



2008 Iowa Crop Performance Test—Corn

The *Iowa Crop Performance Test—Corn* is conducted each year to provide information farmers need to select the best hybrids for their production conditions. This is the 89th consecutive year for the test. Yield trial information, testing procedures, and more can be found at www.croptesting.iastate.edu.

This year we evaluated 340 hybrids, under 29 brand names, in 730 district-by-hybrid combinations. Entries were distributed in six districts and two experiments per district. District averages for yield are based on 16 observations per entry from four replications at four locations per district.

Procedures

Seed companies, the Iowa Crop Improvement Association, and Iowa State University are eligible to enter hybrids in the Iowa Crop Performance Test—Corn. All commercial entries had to be available in a quantity of at least ten bushels of seed. There are six testing districts and three testing sites within each district (Figure 1).

Districts also have an east/west overlapping region. This allows us to provide four testing locations per district. Testing sites in the overlap area are shown with two stars in Figure 1. Entries were subdivided into experiments based on relative maturity, providing an early-season and full-season test within each district. Experimental lines are those with an “X” in the hybrid name, and may or may not be offered for sale to farmers in Iowa for planting in 2009.

Each entry was replicated four times in four-row plots at a planting rate of 34,500 kernels per acre at each location. Row spacing was 30 inches, plot length was 20 feet, and planted row length was 17.4 feet. The center two rows of each plot were harvested with a corn combine. No gleanings or dropped ears were included in yield data. A moisture determination was made from each plot and yields were corrected to 15.5 percent moisture for shelled corn. Yield determinations are based on a 20 foot plot, which includes the planted row plus the alley. This is because area in

alleys may contribute to the yield of plants at the ends of planted rows.

How Information Is Presented

The data are presented in several ways. Tables 4-9 contain two-year averages of agronomic information from maximum of four locations each year. For 2007-2008 two-year means, there are only three locations for NW, NE, and CW in 2007. Likewise, there are only three locations for SW and SE in 2008. In these tables, root and stalk lodging are listed separately.

Current year district averages are shown in Tables 10-21, and entries are reported in either the early season or full season hybrid tests within each district. In 2008, there was a range across districts of 48 to 72 hybrids, with an average of 63, in each test. Yield, yield percent of mean, moisture, lodging, and adjusted gross values (AGV) are averages of four locations. Each of these tables also contains the single-location yield for each entry. Lodging in these tables is a combination of root and stalk

lodging. Additional information from the individual locations is available at the Web site mentioned above.

Interpretation of Results

Yield differences due to variation in soil types, soil fertility, moisture availability, insect infestation, and diseases, plus any variation due to planting and harvesting techniques, are identified through statistical analysis. The least significant difference (LSD) values for yield represent, in bushels per acre, the amount of yield variation that could be due to variations in the factors just mentioned. In comparing varieties, yield differences greater than the LSD value can be attributed to differences in the yield potential of these varieties; yield differences less than the LSD value are not statistically different and could have been due to other factors.

Grain moistures are indications of maturity and natural drying rate. Yield comparisons should be made among hybrids of similar maturity. The new test subdivisions were designed to simplify this process.

It is important to select hybrids having stable performance over a range of environmental conditions. High yields for two or more consecutive years indicate stable performance. If two-year means are not available, regional averages consisting of several locations should be used to make selection decisions. Variety performance data from a single location have a very low predictive probability, and should not be relied upon for hybrid selection decisions.

Supplemental yield and agronomic information about specific varieties may be obtained from seed corn dealers, crop consultants, and from neighbors who have grown these varieties.

Use of These Data in Advertisements

Specific advertising statements by an individual company about the performance of its entries must accurately reflect the published data.

Acknowledgements

This report would not be possible without the cooperative efforts of many organizations and people. Thanks to the following for helping make this testing program a success: Chad Arnold, Bill Vinson, and Bill Fjelland, for tireless work and brilliant ideas throughout the year; George Kadmas of Monsanto and Bob Teacham of Syngenta for providing seed for fill plots and border rows; all of our cooperators, for without their help, our lives would be more difficult—they are listed in Table 1; Jode Edwards, for statistical support; a small army of great students for assisting with our seed counting and experiment layouts—their efforts contributed greatly to the success of our mission; and Sarah Teske, who makes it all look good. A special thanks to all of the companies who enter hybrids in our test. They are listed at the end of this report in Table 22. It is their participation and support that continues to make these tests an invaluable resource for growers.

Prepared by J. Rouse, Agriculture and Home Economics Experiment Station and Iowa State University Extension, and the Iowa Crop Improvement Association.

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The presentation of data for the hybrids tested does not imply endorsement by the authors or the agencies sponsoring or conducting the test.

Iowa Crop Improvement Association offers unbiased, third-party information to Iowa growers on the adaptation and performance of hybrids and varieties of alfalfa, barley, corn, oat, soybean, and wheat. The latest results are available at www.croptesting.iastate.edu.

. . . and justice for all

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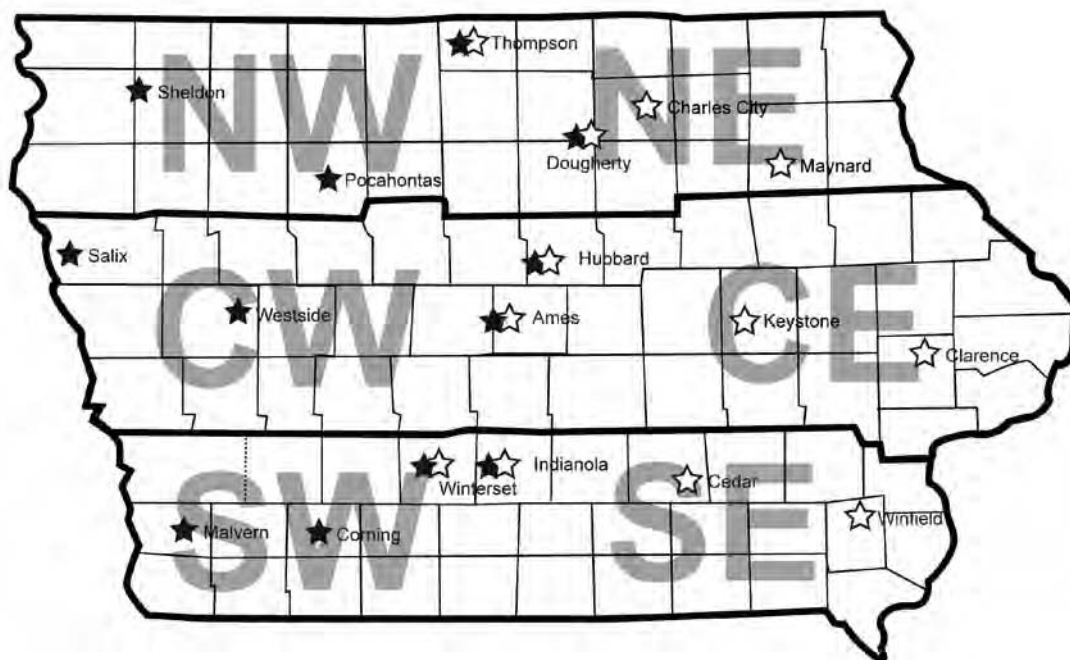
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Figure 1. Test locations for the 2008 Iowa Crop Performance Test – Corn.



All east and west experiments within a tier were grown at locations with two stars.

Table 1. General information for the 2008 corn test.

Location and Cooperator	Soil Type	Planting Date	Harvest Date	Avg Yield Bu/A
Northwest				
Sheldon, Daryl Roos	Primghar silty clay loam	30-Apr	29-Oct	215.9
Pocahontas, John Schott	Clarion Webster loam	30-Apr	30-Oct	196.9
Thompson, Gary Wunder	Webster clay loam	14-May	3-Nov	142.5
Northeast				
Dougherty, Ted Pitzenberger	* Marshall clay loam-Lawler loam	13-May	30-Oct	143.2
Charles City, Louis Peters	Clyde silty clay loam-Oran loam	10-May	28-Oct	193.9
Maynard, Alan Albrecht	Kenyon loam	16-May	17-Nov	190.9
Central-west				
Salix, Maurice Wilt	Salix silty clay loam	19-May	24-Nov	159.6
Westside, Rod Backhaus	Judson-Colo-Nodaway complex	6-May	21-Nov	195.4
Ames, Lynn Henn	Clarion loam	17-May	4-Nov	191.2
Central-east				
Hubbard, Steve Mannerter	Clarion loam	16-May	2-Nov	189.1
Keystone, Dennis Pohlman	Tama silty clay loam	6-May	10-Nov	199.4
Clarence, Dave Elijah	* Tama silty clay loam	8-May	10-Nov	173.9
Southwest				
Malvern, Robert Hays	Kennebec silt loam	5-May	20-Oct	156.4
Corning, Marvin Fuller	Macksburg silty clay loam	5-May	18-Nov	220.6
Winterset, Dwayne Scar	Macksburg silty clay loam	5-May	1-Nov	200.2
Southeast				
Indianola, Craig Hill	* Macksburg silty clay loam	7-May	22-Nov	N/A
Cedar, Larry Linsley	Taintor silty clay loam	9-May	17-Nov	191.0
Winfield, Keith Loyd	Otley silty clay loam	9-May	18-Nov	231.5

* Indicates corn-following-corn field



Table 2. GMO traits, seed treatment, and other data descriptions.

GMO insect traits

CB	Agrisure Corn Borer
CBRW	Agrisure Rootworm
GT3K	Agrisure 3000GT
HX1	Herculex
HXX	Herculex XTRA
YGCB	YieldGard Corn Borer
YGRW	YieldGard Rootworm
YGPL	YGCB + YGRW
YGVt	YieldGard VT RW/RR2
YGVt3	YieldGard VT Triple

GMO weed traits

CL	Clearfield
GT	Agrisure Glyphosate Tolerant
LL	Liberty Link
RR, RR2	Roundup Ready

IST: Insecticidal seed treatment

C250	Cruiser @ 0.250 mg ai / seed
CEP	Cruiser Extreme Pak: C250 + Maxim XL + Apron XL + Dynasty
P250	Poncho @ 0.250 mg ai / seed

Yield: Bushels per acre

Yield % of Mean: Yield expressed as a percentage of the experiment mean

Moist: Harvest moisture, expressed as percent

Lodging: Unless specified, a combination of root and stalk lodging; expressed as a percentage of stand

AGV: Adjusted gross value, based on a price per bushel of \$5.00 and drying costs of 5¢ per point

RM: Relative maturity in days, provided by entrant

Table 3. Test specifications for each district.

Northwest and Northeast Districts

Early season	Relative maturity less than 104 days
Full season	Relative maturity of 104-110 days

Central-west and Central-east Districts

Early season	Relative maturity of 104-110 days
Full season	Relative maturity of 109-114 days

Southwest and Southeast Districts

Early season	Relative maturity of 107-112 days
Full season	Relative maturity greater than 110 days

Table 4. Northwest district two-year means, 2007–2008.

