	101	--	--	--	70	14	26.9	0	55	--
DEKALB	DKC50-20RR/YG	P250	110	122	116	83	97	73	15	70	15	25.8	0	57	--
MATURITY CHECK	SHRT-DKC50-20		119	106	113	90	85	74	15	70	15	26.9	0	56	--
NC+	1773RB		134	--	--	102	--	--	--	70	15	27.2	3	57	--
PIONEER	35P10	P1250	133	124	129	101	99	73	15	70	16	26.6	6	56	--
GARST	8880YG1	C	129	119	124	98	95	73	14	71	15	25.6	3	55	--
KRUGER	K-1500RR	CE	136	125	131	103	100	75	15	71	15	28.1	0	56	--
KRUGER	K-0605B	CE	123	--	--	93	--	--	--	71	16	26.1	0	56	--
KRUGER	K-6503TS	CE	125	--	--	95	--	--	--	71	16	27.7	3	58	--
MIDLAND	MG 247Bt	P250	121	--	--	92	--	--	--	71	16	29.8	3	57	--
MIDLAND	MG 117Bt	P250	132	--	--	100	--	--	--	72	14	27.8	7	56	--
CROPLAN GEN.	501RR2/Bt	C	133	--	--	101	--	--	--	72	15	25.8	0	54	--
DYNA-GRO	55P86	P250	126	--	--	95	--	--	--	72	15	23.4	21	56	--
DYNA-GRO	56K44	P250	124	--	--	94	--	--	--	72	15	24.7	9	56	--
KRUGER	K-1606RR	P250	147	--	--	111	--	--	--	72	15	30.3	5	55	--
MATURITY CHECK	MID-NC+4823B		145	137	141	110	109	76	15	72	15	26.9	23	55	--
PIONEER	35T06	P1250	144	--	--	109	--	--	--	72	15	25.8	0	54	--
TAYLOR	904RR/Bt	P250	124	142	133	94	113	76	15	72	15	22.0	0	56	--
GARST	8534YG1/RR	C	135	--	--	102	--	--	--	72	16	26.6	17	55	--
KRUGER	K-2506RR/YGCB	CE	133	133	133	101	105	77	15	73	14	28.3	33	56	--
MFA	MC3573RRCB	C	130	--	--	99	--	--	--	73	14	26.5	39	56	--
GARST	8566YG1	C	133	--	--	101	--	--	--	73	15	26.6	49	55	--
KRUGER	K-8602HX	CE	132	140	136	100	111	76	15	73	15	27.1	18	56	--
KRUGER	K-9203RR/YGCB	CE	125	136	130	95	108	76	14	73	15	27.7	9	54	--
MFA	XP164	P	140	--	--	106	--	--	--	73	15	27.2	28	56	--
NC+	3801R		126	--	--	96	--	--	--	73	15	26.1	15	55	--
NK	N65-M7	C	150	--	--	114	--	--	--	73	15	27.7	38	55	--
PIONEER	35D28	P1250	134	--	--	101	--	--	--	73	15	25.8	42	55	--
CROPLAN GEN.	521RR2/Bt	C	122	--	--	93	--	--	--	73	16	26.0	0	57	--
CROPLAN GEN.	576Bt/CL	C	136	--	--	103	--	--	--	73	16	25.5	6	55	--
DYNA-GRO	55B65	P250	127	--	--	97	--	--	--	73	16	24.1	0	57	--
PRODUCERS	6943YGCBRR	P250	144	--	--	109	--	--	--	73	16	26.9	15	56	--
KRUGER	K-5504YGCB	CE	137	134	135	104	106	77	14	74	14	28.5	15	56	--
DYNA-GRO	56P07	P250	121	--	--	92	--	--	--	74	15	24.4	5	57	--
KRUGER	K-5505YGCB	CE	143	118	131	109	94	77	15	74	15	28.3	29	56	--
NK	N65-C5	C	136	--	--	103	--	--	--	74	15	27.7	32	55	--
TRIUMPH	7861CBRR	P250	127	132	130	96	105	77	15	74	15	28.7	44	56	--

Table 12. Ottawa Short-season Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treat- ment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average 2006 2005									
MATURITY CHECK	FULL-R8526YGC		145	--	--	110	--	--	--	75	17	27.3	18	53	--
KRUGER	K-8605HX	P250	134	--	--	102	--	--	--	76	15	22.5	11	55	--
MATURITY CHECK	FULL - M798		125	112	118	95	89	81	17	78	17	22.7	13	55	--
	AVERAGES		132	126	129	132	126	76	15	73	15	26.5	14	56	--
	CV (%)		9	9	--	9	9	--	--	1	2	5.9	97	1	--
	LSD (0.05)*		17	15	--	13	12	--	--	1	--	2.2	19	1	--

* C=Cruiser®, P=Poncho®, CE= Cruiser® Extreme. Numbers indicate rates if available. Top LSD group in bold.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior.

SOUTHEAST KANSAS DRYLAND CORN TEST ON RIVER-BOTTOM SILT LOAM SOIL

Private farm south of Erie; James Long, agronomist; Kelly Kusel, research technician

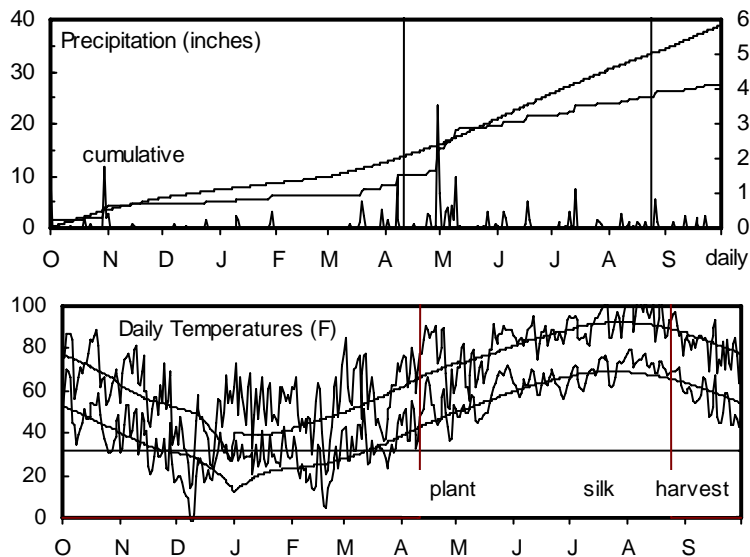
Lanton silt loam; Soybean in 2005

210 - 0 - 0 lb/a N, P, K

Planted on 4/12/2006; Harvested on 8/23/2006

Target stand of 25,000 plants/acre; 8.4 in. spacing

Deep soils in river bottom helped yields; good early establishment with timely rains; very hot late in the season.



Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	8.1	12.5	44	41	163	87
April	7.4	3.5	62	56	403	272
May	4.2	4.9	67	66	541	494
June	1.9	4.9	75	74	718	728
July	2.4	4.6	81	80	860	845
August	2.1	4.0	83	79	866	815
Sept.	1.2	4.4	67	71	507	599
Totals:	27.4	38.7	58	56	4,058	3,840

Table 13. Erie Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	2006	2005								
MATURITY CHECK	SHRT-DKC50-20		129	--	--	94	--	--	--	66	13	25.1	2	57	91
GARST	8880YG1	C	101	--	--	74	--	--	--	67	13	25.1	0	56	95
GARST	8566YG1	C	129	--	--	94	--	--	--	68	15	23.8	2	56	102
NC+	4947RB		150	--	--	109	--	--	--	68	15	23.4	2	56	101
DYNA-GRO	57F37	P250	138	--	--	101	--	--	--	69	14	23.8	1	57	98
MFA	MC4072CB	C	145	--	--	106	--	--	--	69	14	24.6	1	58	98
MFA	XP166	P	131	--	--	96	--	--	--	69	14	25.1	1	59	89
DYNA-GRO	57F06	P250	155	--	--	113	--	--	--	69	15	25.5	2	56	107
DYNA-GRO	57F32	P250	135	--	--	98	--	--	--	69	15	24.4	2	58	101
DYNA-GRO	57P46	P250	135	--	--	98	--	--	--	69	15	24.6	2	57	111
MFA	XP160	P	140	--	--	102	--	--	--	69	15	23.6	0	57	98
MIDLAND	MG 7A53Bt	P250	151	--	--	110	--	--	--	69	15	24.1	2	56	104
MATURITY CHECK	FULL-R8526YGC		162	--	--	118	--	--	--	69	16	23.6	2	56	106
MATURITY CHECK	MID-NC+4823B		136	--	--	99	--	--	--	70	14	23.8	1	57	104
WILLCROSS	3107X5RRCB		136	--	--	99	--	--	--	70	14	23.5	1	57	96
CROPLAN GEN.	731Hx	C	156	--	--	114	--	--	--	70	15	24.9	2	56	109
GARST	8534YG1/RR	C	132	--	--	96	--	--	--	70	15	25.4	1	56	100
MIDLAND	MG 617Bt	P250	144	--	--	105	--	--	--	70	15	24.5	1	56	103
CROPLAN GEN.	6992RB	C	148	--	--	108	--	--	--	70	16	24.9	1	55	106
MIDLAND	MG 7A15Bt/RR	P250	130	--	--	95	--	--	--	70	16	23.9	1	56	106
MFA	MC4173RRCB	C	141	--	--	103	--	--	--	71	15	24.8	1	55	99
NC+	5555HL		154	--	--	112	--	--	--	71	15	25.5	3	56	104
MIDLAND	MG 7A58Bt/RR	P250	131	--	--	96	--	--	--	71	17	22.2	1	55	111
PIONEER	32B29	P1250	147	--	--	107	--	--	--	72	15	24.1	0	57	113
WILLCROSS	3087X2HX		124	--	--	90	--	--	--	72	15	24.5	1	56	102
WILLCROSS	3157X2		120	--	--	88	--	--	--	72	15	23.6	1	56	100
MIDLAND	MG 7A28Bt/RR	P250	141	--	--	102	--	--	--	72	16	24.7	1	54	110
PIONEER	33R81	P1250	159	--	--	116	--	--	--	72	16	23.7	2	55	117
MFA	MC4474CB	C	151	--	--	110	--	--	--	72	17	24.5	0	53	107
PIONEER	33K40	P1250	137	--	--	100	--	--	--	72	17	24.1	1	58	115

(continued)

Table 13. Erie Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treat- ment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average 2006 2005									
GOLDEN ACRES	2841RRB	P250	135	--	--	98	--	--	--	73	18	23.3	2	53	107
MATURITY CHECK	FULL - M798		106	--	--	77	--	--	--	74	17	23.2	1	56	111
WILLCROSS	3126W		100	--	--	73	--	--	--	74	17	23.3	1	55	99
	AVERAGES		137	--	--	137	--	--	--	70	15	24.2	1	56	104
	CV (%)		9	--	--	9	--	--	--	2	4	4.9	113	1	4
	LSD (0.05)*		17	--	--	13	--	--	--	2	1	1.7	2	1	5

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

SOUTHEAST KANSAS DRYLAND CORN TEST ON UPLAND SOIL

Four-State Farm Show, Pittsburg; James Long, agronomist; Kelly Kusel, research technician

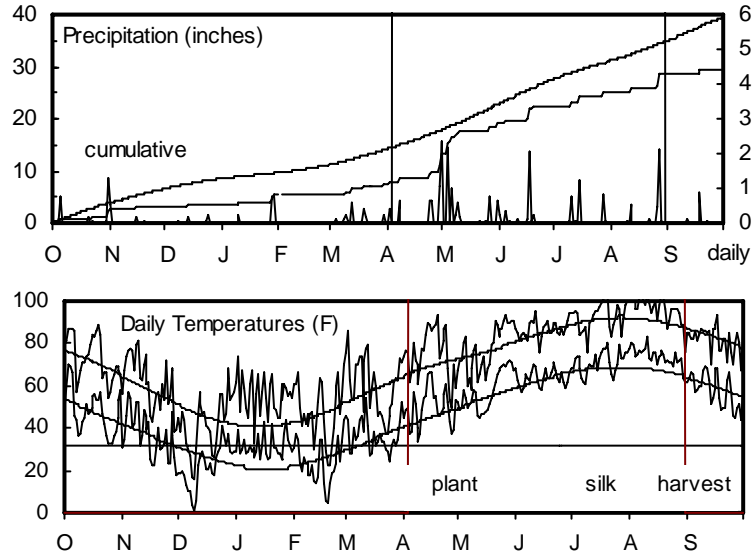
Parsons silt loam; Soybean in 2005

140 - 50 - 30 lb/a N, P, K

Planted on 4/4/2006; Harvested on 8/29/2006

Target stand of 22,000 plants/acre; 9.5 in. spacing

Good establishment and early growth; hot, dry conditions with timely rains; no insect or disease observations.



Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	7.5	14.1	45	43	157	123
April	5.9	3.7	62	57	415	284
May	5.7	5.0	68	65	544	479
June	3.1	4.8	75	74	732	711
July	3.1	3.5	82	80	881	833
August	3.3	3.9	85	79	916	817
Sept.	1.1	4.4	70	71	603	633
Totals:	29.6	39.3	60	57	4,247	3,878

Table 14. Pittsburg Upland Corn Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD		2005-2006		2006								
			bushels/acre		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.			
			2006	2005									2-Yr. average	2006	2005
CROPLAN GEN.	421RR2/Bt	C	93	--	--	104	--	--	--	72	12	22.0	0	55	85
DEKALB	DKC47-10RR/YG	P250	88	165	126	99	98	75	14	72	12	22.0	0	55	91
DEKALB	DKC50-20RR/YG	P250	86	169	128	97	101	75	14	72	12	21.9	0	55	91
GARST	8880YG1	C	86	168	127	97	100	76	14	72	12	22.2	0	54	90
MATURITY CHECK	SHRT-DKC50-20		91	168	129	102	100	76	14	72	12	21.0	0	55	86
MIDLAND	MG 126Bt	P250	90	--	--	101	--	--	--	72	13	22.1	0	54	85
CROPLAN GEN.	501RR2/Bt	C	79	--	--	89	--	--	--	73	13	22.0	0	54	89
MIDLAND	MG 247Bt	P250	84	--	--	95	--	--	--	73	13	22.5	0	56	92
MFA	MC4072CB	C	88	--	--	99	--	--	--	73	14	22.1	0	57	89
PIONEER	35P10	P1250	105	191	148	116	114	76	15	73	14	22.3	0	56	95
DEKALB	DKC52-63RR2/YG	P250	99	--	--	110	--	--	--	74	13	22.0	0	56	86
PIONEER	35D28	P1250	87	181	134	98	108	77	15	74	13	22.6	0	54	97
DEKALB	DKC58-19RR2	P250	85	--	--	96	--	--	--	74	14	22.4	0	55	91
CROPLAN GEN.	576Bt/CL	C	102	--	--	113	--	--	--	74	15	22.4	0	56	92
WILLCROSS	3103RRCB		96	--	--	107	--	--	--	74	15	21.8	0	59	93
DEKALB	DKC54-53RR2/YG	P250	87	--	--	98	--	--	--	75	12	22.1	0	56	93
ASGROW	RX655RR2	P250	85	--	--	96	--	--	--	75	13	22.6	1	57	92
MIDLAND	MG 117Bt	P250	88	--	--	98	--	--	--	75	13	22.3	0	56	90
DYNA-GRO	57F32	P250	97	--	--	108	--	--	--	75	14	21.5	0	57	95
DYNA-GRO	57F37	P250	78	--	--	89	--	--	--	75	14	21.3	1	55	91
MFA	XP160	P	92	--	--	103	--	--	--	75	14	22.7	1	55	90
MFA	XP166	P	89	--	--	100	--	--	--	75	14	22.6	0	58	79
PIONEER	35T06	P1250	87	--	--	97	--	--	--	75	14	22.0	0	56	90
DYNA-GRO	57P46	P250	81	--	--	92	--	--	--	75	15	22.6	0	57	97
MIDLAND	MG 7A53Bt	P250	94	--	--	105	--	--	--	75	15	22.3	0	57	97
MYCOGEN	2C727	C	94	--	--	105	--	--	--	75	15	21.1	0	56	96
FIELDER'S CHOICE	7550 HX	P250	85	--	--	96	--	--	--	76	13	22.2	0	58	95
FIELDER'S CHOICE	7658 S	P1250	76	--	--	87	--	--	--	76	14	21.3	0	57	94
MATURITY CHECK	MID-NC+4823B		91	186	138	102	111	78	16	76	14	21.7	0	56	91
MIDLAND	MG 7B13Bt/RR	P250	94	--	--	105	--	--	--	76	14	22.0	0	57	97