Brand Name	Hybrid	Insecticidal		GMO Traits		RM	Yield (Bu/Acre)	Yield (% of Mean)	Moisture %	Moisture (% of Mean)	Lodging %		AGV \$
		Seed Treatment	Insect	Weed	Root						Stalk		
NW early season hybrids, RM < 104													
Farm Advantage	87A03	CEP	CBRW	LL	103	180.4	107	18.3	107	107	3	1	741
NuTech	3P-302 RR/YGPL	C250	YGPL	RR2	102	177.9	105	18.1	106	106	5	2	733
NuTech	1H-803 HX/LL	C250	HX1	LL	103	176.2	104	17.8	104	104	6	7	727
AgSource	5B-103 GT/CB/LL	P250	CB	GT, LL	103	175.2	104	17.4	102	102	4	1	726
Circle	6400TS	CEP	YGPL	RR2	100	175.2	104	16.5	97	97	6	1	734
NuTech	3A-403 RR	C250	RR2	RR2	103	174.1	103	17.3	101	101	4	1	723
NuTech	5H-201 RR/HX	P250	HX1	LL,RR2	101	174.1	103	22.1	130	130	7	4	682
Kruger	6499VT3	CEP	YGVVT3	RR2	99	173.2	102	15.8	93	93	2	2	730
Trisler	T-2S61PLRR	P250	YGPL	RR2	100	170.8	101	16.3	95	95	4	0	716
Trisler	T-1S61VT3	P250	YGVVT3	RR2	97	169.5	100	15.8	92	92	4	7	715
Circle	8502HX	CEP	HX1	LL	102	162.9	96	17.4	102	102	5	7	676
Rainbow	3035YGCB		YGCB		103	153.5	91	18.9	111	111	2	0	627
Experiment Mean						169.0	17.0						
LSD(0.25)						6.6	0.7						
NW full season hybrids, RM 104-110													
Cornelius	C547RRPL	P250	YGPL	RR2	107	181.9	106	20.9	103	103	0	9	725
Trisler	T-4S61VT3	P250	YGVVT3	RR2	106	179.9	105	20.3	100	100	1	3	722
Circle	6107VT3	CEP	YGVVT3	RR2	107	179.3	105	20.6	101	101	2	4	717
Circle	6006VT3	CEP	YGVVT3	RR2	106	178.2	104	20.4	100	100	2	2	715
AgSource	3T-310A VT3	C250	YGVVT3	RR2	109	178.1	104	22.6	111	111	0	5	696
Circle	6208VT3	CEP	YGVVT3	RR2	108	177.5	104	21.8	107	107	2	3	701
Trisler	T-5N51VT3	P250	YGVVT3	RR2	108	176.0	103	21.6	106	106	4	3	696
NuTech	3T-808 VT3	C250	YGVVT3	RR2	108	175.1	102	21.3	105	105	0	6	696
Farm Advantage	87X04	CEP	HXX	LL	104	174.4	102	21.3	105	105	2	4	692
NuTech	3T-310 VT3	C250	YGVVT3	RR2	109	173.6	101	22.7	112	112	1	3	678
NuTech	3P-808 RR/YGPL	C250	YGPL	RR2	108	173.0	101	21.4	106	106	1	8	687
Fontanelle	6K510	P250	YGPL	RR2	106	170.8	100	19.9	98	98	1	1	691
Experiment Mean						171.4	20.3						
LSD(0.25)						6.1	0.8						

Table 5. Northeast district two-year means, 2007–2008.

Brand Name	Hybrid	Insecticidal		GMO Traits		RM	Yield Bu/Acre	Yield % of Mean	Moisture %	Moisture % of Mean	Lodging %		AGV \$
		Seed Treatment	Weed	Insect	Weed						Root	Stalk	
NE early season hybrids, RM < 104													
Circle	6400TS	CEP	RR2	YGPL	RR2	100	171.7	106	16.3	99	7	1	720
Farm Advantage	87A03	CEP	LL	CBRW	LL	103	171.6	106	17.1	103	2	1	713
AgSource	1X-606 HX7/LL	C250	LL	HXX	LL	103	170.9	106	19.8	120	7	1	690
Trisler	T-2S62VT3	P250	RR2	YGVT3	RR2	100	169.1	105	17.2	104	11	2	702
Trisler	T-2J31VT3	P250	RR2	YGVT3	RR2	99	166.4	103	15.6	94	9	0	703
Kruger	6499VT3	CEP	RR2	YGVT3	RR2	99	165.8	103	15.4	93	4	1	701
Miller	M45-41H	P250	LL	HX1	LL	102	165.1	102	17.1	103	14	2	687
Miller	M50-69BG	CEP	GT	CB	GT	103	164.9	102	17.6	106	9	0	682
Cornelius	C333HXLL	P250	LL	HX1	LL	101	162.0	100	17.1	104	11	4	674
NuTech	3P-302 RR/YGPL	C250	RR2	YGPL	RR2	102	162.0	100	17.4	105	7	3	671
Miller	M43-43HT	P250	LL	HXX	LL	101	159.9	99	17.1	104	10	4	666
DEKALB	DKC46-60 (VT3)	P250	RR2	YGVT3	RR2	96	159.8	99	15.5	93	2	1	676
NuTech	1H-803 HX/LL	C250	LL	HX1	LL	103	159.8	99	16.7	101	14	5	669
Renk	RK618VT3	P250	RR2	YGVT3	RR2	102	155.8	96	16.2	98	5	5	655
Circle	8502HX	CEP	LL	HX1	LL	102	149.3	92	16.5	99	10	5	627
Rainbow	3035YGCB			YGCB		103	148.6	92	18.5	112	6	0	610
Experiment Mean						161.6		16.6					
LSD(0.25)						8.0		0.6					
NE full season hybrids, RM 104-110													
Circle	6208VT3	CEP	RR2	YGVT3	RR2	108	185.1	108	20.9	107	2	1	737
Miller	M52-56G		GT			104	178.8	105	18.5	95	10	1	733
Trisler	T-6A02VT3	P250	RR2	YGVT3	RR2	109	176.9	104	20.7	106	5	1	705
AgSource	3T-310A VT3	C250	RR2	YGVT3	RR2	109	176.6	103	20.9	107	1	3	703
Trisler	T-4S61VT3	P250	RR2	YGVT3	RR2	106	176.2	103	18.1	93	3	4	729
NuTech	3P-808 RR/YGPL	C250	RR2	YGPL	RR2	108	176.2	103	19.8	101	1	3	711
Circle	6107VT3	CEP	RR2	YGVT3	RR2	107	175.7	103	19.3	99	5	2	712
Cornelius	C547RRPL	P250	RR2	YGPL	RR2	107	174.7	102	19.6	100	2	3	706
Miller	M57-65					107	174.5	102	19.5	100	4	1	705
NuTech	3T-310 VT3	C250	RR2	YGVT3	RR2	109	174.4	102	20.9	107	2	3	695
Circle	6006VT3	CEP	RR2	YGVT3	RR2	106	174.2	102	18.6	95	1	3	712
Farm Advantage	87X04	CEP	LL	HXX	LL	104	172.6	101	20.2	103	2	2	693
NuTech	3T-808 VT3	C250	RR2	YGVT3	RR2	108	170.7	100	19.9	102	1	3	688
Miller	M63-62B	P250	LL	CB	LL	109	170.1	100	20.2	103	4	2	683
Rainbow	3105YGCB			YGCB		110	168.7	99	25.0	128	5	2	638
Epley	E2307HXTLL	CEP	LL	HXX	LL	105	167.8	98	20.3	104	7	1	672
Trisler	T-5A01VT3	P250	RR2	YGVT3	RR2	107	166.8	98	19.5	100	10	1	673
Experiment Mean						170.8		19.6					
LSD(0.25)						7.5		0.8					

Table 6. Central-west district two-year means, 2007-2008.

Brand Name	Hybrid	Insecticidal		GMO Traits		Yield Bu/Acre	Yield % of Mean	Moisture %	Moisture % of Mean	Root	Lodging %	Stalk	AGV \$
		Seed Treatment	Weed	Insect	Weed								
CW early season hybrids, RM 104-110													
Kruger	6210TS	CEP	RR2	YGPL	RR2	109	190.6	17.6	104	1	7	787	
Trisler	T-6A02VT3	P250	RR2	YGVV3	RR2	109	187.2	17.0	101	0	10	779	
Circle	6107VT3	CEP	RR2	YGVV3	RR2	107	186.8	16.9	100	0	5	777	
Circle	6208VT3	CEP	RR2	YGVV3	RR2	108	183.1	17.3	102	1	7	757	
DEKALB	RX674VT3	P250	RR2	YGVV3	RR2	109	182.1	17.2	102	0	2	754	
Trisler	T-5N51VT3	P250	RR2	YGVV3	RR2	108	182.1	17.1	102	0	8	755	
Trisler	T-4S61VT3	P250	RR2	YGVV3	RR2	106	181.9	17.0	101	0	3	754	
NuTech	3T-310 VT3	C250	RR2	YGVV3	RR2	109	180.0	17.0	101	0	9	748	
Circle	6006VT3	CEP	RR2	YGVV3	RR2	106	180.0	17.0	101	0	6	748	
Cornelius	C547RRPL	P250	RR2	YGPL	RR2	107	179.9	16.8	99	0	17	750	
Farm Advantage	87X04	CEP	LL	HXX	LL	104	179.5	17.3	103	0	3	743	
Kruger	6011TS	CEP	RR2	YGPL	RR2	109	178.9	17.2	102	0	1	742	
Rainbow	X1116HX		LL	HX1	LL	111	178.6	17.7	105	0	9	735	
NuTech	3T-808 VT3	C250	RR2	YGVV3	RR2	108	178.1	16.9	100	0	16	740	
Farm Advantage	86X06	CEP	LL	HXX	LL	106	166.5	16.4	97	0	9	697	
Experiment Mean						177.1	16.9						
LSD(0.25)						7.0	0.6						
CW full season hybrids, RM 109-114													
Trisler	T-8A02VT3	P250	RR2	YGVV3	RR2	113	183.6	19.5	106	0	5	740	
Trisler	T-7N54VT3	P250	RR2	YGVV3	RR2	112	183.4	19.0	103	0	5	745	
NuTech	0C-413 YGCB	P250	RR2	YGCB	RR2	112	182.3	18.3	99	0	8	744	
Rainbow	3129YGCB			YGCB		113	182.2	17.3	94	1	6	754	
DEKALB	DKC63-42 (VT3)	P250	RR2	YGVV3	RR2	113	180.9	18.1	98	0	7	742	
Rainbow	3105YGCB			YGCB		110	180.2	19.3	104	0	6	727	
Trisler	T-7N51VT3	P250	RR2	YGVV3	RR2	112	178.1	16.8	91	0	11	742	
Kruger	6412VT3	CEP	RR2	YGVV3	RR2	112	177.5	18.9	103	0	10	720	
Kruger	6212TS	CEP	RR2	YGPL	RR2	112	176.1	18.9	102	0	5	716	
Rainbow	3142YGCB			YGCB		114	174.4	17.9	97	0	2	718	
Farm Advantage	86X13	CEP	LL	HXX	LL	113	173.8	18.5	100	0	7	712	
Experiment Mean						178.8	18.5						
LSD(0.25)						6.8	0.8						

Table 7. Central-east district two-year means, 2007–2008.

Brand Name	Hybrid	Insecticidal		GMO Traits		RM	Yield Bu/Acre	Yield % of Mean	Moisture %	Moisture % of Mean	Root	Lodging % Stalk	AGV \$
		Seed Treatment	Weed	Insect	Weed								
CE early season hybrids, RM 104-110													
AgSource	3T-310A VT3	C250		YGVVT3	RR2	109	198.8	108	17.4	101	0	2	824
Kruger	6210TS	CEP		YGPL	RR2	109	197.8	108	18.1	106	0	2	813
Circle	6107VT3	CEP		YGVVT3	RR2	107	194.6	106	17.2	100	2	4	807
NuTech	3T-808 VT3	C250		YGVVT3	RR2	108	193.2	105	17.1	100	0	6	804
NuTech	3T-310 VT3	C250		YGVVT3	RR2	109	192.1	104	17.3	101	0	3	796
Cornelius	C547RRPL	P250		YGPL	RR2	107	191.8	104	16.9	99	0	8	799
Circle	6208VT3	CEP		YGVVT3	RR2	108	190.3	103	17.6	102	0	3	787
Circle	6006VT3	CEP		YGVVT3	RR2	106	190.0	103	16.9	98	1	3	792
Miller	M63-59					109	189.2	103	18.2	106	0	3	776
Trisler	T-5A01VT3	P250		YGVVT3	RR2	107	187.7	102	17.0	99	1	4	780
Trisler	T-5N52VT3	P250		YGVVT3	RR2	108	187.3	102	16.1	94	0	3	787
Rainbow	3105YGCB			YGCB		110	185.6	101	19.5	114	1	3	746
Kruger	6011TS	CEP		YGPL	RR2	109	185.0	101	17.5	102	0	0	766
Epley	E2307HXTLL	CEP		HXX	LL	105	183.4	100	17.4	102	1	3	759
Miller	M63-62BR	CEP		CBRW	LL	109	183.4	100	17.6	103	1	1	757
Merschman	M-806B-10	P250		YGVVT	RR2	106	177.1	96	16.6	97	1	1	740
Experiment Mean						184.0		17.1					
LSD(0.25)						7.7		0.5					
CE full season hybrids, RM 109-114													
Renk	RK829VT3	P250		YGVVT3	RR2	112	196.1	106	17.6	93	0	2	810
DEKALB	DKC63-42 (VT3)	P250		YGVVT3	RR2	113	193.3	104	19.0	100	0	3	786
NuTech	0A-716	P250				114	189.3	102	22.7	119	1	4	734
Trisler	T-7N53VT3	P250		YGVVT3	RR2	112	186.1	101	18.8	99	3	2	758
Miller	M69-71BR	CEP		CBRW	LL	111	185.9	100	20.1	106	1	2	744
Trisler	T-6N52PL	P250		YGPL		110	185.6	100	17.2	90	1	3	769
Rainbow	3129YGCB			YGCB		113	184.7	100	18.2	96	2	3	758
Rainbow	X1116HX			HX1	LL	111	183.9	99	18.3	96	5	2	752
Kruger	6412VT3	CEP		YGVVT3	RR2	112	182.7	99	19.4	102	0	5	740
Kruger	6212TS	CEP		YGPL	RR2	112	179.0	97	19.7	104	0	1	722
Rainbow	3142YGCB			YGCB		114	176.1	95	18.6	98	2	1	718
Experiment Mean						185.2		19.0					
LSD(0.25)						8.3		0.6					

Table 8. Southwest district two-year means, 2007–2008.

Brand Name	Hybrid	Insecticidal		GMO Traits		RM	Yield Bu/Acre	Yield % of Mean	Moisture %	Moisture % of Mean	Lodging %		AGV \$
		Seed Treatment	Insect	Weed	Root						Stalk		
SW early season hybrids, RM 107-112													
Trisler	T-6N52PL	P250	YGPL		YGPL	110	196.5	104	16.3	93	6	1	821
DEKALB	RX674VT3	P250	YGV73	RR2	YGV73	109	193.3	102	16.5	94	6	1	809
Kruger	6412VT3	CEP	YGV73	RR2	YGV73	112	192.7	102	17.9	102	1	1	795
Trisler	T-7N51VT3	P250	YGV73	RR2	YGV73	112	190.3	101	17.2	99	6	1	790
Kruger	6212TS	CEP	YGPL	RR2	YGPL	112	189.9	101	18.0	103	3	0	783
Kruger	6210TS	CEP	YGPL	RR2	YGPL	109	188.1	100	17.0	98	19	2	782
Kruger	6011TS	CEP	YGPL	RR2	YGPL	109	184.7	98	17.0	97	3	0	769
Experiment Mean						188.7		17.5					
LSD(0.25)						8.1		0.5					
SW full season hybrids, RM >= 110													
DEKALB	DKC63-42 (VT3)	P250	YGV73	RR2	YGV73	113	199.0	106	17.8	97	2	0	820
Circle	6517TS	CEP	YGPL	RR2	YGPL	117	197.2	105	19.9	108	20	0	794
Farm Advantage	86X13	CEP	HXX	LL	HXX	113	195.1	104	17.8	97	6	5	809
Kruger	5116YGCB	CEP	YGCB	RR2	YGCB	116	194.7	103	18.0	98	5	2	802
Fontanelle	8B467	P250	YGCB		YGCB	113	190.6	101	18.2	98	3	0	785
Trisler	T-8A02VT3	P250	YGV73	RR2	YGV73	113	190.6	101	18.3	99	5	1	781
Rainbow	3142YGCB		YGCB		YGCB	114	188.0	100	16.8	91	7	0	789
Rainbow	3158YGCB		YGCB		YGCB	115	186.1	99	19.8	107	13	1	749
Kruger	8616HX	CEP	HX1	LL	HX1	116	185.8	99	18.8	102	2	1	758
Experiment Mean						188.3		18.4					
LSD(0.25)						8.4		0.6					

Table 9. Southeast district two-year means, 2007–2008.

Brand Name	Hybrid	Insecticidal		GMO Traits		RM	Yield Bu/Acre	Yield % of Mean	Moisture %	Moisture % of Mean	Root	Lodging % Stalk	AGV \$
		Seed Treatment	Weed	Insect	Weed								
SE early season hybrids, RM 107-112													
Cornelius	C547RRPL	P250	RR2	YGPL	RR2	107	208.4	105	16.0	93	2	7	876
AgSource	3T-310A VT3	C250	RR2	YGVVT3	RR2	109	206.7	104	16.2	94	2	3	867
Kruger	6412VT3	CEP	RR2	YGVVT3	RR2	112	206.3	104	17.6	103	0	4	853
Miller	M69-71BR	CEP	LL	CBRW	LL	111	204.0	103	17.5	106	1	1	838
NuTech	0C-413 YGCB	P250		YGCB		112	203.4	103	18.2	102	2	5	842
DEKALB	RX674VT3	P250	RR2	YGVVT3	RR2	109	202.3	102	16.3	95	1	3	849
Kruger	6210TS	CEP	RR2	YGPL	RR2	109	201.5	102	17.1	100	9	7	839
Trisler	T-7N51VT3	P250	RR2	YGVVT3	RR2	112	201.5	102	16.5	96	2	2	843
Trisler	T-7N53VT3	P250	RR2	YGVVT3	RR2	112	198.9	101	17.0	99	1	2	828
Kruger	6212TS	CEP	RR2	YGPL	RR2	112	196.4	99	17.7	103	1	1	811
Kruger	6011TS	CEP	RR2	YGPL	RR2	109	195.3	99	17.2	100	1	2	811
NuTech	3T-310 VT3	C250	RR2	YGVVT3	RR2	109	192.8	97	16.1	94	2	2	810
Rainbow	X1116HX		LL	HX1	LL	111	192.6	97	16.7	97	7	4	804
LG Seeds	LG2605VT3	P250	RR2	YGVVT3	RR2	112	188.1	95	17.4	101	5	2	780
Merschman	M-806B-10	P250	RR2	YGVVT3	RR2	106	187.6	95	16.1	94	0	3	788
Experiment Mean						197.8		17.1					
LSD(0.25)						8.8		0.4					
SE full season hybrids, RM >= 110													
Trisler	T-8A02VT3	P250	RR2	YGVVT3	RR2	113	205.1	104	18.3	99	1	1	840
DEKALB	DKC63-42 (VT3)	P250	RR2	YGVVT3	RR2	113	202.4	103	18.1	98	1	2	831
Miller	M79-72B	P250	LL	CB	LL	114	202.0	103	19.4	104	2	4	819
Fontanelle	8B467	P250	YGCB	YGCB	YGCB	113	201.8	102	18.2	98	1	2	830
Circle	6517TS	CEP	RR2	YGPL	RR2	117	201.4	102	19.7	106	9	2	813
Miller	M77-80HT	P250	LL	HXX	LL	114	199.9	102	20.1	108	4	1	803
Rainbow	3129YGCB	CEP	RR2	YGCB	RR2	113	199.6	101	16.9	91	3	1	833
Kruger	5116YGCB	CEP	RR2	YGCB	RR2	116	198.8	101	18.2	98	2	2	817
Kruger	8616HX	CEP	LL	HX1	LL	116	196.4	100	18.8	101	0	1	801
Rainbow	3142YGCB	CEP	YGCB	YGCB	YGCB	114	194.0	99	17.0	92	2	1	808
Rainbow	3158YGCB	CEP	YGCB	YGCB	YGCB	115	193.3	98	20.0	108	6	1	778
Farm Advantage	86X13	CEP	LL	HXX	LL	113	185.4	94	18.0	97	3	4	765
Experiment Mean						196.9		18.6					
LSD(0.25)						8.9		0.5					

Table 10. Northwest district, 2008 district and single-location means. Early-season test, <104 day RM.