(continued)

Table 14. Pittsburg Upland Corn Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average 2006 2005									
NK	N65-M7	C	91	173	132	102	103	79	16	76	14	22.0	0	57	95
NK	N68-B8	C	87	--	--	98	--	--	--	76	14	21.3	0	55	88
WILLCROSS	3087X2HX		82	--	--	92	--	--	--	76	14	22.6	0	57	95
FIELDER'S CHOICE	7728 S	P250	91	--	--	102	--	--	--	76	15	22.3	0	56	95
PRODUCERS	6943YGCBRR	P250	95	177	136	106	106	79	16	76	15	21.2	0	56	95
DYNA-GRO	57F06	P250	95	--	--	106	--	--	--	76	16	21.9	0	56	99
MATURITY CHECK	FULL-R8526YGC		93	--	--	104	--	--	--	76	16	23.3	0	55	93
MFA	MC4173RRCB	C	92	--	--	103	--	--	--	76	16	22.0	0	55	93
FIELDER'S CHOICE	9612 B	P250	89	--	--	100	--	--	--	76	17	22.0	0	56	93
WILLCROSS	3194RRCB		93	--	--	104	--	--	--	76	17	22.3	0	54	98
PRODUCERS	7329Hx		92	--	--	103	--	--	--	77	16	22.1	0	55	96
WILLCROSS	3157X2		89	--	--	99	--	--	--	77	16	22.3	0	55	94
MFA	MC4474CB	C	87	--	--	98	--	--	--	77	17	22.2	0	54	97
NC+	5555HL		87	--	--	98	--	--	--	77	17	22.0	0	55	96
MYCOGEN	2K717	C	96	--	--	107	--	--	--	77	18	22.4	0	53	100
NC+	6122RB		93	--	--	104	--	--	--	77	18	22.4	0	54	102
MATURITY CHECK	FULL - M798		81	146	114	92	87	82	19	79	19	22.0	0	54	96
GOLDEN ACRES	2841RRB	P250	80	--	--	91	--	--	--	80	18	22.1	0	52	100
MIDLAND	MG 7A28Bt/RR	P250	82	--	--	93	--	--	--	80	18	21.7	0	52	104
	AVERAGES		89	168	129	99	168	78	16	75	15	22.1	0	55	93
	CV (%)		14	5	--	14	5	--	--	1	7	3.7	402	1	4
	LSD (0.05)*		12	12	--	13	7	--	--	1	1	1.2	1	1	5

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

SOUTH-CENTRAL KANSAS NO-TILL DRYLAND CORN TEST ON SILT LOAM SOIL

Harvey County Experiment Field, Hesston; Mark Claassen, agronomist; Lowell Stucky and Kevin Duerksen, technicians

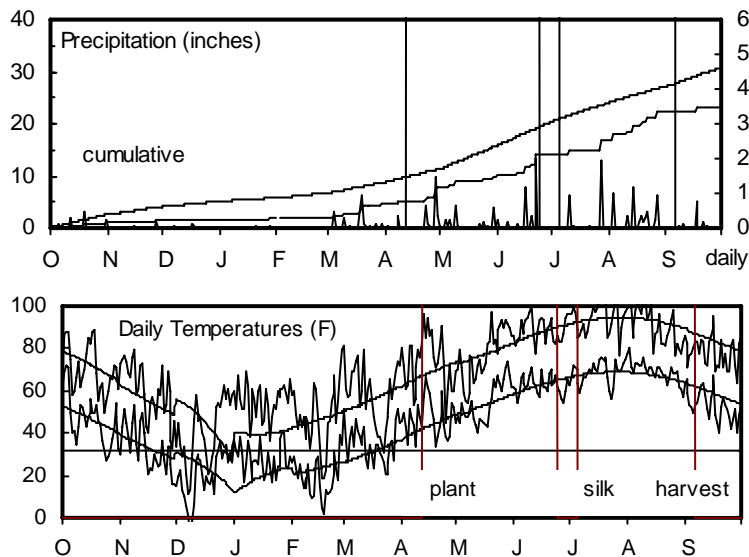
Smolan silt loam; Wheat in 2005

125 - 37 - 0 lb/a N, P, K

Planted on 4/13/2006; Harvested on 9/5/2006

Target stand of 18,000 plants/acre; 11.6 in. spacing

Below-average rainfall and extended hot weather reduced yields; minimal lodging and no insect or disease damage.



Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	4.6	8.4	43	41	162	91
April	3.1	2.7	60	56	407	270
May	2.2	4.3	66	65	505	480
June	4.0	4.8	76	75	704	727
July	3.1	3.8	82	81	825	835
August	5.1	3.1	80	80	812	818
Sept.	1.2	3.5	66	71	460	634
Totals:	23.3	30.6	57	56	3,874	3,855

Table 15. Hesston No-till Dryland Corn Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD		2005-2006		2006								
			bushels/acre		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.			
			2006	2005									2-Yr. average	2006	2005
DEKALB	DKC50-20RR/YG	P250	68	96	82	102	103	69	12	69	12	18.0	1	52	77
AGSOURCE	5783CB		68	105	86	102	112	71	12	70	12	18.0	1	52	82
MATURITY CHECK	SHRT-DKC50-20		70	92	81	105	98	69	12	70	12	17.1	1	53	78
MIDWEST SEED	71101T	C250	70	--	--	105	--	--	--	70	12	18.0	1	50	83
FONTANELLE	8K389	P250	64	--	--	97	--	--	--	71	12	17.0	1	54	87
DEKALB	DKC52-47RR/YG	P250	72	99	85	108	106	71	12	72	12	18.0	1	52	75
DEKALB	DKC58-19RR2	P250	63	--	--	95	--	--	--	72	12	17.8	1	52	80
FONTANELLE	7K733	P250	68	--	--	101	--	--	--	72	12	17.9	1	50	84
PIONEER	35D28	P1250	65	--	--	98	--	--	--	72	12	17.9	1	51	86
AGSOURCE	6163CB		66	--	--	99	--	--	--	72	13	18.0	1	52	83
DYNA-GRO	57P69	P250	66	--	--	100	--	--	--	72	13	18.0	1	53	85
MIDLAND	MG 417Bt	P250	70	--	--	105	--	--	--	72	13	18.0	1	50	86
MIDLAND	MG 697Bt	C	67	--	--	100	--	--	--	72	13	18.0	1	51	87
NC+	4947RB		71	--	--	107	--	--	--	72	13	18.0	1	52	89
NK	N67-D6	C	65	--	--	98	--	--	--	72	13	17.7	1	52	86
TRIUMPH	1536CBRR	P1250	66	95	81	99	102	74	13	72	13	18.0	1	53	85
AGSOURCE	788TPLRR		68	--	--	102	--	--	--	73	12	18.0	1	52	87
ASGROW	RX655RR2	P250	64	--	--	97	--	--	--	73	12	18.0	1	55	84
ASGROW	RX668RR2/YGCB	P250	70	--	--	106	--	--	--	73	12	19.2	1	51	81
GARST	8566YG1	C	64	--	--	97	--	--	--	73	12	17.9	1	50	89
AGSOURCE	6276CBRR		68	--	--	102	--	--	--	73	13	17.8	1	54	87
MATURITY CHECK	MID-NC+4823B		66	96	81	100	102	74	13	73	13	18.0	1	52	86
PIONEER	34A16	P1250	71	--	--	108	--	--	--	73	13	18.0	1	54	85
MIDLAND	MG 7A15Bt/RR	P250	61	--	--	91	--	--	--	73	14	17.9	1	53	85
NK	N70-C7	C	69	--	--	103	--	--	--	74	12	17.9	1	52	89
AGSOURCE	6057		62	--	--	94	--	--	--	74	13	17.9	1	56	84
AGSOURCE	6226CBRR		62	--	--	93	--	--	--	74	13	18.0	1	53	81
AGSOURCE	6486CBRR		68	--	--	103	--	--	--	74	13	18.0	1	54	90
DYNA-GRO	57X97	P250	72	--	--	108	--	--	--	74	13	18.0	1	53	90
PIONEER	33B54	P1250	71	109	90	107	116	74	13	74	13	17.9	1	54	88

(continued)

Table 15. Hesston No-till Dryland Corn Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD					2005-2006		2006					
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	2006									2005
DYNA-GRO	57P12	P250	69	--	--	103	--	--	--	74	14	17.6	1	52	91
FONTANELLE	7951YGCB	P250	58	--	--	87	--	--	--	74	14	17.0	1	53	87
MIDWEST SEED	8762B	C250	68	--	--	102	--	--	--	74	14	18.0	1	51	90
MATURITY CHECK	FULL-R8526YGC		66	--	--	100	--	--	--	75	13	17.9	1	51	92
AGSOURCE	7883ACBCL		70	--	--	106	--	--	--	75	14	18.0	1	52	89
AGSOURCE	7923Hx		82	--	--	123	--	--	--	75	14	17.9	1	55	91
AGSOURCE	7243CB		72	101	86	108	107	74	14	75	15	17.6	1	58	84
MIDLAND	MG 7A58Bt/RR	P250	62	--	--	93	--	--	--	76	14	15.5	1	53	94
NC+	4574RB		57	--	--	85	--	--	--	76	14	18.0	1	54	90
AGSOURCE	X6118		55	--	--	83	--	--	--	78	14	17.8	1	55	91
MIDLAND	MG 7A28Bt/RR	P250	68	--	--	102	--	--	--	78	16	16.2	1	51	95
TRIUMPH	1866Bt	P250	70	--	--	105	--	--	--	78	16	18.0	1	56	96
GOLDEN ACRES	2841RRB	P250	54	96	75	82	103	79	14	80	16	17.1	1	51	95
MATURITY CHECK	FULL - M798		59	100	79	88	107	79	16	80	17	16.0	1	54	96
	AVERAGES		66	94	80	66	94	74	13	74	13	17.7	1	53	87
	CV (%)		7	7	--	7	7	--	--	1	5	3.3	3	1	3
	LSD (0.05)*		7	9	--	10	9	--	--	1	1	0.8	0	1	4

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

Table 16. EAST/CENTRAL Kansas corn hybrid yield summary (% of test average), 2006.

BRAND/NAME	TOP *	OTT	ERI	PIT	HES	BRAND/NAME	TOP	OTT	ERI	PIT	HES
AGSOURCE						DYNA-GRO					
5783CB	--	--	--	--	102	57F06	--	110	113	106	--
6057	--	--	--	--	94	57F32	--	92	98	108	--
6163CB	--	--	--	--	99	57F37	--	100	101	89	--
6226CBRR	--	--	--	--	93	57P12	--	--	--	--	103
6276CBRR	--	--	--	--	102	57P46	--	103	98	92	--
6486CBRR	--	--	--	--	103	57P69	--	--	--	--	100
7243CB	--	--	--	--	108	57X97	--	104	--	--	108
7883ACBCL	--	--	--	--	106	FIELDER'S					
788TPLRR	--	--	--	--	102	7550 Hx	--	--	--	96	--
7923Hx	--	--	--	--	123	7658 S	--	--	--	87	--
X6118	--	--	--	--	83	7728 S	85	--	--	102	--
ASGROW						7830 S	87	--	--	--	--
RX655RR2	--	90	--	96	97	7880 S	94	--	--	--	--
RX668RR2/YGCB	--	--	--	--	106	9612 B	104	--	--	100	--
RX715RR2/YGCB	--	109	--	--	--	FONTANELLE					
RX752RR/YGCB	--	106	--	--	--	7951YGCB	99	--	--	--	87
CROPLAN GEN.						7K733	110	--	--	--	101
421RR2/Bt	--	--	--	104	--	8K389	105	--	--	--	97
501RR2/Bt	--	--	--	89	--	GARST					
576Bt/CL	--	--	--	113	--	8534YG1/RR	--	--	96	--	--
643RR/Bt	--	99	--	--	--	8535YG1/RR	107	--	--	--	--
663RR/Bt	93	--	--	--	--	8566YG1	100	100	94	--	97
6992RB	107	103	108	--	--	8880YG1	--	--	74	97	--
731Hx	93	--	114	--	--	GOLDEN ACRES					
DEKALB						2841RRB	84	100	98	91	82
DKC47-10RR/YGCB	--	--	--	99	--						
DKC50-20RR/YGCB	--	--	--	97	102						
DKC52-47RR/YGCB	--	--	--	--	108						
DKC52-63RR2/YGCB	--	--	--	110	--						
DKC54-53RR2/YGCB	--	91	--	98	--						
DKC58-19RR2	--	--	--	96	95						
DKC60-19RR/YGCB	--	107	--	--	--						

(continued)

* TOP = Topeka, Shawnee Co. OTT = Ottawa, Franklin Co. ERI = Erie, Neosho Co. PIT = Pittsburg, Crawford Co.
HES = Hesston, Harvey Co.

Table 16. EAST/CENTRAL Kansas corn hybrid yield summary (% of test average), 2006 - continued.

BRAND/NAME	TOP *	OTT	ERI	PIT	HES	BRAND/NAME	TOP	OTT	ERI	PIT	HES
KRUGER						MYCOGEN					
K-2414RR/YGCB	92	80	--	--	--	2C727	113	96	--	105	--
K-2517RR/YGCB	100	99	--	--	--	2K717	--	110	--	107	--
K-5416YGCB	108	99	--	--	--	2M797	92	--	--	--	--
K-5613YGCB	99	--	--	--	--	2T780	108	--	--	--	--
K-5617YGCB	89	--	--	--	--	2T801	102	--	--	--	--
K-7613YG+	99	--	--	--	--	NC+					
K-8213Hx	--	95	--	--	--	4574RB	--	--	--	--	85
K-8414Hx	103	101	--	--	--	4947RB	100	--	109	--	107
K-8516Hx	--	100	--	--	--	5555HL	--	--	112	98	--
K-8616Hx	106	102	--	--	--	6122RB	100	--	--	104	--
K-9111YGCB	101	100	--	--	--	NK					
K-9115TS	102	102	--	--	--	N65-C5	103	--	--	--	--
K-9212TS	114	100	--	--	--	N65-M7	--	107	--	102	--
K-9313RR/YGCB	98	103	--	--	--	N67-D6	--	--	--	--	98
MFA						N68-B8	--	105	--	98	--
MC4072CB	--	96	106	99	--	N70-C7	106	99	--	--	103
MC4173RRCB	--	101	103	103	--	N76-D3	--	99	--	--	--
MC4474CB	--	96	110	98	--	PFISTER					
XP160	--	97	102	103	--	2688RWBt	107	106	--	--	--
XP166	--	97	96	100	--	2730RRBt	89	106	--	--	--
MIDLAND						3356T	101	119	--	--	--
MG 117Bt	--	--	--	98	--	PHILLIPS					
MG 126Bt	--	--	--	101	--	712YGCB	--	92	--	--	--
MG 247Bt	--	--	--	95	--	7A29RRYGCB	--	102	--	--	--
MG 417Bt	101	104	--	--	105	7B15RRYGCB	--	88	--	--	--
MG 436Bt	99	102	--	--	--	PIONEER					
MG 617Bt	96	--	105	--	--	32B29	95	--	107	--	--
MG 697Bt	--	--	--	--	100	33B54	--	--	--	--	107
MG 7A15Bt/RR	98	--	95	--	91	33K40	115	102	100	--	--
MG 7A28Bt/RR	86	105	102	93	102	33R81	--	--	116	--	--
MG 7A53Bt	108	103	110	105	--	34A16	102	--	--	--	108
MG 7A58Bt/RR	107	--	96	--	93	34P88	--	107	--	--	--
MG 7B13Bt/RR	--	105	--	105	--	35D28	--	97	--	98	98
MIDWEST SEED						35P10	--	--	--	116	--
71101T	--	--	--	--	105	35T06	--	--	--	97	--
8762B	--	--	--	--	102	PREMIUM					
						P254	--	94	--	--	--

* TOP = Topeka, Shawnee Co. OTT = Ottawa, Franklin Co. ERI = Erie, Neosho Co. PIT = Pittsburg, Crawford Co.
HES = Hesston, Harvey Co.