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Sheldon	Pocahontas	Thompson	Dougherty							
Jung	7475VT3	YGVt3	RR2	P250	186.2	106	18.6	3	896	208.6	201.5	161.7	172.9							
Kruger	6401VT3	YGVt3	RR2	CEP	185.3	106	18.7	3	891	216.2	211.2	155.9	159.4							
Crow's	2155VT3	YGVt3	RR2	CEP	185.3	106	18.4	7	895	225.0	214.0	151.8	148.8							
Jung	7514VT3	YGVt3	RR2	P250	184.5	105	18.7	5	885	219.8	200.0	149.2	168.8							
AgSource	5B-103 GT/CB/LL	CB	GT, LL	P250	184.3	105	18.0	1	891	228.9	213.6	155.9	138.6							
Crow's	2123VT3	YGVt3	RR2	CEP	184.0	105	18.9	5	884	224.7	200.8	150.3	159.1							
Farm Advantage	87A03	CBRW	LL	CEP	183.7	105	18.8	2	880	230.5	203.7	150.0	150.2							
Viking	X52-04RL	CB	GT, LL	CEP	183.6	105	19.4	3	877	231.0	202.3	153.3	148.4							
NuTech	0C-404 YGCB	YGCB		P250	182.9	104	19.9	7	865	252.4	208.6	137.0	130.6							
Renze	5X146HXT/LL	HXX	LL	P250	182.8	104	18.5	7	881	233.5	214.3	139.1	143.8							
Jung	7454VT3	YGVt3	RR2	P250	182.7	104	16.4	2	898	227.5	196.9	167.0	142.0							
Mycogen	2M495	YGVt3	RR2	CEP	182.6	104	16.5	4	898	232.7	197.8	150.5	156.0							
Trisler	T-1J31VT3	YGVt3	RR2	P250	182.0	104	16.2	4	898	224.3	199.4	146.1	158.3							
Fontanelle	5T128	YGVt3	RR2	P250	181.4	103	17.3	2	885	214.8	204.6	153.9	150.5							
AgSource	3T-303 VT3	YGVt3	RR2	C250	181.0	103	19.0	9	867	220.8	203.2	153.1	148.5							
Cornelius	C333XTLL	HXX	LL	CEP	180.9	103	18.9	10	865	234.1	202.4	144.2	143.3							
Four Star	8825VT3	YGVt3	RR2	C250	180.8	103	17.8	2	877	220.3	198.3	144.9	158.4							
AgSource	3T-098B VT3	YGVt3	RR2	C250	180.5	103	16.4	4	889	227.5	197.9	150.7	145.7							
Mycogen	2P535	HXX	LL,RR2	CEP	180.2	103	18.3	7	869	234.2	214.3	133.7	139.9							
Trisler	T-1S61VT3	YGVt3	RR2	P250	180.1	103	16.0	13	890	218.3	192.5	154.0	156.6							
Kruger	6499VT3	YGVt3	RR2	CEP	179.5	102	16.4	3	884	220.8	193.3	153.6	151.2							
DEKALB	DKC50-44 (VT3)	YGVt3	RR2	P250	178.5	102	17.9	7	867	215.2	194.5	146.0	154.0							
Midwest Seed Genetics	72116VT3	YGVt3	RR2	CEP	178.4	102	18.4	6	859	230.0	197.6	145.3	141.7							
Epley	E1474 VT3	YGVt3	RR2	CEP	178.3	102	17.2	3	872	214.6	197.4	144.2	154.3							
Circle	3300RR/HX	HX1	LL,RR2	CEP	177.7	101	18.9	7	854	226.1	195.5	138.1	153.0							
Midwest Seed Genetics	70006R	HX1	RR2	CEP	176.9	101	17.2	3	865	213.1	200.6	144.1	146.1							
NuTech	5H-201 RR/HX	HX1	LL,RR2	P250	176.7	101	26.5	9	769	219.0	210.8	137.5	137.4							
Four Star	8824HXT/RRLL	HXX	LL,RR2	C250	176.7	101	18.7	9	850	214.2	201.5	150.1	143.1							
DEKALB	DKC52-59 (VT3)	YGVt3	RR2	P250	176.6	101	16.8	5	868	208.1	204.6	134.8	159.5							
Cornelius	C339RWRR	YGRW	RR2	P250	176.6	101	17.1	2	863	208.9	205.4	151.7	144.2							
AgSource	3T-500A VT3	YGVt3	RR2	P250	176.4	101	18.2	2	852	215.7	187.9	146.1	155.4							
Epley	E1412 VT3	YGVt3	RR2	CEP	176.2	100	17.7	3	856	210.5	202.3	145.8	146.5							
Kruger	6097VT3	YGVt3	RR2	CEP	176.0	100	16.0	7	870	220.0	195.0	142.5	146.7							
NuTech	3P-302 RR/YGPL	YGPL	RR2	C250	175.6	100	18.4	6	847	215.5	198.4	138.2	148.0							
Circle	6400TS	YGPL	RR2	CEP	175.6	100	17.1	3	861	208.7	192.8	145.8	150.7							
AgSource	5N-898 GT/CB/LL/RW	CBRW	GT, LL	P250	175.1	100	16.8	3	860	228.6	187.0	156.5	131.9							
Kruger	6102VT3	YGVt3	RR2	CEP	175.0	100	17.0	3	857	214.1	186.6	148.3	152.4							
NuTech	3A-403 RR	RR2	RR2	C250	174.4	99	17.2	2	852	223.9	197.5	135.2	146.0							
Viking	6919VT3	YGVt3	RR2	CEP	173.7	99	18.3	3	840	206.2	194.7	143.4	145.7							
NuTech	1H-803 HX/LL	HX1	LL	C250	173.4	99	17.1	13	847	223.3	203.9	131.7	132.3							
Trisler	T-2S61PLRR	YGPL	RR2	P250	172.8	99	16.8	2	849	215.9	177.5	145.1	151.0							
Jung	7482VT3	YGVt3	RR2	P250	172.0	98	16.6	1	848	211.7	182.8	134.9	159.0							
Viking	LB6938	CB	LL	CEP	171.3	98	18.3	3	826	211.2	193.2	140.6	133.2							
Farm Advantage	87A99GL	GT3K	GT, LL	CEP	170.8	97	17.0	3	839	217.8	192.5	136.5	137.5							
Kruger	6298VT3	YGVt3	RR2	CEP	170.7	97	16.6	1	840	197.9	186.6	141.3	152.0							

continued—

Table 10. Northwest district, 2008 district and single-location means. Early-season test, <104 day RM (continued).

Brand	GM0 Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Sheldon	Pocahontas	Thompson	Dougherty							
DEKALB	DKC53-17 (VT3)	YGVVT3	RR2	P250	169.5	97	17.1	4	830	201.7	189.8	143.4	145.0							
DEKALB	DKC49-32 (VT3)	YGVVT3	RR2	P250	169.3	97	16.1	2	837	206.2	182.1	147.8	142.2							
NuTech	3C-300 RR/YGCB	YGCB	RR2	P250	169.2	97	17.6	3	824	208.8	187.4	140.1	145.3							
Pioneer	36Y86	HXX	LLRR2		167.6	96	19.4	2	801	208.3	187.5	124.8	149.6							
Kruger	669VT3	YGVVT3	RR2	CEP	167.5	96	16.1	1	828	203.1	184.2	137.7	142.6							
Circle	8502HX	HX1	LL	CEP	167.5	96	17.8	13	814	199.2	190.4	146.8	129.3							
AgSource	3T-302 VT3	YGVVT3	RR2	C250	167.4	95	18.4	6	806	198.1	184.4	151.4	134.9							
Farm Advantage	1018			CEP	166.8	95	18.2	1	808	211.5	191.6	133.7	127.3							
DEKALB	DKC46-60 (VT3)	YGVVT3	RR2	P250	165.6	94	16.5	2	816	199.9	179.9	136.9	145.1							
Four Star	6820VT3	YGVVT3	RR2	C250	165.3	94	16.8	4	812	195.6	186.6	135.3	142.9							
Epley	E1254 VT3	YGVVT3	RR2	CEP	164.1	94	17.3	5	803	185.6	187.9	137.9	145.8							
Mycogen	2D519	YGVVT3	RR2	CEP	162.0	92	16.8	6	795	185.8	178.6	138.0	145.1							
Epley	E1244 VT3	YGVVT3	RR2	CEP	159.9	91	15.3	5	796	192.4	170.0	137.2	142.1							
Rainbow	3035YGCB	YGCB			143.6	82	20.7	1	670		154.6	118.2	119.6							
Experiment Mean					175.4		17.8	4	851	215.8	195.2	144.1	146.6							
Minimum Mean					143.6		15.3	1	670	185.6	154.6	118.2	119.6							
Maximum Mean					186.2		26.5	13	898	252.4	214.3	167.0	172.9							
LSD(0.25)					7.3		0.6			11.0	9.5	10.7	8.4							
Coefficient of Variability					6.2					6.2	6.0	9.1	7.0							

Table 11. Northwest district, 2008 district and single-location means. Full-season test, 104–110 day RM.

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$		Sheldon	Pocahontas	Thompson	Dougherty						
DEKALB	DKC61-69 (VT3)	YGVT3	RR2	P250	195.0	111	22.3	7	899	237.3	223.6	163.7	151.3							
Crow's	4799VT3	YGVT3	RR2	CEP	190.9	108	22.5	4	873	241.8	207.5	160.3	153.8							
NuTech	3T-110 VT3	YGVT3	RR2	P250	189.5	108	25.2	7	838	242.0	206.6	154.2	153.2							
Midwest Seed Genetics	76996VT3	YGVT3	RR2	CEP	188.6	107	22.1	4	867	237.0	210.6	147.6	154.8							
Circle	6107VT3	YGVT3	RR2	CEP	185.6	105	21.5	9	861	230.9	196.2	156.5	158.2							
DEKALB	DKC61-19 (VT3)	YGVT3	RR2	P250	185.0	105	23.0	6	845	234.3	207.9	146.9	150.3							
AgSource	3C-408 RR/YGCB	YGCB	RR2	P250	184.2	105	22.7	5	844	225.6	203.9	154.4	151.2							
AgSource	3T-809 VT3	YGVT3	RR2	P250	182.4	103	23.1	10	830	217.5	208.0	155.9	148.6							
Farm Advantage	1098	YGVT3	RR2	CEP	182.2	103	21.2	6	851	225.1	204.6	157.0	141.7							
Midwest Seed Genetics	76485VT3	YGVT3	RR2	CEP	181.8	103	23.8	6	822	224.1	209.7	146.8	146.9							
AgSource	3T-409 VT3	YGVT3	RR2	P250	181.3	103	21.9	4	838	235.1	211.1	138.1	142.9							
Trisler	T-4S61VT3	YGVT3	RR2	P250	181.2	103	20.9	6	847	217.3	205.8	153.5	147.3							
Four Star	6863VT3	YGVT3	RR2	C250	181.1	103	23.2	9	825	225.8	206.9	147.2	142.8							
G2 Genetics (NuTech)	1H-005 HX/LL	HX1	LL	P250	181.1	103	20.8	3	846	232.7	203.7	142.8	146.5							
Kruger	6007TS	YGPL	RR2	CEP	180.8	103	20.0	2	857	217.0	195.1	153.8	158.2							
DEKALB	DKC57-43 (VTRR2)	YGVT3	RR2	P250	180.7	103	19.9	10	855	220.6	206.7	144.2	149.0							
Four Star	8843HXTRRL	HXX	LL,RR2	C250	180.0	102	22.1	6	829	217.4	199.6	145.4	156.8							
NuTech	3T-109 VT3	YGVT3	RR2	P250	180.0	102	24.2	14	811	211.7	213.9	147.3	148.7							
Trisler	T-5N51VT3	YGVT3	RR2	P250	179.8	102	23.2	5	820	219.6	204.9	145.5	151.5							
Cornelius	C547RRPL	YGPL	RR2	P250	179.7	102	21.7	17	834	219.2	202.0	150.7	146.3							
Circle	6208VT3	YGVT3	RR2	CEP	179.1	102	23.3	6	815	219.7	209.9	144.5	137.2							
Four Star	9956VT3	YGVT3	RR2	P250	179.1	102	22.1	4	825	224.2	196.3	155.9	139.6							
G2 Genetics (NuTech)	5H-508 RR/HX	HX1	LL,RR2	P250	178.8	101	22.8	3	819	218.1	211.9	136.9	147.5							
AgSource	3P-708A RR/YGPL	YGPL	RR2	P250	178.3	101	24.3	10	801	229.1	209.6	145.0	132.7							
Renze	8199YGCB	YGCB	RR2	P250	178.2	101	20.3	7	840	226.6	212.8	139.7	133.2							
Crow's	4305VT3	YGVT3	RR2	CEP	178.0	101	22.4	4	817	226.5	196.1	141.5	151.0							
Renk	RK822VT3	YGVT3	RR2	P250	177.9	101	22.0	2	825	219.4	193.6	149.0	149.7							
Circle	6008VT3	YGVT3	RR2	CEP	177.9	101	22.3	6	820	228.2	185.6	140.6	157.3							
Renze	5X268HX7/LL	HXX	LL	P250	177.6	101	23.5	8	805	224.2	198.6	151.1	137.3							
Renk	RK692CBLRW	CBRW	LL	P250	177.6	101	20.2	1	837	217.7	187.9	157.8	145.6							
G2 Genetics (NuTech)	5H-506 RR/HX	HX1	LL,RR2	P250	177.4	101	22.3	0	818	212.7	202.2	147.4	145.8							
Cornelius	C466XTLL	HXX	LL	P250	177.2	101	20.5	4	831	217.3	198.1	149.3	140.1							
Farm Advantage	87X04	HXX	LL	CEP	177.2	101	23.1	8	807	220.0	212.5	140.8	140.5							
Epley	E1654 VT3	YGVT3	RR2	CEP	176.7	100	25.1	3	784	221.3	190.5	142.3	150.5							
NuTech	3P-708 RR/YGPL	YGPL	RR2	P250	176.4	100	24.5	9	787	228.5	198.2	142.6	137.0							
Circle	6006VT3	YGVT3	RR2	CEP	176.2	100	20.9	4	825	222.7	195.9	148.2	138.9							
Farm Advantage	86X06	HXX	LL	CEP	176.2	100	21.1	6	826	218.3	206.5	137.0	141.8							
Epley	E1814 VT3	YGVT3	RR2	CEP	176.0	100	22.8	15	804	220.7	196.8	142.6	143.0							
Kruger	6606VT3	YGVT3	RR2	CEP	175.8	100	19.6	5	835	223.0	183.7	147.6	146.7							
Cornelius	C447VT3	YGVT3	RR2	P250	175.6	100	19.9	5	832	220.7	188.4	140.5	151.2							
G2 Genetics (NuTech)	1X-911 HXT/LL	HXX	LL	P250	175.5	100	23.7	4	795	220.9	210.8	129.9	143.3							
Mycogen	2G611	YGVT3	RR2	CEP	175.1	99	19.8	10	831	218.5	198.6	145.8	140.3							
AgSource	0C-404B YGCB	YGCB	RR2	P250	174.7	99	20.6	9	822	224.5	200.7	139.9	134.5							
AgSource	3T-310A VT3	YGVT3	RR2	C250	174.6	99	24.0	10	787	222.9	206.9	144.4	121.7							
Four Star	6844VT3	YGVT3	RR2	C250	174.6	99	22.6	14	802	205.7	202.4	147.7	140.5							

Table 11. Northwest district, 2008 district and single-location means. Full-season test, 104–110 day RM (continued).

Brand	Entry	GMO Traits				District Means				Single-Location Yield			
		Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Sheldon	Pocahontas	Thompson	Dougherty
Viking	HXT5878	HXX	LL	P250	174.2	99	20.6	8	818	210.7	200.6	149.5	140.7
NuTech	3T-808 VT3	YGVVT3	RR2	C250	173.8	99	22.2	11	801	230.1	191.9	139.4	131.8
Mycogen	2W586	HXX	LL	CEP	173.7	99	20.5	5	818	212.7	195.6	130.3	155.8
Epley	E1584 VT3	YGVVT3	RR2	CEP	173.5	98	23.4	6	789	202.4	197.5	145.8	148.0
Fontanelle	6R884	RR2	RR2	P250	173.4	98	19.2	12	828	228.8	195.8	133.0	133.7
DEKALB	DKC55-24 (VT3)	YGVVT3	RR2	P250	173.3	98	18.2	2	836	214.2	177.8	149.9	155.1
Epley	E2307HXTLL	HXX	LL	CEP	173.3	98	23.2	6	789	207.0	201.9	141.4	144.6
Four Star	6862VT3	YGVVT3	RR2	C250	172.9	98	22.4	10	796	219.7	198.7	137.0	132.3
Mycogen	x28632	HXX	LL	CEP	172.9	98	22.9	7	790	216.6	194.5	137.0	144.7
Fontanelle	6K510	YGPL	RR2	P250	172.3	98	20.6	3	812	210.1	191.4	142.6	145.4
Renze	5X239HXT/LL	HXX	LL	P250	172.1	98	20.3	9	813	208.2	199.6	131.7	144.3
Rainbow	X1078				171.3	97	21.9	15	792	220.3	189.4	137.2	137.9
Renk	RK698RRYGRW	YGRW	RR2	P250	171.1	97	17.9	4	829	213.5	183.7	142.3	143.8
NuTech	3T-310 VT3	YGVVT3	RR2	C250	170.7	97	24.1	7	768	213.1	212.4	133.8	124.3
Epley	E1454 VT3	YGVVT3	RR2	CEP	170.3	97	17.6	3	828	214.9	178.0	137.0	154.2
NuTech	3P-808 RR/YGPL	YGPL	RR2	C250	169.7	96	22.4	15	781	213.3	204.9	131.0	132.1
Renk	RK760RRYGCB	YGCB	RR2	P250	169.2	96	20.6	4	796	203.7	189.0	137.5	149.3
Renk	RK770VT3	YGVVT3	RR2	P250	167.8	95	22.8	6	769	190.8	188.4	140.1	149.9
Viking	BR5806	YGCB	RR2	CEP	167.7	95	20.5	5	788	211.7	190.6	119.7	147.9
Kruger	8106HX	HX1	LL	CEP	166.5	94	21.7	11	773	213.5	190.8	135.2	130.4
DEKALB	DKC54-49 (VT3)	YGVVT3	RR2	P250	164.6	93	18.2	9	796	205.8	176.1	129.4	145.9
Epley	E1644 VT3	YGVVT3	RR2	CEP	163.5	93	20.7	20	768	178.0	186.0	146.2	143.3
Kruger	6503TS	YGPL	RR2	CEP	162.8	92	17.4	7	794	204.5	172.9	136.8	139.0
Experiment Mean					176.3		21.6	7	817	219.0	198.2	143.3	144.5
Minimum Mean					162.8		17.4	0	768	178.0	172.9	119.7	121.7
Maximum Mean					195.0		25.2	20	899	242.0	223.6	163.7	158.2
LSD(0.25)					6.7		0.7			9.9	9.3	11.8	10.0
Coefficient of Variability					6.4					5.5	5.7	10.0	8.5

Table 12. Northeast district, 2008 district and single-location means. Early-season test, <104 day RM.

Brand	Entry	GMO Traits					District Means					Single-Location Yield				
		Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Thompson	Dougherty	Charles City	Maynard		
Kruger	6401VT3	YGVT3	RR2	CEP	183.0	110	19.2	4	873	160.1	159.2	204.2	208.6			
Midwest Seed Genetics	70505VT3	YGVT3	RR2	CEP	181.0	109	19.3	4	863	168.6	163.4	197.8	195.2			
Jung	7475VT3	YGVT3	RR2	P250	180.5	109	19.4	4	860	162.4	155.9	203.2	200.6			
Jung	7514VT3	YGVT3	RR2	P250	179.7	108	19.6	4	857	159.8	150.7	195.5	211.1			
Fontanelle	5T429	YGVT3	RR2	P250	178.7	108	19.8	5	850	152.5	156.7	198.8	205.4			
Trisler	T-2S62VT3	YGVT3	RR2	P250	178.6	108	19.4	5	851	153.2	157.1	199.3	201.0			
Circle	6400TS	YGPL	RR2	CEP	175.5	106	17.9	2	850	143.7	157.7	200.0	200.4			
Farm Advantage	87A03	CBRW	LL	CEP	175.1	106	18.9	2	838	169.3	131.8	203.1	195.5			
Jung	7454VT3	YGVT3	RR2	P250	173.6	105	17.2	0	848	152.6	150.8	192.9	197.0			
DEKALB	DKC52-59 (VT3)	YGVT3	RR2	P250	173.4	105	17.3	3	848	151.5	149.6	198.7	193.0			
NuTech	3T-500 VT3	YGVT3	RR2	P250	172.9	104	18.5	4	832	155.0	155.8	195.6	186.2			
AgSource	1X-606 HXT/LL	HXX	LL	C250	172.6	104	23.5	1	822	141.0	154.1	198.9	194.8			
Cornelius	C339RWRR	YGRW	RR2	P250	172.4	104	17.5	3	840	155.3	138.5	193.4	204.4			
NuTech	3W-403 RR/YGRW	YGRW	RR2	P250	172.1	104	17.8	5	835	149.2	144.9	193.4	198.6			
NuTech	0C-404 YGCB	YGCB	RR2	P250	171.8	104	20.3	3	810	131.5	152.2	207.3	198.6			
Kruger	6499VT3	YGVT3	RR2	CEP	171.6	103	17.1	2	838	137.8	156.9	189.6	197.3			
NuTech	3T-098 VT3	YGVT3	RR2	C250	170.9	103	17.1	1	835	161.8	150.0	184.3	184.8			
Midwest Seed Genetics	72116VT3	YGVT3	RR2	CEP	170.9	103	18.4	9	824	155.2	152.2	185.7	191.6			
G2 Genetics (NuTech)	5H-501 RR/HX	HX1	LL,RR2	P250	170.9	103	18.9	5	819	154.0	144.0	196.4	187.1			
Crow's	2155VT3	YGVT3	RR2	CEP	170.7	103	18.5	10	822	148.9	149.2	197.5	188.4			
Jung	7482VT3	YGVT3	RR2	P250	170.1	103	17.1	1	832	149.0	158.6	183.9	189.8			
Trisler	T-2J31VT3	YGVT3	RR2	P250	169.4	102	17.0	0	829	153.3	146.3	189.0	189.7			
Epley	E1474 VT3	YGVT3	RR2	CEP	169.3	102	17.4	2	824	144.6	146.7	186.1	203.0			
Mycogen	2M495	YGVT3	RR2	CEP	169.2	102	17.0	1	828	143.3	145.1	185.0	202.2			
Kruger	6097VT3	YGVT3	RR2	CEP	169.0	102	17.0	3	827	137.1	147.7	200.9	189.1			
Kaltenberg	K5163VT3	YGVT3	RR2	P250	168.3	101	18.1	2	814	138.9	148.5	190.8	195.7			
Epley	E1412 VT3	YGVT3	RR2	CEP	168.2	101	18.4	1	811	142.8	149.0	188.4	195.9			
Miller	M45-41H	HX1	LL	P250	167.8	101	19.0	13	803	134.8	148.7	189.3	200.3			
AgSource	3T-303 VT3	YGVT3	RR2	C250	166.8	101	20.0	2	788	140.1	146.8	191.2	186.9			
Trisler	T-2J32VT3	YGVT3	RR2	P250	166.7	101	18.6	0	801	142.1	147.1	190.5	188.0			
AgSource	5N-898 GT/CB/LL/RW	CBRW	GT,LL	P250	166.1	100	17.3	2	810	146.4	138.4	183.7	193.6			
Kruger	6298VT3	YGVT3	RR2	CEP	165.9	100	17.3	1	811	148.8	145.5	190.7	182.0			
Miller	M50-69BG	CB	GT	CEP	165.6	100	19.5	3	788	155.8	135.3	171.3	200.1			
Renk	RK686VT3	YGVT3	RR2	P250	165.3	100	19.8	5	784	142.8	143.2	189.9	183.9			
AgSource	3C-300A RR/YGCB	YGCB	RR2	P250	164.9	99	18.2	4	796	144.0	135.7	183.6	196.1			
DEKALB	DKC49-32 (VT3)	YGVT3	RR2	P250	164.9	99	16.5	3	811	137.2	144.8	190.7	186.3			
G2 Genetics (NuTech)	5H-702 RR/HX	HX1	LL,RR2	P250	164.7	99	18.9	5	790	135.0	148.4	186.6	194.2			
AgSource	3T-101+ VT3	YGVT3	RR2	P250	164.5	99	18.3	1	794	171.0	128.3	182.2	177.8			
DEKALB	DKC50-44 (VT3)	YGVT3	RR2	P250	163.9	99	18.4	7	790	149.7	153.4	183.1	165.4			
Crow's	1928R	YGVT3	RR2	CEP	163.8	99	17.6	4	797	140.9	133.8	185.3	198.5			
Kruger	6102VT3	YGVT3	RR2	CEP	163.6	99	17.6	4	796	145.5	140.3	181.4	185.2			
Cornelius	C333HXLL	HX1	LL	P250	161.7	97	18.7	10	776	129.6	110.6	188.4	210.5			
Mycogen	2P535	HXX	LL,RR2	CEP	161.4	97	18.9	3	774	135.5	142.2	187.1	180.4			
Viking	W86-00L	CB	LL	CEP	160.7	97	18.7	5	772	128.0	133.9	188.2	190.2			
Miller	X4773	YGVT3	RR2	CEP	160.7	97	18.3	4	774	133.4	129.2	199.8	183.0			

continued—

Table 12. Northeast district, 2008 district and single-location means. Early-season test, <104 day RM (continued).