Table 16. EAST/CENTRAL Kansas corn hybrid yield summary (% of test average), 2006 - continued.

BRAND/NAME	TOP *	OTT	ERI	PIT	HES	BRAND/NAME	TOP	OTT	ERI	PIT	HES
PRODUCERS											
6943YGCBRR	--	--	--	106	--						
7329Hx	--	--	--	103	--						
RENZE											
1454YGPL/RR	101	105	--	--	--						
2526YGRW/RR	113	94	--	--	--						
8386YGCB	100	96	--	--	--						
8454YGCB	100	102	--	--	--						
9406YGCB/RR	98	98	--	--	--						
9526YGCB/RR	107	109	--	--	--						
TAYLOR											
830Bt	106	--	--	--	--						
TRIUMPH											
1536CBRR	--	--	--	--	99						
1756CBRR	--	103	--	--	--						
1866Bt	--	87	--	--	105						
WILLCROSS											
3027X1Hx	102	98	--	--	--						
3087X2Hx	--	--	90	92	--						
3097X1CB	103	--	--	--	--						
3103RRCB	--	102	--	107	--						
3107X5RRCB	--	89	99	--	--						
3116RRCB	92	--	--	--	--						
3126W	--	--	73	--	--						
3157X2	94	100	88	99	--						
3194RRCB	--	102	--	104	--						
MATURITY											
FULL - M798	86	86	77	92	88						
FULL-R8526YGCB	101	109	118	104	100						
MID-NC+4823B	98	102	99	102	100						
SHRT-DKC50-20	93	91	94	102	105						
AVERAGES	112	129	137	99	66						
CV (%)	9	9	9	14	7						
LSD (0.05)	13	13	13	13	10						

* TOP = Topeka, Shawnee Co. OTT = Ottawa, Franklin Co. ERI = Erie, Neosho Co. PIT = Pittsburg, Crawford Co.
HES = Hesston, Harvey Co.

Table 16A. SHORT-SEASON Kansas corn hybrid yield summary (% of test average), 2006.

BRAND/NAME	OTS*	BRAND/NAME	OTS
CROPLAN GEN.		NK	
501RR2/Bt	101	N65-C5	103
521RR2/Bt	93	N65-M7	114
576Bt/CL	103	PIONEER	
DEKALB		35D28	101
DKC50-20RR/YGCB	83	35P10	101
DYNA-GRO		35T06	109
55B65	97	PRODUCERS	
55P86	95	6943YGCBRR	109
56K44	94	TAYLOR	
56P07	92	904RR/Bt	94
GARST		TRIUMPH	
8534YG1/RR	102	7861CBRR	96
8566YG1	101	MATURITY CHECK	
8880YG1	98	FULL - M798	95
KRUGER		FULL-R8526YGCB	110
K-0605B	93	MID-NC+4823B	110
K-1500RR	103	SHRT-DKC50-20	90
K-1606RR	111	AVERAGES	
K-2506RR/YGCB	101		132
K-5504YGCB	104	CV (%)	9
K-5505YGCB	109	LSD (0.05)	13
K-6503TS	95	MFA	
K-8602Hx	100	MC3573RRCB	99
K-8605Hx	102	XP164	106
K-9203RR/YGCB	95	MIDLAND	
MFA		MG 117Bt	100
MC3573RRCB	99	MG 126Bt	101
XP164	106	MG 247Bt	92
MIDLAND		NC+	
MG 117Bt	100	1773RB	102
MG 126Bt	101	3801R	96
MG 247Bt	92		
NC+			
1773RB	102		
3801R	96		

* OTS = Ottawa Short-season, Franklin Co.

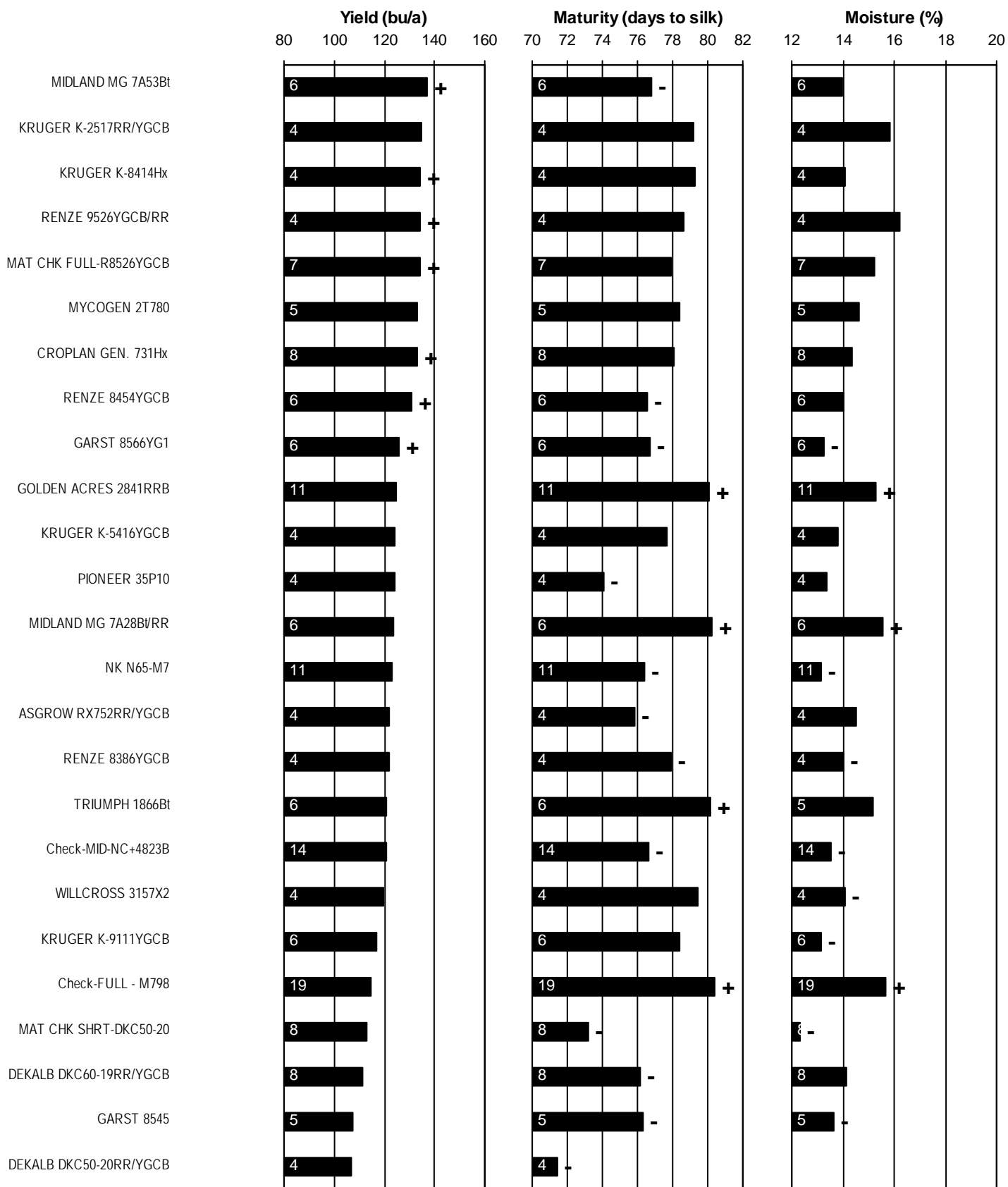


Figure 6. EAST/CENTRAL Kansas corn hybrid standardized performance summary, 2002-2006.

Values within bars indicate the number of comparisons with checks. Symbols (+, -) indicate if statistically higher or lower than mean of checks.

SOUTH-CENTRAL KANSAS IRRIGATED CORN TEST ON SILT LOAM SOIL

Private farm near Inman; Kraig Roozeboom, agronomist; Norman and Tracy Schmidt, cooperators

Crete silt loam; Soybean in 2005

165 - 30 - 0 lb/a N, P, K

Planted on 4/12/2006; Harvested on 9/18/2006

Target stand of 30,000 plants/acre; 7.0 in. spacing

Most hybrids had some degree of lodging, sometimes extensive. Yields were generally good.

Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	6.2	8.4	43	41	138	97
April	3.3	2.7	60	56	381	277
May	3.1	4.3	66	65	484	486
June	4.3	4.8	76	75	716	730
July	3.5	3.8	82	81	824	841
August	3.4	3.1	81	80	817	816
Sept.	1.8	3.6	66	71	483	607
Totals:	25.6	30.6	57	56	3,842	3,854

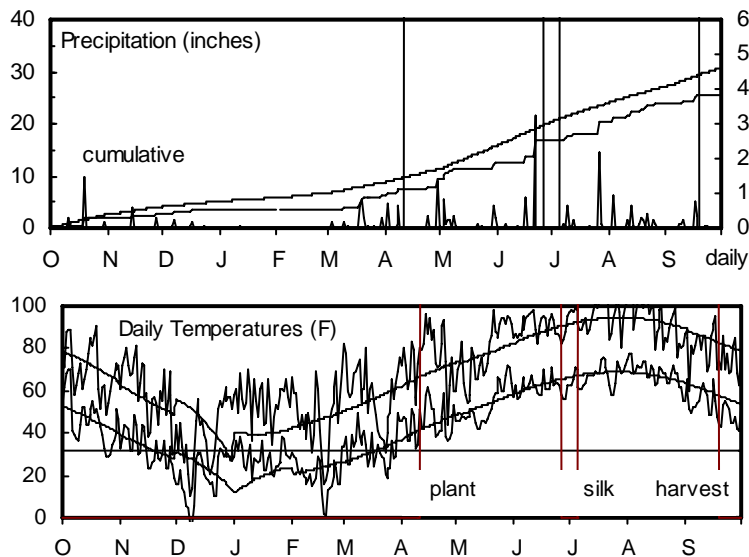


Table 17. Inman Irrigated Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD		2005-2006		2006								
			bushels/acre		% of test	Days Grain to Moist.	Days Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.			
			2006	2005									2-Yr. AVG.	2006	2005
FONTANELLE	7K733	P250	201	--	--	91	--	--	--	75	14	34.4	0	58	--
AGSOURCE	7883ACBCL		208	--	--	94	--	--	--	78	15	33.6	14	58	--
DYNA-GRO	57F37	P250	213	--	--	97	--	--	--	78	15	33.3	3	57	--
MATURITY CHECK	SHRT-DKC50-20		203	167	185	92	86	74	14	78	15	34.6	7	58	--
MIDLAND	MG 7A15Bt/RR	P250	224	--	--	102	--	--	--	78	15	34.3	1	59	--
MIDWEST SEED	8762B	C250	213	231	222	96	119	76	15	78	15	34.8	6	57	--
PIONEER	32B29	P1250	212	191	202	96	99	76	15	78	15	35.2	1	59	--
TRIUMPH	1536CBRR	P1250	223	--	--	101	--	--	--	78	15	35.4	11	58	--
NC+	4947RB		226	--	--	102	--	--	--	78	16	33.6	6	58	--
NK	N76-D3	C	225	184	205	102	95	76	15	78	16	31.7	12	58	--
DYNA-GRO	58K04	P250	201	--	--	91	--	--	--	79	15	32.8	11	59	--
MIDLAND	MG 417Bt	P250	229	--	--	104	--	--	--	79	15	34.6	13	58	--
MIDLAND	MG 697Bt	C	220	--	--	99	--	--	--	79	15	33.4	24	57	--
FONTANELLE	8K389	P250	213	--	--	96	--	--	--	79	16	33.0	4	58	--
MIDLAND	MG 7A58Bt/RR	P250	224	--	--	102	--	--	--	79	16	32.6	13	57	--
DYNA-GRO	57X97	P250	220	--	--	100	--	--	--	80	15	34.2	7	58	--
DYNA-GRO	58P59	P250	228	--	--	103	--	--	--	80	15	33.6	2	59	--
CROPLAN GEN.	751RR/Bt	C	210	--	--	95	--	--	--	80	16	32.3	5	58	--
DYNA-GRO	57P12	P250	218	--	--	99	--	--	--	80	16	33.2	4	58	--
DYNA-GRO	57P93	P250	224	--	--	102	--	--	--	80	16	33.0	4	59	--
FIELDER'S CHOICE	7757 Hx	P250	217	--	--	98	--	--	--	80	16	34.0	4	59	--
FIELDER'S CHOICE	7830 S	P250	238	--	--	108	--	--	--	80	16	34.5	18	57	--
FIELDER'S CHOICE	9612 B	P250	230	--	--	104	--	--	--	80	16	34.0	3	59	--
FONTANELLE	7951YGCB	P250	228	209	218	103	108	76	15	80	16	32.6	3	59	--
GARST	8247YG1	C	204	--	--	92	--	--	--	80	16	32.8	19	58	--
LEWIS	5997PL/RR	P250	219	--	--	99	--	--	--	80	16	34.8	6	58	--
MATURITY CHECK	MID-NC+4823B		228	189	208	103	97	76	15	80	16	35.7	7	58	--
MIDWEST SEED	79204T	C250	209	--	--	95	--	--	--	80	16	35.3	16	57	--
MYCOGEN	2T828	C	209	--	--	95	--	--	--	80	16	31.8	15	57	--
PIONEER	33N11	P1250	206	--	--	93	--	--	--	80	16	34.0	21	58	--
MYCOGEN	2T801	C	202	201	201	91	104	76	16	80	17	35.7	17	57	--

(continued)

Table 17. Inman Irrigated Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average 2006 2005									
NC+	6122RB		220	--	--	99	--	--	--	80	17	34.6	2	58	--
TRIUMPH	1416Bt	P250	223	--	--	101	--	--	--	80	17	31.4	10	58	--
AGSOURCE	7923Hx		227	--	--	103	--	--	--	81	16	34.1	2	57	--
CROPLAN GEN.	6992RB	C	196	--	--	89	--	--	--	81	16	32.9	23	58	--
FIELDER'S CHOICE	7728 S	P250	218	--	--	99	--	--	--	81	16	32.5	5	58	--
NK	N68-B8	C	233	--	--	106	--	--	--	81	16	35.1	8	59	--
CROPLAN GEN.	7558RB	C	223	--	--	101	--	--	--	81	17	30.7	9	57	--
GARST	8225YG1/RR	C	226	--	--	102	--	--	--	81	17	35.7	8	59	--
MATURITY CHECK	FULL-R8526YGC		236	--	--	107	--	--	--	81	17	34.6	18	58	--
MYCOGEN	2T780	C	244	209	227	110	108	78	16	81	17	35.3	9	59	--
PIONEER	31N28	P1250	223	189	206	101	97	78	16	81	17	33.3	12	59	--
TRIUMPH	1756CBRR	P250	227	--	--	103	--	--	--	81	17	34.3	11	57	--
AGSOURCE	6276CBRR		223	--	--	101	--	--	--	82	16	34.4	24	58	--
MATURITY CHECK	FULL - M798		232	174	203	105	90	78	16	82	16	33.2	23	58	--
AGSOURCE	7783CB		224	--	--	101	--	--	--	82	17	32.8	7	57	--
MIDLAND	MG 7A28Bt/RR	P250	242	--	--	110	--	--	--	82	17	33.1	25	58	--
NK	N72-B2	C	234	--	--	106	--	--	--	82	17	31.9	5	59	--
NK	N70-C7	C	220	--	--	100	--	--	--	83	16	33.8	5	59	--
LEWIS	7065CB/RR	P250	237	--	--	107	--	--	--	84	17	35.9	9	59	--
	AVERAGES		221	194	207	221	194	77	15	80	16	33.8	10	58	--
	CV (%)		10	8	--	10	8	--	--	4	9	4.5	128	2	--
	LSD (0.05)*		31	22	--	14	12	--	--	4	2	3.1	18	2	--

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

SOUTH-CENTRAL KANSAS IRRIGATED CORN TEST ON SANDY LOAM SOIL

Private farm near Hutchinson; Evans Seed Farm; Bill Heer, agronomist; John Evans, cooperater

Punkin silt loam; Soybean in 2005

200 - 30 - 0 lb/a N, P, K

Planted on 4/27/2006; Harvested on 9/27/2006

Target stand of 30,000 plants/acre; 7.0 in. spacing

Hot and dry throughout season; lodging resulting from 9/16 windstorm.

Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	3.4	6.6	43	40	162	107
April	2.8	2.7	61	55	407	277
May	4.2	4.0	66	65	505	467
June	4.5	4.2	75	75	704	718
July	1.9	3.4	81	81	825	833
August	2.5	3.1	80	79	812	804
Sept.	1.3	3.3	65	70	460	586
Totals:	20.6	27.3	57	56	3,874	3,792

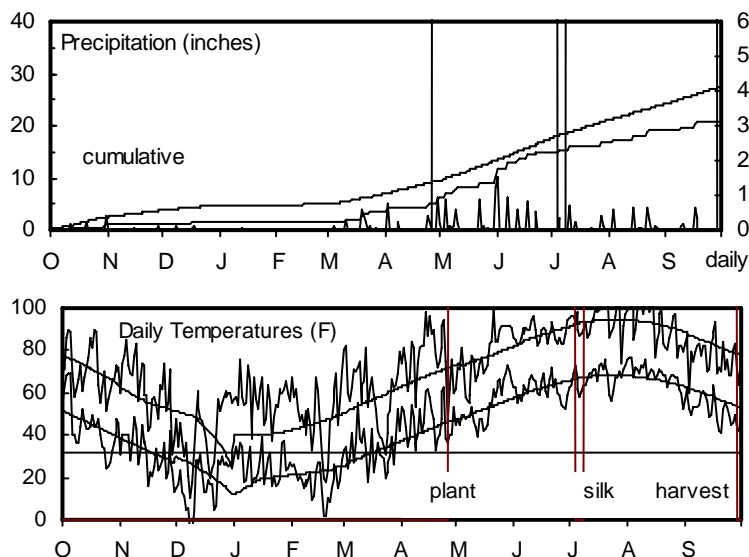


Table 18. Hutchinson Irrigated Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD		2005-2006		2006							
			bushels/acre		% of test	Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005										2-Yr. average
DEKALB	DKC64-27RR2	P250	204	--	--	102	--	--	67	14	32.2	30	58	108
FONTANELLE	8K389	P250	207	--	--	103	--	--	67	14	31.2	8	58	110
TRIUMPH	1536CBRR	P1250	196	--	--	98	--	--	67	14	31.2	5	58	117
LEWIS	5997PL/RR	P250	213	--	--	106	--	--	68	13	32.4	5	58	114
DEKALB	DKC62-31YGCB	P250	191	--	--	95	--	--	68	14	33.2	10	58	110
DEKALB	DKC66-23RR2/YG	P250	216	--	--	108	--	--	68	14	31.5	20	58	112
DYNA-GRO	57P12	P250	202	--	--	101	--	--	68	14	32.9	13	58	115
DYNA-GRO	57P93	P250	175	--	--	87	--	--	68	14	31.2	23	59	109
FONTANELLE	7951YGCB	P250	208	--	--	104	--	--	68	14	32.8	8	58	117
MATURITY CHECK	SHRT-DKC50-20		199	--	--	99	--	--	68	14	32.9	11	58	112
MIDLAND	MG 417Bt	P250	215	--	--	107	--	--	68	14	34.1	2	58	105
MIDLAND	MG 697Bt	C	208	--	--	104	--	--	68	14	32.4	15	58	108
MIDLAND	MG 7A58Bt/RR	P250	195	--	--	97	--	--	68	14	33.0	14	58	114
MIDWEST SEED	8762B	C250	195	--	--	97	--	--	68	14	33.4	9	58	108
DEKALB	DKC64-81YGCB	P250	211	--	--	105	--	--	69	13	33.3	30	58	110
MATURITY CHECK	MID-NC+4823B		200	--	--	100	--	--	69	13	31.3	12	58	112
PIONEER	33N11	P1250	192	--	--	96	--	--	69	13	34.0	29	58	114
CROPLAN GEN.	6992RB	C	204	--	--	102	--	--	69	14	31.5	20	58	113
DYNA-GRO	57F06	P250	207	--	--	103	--	--	69	14	33.0	11	57	114
DYNA-GRO	57F37	P250	199	--	--	99	--	--	69	14	32.3	8	58	107
DYNA-GRO	57X97	P250	201	--	--	100	--	--	69	14	34.0	14	58	112
GARST	8377YG1/RR	C	214	--	--	107	--	--	69	14	34.8	22	58	117
MATURITY CHECK	FULL-R8526YGC		213	--	--	106	--	--	69	14	33.2	12	57	113
MIDLAND	MG 7A15Bt/RR	P250	197	--	--	98	--	--	69	14	31.5	15	57	113
MIDWEST SEED	79204T	C250	207	--	--	103	--	--	69	14	31.1	0	59	116
MYCOGEN	2T828	C	193	--	--	96	--	--	69	14	33.2	8	58	106
NK	N70-C7	C	189	--	--	94	--	--	69	14	33.5	10	58	114
AGSOURCE	6276CBRR		212	--	--	106	--	--	70	14	32.6	23	58	108
AGSOURCE	7783CB		207	--	--	103	--	--	70	14	32.4	16	58	113
ASGROW	RX754RR2	P250	192	--	--	96	--	--	70	14	31.9	44	59	114
DYNA-GRO	58K04	P250	183	--	--	91	--	--	70	14	33.1	37	59	115

(continued)

Table 18. Hutchinson Irrigated Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD		2005-2006				2006						
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average									2006
DYNA-GRO	58P59	P250	203	--	--	101	--	--	--	70	14	32.5	5	57	111
FONTANELLE	7K733	P250	202	--	--	101	--	--	--	70	14	34.5	8	59	107
FRONTIER	F3175		180	--	--	90	--	--	--	70	14	31.5	16	59	117
GARST	8247YG1	C	200	--	--	100	--	--	--	70	14	31.7	13	58	118
GARST	8313CB/LL	C	198	--	--	99	--	--	--	70	14	32.3	9	58	116
GOLDEN ACRES	2841RRB	P250	199	--	--	99	--	--	--	70	14	31.9	28	59	114
NC+	5555HL		203	--	--	101	--	--	--	70	14	32.0	8	57	111
NC+	6122RB		204	--	--	102	--	--	--	70	14	33.0	7	59	112
NK	N68-B8	C	202	--	--	101	--	--	--	70	14	33.2	7	58	111
NK	N72-B2	C	192	--	--	96	--	--	--	70	14	32.4	16	59	112
NK	N76-D3	C	194	--	--	97	--	--	--	70	14	31.3	13	57	113
PHILLIPS	7B15RRYGCB	P	196	--	--	98	--	--	--	70	14	30.2	31	58	116
PIONEER	31N28	P1250	205	--	--	102	--	--	--	70	14	32.5	24	59	109
PIONEER	32B29	P1250	210	--	--	105	--	--	--	70	14	32.6	26	59	113
TRIUMPH	1756CBRR	P250	194	--	--	97	--	--	--	70	14	34.0	27	59	113
CROPLAN GEN.	751RR/Bt	C	209	--	--	104	--	--	--	71	14	30.4	25	58	117
CROPLAN GEN.	7558RB	C	200	--	--	100	--	--	--	71	14	30.6	33	58	116
LEWIS	7065CB/RR	P250	191	--	--	95	--	--	--	71	14	32.6	14	59	113
MIDLAND	MG 7A28Bt/RR	P250	200	--	--	100	--	--	--	71	14	30.2	31	58	119
MYCOGEN	2T801	C	206	--	--	103	--	--	--	71	14	34.4	10	58	115
PHILLIPS	7A29RRYGCB	P	208	--	--	104	--	--	--	71	14	31.5	20	58	113
MATURITY CHECK	FULL - M798		180	--	--	90	--	--	--	72	14	31.4	28	59	117
MYCOGEN	2T780	C	208	--	--	104	--	--	--	72	14	33.0	15	58	116
	AVERAGES		200	--	--	200	--	--	--	69	14	32.4	17	58	113
	CV (%)		8	--	--	8	--	--	--	3	4	7.4	113	2	5
	LSD (0.05)*		21	--	--	10	--	--	--	3	1	3.3	26	1	8

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

SOUTH-CENTRAL KANSAS IRRIGATED CORN TEST ON SANDY LOAM SOIL

Private farm near St. John, Russell & Son Farms; Kraig Roozeboom, agronomist; Rick Russell, cooperator

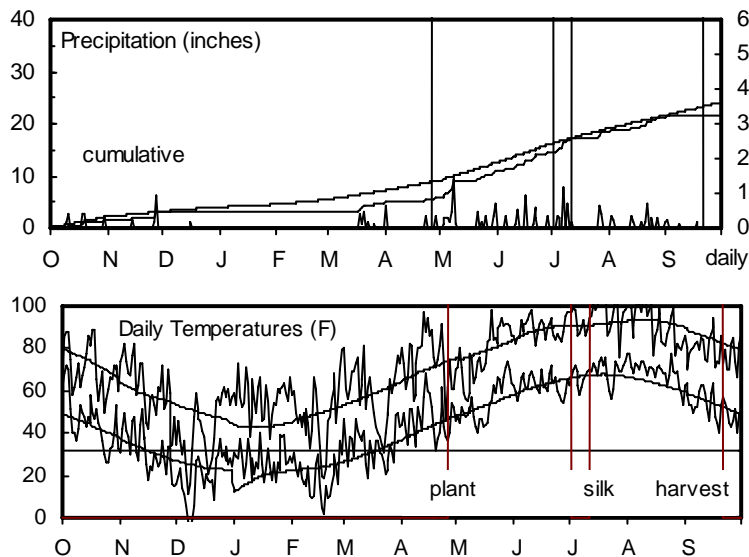
Carwile fine sandy loam; Corn in 2005

225 - 36 - 0 lb/a N, P, K

Planted on 4/27/2006; Harvested on 9/20/2006

Target stand of 30,000 plants/acre; 7.0 in. spacing

Strip tilled; heavy weed pressure at harvest, possibly due to very hot temperatures during herbicide application.



Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	4.5	7.2	43	42	159	126
April	1.3	2.0	61	56	398	302
May	5.3	3.4	67	66	514	497
June	3.4	3.7	76	76	724	725
July	3.8	2.9	82	79	845	824
August	2.9	2.5	80	78	826	764
Sept.	0.6	2.5	66	69	497	568
Totals:	21.8	24.1	58	56	3,963	3,806

Table 19. St. John Irrigated Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	2006	2005								
MATURITY CHECK	SHRT-DKC50-20		125	164	145	75	74	68	14	64	14	34.4	--	56	--
MIDWEST SEED	79204T	C250	157	--	--	94	--	--	--	67	15	35.6	--	57	--
MIDLAND	MG 417Bt	P250	168	--	--	101	--	--	--	68	15	33.6	--	57	--
DEKALB	DKC64-27RR2	P250	173	--	--	103	--	--	--	68	16	35.2	--	58	--
FONTANELLE	8K389	P250	178	--	--	107	--	--	--	68	16	32.5	--	56	--
ASGROW	RX754RR2	P250	155	--	--	93	--	--	--	70	16	33.3	--	59	--
DEKALB	DKC62-31YGCB	P250	148	--	--	88	--	--	--	70	16	31.9	--	59	--
GARST	8377YG1/RR	C	162	230	196	97	104	73	17	70	16	34.2	--	58	--
MYCOGEN	2T801	C	167	226	196	100	102	72	17	70	17	34.2	--	58	--
PHILLIPS	7B15RRYGCB	P	170	226	198	102	102	73	18	70	18	33.1	--	58	--
FONTANELLE	7951YGCB	P250	170	219	195	102	99	73	16	71	16	31.1	--	58	--
FONTANELLE	7K733	P250	165	--	--	99	--	--	--	71	16	34.0	--	58	--
TRIUMPH	1536CBRR	P1250	166	227	197	100	102	73	17	71	16	35.0	--	59	--
MYCOGEN	2T828	C	185	--	--	110	--	--	--	71	18	34.1	--	56	--
DYNA-GRO	57P93	P250	167	225	196	100	101	74	17	72	16	29.7	--	58	--
FONTANELLE	9N283	P250	168	--	--	101	--	--	--	72	16	34.4	--	59	--
MIDLAND	MG 697Bt	C	143	--	--	86	--	--	--	72	16	33.2	--	56	--
TRIUMPH	1416Bt	P250	167	218	193	100	98	74	16	72	16	30.8	--	58	--
DEKALB	DKC64-81YGCB	P250	150	--	--	90	--	--	--	72	17	34.8	--	59	--
DEKALB	DKC66-23RR2/YG	P250	171	--	--	102	--	--	--	72	17	29.5	--	58	--
MIDLAND	MG 7A15Bt/RR	P250	165	--	--	98	--	--	--	72	17	34.3	--	58	--
MYCOGEN	2T780	C	150	221	186	90	99	75	18	72	17	33.3	--	57	--
CROPLAN GEN.	6992RB	C	181	--	--	108	--	--	--	72	18	32.3	--	56	--
CROPLAN GEN.	7558RB	C	181	--	--	108	--	--	--	72	18	33.4	--	56	--
DYNA-GRO	57F37	P250	186	210	198	111	95	74	18	72	18	34.8	--	57	--
DYNA-GRO	57P12	P250	169	244	207	101	110	74	19	72	18	29.3	--	56	--
MIDLAND	MG 7A58Bt/RR	P250	174	--	--	104	--	--	--	72	19	29.8	--	56	--
GARST	8247YG1	C	191	--	--	114	--	--	--	72	20	33.0	--	57	--
MATURITY CHECK	MID-NC+4823B		154	231	193	92	104	74	15	73	14	34.5	--	58	--
DYNA-GRO	57F06	P250	180	--	--	108	--	--	--	73	16	32.1	--	57	--

(continued)

Table 19. St. John Irrigated Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average									2006
DYNA-GRO	57X97	P250	150	--	--	90	--	--	--	73	17	30.6	--	57	--
NC+	5433RB		168	240	204	100	108	74	17	73	17	32.0	--	59	--
PIONEER	32B29	P1250	163	235	199	98	106	75	18	73	17	32.8	--	58	--
PIONEER	33N11	P1250	174	--	--	104	--	--	--	74	17	33.3	--	60	--
GARST	8313CB/LL	C	184	--	--	110	--	--	--	74	18	32.9	--	57	--
NC+	6122RB		181	--	--	108	--	--	--	74	18	33.1	--	56	--
PHILLIPS	7A29RRYGCB	P	174	243	208	104	109	75	19	74	18	30.5	--	56	--
MIDWEST SEED	8762B	C250	188	236	212	112	106	75	19	74	19	32.7	--	55	--
CROPLAN GEN.	751RR/Bt	C	168	--	--	100	--	--	--	74	20	34.5	--	55	--
PIONEER	31N28	P1250	184	246	215	110	111	75	20	74	20	31.6	--	60	--
DYNA-GRO	58P59	P250	168	--	--	100	--	--	--	75	17	32.3	--	55	--
TRIUMPH	1756CBRR	P250	183	--	--	109	--	--	--	75	17	34.4	--	55	--
MATURITY CHECK	FULL-R8526YGC		174	--	--	104	--	--	--	75	18	34.9	--	56	--
MATURITY CHECK	FULL - M798		133	202	167	80	91	76	19	75	20	29.2	--	58	--
MIDLAND	MG 7A28Bt/RR	P250	174	--	--	104	--	--	--	76	16	29.6	--	55	--
DYNA-GRO	58K04	P250	141	--	--	84	--	--	--	76	19	33.1	--	58	--
	AVERAGES		167	222	195	167	222	74	17	72	17	32.8	--	57	--
	CV (%)		11	6	--	11	6	--	--	3	6	5.6	--	1	--
	LSD (0.05)*		25	18	--	15	8	--	--	3	1	2.3	--	1	--

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

Table 20. CENTRAL IRRIGATED corn hybrid yield summary (% of test average), 2006.