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Thompson	Dougherty	Charles City	Maynard							
Farm Advantage	1018			CEP	160.6	97	18.4	4	774	133.2	128.8	186.2	194.4							
Mycogen	2D519	YGV T3	RR2	CEP	160.2	97	17.5	9	780	144.4	141.0	186.1	168.3							
AgSource	5N-504 GT/CB/LL/RW	CBRW	GT, LL	P250	160.2	97	22.5	3	735	139.6	114.6	192.5	191.1							
Miller	M43-43HT	HXX	LL	P250	160.1	97	19.1	7	764	122.8	120.1	203.3	192.8							
Kruger	6697VT3	YGV T3	RR2	CEP	159.6	96	16.2	1	787	133.7	147.2	170.5	185.9							
Circle	3300RR/HX	HX1	LL,RR2	CEP	159.4	96	19.7	4	757	142.7	127.1	186.1	178.4							
Viking	7809VT3	YGV T3	RR2	CEP	159.2	96	17.8	9	772	149.5	148.8	176.3	161.4							
Viking	P64-00RL	HXX	LL,RR2	CEP	158.9	96	19.3	7	760	125.8	129.9	190.8	188.9							
Epley	E1254 VT3	YGV T3	RR2	CEP	156.6	94	17.8	8	761	142.1	155.0	162.2	169.2							
Kaltenberg	K4433VT3	YGV T3	RR2	P250	156.6	94	17.2	0	765	127.5	145.1	171.1	178.9							
DEKALB	DKC53-17 (VT3)	YGV T3	RR2	P250	156.4	94	17.8	7	759	138.5	143.4	171.4	172.8							
DEKALB	DKC46-60 (VT3)	YGV T3	RR2	P250	156.0	94	17.0	1	763	138.4	145.7	168.3	170.1							
NuTech	3P-302 RR/YGPL	YGPL	RR2	C250	155.6	94	19.7	5	736	138.3	128.6	177.1	173.9							
Circle	8502HX	HX1	LL	CEP	153.8	93	17.8	7	747	141.6	132.6	167.4	175.5							
Renk	RK575VT3	YGV T3	RR2	P250	152.9	92	16.7	3	751	125.1	137.7	173.6	174.7							
NuTech	1H-803 HX/LL	HX1	LL	C250	152.2	92	17.7	8	741	136.8	115.8	180.6	175.0							
Renk	RK618VT3	YGV T3	RR2	P250	152.1	92	17.7	8	739	141.5	143.4	168.7	158.6							
Epley	E1244 VT3	YGV T3	RR2	CEP	150.5	91	15.4	6	750	117.7	140.4	166.9	176.3							
Rainbow	3035YGCB	YGCB			143.3	86	21.9	1	664	148.8	115.4	142.5	172.0							
Experiment Mean					165.8		18.6	4	797	144.8	142.2	187.3	188.9							
Minimum Mean					143.3		15.4	0	664	117.7	110.6	142.5	158.6							
Maximum Mean					183.0		27.7	13	873	171.0	163.4	207.3	211.1							
LSD(0.25)					7.9		0.8			12.5	9.1	10.2	10.0							
Coefficient of Variability					6.8					10.6	7.8	6.7	6.4							

Table 13. Northeast district, 2008 district and single-location means. Full-season test, 104–110 day RM.

Brand	GMO Traits										District Means							Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Thompson	Dougherty	Charles City	Maynard	Thompson		Dougherty		Charles City				
														Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Thompson	Dougherty	Charles City	Maynard
G2 Genetics (NuTech)	5H-506 RR/HX	HX1	LL,RR2	P250	181.3	108	23.1	2	823	150.7	148.3	217.4	209.7									
Epley	E1454 VT3	YGVVT3	RR2	CEP	178.9	107	17.7	3	871	152.9	144.1	209.1	212.7									
Kruger	6007TS	YGPL	RR2	CEP	178.8	106	21.1	2	836	156.7	157.0	204.7	195.1									
Circle	6008VT3	YGVVT3	RR2	CEP	178.1	106	23.1	11	813	147.0	158.8	211.0	192.8									
Miller	M52-56G	GT	GT		176.5	105	21.0	4	827	142.6	145.3	216.8	203.0									
NuTech	3T-110 VT3	YGVVT3	RR2	P250	176.3	105	26.1	6	767	139.2	165.6	200.8	204.1									
Mycogen	2G611	YGVVT3	RR2	CEP	175.1	104	20.4	6	826	164.4	160.6	195.9	186.0									
Crow's	4799VT3	YGVVT3	RR2	CEP	175.1	104	22.6	5	802	124.4	158.0	203.5	215.3									
Farm Advantage	1098			CEP	175.0	104	22.9	3	799	140.4	131.1	216.1	208.9									
Crow's	4354VT3	YGVVT3	RR2	CEP	174.8	104	24.4	3	780	147.3	135.4	208.9	209.1									
Midwest Seed Genetics	76996VT3	YGVVT3	RR2	CEP	174.4	104	22.2	3	804	142.3	145.4	202.4	208.5									
DEKALB	DKC61-69 (VT3)	YGVVT3	RR2	P250	174.3	104	23.2	4	792	134.7	149.6	216.1	198.2									
AgSource	3T-209 VT3	YGVVT3	RR2	P250	174.1	104	23.7	0	785	151.7	153.5	199.9	192.5									
Trisler	T-5A01VT3	YGVVT3	RR2	P250	173.9	104	22.7	6	794	153.0	145.6	199.8	196.7									
Circle	6107VT3	YGVVT3	RR2	CEP	173.9	104	21.9	5	803	145.6	141.8	207.9	201.1									
Renk	RK822VT3	YGVVT3	RR2	P250	173.7	103	23.4	1	786	135.4	164.3	196.2	199.4									
Viking	HX15878	HXX	LL	P250	173.5	103	21.0	2	809	140.7	138.3	205.4	204.0									
Circle	6208VT3	YGVVT3	RR2	CEP	173.1	103	24.2	2	777	146.2	145.7	199.3	200.8									
Trisler	T-6A02VT3	YGVVT3	RR2	P250	172.7	103	24.2	2	772	139.4	143.4	211.9	196.0									
AgSource	3T-510 VT3	YGVVT3	RR2	P250	172.0	102	23.8	3	775	137.4	146.4	208.3	197.4									
Viking	D43-06	YVCB		CEP	171.6	102	20.3	3	808	138.3	130.2	197.3	215.3									
DEKALB	DKC55-24 (VT3)	YGVVT3	RR2	P250	171.3	102	19.2	1	817	148.6	141.0	205.1	188.9									
AgSource	3T-409 VT3	YGVVT3	RR2	P250	171.1	102	22.0	2	793	138.9	149.3	187.5	207.7									
Midwest Seed Genetics	76425VT3	YGVVT3	RR2	CEP	171.1	102	23.0	8	781	142.3	162.6	191.0	185.9									
G2 Genetics (NuTech)	5H-906 RR/HX	HX1	LL,RR2	P250	169.8	101	23.3	1	770	140.4	139.3	209.5	189.4									
Cornelius	C454XTLL	HXX	LL	P250	169.5	101	23.9	4	761	132.9	135.2	207.7	198.4									
G2 Genetics (NuTech)	5H-508 RR/HX	HX1	LL,RR2	P250	169.1	101	23.7	6	761	140.2	135.0	202.2	201.4									
Trisler	T-4S61VT3	YGVVT3	RR2	P250	169.1	101	21.1	6	794	153.8	140.5	193.0	189.5									
Kruger	6606VT3	YGVVT3	RR2	CEP	168.9	101	20.3	7	797	139.8	145.0	193.6	196.5									
Epley	E1654 VT3	YGVVT3	RR2	CEP	168.7	100	26.7	3	728	139.3	145.1	197.8	187.9									
Miller	M57-51BR	CBRW	LL	CEP	168.6	100	25.1	5	748	127.4	146.4	205.8	195.0									
Renk	RK719VT3	YGVVT3	RR2	P250	168.4	100	21.3	2	784	141.3	149.5	197.6	183.7									
DEKALB	DKC61-19 (VT3)	YGVVT3	RR2	P250	168.3	100	24.2	6	754	133.0	150.7	208.3	179.7									
Miller	M58-54BRG	CBRW	LL	CEP	168.1	100	23.4	5	761	141.0	132.0	210.6	188.4									
Epley	E2307HXTLL	HXX	LL	CEP	167.9	100	23.7	3	757	137.3	147.8	190.1	195.7									
Epley	E1814 VT3	YGVVT3	RR2	CEP	167.8	100	23.5	5	759	141.7	132.3	209.9	187.1									
NuTech	3T-912 VT3	YGVVT3	RR2	P250	167.7	100	26.6	6	726	135.3	142.9	199.5	194.8									
Renk	RK698RRYGRW	YGRW	RR2	P250	167.6	100	18.1	5	812	139.5	138.4	205.7	183.5									
Circle	6006VT3	YGVVT3	RR2	CEP	167.6	100	20.8	5	785	144.6	129.4	205.1	185.8									
DEKALB	DKC57-43 (VTRR2)	YGVVT3	RR2	P250	167.6	100	19.7	9	797	143.8	133.0	200.4	194.7									
Kruger	8106HX	HX1	LL	CEP	167.0	99	21.8	7	772	139.1	127.3	201.7	198.7									
Miller	M57-65				166.7	99	22.4	3	762	143.0	127.3	196.2	201.0									
NuTech	3P-808 RR/YGPL	YGPL	RR2	C250	166.6	99	22.6	6	763	140.8	131.3	199.7	194.3									
Farm Advantage	87X04	HXX	LL	CEP	166.6	99	23.8	2	750	124.7	149.6	198.6	194.6									
Epley	E1584 VT3	YGVVT3	RR2	CEP	166.4	99	24.2	1	744	128.2	146.6	196.4	193.6									

Table 13. Northeast district, 2008 district and single-location means. Full-season test, 104–110 day RM (continued).