BRAND/NAME	INM*	HUT	STJ	AVG.	BRAND/NAME	INM	HUT	STJ	AVG.
AGSOURCE					GARST				
6276CBRR	101	106	--	--	8225YG1/RR	102	--	--	--
7783CB	101	103	--	--	8247YG1	92	100	114	102
7883ACBCL	94	--	--	--	8313CB/LL	--	99	110	--
7923Hx	103	--	--	--	8377YG1/RR	--	107	97	--
ASGROW					GOLDEN ACRES				
RX754RR2	--	96	93	--	2841RRB	--	99	--	--
CROPLAN GEN.					LEWIS				
6992RB	89	102	108	100	5997PL/RR	99	106	--	--
751RR/Bt	95	104	100	100	7065CB/RR	107	95	--	--
7558RB	101	100	108	103	MIDLAND				
DEKALB					MG 417Bt	104	107	101	104
DKC62-31YGCB	--	95	88	--	MG 697Bt	99	104	86	96
DKC64-27RR2	--	102	103	--	MG 7A15Bt/RR	102	98	98	99
DKC64-81YGCB	--	105	90	--	MG 7A28Bt/RR	110	100	104	105
DKC66-23RR2/YGCB	--	108	102	--	MG 7A58Bt/RR	102	97	104	101
DYNA-GRO					MIDWEST SEED				
57F06	--	103	108	--	79204T	95	103	94	97
57F37	97	99	111	102	8762B	96	97	112	102
57P12	99	101	101	100	MYCOGEN				
57P93	102	87	100	96	2T780	110	104	90	101
57X97	100	100	90	97	2T801	91	103	100	98
58K04	91	91	84	89	2T828	95	96	110	101
58P59	103	101	100	102	NC+				
FIELDER'S CHOICE					4947RB	102	--	--	--
7728 S	99	--	--	--	5433RB	--	--	100	--
7757 HX	98	--	--	--	5555HL	--	101	--	--
7830 S	108	--	--	--	6122RB	99	102	108	103
9612 B	104	--	--	--	NK				
FONTANELLE					N68-B8	106	101	--	--
7951YGCB	103	104	102	103	N70-C7	100	94	--	--
7K733	91	101	99	97	N72-B2	106	96	--	--
8K389	96	103	107	102	N76-D3	102	97	--	--
9N283	--	--	101	--	PHILLIPS				
FRONTIER					7A29RRYGCB	--	104	104	--
F3175	--	90	--	--	7B15RRYGCB	--	98	102	--

* INM = Inman, McPherson Co.

HUT = Hutchinson, Reno Co

STJ = St. John, Stafford Co.

Table 20. CENTRAL IRRIGATED corn hybrid yield summary (% of test average), 2006.

BRAND/NAME	INM*	HUT	STJ	AVG.	BRAND/NAME	INM	HUT	STJ	AVG.
PIONEER									
31N28	101	102	110	104					
32B29	96	105	98	100					
33N11	93	96	104	98					
TRIUMPH									
1416Bt	101	--	100	--					
1536CBRR	101	98	100	99					
1756CBRR	103	97	109	103					
MATURITY CHECK									
FULL - M798	105	90	80	92					
FULL-R8526YGCB	107	106	104	106					
MID-NC+4823B	103	100	92	98					
SHRT-DKC50-20	92	99	75	89					
AVERAGES	221	200	167	196					
CV (%)	10	8	11	--					
LSD (0.05)	14	10	15	--					

* INM = Inman, McPherson Co.

HUT = Hutchinson, Reno Co

STJ = St. John, Stafford Co.

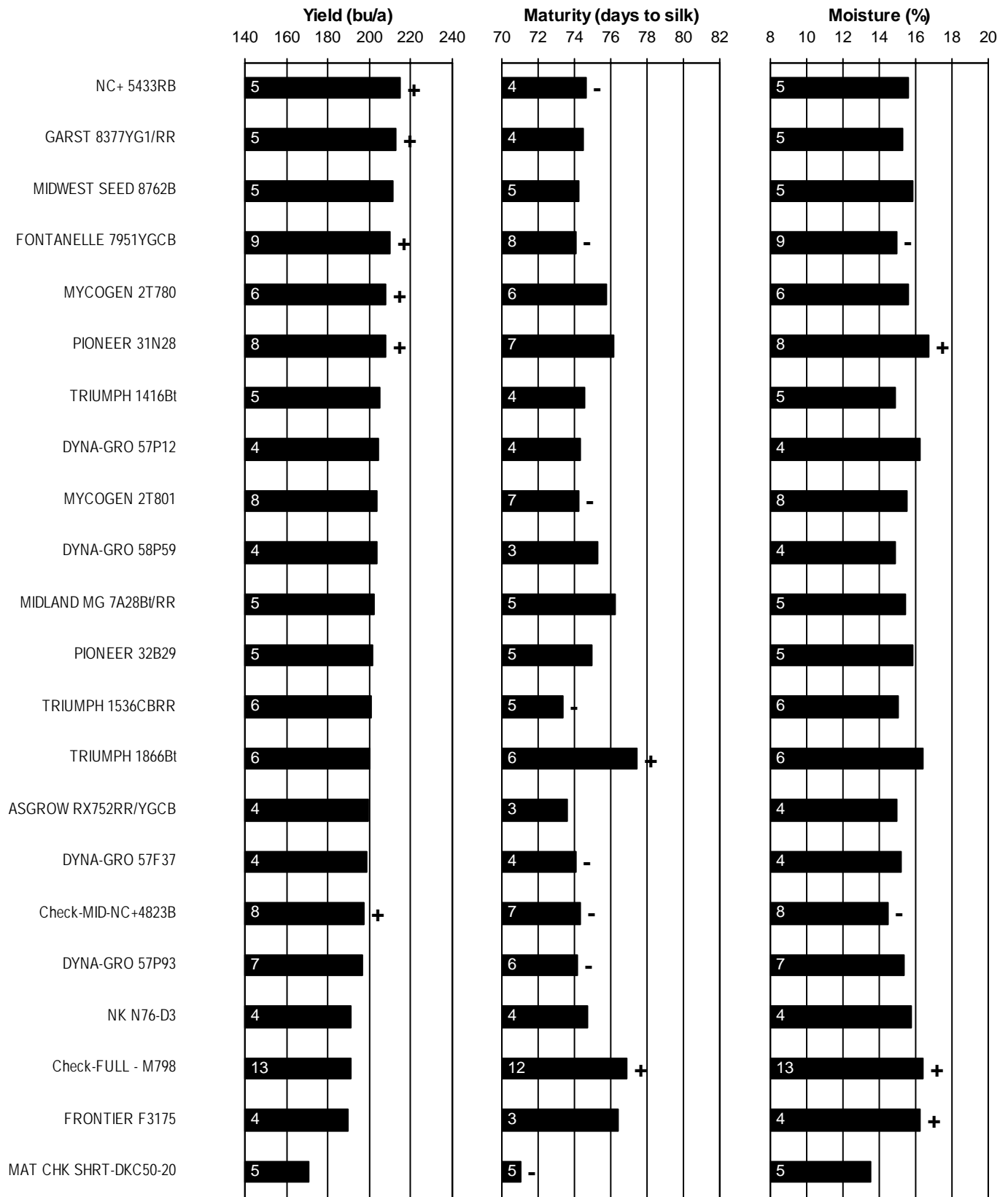


Figure 7. CENTRAL Kansas IRRIGATED corn hybrid standardized performance summary, 2002-2006.

Values within bars indicate the number of comparisons with checks. Symbols (+, -) indicate if statistically higher or lower than mean of checks.

NORTHWEST KANSAS IRRIGATED CORN TEST ON SILT LOAM SOIL

Northwest Research-Extension Center, Colby; Patrick Evans, agronomist

Keith silt loam; Soybean in 2005

230 - 50 - 0 lb/a N, P, K

Planted on 5/1/2006; Harvested on 10/24/2006

Target stand of 30,000 plants/acre; 7.0 in. spacing

Very dry conditions at planting with uneven emergence in some plots. Rest of growing season was close to normal, with high temperatures during pollination. Insecticide was applied to control spider mites.

Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	5.5	2.8	40	36	127	22
April	0.6	1.4	54	49	316	193
May	1.0	2.9	64	59	464	357
June	3.2	3.5	74	70	654	599
July	1.7	3.1	79	76	777	750
August	2.4	2.1	75	74	687	710
Sept.	2.1	1.7	61	66	409	462
Totals:	16.5	17.5	54	51	3,432	3,093

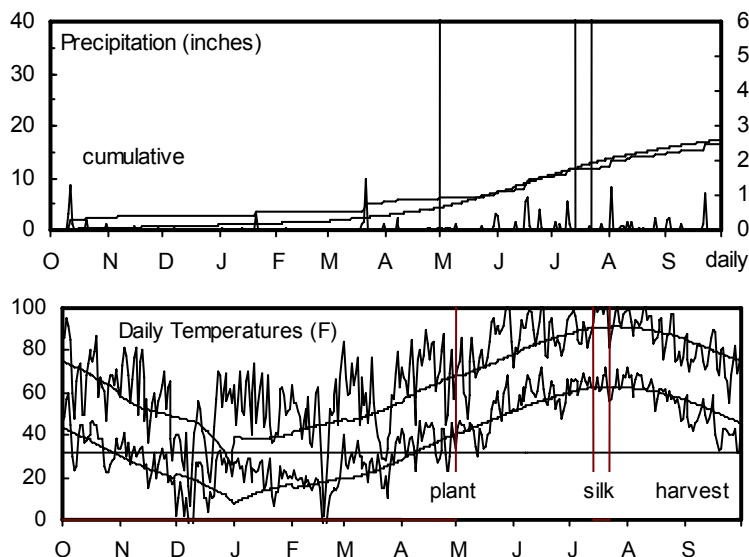


Table 21. Colby Irrigated Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD												
			bushels/acre		% of test		2005-2006		2006						
			2006	2005	2-Yr. AVG.	2006	2005	Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.
MATURITY CHECK	SHRT-DKC50-20		194	204	199	84	82	72	15	73	15	28.5	0	57	--
DEKALB	DKC60-19RR/YG	P250	222	255	239	96	102	74	19	74	19	29.9	0	57	--
CIRCLE	CS-5109YGCB	P250	206	--	--	89	--	--	--	75	19	29.8	2	57	--
CIRCLE	CS-0610	P250	246	--	--	106	--	--	--	76	17	29.7	0	56	--
DYNA-GRO	56P22	P250	207	--	--	89	--	--	--	76	17	28.7	0	56	--
CIRCLE	CS-2509RR/YGC	CE	218	--	--	94	--	--	--	76	18	30.3	5	56	--
DEKALB	DKC58-19RR2	P250	227	--	--	98	--	--	--	76	18	29.3	2	56	--
FIELDER'S CHOICE	7658 S	P1250	229	--	--	99	--	--	--	76	18	29.8	0	57	--
PIONEER	33D11	P1250	250	--	--	108	--	--	--	76	20	29.5	0	55	--
FONTANELLE	8K389	P250	221	--	--	95	--	--	--	76	22	27.0	0	55	--
PIONEER	33B54	P1250	237	237	237	102	95	76	21	76	22	29.8	0	56	--
GRAND VALLEY	22R83		218	--	--	94	--	--	--	77	18	30.4	0	58	--
GRAND VALLEY	23B05		223	259	241	97	104	76	18	77	19	29.1	2	56	--
CIRCLE	CS-0409	CE	222	263	242	96	105	76	19	77	20	29.6	0	55	--
CIRCLE	CS-6199RR/YG+	CE	209	--	--	90	--	--	--	77	20	30.6	0	56	--
GRAND VALLEY	23P03	P250	228	248	238	99	99	75	19	77	20	30.3	0	55	--
MYCOGEN	2C727	C	240	--	--	104	--	--	--	77	20	30.3	2	54	--
FONTANELLE	7K733	P250	225	--	--	97	--	--	--	77	21	29.8	0	55	--
MATURITY CHECK	MID-NC+4823B		202	252	227	87	101	76	20	77	21	29.2	0	55	--
CIRCLE	CS-8609Hx	CE	228	242	235	99	97	77	18	78	18	30.7	1	54	--
ASGROW	RX674RR2	P250	252	--	--	109	--	--	--	78	19	30.6	3	56	--
DEKALB	DKC61-72RR2	P250	243	265	254	105	106	76	18	78	19	28.4	0	57	--
NK	N67-D6	C	230	--	--	100	--	--	--	78	20	30.6	0	54	--
NK	N70-C7	C	234	--	--	101	--	--	--	78	20	29.9	0	53	--
DYNA-GRO	57F06	P250	222	--	--	96	--	--	--	78	21	29.4	0	54	--
LG SEEDS	LG2627Hx	P250	251	--	--	109	--	--	--	78	21	31.3	0	53	--
PREMIUM	P236RR		216	--	--	93	--	--	--	78	21	27.6	0	54	--
PRODUCERS	7361YGCB	P250	234	--	--	101	--	--	--	78	21	29.2	0	54	--

(continued)

Table 21. Colby Irrigated Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD					2005-2006		2006					
			bushels/acre		2-Yr. average		% of test	Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.
			2006	2005	2006	2005									
CIRCLE	CS-5310YGCB	P250	231	--	--	100	--	--	--	78	22	29.3	1	53	--
DYNA-GRO	57P46	P250	212	257	234	91	103	76	20	78	22	28.0	0	54	--
LG SEEDS	LG2619BT	P250	270	264	267	117	106	76	21	78	22	30.1	0	54	--
MYCOGEN	2T801	C	271	268	270	117	108	76	21	78	22	30.3	0	54	--
CROPLAN GEN.	6992RB	C	238	--	--	103	--	--	--	78	23	29.8	0	53	--
GARST	8377YG1/RR	C	251	266	258	108	107	77	21	78	23	29.5	0	53	--
GRAND VALLEY	23P95	P250	242	--	--	105	--	--	--	78	23	29.1	3	54	--
OTILIE	5436YGCB	C	240	265	253	104	106	76	22	78	23	29.0	0	53	--
TRIUMPH	1536CBRR	P1250	243	267	255	105	107	76	22	78	23	27.8	0	54	--
GRAND VALLEY	23B08		236	--	--	102	--	--	--	78	24	29.3	1	53	--
CIRCLE	CS-2613RR/YGC	P250	212	--	--	92	--	--	--	79	20	28.1	0	54	--
TRIUMPH	1120CBRR	P250	227	--	--	98	--	--	--	79	20	29.4	0	55	--
CIRCLE	CS-8414Hx	CE	242	267	254	105	107	78	20	79	21	29.8	0	53	--
DYNA-GRO	57X97	P250	253	--	--	109	--	--	--	79	22	30.6	1	54	--
FIELDER'S CHOICE	7728 S	P250	244	--	--	105	--	--	--	79	22	28.0	0	54	--
MATURITY CHECK	FULL-R8526YGC		234	254	244	101	102	78	21	79	22	29.3	1	54	--
PRODUCERS	7373YGCBRR	P250	259	275	267	112	110	77	21	79	22	29.4	1	54	--
CROPLAN GEN.	731Hx	C	244	250	247	105	100	78	21	79	23	31.4	1	52	--
DYNA-GRO	57F37	P250	237	--	--	102	--	--	--	79	23	29.4	1	53	--
FONTANELLE	7951YGCB	P250	243	269	256	105	108	77	21	79	23	29.1	1	54	--
NC+	5433RB		251	279	265	108	112	77	21	79	23	29.5	0	53	--
GARST	8378YG1	C	208	--	--	90	--	--	--	79	24	28.2	1	52	--
MYCOGEN	2K717	C	237	--	--	103	--	--	--	80	20	29.2	0	56	--
PRODUCERS	7073YGCB	P250	250	--	--	108	--	--	--	80	21	29.2	0	54	--
GOLDEN ACRES	2841RRB	P250	206	--	--	89	--	--	--	80	24	26.4	0	51	--
OTILIE	5476YGCB	C	203	248	225	88	100	78	22	80	24	26.4	1	53	--
CROPLAN GEN.	751RR/Bt	C	226	225	225	97	90	77	22	80	25	30.1	0	52	--
DYNA-GRO	57P12	P250	224	255	239	97	102	78	23	80	25	27.3	0	53	--
NC+	6122RB		211	--	--	91	--	--	--	80	25	29.1	0	53	--
PIONEER	32B29	P1250	244	238	241	105	96	80	23	81	24	29.7	0	54	--
GOLDEN ACRES	2988RRB	P250	233	--	--	101	--	--	--	82	24	30.2	1	54	--
MATURITY CHECK	FULL - M798		232	243	237	100	97	81	23	83	24	28.0	1	53	--
	AVERAGES		231	249	240	231	249	76	20	78	21	29.3	1	54	--
	CV (%)		9	6	--	9	6	--	--	2	8	6.5	222	2	--
	LSD (0.05)*		28	21	--	12	8	--	--	2	2	2.6	2	2	--

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

WEST-CENTRAL KANSAS IRRIGATED CORN TEST ON SILT LOAM SOIL

Southwest Research-Extension Center, Tribune; Alan Schlegel, agronomist

Ulysses silt loam; Sunflower in 2005

5 - 17 - 0 lb/a N, P, K

Planted on 5/2/2006; Harvested on 10/3/2006

Target stand of 30,000 plants/acre; 7.0 in. spacing

Drier than normal spring caused uneven emergence; several plots had to be replanted. Minimal lodging and some dropped ears were reported.

Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	5.4	2.7	41	37	150	73
April	0.2	1.3	55	49	348	222
May	1.6	2.3	64	59	458	381
June	2.4	2.6	74	70	641	581
July	1.7	2.5	79	76	759	720
August	0.4	2.2	76	74	699	697
Sept.	1.2	1.3	62	66	420	504
Totals:	12.8	15.0	55	52	3,475	3,177

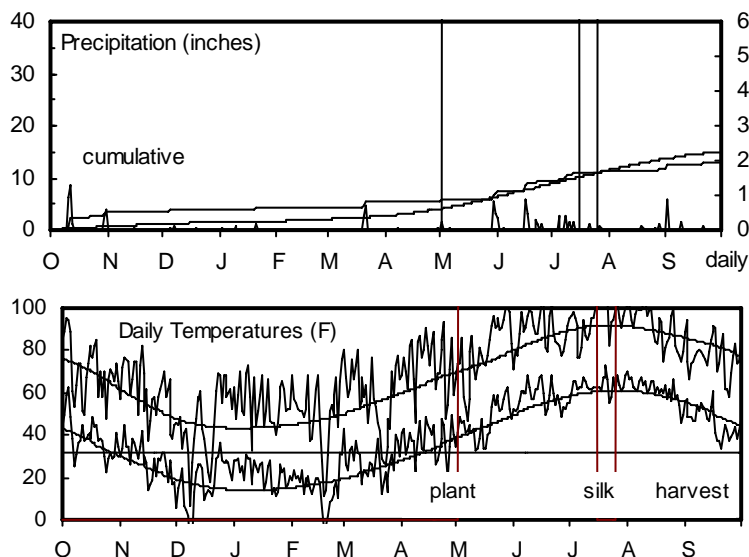


Table 22. Tribune Irrigated Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	2006	2005								
MATURITY CHECK	SHRT-DKC50-20		202	167	184	83	95	73	17	74	18	34.2	0	56	101
PIONEER	33D11	P1250	249	--	--	101	--	--	--	75	24	32.7	0	53	107
FONTANELLE	8K389	P250	236	--	--	96	--	--	--	75	26	29.1	0	52	108
MIDWEST SEED	7S322	C250	258	--	--	105	--	--	--	76	28	32.1	0	53	106
CIRCLE	CS-6199RR/YG+	CE	238	--	--	97	--	--	--	77	24	33.8	0	53	108
FONTANELLE	7K733	P250	259	--	--	106	--	--	--	77	26	34.0	0	53	103
PRODUCERS	7361YGCB	P250	271	--	--	110	--	--	--	77	26	33.8	0	52	110
DYNA-GRO	57B94	P250	257	--	--	105	--	--	--	77	29	33.8	0	52	111
NK	N67-D6	C	245	--	--	100	--	--	--	78	23	35.2	0	54	105
TRIUMPH	7861CBRR	P250	223	174	198	91	99	76	23	78	24	34.1	0	53	108
CIRCLE	CS-8005RR/YG+	CE	279	--	--	114	--	--	--	78	26	35.8	0	53	110
DYNA-GRO	57P69	P250	233	--	--	95	--	--	--	78	26	34.3	0	52	111
GRAND VALLEY	23B08		238	--	--	97	--	--	--	78	26	32.6	0	52	111
MATURITY CHECK	MID-NC+4823B		239	176	207	98	100	77	24	78	26	33.0	0	51	112
MYCOGEN	2C727	C	256	--	--	105	--	--	--	78	26	33.4	0	52	105
OTILIE	5436YGCB	C	277	188	233	113	107	77	26	78	26	34.8	0	52	111
DYNA-GRO	57P93	P250	252	172	212	103	98	77	25	78	27	31.3	0	52	109
NK	N70-C7	C	251	--	--	102	--	--	--	78	27	33.4	0	51	108
CIRCLE	CS-8274YGCB	CE	261	177	219	107	101	76	24	78	28	34.8	0	52	110
GRAND VALLEY	23P95	P250	254	192	223	104	109	76	26	78	28	30.3	0	52	113
PRODUCERS	7073YGCB	P250	251	--	--	102	--	--	--	79	23	32.6	0	52	108
CIRCLE	CS-2613RR/YGC	P250	249	--	--	102	--	--	--	79	26	31.8	0	51	111
DYNA-GRO	57F06	P250	255	--	--	104	--	--	--	79	26	33.4	0	51	110
GRAND VALLEY	23B05		232	196	214	95	112	77	25	79	26	32.2	0	52	107
LG SEEDS	LG2619BT/RR	P250	277	196	236	113	112	78	25	79	26	34.6	1	52	110
LG SEEDS	LG2627Hx	P250	263	--	--	108	--	--	--	79	26	34.9	1	51	111
DYNA-GRO	57F37	P250	269	--	--	110	--	--	--	79	27	31.9	0	53	108
DYNA-GRO	57P46	P250	234	179	206	96	102	77	25	79	27	32.3	0	51	111
GARST	8377YG1/RR	C	268	186	227	109	106	77	26	79	27	34.9	1	51	108
NC+	5433RB		266	184	225	108	105	77	26	79	27	31.0	1	52	109

(continued)

Table 22. Tribune Irrigated Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD				2005-2006		2006						
			bushels/acre		% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.	
			2006	2005	2-Yr. AVG.	average 2006 2005									
PIONEER	33B54	P1250	241	203	222	98	116	77	27	79	27	33.0	0	53	102
TRIUMPH	1536CBRR	P1250	275	191	233	112	108	77	26	79	27	35.2	0	52	109
MYCOGEN	2T801	C	277	193	235	113	110	77	26	79	28	35.2	0	52	112
FONTANELLE	7951YGCB	P250	249	192	221	102	109	77	27	79	29	30.8	0	51	109
PRODUCERS	7373YGCBBRR	P250	260	182	221	106	104	77	27	79	29	33.1	0	51	115
MYCOGEN	2K717	C	246	--	--	100	--	--	--	80	25	33.9	0	53	112
GARST	8378YG1	C	254	--	--	104	--	--	--	80	27	32.2	0	53	122
CIRCLE	CS-8414Hx	CE	260	172	216	106	98	78	27	80	28	34.2	0	52	112
CROPLAN GEN.	6992RB	C	245	--	--	100	--	--	--	80	28	33.2	0	50	112
CROPLAN GEN.	731Hx	C	260	178	219	106	101	78	27	80	28	35.5	0	52	114
GRAND VALLEY	25P00	P250	206	--	--	84	--	--	--	80	28	32.3	0	51	113
PIONEER	32B29	P1250	236	177	207	97	101	79	28	80	28	32.0	0	54	110
MATURITY CHECK	FULL-R8526YGC		247	155	201	101	88	79	29	80	29	33.9	0	52	113
CROPLAN GEN.	751RR/Bt	C	234	159	197	96	90	77	27	80	30	33.4	0	50	112
NC+	6122RB		230	--	--	94	--	--	--	80	31	31.6	0	51	116
OTILIE	5476YGCB	C	234	167	201	96	95	79	30	80	31	32.5	0	51	114
MIDWEST SEED	8S214	C250	237	--	--	97	--	--	--	81	30	32.5	0	51	111
CIRCLE	CS-9014RR/YGC	CE	222	149	186	91	85	80	31	81	31	34.1	0	52	115
DYNA-GRO	58K04	P250	207	--	--	84	--	--	--	82	29	32.2	1	53	114
GRAND VALLEY	24B69		256	--	--	105	--	--	--	82	29	33.3	0	53	114
GOLDEN ACRES	2988RRB	P250	222	--	--	91	--	--	--	83	29	34.8	1	53	113
GOLDEN ACRES	2841RRB	P250	176	--	--	72	--	--	--	83	33	25.6	0	50	113
MATURITY CHECK	FULL - M798		168	136	152	69	77	81	30	84	35	29.2	1	52	116
	AVERAGES		245	176	210	245	176	77	26	79	27	33.0	0	52	110
	CV (%)		7	7	--	7	7	--	--	1	7	6.2	471	2	3
	LSD (0.05)*		25	18	--	10	10	--	--	1	3	2.9	1	1	5

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

SOUTHWEST KANSAS IRRIGATED CORN TEST ON SILT LOAM SOIL

Southwest Research-Extension Center, Garden City; Monty Spangler, technician

Keith silt loam; Soybean in 2005

200 - 0 - 0 lb/a N, P, K

Planted on 5/4/2006; Harvested on 10/16/2006

Target stand of 30,000 plants/acre; 7.0 in. spacing

Yields were better than expected, despite stressful environment; some hybrids were moderately lodged.

Month	Precipitation		Average Temp.		GDU	
	2006	Norm.	2006	Norm.	2006	Norm.
Oct.-Mar.	4.8	3.8	42	37	172	56
April	0.8	1.6	58	50	379	214
May	2.5	2.9	66	61	495	388
June	2.3	3.0	76	72	683	635
July	4.7	2.5	81	78	803	768
August	2.6	2.2	77	75	736	746
Sept.	0.9	1.6	64	68	459	530
Totals:	18.5	17.6	56	52	3,725	3,337

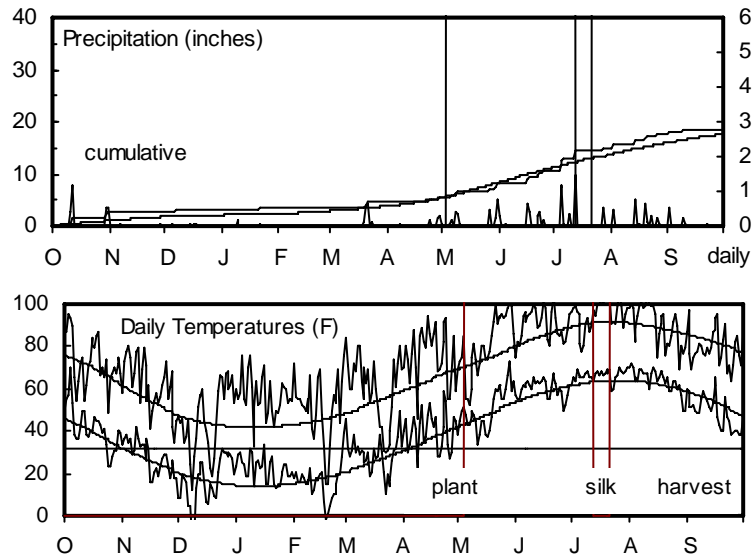


Table 23. Garden City Irrigated Corn Performance Test, 2005-2006.

BRAND	NAME	Seed treatment*	YIELD		2005-2006		2006								
			bushels/acre		Days to Silk	Grain to Moist. %	Days to Silk	Grain to Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.			
			2006	2005									2-Yr. average	% of test	
MATURITY CHECK	SHRT-DKC50-20		104	82	93	68	67	70	14	68	14	27.7	1	54	94
MIDWEST SEED	76302S	C250	137	--	--	90	--	--	--	69	16	27.1	2	57	100
FONTANELLE	7K733	P250	179	--	--	118	--	--	--	70	16	26.9	1	58	101
LG SEEDS	LG2640Bt	P250	125	--	--	82	--	--	--	70	16	24.1	1	57	100
MIDLAND	MG 697Bt	C	142	--	--	93	--	--	--	70	16	24.5	1	57	98
MIDWEST SEED	79204T	C250	170	--	--	111	--	--	--	70	16	25.9	5	58	109
DEKALB	DKC64-81YGCB	P250	170	--	--	111	--	--	--	70	17	27.8	0	59	103
MIDLAND	MG 417Bt	P250	161	--	--	106	--	--	--	70	17	23.6	2	56	100
MATURITY CHECK	MID-NC+4823B		142	113	128	93	92	72	15	71	17	25.9	0	57	104
DYNA-GRO	57X97	P250	177	--	--	116	--	--	--	71	19	26.3	1	57	107
PRODUCERS	7073YGCB	P250	159	--	--	104	--	--	--	72	15	26.2	0	58	102
DEKALB	DKC61-72RR2	P250	98	111	104	64	90	72	15	72	16	27.2	22	56	100
FONTANELLE	8K389	P250	134	--	--	88	--	--	--	72	16	23.0	7	58	105
MIDWEST SEED	7S322	C250	160	--	--	105	--	--	--	72	16	25.7	2	58	101
DEKALB	DKC64-27RR2	P250	95	--	--	62	--	--	--	72	17	28.2	14	58	94
DYNA-GRO	57P46	P250	150	127	139	98	104	73	15	72	17	26.2	0	58	106
DYNA-GRO	57P93	P250	182	131	157	120	107	73	16	72	17	23.8	1	57	105
FIELDER'S CHOICE	7830 S	P250	161	--	--	106	--	--	--	72	17	28.0	1	60	105
FONTANELLE	7951YGCB	P250	154	136	145	101	111	73	16	72	17	20.5	2	57	105
HPH	KS EXP 332		152	--	--	99	--	--	--	72	17	23.1	1	58	104
NK	N67-D6	C	160	--	--	105	--	--	--	72	17	28.1	0	57	102
OTILIE	5436YGCB	C	178	126	152	116	103	73	16	72	17	25.3	0	57	104
TRIUMPH	1416Bt	P250	180	--	--	118	--	--	--	72	17	23.1	1	58	105
TRIUMPH	1536CBRR	P1250	145	105	125	95	86	73	16	72	17	28.8	0	57	104
DEKALB	DKC62-31YGCB	P250	159	--	--	104	--	--	--	72	18	26.0	0	59	97
DYNA-GRO	57F37	P250	162	105	133	106	86	73	16	72	18	26.1	1	58	102
FIELDER'S CHOICE	9612 B	P250	155	--	--	101	--	--	--	72	18	25.5	0	57	101
LG SEEDS	LG2619BT/RR	P250	185	--	--	122	--	--	--	72	18	27.4	0	58	109
MYCOGEN	2T801	C	175	123	149	115	100	73	16	72	18	29.0	0	58	106
PRODUCERS	7361YGCB	P250	187	--	--	123	--	--	--	72	18	29.6	1	57	104
CROPLAN GEN.	6992RB	C	155	--	--	102	--	--	--	72	19	24.5	0	56	107

(continued)

Table 23. Garden City Irrigated Corn Performance Test, 2005-2006 - continued.