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Thompson	Dougherty	Charles City	Maynard							
NuTech	3P-708 RR/YGPL	YGPL	RR2	P250	166.3	99	25.6	6	730	141.6	128.3	198.2	195.8							
Renk	RK692CBLLRW	CBRW	LL	P250	165.9	99	20.3	1	782	132.3	135.2	207.9	187.0							
AgSource	3P-708A RR/YGPL	YGPL	RR2	P250	165.8	99	25.4	6	729	136.5	139.5	199.4	189.9							
Renk	RK760RRYVCB	YVCB	RR2	P250	165.7	99	20.8	7	776	147.9	140.1	191.9	179.6							
Viking	BR5806	YVCB	RR2	CEP	165.7	99	21.0	6	773	128.4	140.2	197.5	195.5							
Mycogen	x28632	HXX	LL	CEP	165.4	99	24.1	3	742	129.4	136.2	201.8	192.0							
Kaltenberg	K6165RRHXT	HXX	LL,RR2	P250	165.1	98	23.0	3	751	137.7	131.4	199.3	191.4							
Miller	X5931	HX1	LL	CEP	164.5	98	25.4	7	725	141.1	129.2	197.1	193.7							
Kruger	6503TS	YGPL	RR2	CEP	164.2	98	18.0	3	795	129.2	135.7	198.8	191.7							
Cornelius	C447VT3	YGVVT3	RR2	P250	164.2	98	20.6	6	770	138.4	139.9	200.0	177.0							
Cornelius	C547RRPL	YGPL	RR2	P250	163.5	97	22.3	5	750	133.9	132.4	198.9	189.8							
Mycogen	2W586	HXX	LL	CEP	163.3	97	21.6	5	756	130.6	141.9	195.8	187.6							
G2 Genetics (NuTech)	1H-005 HX/LL	HX1	LL	P250	163.1	97	21.0	5	760	120.6	130.5	209.8	190.9							
DEKALB	DKC54-49 (VT3)	YGVVT3	RR2	P250	162.5	97	18.6	7	781	139.4	137.1	200.3	174.2							
Miller	M63-62B	CB	LL	P250	161.8	96	23.5	4	730	131.2	124.3	191.7	201.1							
Kaltenberg	K5823VT3	YGVVT3	RR2	P250	161.8	96	21.2	1	753	120.9	147.8	191.7	189.0							
Rainbow	3105YVCB	YVCB	RR2	P250	161.7	96	28.0	5	687	140.1	122.0	197.4	185.5							
AgSource	3T-310A VT3	YGVVT3	RR2	C250	161.4	96	23.9	5	725	138.4	127.0	197.9	183.0							
AgSource	1N-909 CB/LL/RW	CBRW	LL	C250	160.3	95	23.9	5	723	126.1	140.6	187.2	192.0							
Renk	RK770VT3	YGVVT3	RR2	P250	159.7	95	24.3	1	716	130.2	138.0	185.9	186.4							
NuTech	3T-808 VT3	YGVVT3	RR2	C250	158.9	95	22.5	5	727	120.6	129.2	196.7	190.0							
Fontanelle	6R884	RR2	RR2	P250	158.7	95	19.8	4	754	125.7	130.6	196.2	183.2							
NuTech	3T-310 VT3	YGVVT3	RR2	C250	158.2	94	24.0	4	709	130.5	135.9	197.0	169.7							
Kaltenberg	K6648LLBt11	CB	LL	P250	158.1	94	23.6	5	715	131.0	121.0	188.9	191.4							
Kaltenberg	K6355RRLLBtHX	HX1	LL,RR2	P250	156.9	93	24.7	6	698	120.3	130.7	185.5	192.5							
Rainbow	X1078	RR2	RR2	P250	156.5	93	23.2	6	713	132.8	125.1	196.0	172.5							
Epley	E1644 VT3	YGVVT3	RR2	CEP	153.6	91	21.6	11	713	128.6	136.5	183.2	161.8							
Experiment Mean					167.9		22.6	4	768	137.9	140.2	200.5	193.0							
Minimum Mean					153.6		17.7	0	687	120.3	121.0	183.2	161.8							
Maximum Mean					181.3		28.0	11	871	164.4	165.6	217.4	215.3							
LSD(0.25)					6.7		1.0			10.1	9.4	10.2	10.6							
Coefficient of Variability					6.5					8.9	8.2	6.2	6.7							

Table 14. Central-west district, 2008 district and single-location means. Early-season test, 104-110 day RM.

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$			Salix	Westside	Ames	Hubbard					
Four Star	6863VT3	YGV T3	RR2	C250	199.4	108	18.4	15	961	183.6	211.9	207.7	194.5							
NuTech	0C-404A YGCB	YGCB	RR2	P250	197.5	107	17.1	10	963	172.0	203.2	197.3	219.2							
Kruger	6210TS	YGPL	RR2	CEP	197.5	107	18.3	11	951	167.7	215.7	203.5	199.0							
AgSource	3C-408 RRYGCB	YGCB	RR2	P250	196.1	106	18.6	9	943	184.4	207.6	208.6	184.8							
G2 Genetics (NuTech)	5H-508 RR/HX	HX1	LL,RR2	P250	195.5	106	18.5	3	940	173.5	210.5	208.8	189.8							
G2 Genetics (NuTech)	1H-005 HX/LL	HX1	LL	P250	194.7	105	17.2	6	949	163.2	211.7	208.1	196.3							
Crow's	4688VT3	YGV T3	RR2	CEP	194.5	105	17.6	15	945	173.4	183.3	192.3	196.9							
NuTech	3T-110 VT3	YGV T3	RR2	P250	193.7	105	19.4	18	921	171.9	212.0	194.4	198.5							
NuTech	3P-708 RRYGPL	YGPL	RR2	P250	193.1	105	19.3	15	917	171.7	201.9	196.3	201.1							
Crow's	4354VT3	YGV T3	RR2	CEP	192.9	104	18.2	14	928	168.8	195.5	201.5	203.4							
Midwest Seed Genetics	76996VT3	YGV T3	RR2	CEP	192.5	104	18.5	9	923	162.8	203.5	194.4	205.9							
G2 Genetics (NuTech)	1X-911 HXT/LL	HXX	LL	P250	192.0	104	19.2	7	915	168.6	206.0	199.4	191.7							
G2 Genetics (NuTech)	5H-506 RR/HX	HX1	LL,RR2	P250	191.1	103	17.8	4	928	172.8	197.7	205.9	187.7							
Circle	6008VT3	YGV T3	RR2	CEP	190.7	103	18.6	7	916	180.7	200.4	188.8	190.9							
Cornelius	C587VT3	YGV T3	RR2	P250	190.6	103	18.4	9	917	162.4	205.5	195.8	199.3							
Trisler	T-6A02VT3	YGV T3	RR2	P250	189.6	103	17.9	17	919	169.9	205.6	193.6	188.2							
Circle	6208VT3	YGV T3	RR2	CEP	189.0	102	18.4	11	909	164.2	210.3	195.5	184.5							
Four Star	9956VT3	YGV T3	RR2	P250	187.8	102	18.3	8	905	167.7	200.2	193.2	189.7							
Mycogen	x28632	HXX	LL	CEP	187.4	101	18.3	13	903	149.4	203.8	202.6	192.7							
Circle	6107VT3	YGV T3	RR2	CEP	187.3	101	17.8	9	906	155.4	200.2	185.7	208.6							
Renze	5X268HXT/LL	HXX	LL	P250	186.8	101	18.2	12	899	164.4	187.2	199.8	195.7							
DEKALB	DKC55-24 (VT3)	YGV T3	RR2	P250	186.8	101	16.8	6	916	165.7	189.0	197.3	195.2							
Trisler	T-5N51VT3	YGV T3	RR2	P250	186.5	101	18.2	13	899	165.1	202.7	193.9	186.1							
AgSource	1X-606A HXT/LL	HXX	LL	C250	186.3	101	18.7	12	897	153.8	196.8	194.2	201.0							
Kruger	6007TS	YGPL	RR2	CEP	185.4	100	16.3	8	910	157.8	202.8	184.7	196.3							
Mycogen	x27613	HXX	LL	CEP	185.1	100	19.5	6	879	160.3	197.7	194.3	190.4							
Four Star	8843HXTRRL	HXX	LL,RR2	C250	184.8	100	18.7	10	886	152.0	191.7	204.5	189.7							
Midwest Seed Genetics	76425VT3	YGV T3	RR2	CEP	184.7	100	18.3	9	889	164.1	204.7	185.3	184.0							
DEKALB	RX674VT3	YGV T3	RR2	P250	184.6	100	18.1	8	891	148.9	202.1	203.9	187.0							
Trisler	T-4S61VT3	YGV T3	RR2	P250	184.4	100	17.9	9	891	159.8	192.0	188.9	198.6							
Kruger	8106HX	HX1	LL	CEP	183.9	100	17.3	14	894	153.2	188.4	193.1	199.0							
Circle	6006VT3	YGV T3	RR2	CEP	183.0	99	17.7	9	887	166.5	189.6	182.4	193.1							
Renze	8199YGCB	YGCB	RR2	P250	182.2	99	17.3	14	888	152.0	209.2	191.1	174.2							
NuTech	3T-109 VT3	YGV T3	RR2	P250	182.0	99	18.0	17	881	178.9	193.6	171.8	183.8							
Farm Advantage	87X04	HXX	LL	CEP	181.9	98	18.2	9	877	155.9	196.0	188.7	186.6							
DEKALB	DKC57-43 (VTRR2)	YGV T3	RR2	P250	181.6	98	16.8	17	870	144.4	194.0	193.5	194.0							
Rainbow	X1116HX	HX1	LL	CEP	181.6	98	18.6	15	870	159.6	189.2	191.6	187.2							
Kruger	6606VT3	YGV T3	RR2	CEP	181.3	98	16.5	18	890	152.8	194.7	180.8	198.1							
Kruger	6011TS	YGPL	RR2	CEP	181.3	98	18.0	7	876	162.6	190.4	178.9	189.0							
Farm Advantage	87A09	CBRW	LL	CEP	181.0	98	18.4	10	871	156.6	189.3	209.3	170.5							
Cornelius	C547RRPL	YGPL	RR2	P250	180.2	98	17.7	29	875	143.3	191.1	187.0	197.7							
Cornelius	C447VT3	YGV T3	RR2	P250	179.8	97	16.7	18	881	152.3	187.7	188.9	190.9							
AgSource	3T-409 VT3	YGV T3	RR2	P250	179.6	97	18.4	9	864	147.3	201.4	190.6	179.8							
Four Star	6862VT3	YGV T3	RR2	C250	179.2	97	18.0	13	867	156.1	193.2	190.3	175.1							
NuTech	3T-310 VT3	YGV T3	RR2	C250	178.0	96	18.0	16	861	158.8	184.5	193.0	170.1							

Table 14. Central-west district, 2008 district and single-location means. Early-season test, 104-110 day RM (continued).