BRAND	NAME	Seed treatment*	YIELD					2005-2006		2006					
			bushels/acre			% of test		Days to Silk	Grain Moist. %	Days to Silk	Grain Moist. %	Pop. 1000 ppa	Ldg %	Test Wt. lb/bu	Ht. in.
			2006	2005	2-Yr. AVG.	2006	2005								
MIDLAND	MG 7A15Bt/RR	P250	171	--	--	112	--	--	--	72	19	26.4	0	57	103
OTLIE	5476YGCB	C	153	146	150	100	120	74	17	72	19	19.9	2	56	112
PIONEER	33B54	P1250	154	123	138	101	101	73	17	72	19	24.6	0	58	99
PRODUCERS	7373YGCBBR	P250	151	123	137	99	100	73	16	72	19	24.8	2	57	102
DEKALB	DKC66-23RR2/YG	P250	159	--	--	104	--	--	--	73	17	25.0	1	58	104
FIELDER'S CHOICE	7728 S	P250	147	--	--	96	--	--	--	73	17	24.8	0	57	101
NK	N70-C7	C	150	--	--	98	--	--	--	73	17	28.2	2	58	99
GARST	8313CB/LL	C	198	--	--	130	--	--	--	73	19	28.2	0	56	104
MYCOGEN	2T780	C	166	125	146	109	102	75	17	73	19	27.2	1	56	106
HPH	KS 3131		157	--	--	103	--	--	--	74	16	27.7	15	56	101
DYNA-GRO	57F06	P250	153	--	--	100	--	--	--	74	17	25.7	0	57	102
DYNA-GRO	57B94	P250	155	--	--	102	--	--	--	74	18	26.2	0	57	99
GARST	8378YG1	C	159	--	--	104	--	--	--	74	18	27.3	3	59	105
PIONEER	33N11	P1250	167	--	--	110	--	--	--	74	18	28.1	0	60	110
CROPLAN GEN.	7558RB	C	162	--	--	106	--	--	--	74	19	24.6	0	57	100
GARST	8377YG1/RR	C	175	126	150	115	103	74	17	74	19	23.5	0	58	102
HPH	KS 5171		104	115	110	69	94	75	17	74	19	24.8	19	55	107
LG SEEDS	LG2627Hx	P250	193	--	--	127	--	--	--	74	19	26.7	1	56	107
NK	N76-D3	C	154	--	--	101	--	--	--	74	19	27.7	0	57	101
MATURITY CHECK	FULL-R8526YGC		170	--	--	111	--	--	--	74	20	26.9	1	56	110
MIDWEST SEED	8S214	C250	152	--	--	100	--	--	--	74	20	25.5	0	56	110
MYCOGEN	2T828	C	167	--	--	109	--	--	--	74	20	26.1	1	56	106
PIONEER	32B29	P1250	141	147	144	92	121	77	17	75	19	25.5	0	59	108
DYNA-GRO	57P12	P250	166	153	160	109	125	76	18	75	20	24.1	0	55	105
DYNA-GRO	58K04	P250	101	--	--	66	--	--	--	76	18	27.7	21	58	107
DYNA-GRO	58P59	P250	182	--	--	119	--	--	--	76	18	26.8	0	55	110
FIELDER'S CHOICE	7880 S	P250	151	--	--	99	--	--	--	76	19	25.9	0	56	107
MIDLAND	MG 7A28Bt/RR	P250	159	--	--	104	--	--	--	76	19	23.0	0	54	109
GOLDEN ACRES	2841RRB	P250	155	--	--	102	--	--	--	76	20	17.7	1	54	105
MIDLAND	MG 7A58Bt/RR	P250	138	--	--	91	--	--	--	76	21	21.5	1	55	106
HPH	KS 5160		91	133	112	59	109	77	17	77	19	27.0	21	53	103
CROPLAN GEN.	751RR/Bt	C	106	103	105	70	85	75	17	77	20	27.3	0	56	106
GARST	8247YG1	C	157	--	--	103	--	--	--	77	21	28.0	0	56	109
GOLDEN ACRES	2988RRB	P250	162	--	--	106	--	--	--	78	18	26.8	2	58	105
TRIUMPH	1756CBRR	P250	93	--	--	61	--	--	--	78	19	25.9	0	55	102
MATURITY CHECK	FULL - M798		105	136	121	69	111	80	17	78	20	20.5	26	56	108
	AVERAGES		152	122	137	152	122	74	16	73	18	25.7	3	57	104
	CV (%)		12	13	--	12	13	--	--	2	6	7.5	111	2	4
	LSD (0.05)*		25	23	--	16	19	--	--	2	2	2.7	4	2	6

* C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®. Numbers indicate rates if available. Yields in bold are in the top LSD group.

** Unless two varieties differ by more than the LSD, little confidence can be placed in one being superior to the other.

Table 24. WEST Kansas IRRIGATED corn hybrid yield summary (% of test average), 2006.

BRAND/NAME	COL*	TRI	GC	AVG.	BRAND/NAME	COL	TRI	GC	AVG.
ASGROW					GARST				
RX674RR2	109	--	--	--	8247YG1	--	--	103	--
CIRCLE					8313CB/LL	--	--	130	--
CS-0409	96	--	--	--	8377YG1/RR	108	109	115	111
CS-0610	106	--	--	--	8378YG1	90	104	104	99
CS-2509RR/YGCB	94	--	--	--	GOLDEN ACRES				
CS-2613RR/YGCB	92	102	--	--	2841RRB	89	72	102	88
CS-5109YGCB	89	--	--	--	2988RRB	101	91	106	99
CS-5310YGCB	100	--	--	--	GRAND VALLEY				
CS-6199RR/YG+	90	97	--	--	22R83	94	--	--	--
CS-8005RR/YG+	--	114	--	--	23B05	97	95	--	--
CS-8274YGCB	--	107	--	--	23B08	102	97	--	--
CS-8414Hx	105	106	--	--	23P03	99	--	--	--
CS-8609Hx	99	--	--	--	23P95	105	104	--	--
CS-9014RR/YGCB	--	91	--	--	24B69	--	105	--	--
CROPLAN GEN.					25P00	--	84	--	--
6992RB	103	100	102	101	HPH				
731Hx	105	106	--	--	KS 3131	--	--	103	--
751RR/Bt	97	96	70	88	KS 5160	--	--	59	--
7558RB	--	--	106	--	KS 5171	--	--	69	--
DEKALB					KS EXP 332	--	--	99	--
DKC58-19RR2	98	--	--	--	LG SEEDS				
DKC60-19RR/YGCB	96	--	--	--	LG2619BT	117	--	--	--
DKC61-72RR2	105	--	64	--	LG2619BT/RR	--	113	122	--
DKC62-31YGCB	--	--	104	--	LG2627Hx	109	108	127	114
DKC64-27RR2	--	--	62	--	LG2640Bt	--	--	82	--
DKC64-81YGCB	--	--	111	--	MIDLAND				
DKC66-23RR2/YGCB	--	--	104	--	MG 417Bt	--	--	106	--
DYNA-GRO					MG 697Bt	--	--	93	--
56P22	89	--	--	--	MG 7A15Bt/RR	--	--	112	--
57B94	--	105	102	--	MG 7A28Bt/RR	--	--	104	--
57F06	96	104	100	100	MG 7A58Bt/RR	--	--	91	--
57F37	102	110	106	106	MIDWEST SEED				
57P12	97	--	109	--	76302S	--	--	90	--
57P46	91	96	98	95	79204T	--	--	111	--
57P69	--	95	--	--	7S322	--	105	105	--
57P93	--	103	120	--	8S214	--	97	100	--
57X97	109	--	116	--	MYCOGEN				
58K04	--	84	66	--	2C727	104	105	--	--
58P59	--	--	119	--	2K717	103	100	--	--
FIELDER'S CHOICE					2T780	--	--	109	--
7658 S	99	--	--	--	2T801	117	113	115	115
7728 S	105	--	96	--	2T828	--	--	109	--
7830 S	--	--	106	--	NC+				
7880 S	--	--	99	--	5433RB	108	108	--	--
9612 B	--	--	101	--	6122RB	91	94	--	--
FONTANELLE					NK				
7951YGCB	105	102	101	102	N67-D6	100	100	105	101
7K733	97	106	118	107	N70-C7	101	102	98	101
8K389	95	96	88	93	N76-D3	--	--	101	--

(continued)

* COL = Colby, Thomas Co.

TRI = Tribune, Greeley Co.

GC = Garden City, Finney Co.

Table 24. WEST Kansas IRRIGATED corn hybrid yield summary (% of test average), 2006 - continued.

BRAND/NAME	COL*	TRI	GC	AVG.	BRAND/NAME	COL	TRI	GC	AVG.
OTTILIE									
5436YGCB	104	113	116	111					
5476YGCB	88	96	100	95					
PIONEER									
32B29	105	97	92	98					
33B54	102	98	101	100					
33D11	108	101	--	--					
33N11	--	--	110	--					
PREMIUM									
P236RR	93	--	--	--					
PRODUCERS									
7073YGCB	108	102	104	105					
7361YGCB	101	110	123	111					
7373YGCRR	112	106	99	106					
TRIUMPH									
1120CBRR	98	--	--	--					
1416Bt	--	--	118	--					
1536CBRR	105	112	95	104					
1756CBRR	--	--	61	--					
7861CBRR	--	91	--	--					
MATURITY CHECK									
FULL - M798	100	69	69	79					
FULL-R8526YGCB	101	101	111	104					
MID-NC+4823B	87	98	93	93					
SHRT-DKC50-20	84	83	68	78					
AVERAGES	231	245	152	210					
CV (%)	9	7	12	--					
LSD (0.05)	12	10	16	--					

* COL = Colby, Thomas Co.

TRI = Tribune, Greeley Co.

GC = Garden City, Finney Co.

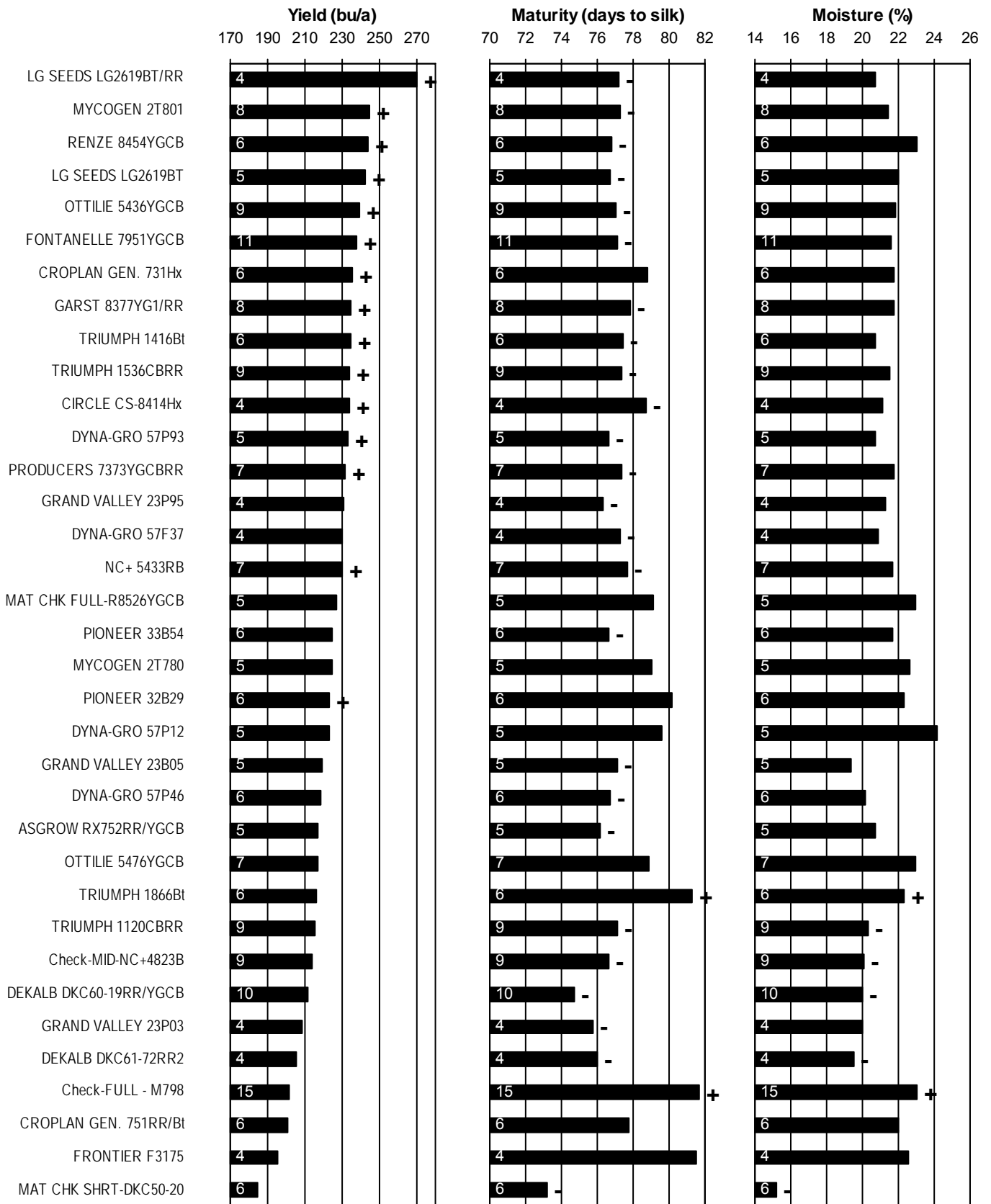


Figure 8. WEST Kansas IRRIGATED corn hybrid standardized performance summary, 2002-2006.

Values within bars indicate the number of comparisons with checks. Symbols (+,-) indicate if statistically higher or lower than mean of checks.

Table 25. Entries in the 2006 Kansas Corn Performance Tests*

	SD	TRT*	GDD	DBL	RES	P	F		SD	TRT	GDD	DBL	RES	P	F
AGSOURCE								DEKALB							
578TPLRR	--		--	--	--	--	--	DKC52-63RR2/YG	P250		2540	102	RR,CB	--	--
5963CB	--		--	--	--	--	--	DKC52-47RR/YGC	P250		2550	102	RR,CB	--	--
6057	--		--	--	--	--	--	DKC54-53RR2/YG	P250		2585	104	RR,CB	--	--
6163CB	--		--	--	--	--	--	DKC58-19RR2	P250		2735	108	RR	--	--
6226CBRR	--		--	--	--	--	--	DKC60-19RR/YGC	P250		2750	110	RR,CB	--	--
6276CBRR	--		--	--	--	--	--	DKC61-72RR2	P250		2760	111	RR	--	--
6286CBRR	--		--	--	--	--	--	DKC62-31YGCB	P250		2780	112	CB	--	--
6486CBRR	--		--	--	--	--	--	DKC63-81RR2/YG	P250		2790	113	RR,CB	--	--
684TPLRR2	--		--	--	--	--	--	DKC64-27RR2	P250		2780	114	RR	--	--
6886CBRR	--		--	--	CB,RR	--	--	DKC64-81YGCB	P250		2820	114	CB	--	--
688T	--		--	--	--	--	--	DKC66-23RR2/YG	P250		2820	116	RR,CB	--	--
788TPLRR	--		--	--	--	--	--	DYNA-GRO							
7923Hx	--		--	--	--	--	--	55B65	P250		2505	100	RRCBRW	Y	Y
X6118	--		--	--	--	--	--	55P86	P250		2545	103	RRCB	Y	Y
5783CB	--		--	108	CB	N	Y	56P07	P250		2560	104	RRCB	Y	Y
7243CB	--		2800	115	CB	N	S	56K44	P250		2610	105	RR	Y	Y
7783CB	--		2860	116	BtCB	Y	Y	56P22	P250		2625	105	RR,CB	Y	Y
7883ACBCL	--		--	118	CB,CL	N	Y	57P69	P250		2775	110	RR,CB	Y	Y
ASGROW								57P46	P250		2800	111	RR,CB	Y	Y
RX668RR2/YGCB	P250		2740	107	RR,CB	--	--	57F32	P250		2785	112	CB	Y	Y
RX655RR2	P250		2750	107	RR	--	--	57F06	P250		2805	112	CB	Y	Y
RX674RR2	P250		2770	109	RR	--	--	57F37	P250		2810	112	CB	Y	Y
RX715RR2/YGCB	P250		2750	111	RR,CB	--	--	57X97	P250		2825	113	CB	Y	Y
RX752RR/YGCB	P250		2750	112	RR,CB	--	--	57P93	P250		2830	113	RR,CB	Y	Y
RX754RR2	P250		2785	112	RR	--	--	57B94	P250		2830	114	RRCBRW	Y	Y
CIRCLE								58K04	P250		2845	114	RR	Y	Y
CS-1606RR	P250		2550	106	RR	Y	Y	57P12	P250		2850	114	RR,CB	Y	Y
CS-2506RR/YGCB	CE		2550	106	RR,CB	Y	Y	58P59	P250		2875	116	RR,CB	Y	Y
CS-2509RR/YGCB	CE		2560	107	RR,CB	N	Y	FIELDER'S CHOICE							
CS-5109YGCB	P250		2580	109	CB	Y	Y	7550 Hx	P250		--	100	HX,LL	N	Y
CS-8609Hx	CE		2580	109	CB	N	Y	7648 Hx	P250		--	105	HX,LL	N	Y
CS-0409	CE		2590	109	--	N	Y	7658 S	P1250		--	105	CB,RR	N	Y
CS-0610	P250		2620	110	--	Y	Y	7757 Hx	P250		--	110	HX,LL	N	Y
CS-5310YGCB	P250		2620	110	CB	N	Y	7728 S	P250		--	112	CB,RR	N	Y
CS-6199RR/YG+	CE		2630	112	RR,CB,RW	N	Y	7792 S	P250		--	113	CB,RR	N	Y
CS-2613RR/YGCB	P250		2655	113	RR,CB	N	Y	7830 S	P250		--	113	CB,RR	N	Y
CS-8414Hx	CE		2685	114	CB	N	Y	9612 B	P250		--	113	CB	N	Y
CS-8274YGCB	CE		2690	114	CB	Y	Y	7880 S	P250		--	117	CB,RR	N	Y
CS-8005RR/YG+	CE		2710	114	RR,CB,RW	N	Y	FONTANELLE							
CS-9014RR/YGCB	CE		2720	116	RR,CB	N	Y	7K733	P250		--	111	YG+,RR	Y	Y
CROPLAN GEN.								8K389	P250		--	112	YG+,RR	Y	Y
421RR2/Bt	C		2485	100	RR,CB	N	N	7951YGCB	P250		--	115	CB	N	Y
501RR2/Bt	C		2525	103	RR,CB	N	Y	9N283	P250		--	117	YGCB,RR	Y	Y
521RR2/Bt	C		2570	105	RR,CB	N	N	FRONTIER							
576Bt/CL	C		2580	107	CL,CB	N	Y	F3175	--		2900	117	--	Y	Y
643RR/Bt	C		2660	111	RR,CB	N	M	GARST							
663RR/Bt	C		2740	112	RR,CB	N	N	8880YG1	C		2260	96	CB	N	Y
6992RB	C		2760	112	RR,CB	N	Y	8688GT	C		2500	104	GT	N	Y
731Hx	C		2780	114	CB,LL	N	Y	8566YG1	C		2565	106	CB	N	Y
7558RB	C		2800	115	RR,CB	N	N	8534YG1/RR	C		2560	108	CB,GT	N	Y
751RR/Bt	C		2810	115	RR,CB	N	Y	8535YG1/RR	C		2560	108	CB,CL	N	Y
DEKALB								8545	C		2555	109	--	N	Y
DKC47-10RR/YGC	P250		2420	97	RR,CB	--	--	8452CB/LL	C		2600	112	CB,LL	N	Y
DKC50-20RR/YGC	P250		2520	100	RR,CB	--	--								

(continued)

Table 25. Entries in the 2006 Kansas Corn Performance Tests - continued.

SD TRT* GDD DBL RES P F							SD TRT GDD DBL RES P F						
GARST							KRUGER						
8378YG1	C	2640	114	CB	N	Y	K-8615Hx	P250	2655	115	CB,LL	Y	Y
8377YG1/RR	C	2620	115	CB,RR	N	Y	K-5416YGCB	CE	2690	115	CB	Y	Y
8275YG1	C	2660	116	CB	N	Y	K-9115TS	CE	2710	115	RR,CB,CRW	N	Y
8313CB/LL	C	2660	116	CB,LL	N	Y	K-8516Hx	P250	2700	116	CB	Y	Y
8225YG1/RR	C	2650	117	CB,RR	N	Y	K-8616Hx	CE	2775	116	CB	Y	Y
8247YG1	C	2690	117	CB	N	Y	K-2517RR/YGCB	CE	2780	116	RR,CB	N	Y
8295YG1/RR	C	2690	118	CB,RR	N	Y	K-5617YGCB	P250	2780	117	CB	Y	Y
GOLDEN ACRES							LEWIS						
2841RRB	P250	2830	115	CB,RR	N	Y	4847CB	C	2660	109	CB	Y	Y
2988RRB	P250	2880	117	CB,RR	N	Y	5997PL/RR	P250	2720	112	RR,CB,RW	Y	Y
GRAND VALLEY							LG SEEDS						
22R83	--	2500	108	RR	Y	Y	7044YGCB	P250	2800	115	CB	Y	Y
23P03	P250	2570	111	RR,CB,RW	N	Y	7065CB/RR	P250	2800	116	CB,RR	Y	Y
23B08	--	2585	112	RR,CB	N	Y	LG SEEDS						
23B05	--	2590	112	RR,CB	N	Y	LG2619BT	P250	2680	113	CB	N	Y
24B69	--	2740	114	RR,CB	N	Y	LG2619BT/RR	P250	2680	113	CB,RR	N	Y
23P95	P250	2710	115	RR,CB,RW	N	Y	LG2627Hx	P250	2685	114	Hx, LL	N	Y
25P00	P250	2760	116	RR,CB,RW	N	Y	LG2640Bt	P250	2695	114	CB	N	Y
HAWKEYE							MFA						
114HxLL	--	--	--	--	--	--	MC3573RRCB	C	--	105	CB	--	--
324Bt	--	--	--	--	--	--	XP164	P	--	105	CB	--	--
316Bt	--	2620	113	CB	Y	Y	MC4072CB	C	--	110	CB	--	--
HPH							MIDLAND						
KS EXP 332	--	--	111	--	N	Y	MG 126Bt	P250	2510	100	CB	Y	Y
KS 3131	--	--	113	--	N	Y	MG 117Bt	P250	2540	103	CB	Y	Y
KS 5160	--	--	116	--	N	Y	MG 247Bt	P250	2550	104	CB	Y	Y
KS 5171	--	--	117	--	N	Y	MG 417Bt	P250	2760	110	CB	Y	Y
KRUGER							MIDLAND-PHILLIPS						
K-8605Hx	P250	--	--	HX	Y	Y	712YGCB	P	2700	109	CB	Y	Y
K-1500RR	CE	2470	100	RR	Y	Y	763RRYGCB	P	2780	109	RR,CB	Y	Y
K-8602Hx	CE	2520	102	CB	Y	Y	7B15RRYGCB	P	2800	111	RR,CB	Y	Y
K-5504YGCB	CE	2525	103	CB	Y	Y	7A29RRYGCB	P	2850	113	RR,CB	Y	Y
K-6503TS	CE	2525	103	RR,CB,CRW	Y	Y	728RRYGCB	P	2900	114	RR,CB	Y	Y
K-9203RR/YGCB	CE	2525	103	RR,CB	Y	Y	MIDWEST SEED						
K-0605B	CE	2575	105	--	Y	Y	71101T	C250	--	102	RR,CB,RW	--	Y
K-5505YGCB	CE	2580	105	CB	Y	Y	76302S	C250	--	108	RR,CB	--	--
K-1606RR	P250	2550	106	RR	Y	Y	7S322	C250	--	111	RR,CB	--	--
K-2506RR/YGCB	CE	2550	106	RR,CB	Y	Y	79204T	C250	--	112	RR,CB,RW	--	Y
K-9111YGCB	CE	2620	111	CB	Y	Y	8S214	C250	--	116	RR,CB	--	--
K-9212TS	CE	2630	112	RR,CB,CRW	N	Y	8762B	C250	2740	116	CB	Y	Y
K-0313	P250	2670	113	--	Y	Y							
K-0413	P250	2670	113	--	N	Y							
K-5613YGCB	P250	2670	113	CB	N	Y							
K-7613YG+	P250	2670	113	CB,CRW	N	Y							
K-8213Hx	P250	2670	113	CB	Y	Y							
K-9313RR/YGCB	CE	2670	113	RR,CB	Y	Y							
K-2414RR/YGCB	P250	2685	114	RR,CB	Y	Y							
K-8414Hx	CE	2685	114	CB	N	Y							
K-8614HxB	P250	2685	114	CB	Y	Y							
K-0515	P250	2640	115	--	Y	Y							
K-0215	P250	2650	115	--	Y	Y							
K-5315BTLLA	P250	2650	115	CB,LL	Y	Y							
K-5315BTLLB	P250	2650	115	CB,LL	Y	Y							

(continued)

Table 25. Entries in the 2006 Kansas Corn Performance Tests - continued.

	SD TRT*	GDD	DBL	RES	P	F		SD TRT	GDD	DBL	RES	P	F
MYCOGEN							PREMIUM						
2K717	C	--	111	HX I,LL	--	Y	P241	--	2500	--	--	N	Y
2C727	C	2640	112	HX I,LL	--	Y	P254	--	2500	--	--	N	Y
2T801	C	2665	114	YGCB,RR	--	Y	P236RR	--	2550	--	RR	N	Y
2T780	C	2670	114	HX I,LL	--	Y	PRODUCERS						
2M797	C	--	115	HX I,LL	--	Y	7329Hx	--	--	--	--	--	--
2T828	C	--	115	YGPL,RR	--	Y	7512RR	P250	--	--	RR	N	Y
NC+							6943YGCBRR	P250	2580	--	RR,CB	N	Y
1773RB	--	--	--	--	--	--	7073YGCB	P250	2590	--	CB	N	Y
3801R	--	--	--	--	--	--	7361YGCB	P250	2630	--	CB	N	Y
4947RB	--	--	--	--	--	--	7373YGCBRR	P250	2620	113	RR,CB	N	Y
6122RB	--	--	--	--	--	--	RENZE						
3903R	--	2570	109	RR	N	N	9406YGCB/RR	P250	--	114	CB,RR	N	Y
4574RB	--	2740	112	RR,CB	N	Y	8386YGCB	P250	3	115	CB	N	Y
5433RB	--	2760	114	CB,RR	N	Y	1454YGPL/RR	P250	--	116	CB,RW,RR	N	Y
5555HL	--	2790	114	Hx,LL	N	Y	8454YGCB	P250	4	116	CB	N	Y
NK							2526YGRW/RR	P250	--	117	RW,RR	N	Y
N53-W3	C	--	--	GT	Y	Y	9526YGCB/RR	P250	6	117	CB,RR	N	Y
N68-B8	C	--	--	CB,LL	Y	Y	TAYLOR						
N72-B2	C	--	--	--	Y	Y	830Bt	P250	--	--	CB	Y	Y
N67-D6	C	2630	109	GT,CB	Y	Y	EXPC36113	P250	--	--	--	Y	Y
N65-C5	C	2690	109	CB,LL	Y	Y	904RR/Bt	P250	--	105	RR,CB	Y	Y
N65-M7	C	2690	109	--	Y	Y	955RR/Bt	P250	--	114	RR,CB	Y	Y
N70-C7	C	2670	112	GT,CB	Y	Y	2281Hx	P250	--	115	LL,CB	Y	Y
N76-D3	C	2800	113	CB,LL	Y	Y	990RR/Bt	P250	--	118	RR,CB	Y	Y
N76-M5	C	2835	115	CB,LL	Y	Y	TRIUMPH						
OTTILIE							5433CBRR	P250	2340	106	CB,RR	N	Y
5436YGCB	C	2750	114	CB	N	Y	7861CBRR	P250	--	108	CB,RR	N	Y
5476YGCB	C	2760	114	CB	N	Y	1120CBRR	P250	2480	111	CB,RR	N	Y
PFISTER							1416Bt	P250	2510	113	CB	N	Y
2730RRBt	--	2760	111	CB,RR	N	Y	1536CBRR	P1250	2550	115	CB,RR	N	Y
2688RWBt	--	2770	112	RW,CB	N	Y	1756CBRR	P250	--	116	CB,RR	N	Y
3356T	--	2850	115	RW,CB,RR	N	Y	1866Bt	P250	2610	117	CB	N	Y
PHILLIPS							WILLCROSS						
712YGCB	P	2700	109	CB	Y	Y	3027X1Hx	--	--	--	CB	N	Y
763RRYGCB	P	2780	109	RR,CB	Y	Y	3087X2Hx	--	--	--	CB	N	Y
7B15RRYGCB	P	2800	111	RR,CB	Y	Y	3094RRCB	--	--	--	RR,CB	N	Y
7A29RRYGCB	P	2850	113	RR,CB	Y	Y	3097X1CB	--	--	--	CB	N	Y
PIONEER							3103RRCB	--	--	--	RW,CB	N	Y
35A30	P1250	2470	--	--	N	Y	3107X5RRCB	--	--	--	RR,CB	N	Y
35T06	P1250	2500	--	--	N	Y	3116RRCB	--	--	--	RR,CB	N	Y
34N45	P1250	2600	--	CB,RR	N	Y	3126W	--	--	--	RR	N	Y
34A16	P1250	2650	--	CB	N	Y	3147X1RR	--	--	--	RR	N	Y
34P88	P1250	2650	--	--	N	Y	3157X2	--	--	--	--	N	Y
33B54	P1250	2730	--	CB,RR	N	Y	3194RRCB	--	--	--	RR,CB	N	Y
33D11	P1250	2730	--	--	N	Y	MATURITY CHECK						
33N11	P1250	2730	--	CB	N	Y	SHRT-DKC50-20	--	2528	100	RR,CB	--	Y
33R81	P1250	2780	--	CB,RR	N	Y	MID-NC+4823B	--	2710	112	CB	N	Y
32B29	P1250	2810	--	CB,RR	N	Y	FULL - M798	--	2820	115	--	Y	Y
33K40	P1250	2810	--	CB	N	Y	FULL-R8526YGCB	--	2800	118	CB	N	Y
35P10	P1250	2530	104	CB,RR	N	Y							
35D28	P1250	2580	106	--	N	Y							
31N28	P1250	2910	120	CB	Y	Y							

*SD TRT = Seed treatment (C=Cruiser®, CE=Cruiser® Extreme, P=Poncho®). Numbers indicate rates if available); GDD = growing degree days; DBL = days to black layer; RES = herbicide, disease, and insect resistance traits((Bt, BtCB, CB, YG, YG1, YG+, YGCB), Hx = transgenic corn borer protection; BtRW, RW, YGRW, HxRW = transgenic rootworm protection; CL, I, IT, IMI = imidazolinone resistant/tolerant; LL = Liberty Link; RR = Roundup Ready; TS, T= Triple Stack (RRCBRW)); P= prolific; F= flex ear Values provided by entrants.

For those interested in accessing crop performance testing information electronically, visit our World Wide Web site. All of the information contained in this publication, plus more, is available for viewing or downloading.

The URL is <http://kscroptests.agron.ksu.edu>.

Excerpts from the
University Research Policy Agreement with Cooperating Seed Companies*

Permission is hereby given to Kansas State University to test varieties and/or hybrids designated on the attached entry forms in the manner indicated in the test announcements. I certify that seed submitted for testing is a true sample of the seed being offered for sale.

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*NOTE: Trade names are used to identify products.
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