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Salix	Westside	Ames	Hubbard							
AgSource	3P-708A RR/YGPL	YGPL	RR2	P250	177.2	96	19.0	17	844	144.5	196.7	187.8	179.9							
NuTech	3T-808 VT3	YGVVT3	RR2	C250	175.9	95	17.7	26	852	148.0	190.2	173.8	189.9							
Four Star	6844VT3	YGVVT3	RR2	C250	174.9	95	17.5	16	851	152.8	195.1	166.0	184.8							
AgSource	3P-507A RR/YGPL	YGPL	RR2	P250	173.5	94	17.3	10	845	145.2	191.8	176.3	179.9							
Mycogen	2W586	HXX	LL	CEP	172.6	93	17.4	12	840	154.5	175.6	181.6	177.9							
Farm Advantage	86X06	HXX	LL	CEP	171.4	93	17.1	16	836	144.7	181.2	202.1	158.2							
Kruger	6503TS	YGPL	RR2	CEP	169.6	92	15.7	16	841	125.2	186.0	178.0	189.7							
Renze	5X239HXT/LL	HXX	LL	P250	167.0	90	16.9	26	816	129.5	178.6	167.3	196.4							
DEKALB	DKC54-49 (VT3)	YGVVT3	RR2	P250	167.0	90	16.2	29	822	134.2	180.4	170.0	187.2							
Experiment Mean					184.7		17.9	13	893	159.2	197.3	191.7	190.4							
Minimum Mean					167.0		15.7	3	816	125.2	175.6	166.0	158.2							
Maximum Mean					199.4		19.5	29	963	184.4	218.3	209.3	219.2							
LSD(0.25)					7.3		0.7			11.1	9.4	9.4	9.3							
Coefficient of Variability					5.8					8.5	5.8	6.0	6.0							

Table 15. Central-west district, 2008 district and single-location means. Full-season test, 109-114 day RM.

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Salix	Westside	Ames	Hubbard							
DEKALB	DKC64-24 (VT3)	YGVVT3	RR2	P250	204.1	110	19.3	7	973	196.4	217.4	208.7	195.4							
Mycogen	2T789	HXX	LL,RR2	CEP	197.4	106	21.4	10	911	178.0	205.3	203.0	208.6							
Fontanelle	7N771	YGCB	RR2	P250	196.4	106	20.1	6	923	156.5	207.9	213.7	209.6							
AgSource	0C-213 YGCB	YGCB	RR2	C250	196.1	106	20.6	11	917	173.1	205.5	209.8	194.3							
Four Star	6881VT3	YGVVT3	RR2	C250	194.6	105	21.7	6	895	181.6	198.9	196.9	201.1							
Four Star	7860HXRRLL	HX1	LL,RR2	C250	193.8	104	20.9	14	908	170.4	202.6	201.3	203.6							
Renze	1328VT3	YGVVT3	RR2	P250	193.3	104	18.6	5	928	175.0	196.1	196.5	204.9							
Circle	9414RR/HXT	HXX	LL,RR2	CEP	192.9	104	21.4	13	893	177.7	205.1	188.5	202.3							
NuTech	3T-315 VT3	YGVVT3	RR2	P250	192.4	104	22.3	8	881	187.3	202.5	205.0	180.9							
AgSource	3T-311A VT3	YGVVT3	RR2	P250	192.2	104	20.1	11	902	160.7	204.3	194.6	213.2							
Cornelius	C591	CEP		CEP	191.6	103	18.2	11	924	165.7	195.7	200.8	202.1							
Rainbow	3129YGCB	YGCB			191.3	103	18.1	11	924	166.4	201.7	197.2	198.7							
Circle	6114VT3	YGVVT3	RR2	CEP	191.3	103	19.9	11	903	153.4	204.6	202.7	208.7							
Trisler	T-6N51PLRR	YGPL	RR2	P250	191.3	103	18.4	10	919	158.5	205.1	197.5	203.6							
Circle	6111TS	YGPL	RR2	CEP	191.1	103	19.9	18	902	169.1	191.4	210.3	197.8							
AgSource	3T-415 VT3	YGVVT3	RR2	P250	190.0	102	21.6	7	875	168.8	203.2	195.0	192.6							
Fontanelle	7T231	YGVVT3	RR2	P250	189.8	102	17.6	9	921	171.8	202.0	188.2	204.0							
Trisler	T-7N54VT3	YGVVT3	RR2	P250	189.7	102	19.8	9	897	162.8	207.2	196.7	190.2							
DEKALB	DKC62-29 (VT3)	YGVVT3	RR2	P250	189.1	102	18.4	5	909	157.9	202.5	204.1	193.3							
Trisler	T-9A02VT3	YGVVT3	RR2	P250	188.8	102	20.4	10	886	151.3	204.5	203.1	199.2							
Kruger	6213VT3	YGVVT3	RR2	CEP	188.6	102	18.3	6	905	154.7	192.7	200.7	209.9							
Four Star	6875VT3	YGVVT3	RR2	C250	188.5	102	18.0	11	910	179.7	186.2	195.6	194.9							
G2 Genetics (NuTech)	5H-212 RR/HX	HX1	LL,RR2	P250	188.0	101	20.2	7	884	165.7	190.2	202.0	194.9							
DEKALB	DKC61-19 (VT3)	YGVVT3	RR2	P250	187.7	101	18.2	17	904	159.5	199.5	200.0	188.8							
Mycogen	2W705	HXX	LL,RR2	CEP	187.1	101	20.4	11	879	169.4	200.2	198.2	181.7							
NuTech	0C-413 YGCB	YGCB		P250	187.0	101	19.2	13	886	153.5	198.2	202.0	189.9							
DEKALB	DKC62-99 (RR2/YGCB)	YGVVT3	RR2	P250	186.9	101	19.0	7	893	171.3	185.2	204.1	188.9							
Kruger	6411VT3	YGVVT3	RR2	CEP	186.6	101	17.8	10	903	165.5	192.7	189.6	197.9							
Rainbow	3105YGCB	YGCB			186.3	100	20.5	8	870	174.9	190.0	186.2	194.4							
NuTech	3T-514 VT3	YGVVT3	RR2	P250	185.8	100	20.2	13	868	144.8	203.4	194.1	199.3							
Kruger	6413VT3	YGVVT3	RR2	CEP	185.5	100	18.2	16	892	153.1	193.7	195.0	197.7							
NuTech	3T-912A VT3	YGVVT3	RR2	P250	184.9	100	20.1	11	872	157.3	196.6	200.9	179.7							
Renze	1379VT3	YGVVT3	RR2	P250	184.7	100	20.7	8	863	157.6	204.0	188.4	188.5							
Kruger	6412VT3	YGVVT3	RR2	CEP	184.5	99	20.2	16	866	167.9	192.8	186.3	189.7							
Renze	7409RR2	YGVVT3	RR2	P250	184.3	99	20.8	9	857	159.6	195.2	187.8	198.1							
DEKALB	DKC61-69 (VT3)	YGVVT3	RR2	P250	184.3	99	17.6	19	893	145.6	200.8	193.9	193.4							
Kruger	7010YG+	YGPL		CEP	184.2	99	18.1	12	888	153.6	194.0	175.8	211.8							
Kruger	6212TS	YGPL	RR2	CEP	184.1	99	19.9	7	870	177.1	194.0	184.6	178.6							
G2 Genetics (NuTech)	5H-911 RR/HX	HX1	LL,RR2	P250	183.8	99	18.2	11	886	159.1	184.4	199.9	191.4							
Circle	6013VT3	YGVVT3	RR2	CEP	183.7	99	21.5	13	847	166.7	183.4	197.3	186.7							
Trisler	T-7N51VT3	YGVVT3	RR2	P250	183.6	99	17.7	15	890	157.9	189.8	194.7	184.5							
AgSource	3T-710 VT3	YGVVT3	RR2	P250	183.2	99	18.1	11	884	167.8	182.4	188.0	193.7							
Crow's	4985VT3	YGVVT3	RR2	CEP	183.2	99	19.9	20	864	163.7	185.5	196.9	185.9							
DEKALB	DKC63-42 (VT3)	YGVVT3	RR2	P250	182.8	98	19.0	12	873	150.0	200.0	194.1	191.1							
Mycogen	x29783	YGPL	RR2	CEP	182.7	98	19.2	14	869	158.8	178.2	197.6	197.7							

Table 15. Central-west district, 2008 district and single-location means. Full-season test, 109–114 day RM (continued).

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Salix	Westside	Ames	Hubbard							
Rainbow	X1147RRBT	YGCB	RR2		182.4	98	20.1	11	860	165.8	194.4	196.4	173.4							
Renze	1399VT3	YGVVT3	RR2	P250	181.7	98	18.9	15	866	152.4	185.1	188.8	197.5							
NuTech	3T-012 VT3	YGVVT3	RR2	P250	181.3	98	19.6	10	857	160.5	183.9	197.6	185.3							
Midwest Seed Genetics	79504VT3	YGVVT3	RR2	CEP	181.3	98	19.2	11	863	153.7	198.5	186.2	181.5							
NuTech	3T-310B VT3	YGVVT3	RR2	C250	181.2	98	18.0	13	874	149.3	194.4	196.4	179.4							
Rainbow	X1107VT3	YGVVT3	RR2		180.7	97	17.9	17	872	146.5	189.8	184.2	204.8							
Renze	5X347HXT/LL	HXX	LL	P250	180.2	97	19.4	13	857	160.8	187.4	199.0	174.3							
AgSource	5X-512 RR/HXT	HXX	LL,RR2	P250	179.7	97	20.6	15	837	171.2	172.7	177.1	199.6							
Rainbow	3142YGCB	YGCB			179.6	97	18.9	6	859	157.0	193.8	186.7	181.4							
Cornelius	C659XTLL	HXX	LL	P250	177.5	96	19.5	17	846	163.2	180.1	183.9	185.1							
Farm Advantage	86X13	HXX	LL	CEP	174.3	94	19.2	12	833	163.5	191.8	186.3	159.6							
Circle	8112HX	HX1	LL	CEP	170.9	92	18.8	20	813	140.1	176.2	183.0	185.9							
Cornelius	C729RR		RR2	P250	169.9	92	18.8	9	810	150.9	169.7	184.3	176.6							
G2 Genetics (NuTech)	1H-715 HX/LL	HX1	LL	P250	150.9	81	21.6	13	689		149.6	164.4	165.1							
Experiment Mean					185.6		19.5	11	880	162.8	193.7	194.5	192.6							
Minimum Mean					150.9		17.6	5	689	140.1	149.6	164.4	159.6							
Maximum Mean					204.1		22.3	20	973	196.4	217.4	213.7	213.2							
LSD(0.25)					7.1		1.0			12.4	10.2	8.8	11.4							
Coefficient of Variability					6.2					9.3	6.4	5.5	7.2							

Table 16. Central-east district, 2008 district and single-location means. Early-season test, 104–110 day RM.

Brand	Entry	GMO Traits										District Means					Single-Location Yield				
		Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Ames	Hubbard	Keystone	Clarence								
														Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Ames	Hubbard	Keystone
Miller	M57-51BR	CBRW	LL	CEP	204.1	107	19.5	7	971	194.2	208.8	217.5	197.7								
Crow's	4799VT3	YGVVT3	RR2	CEP	202.2	106	18.5	2	974	195.6	191.8	225.9	193.4								
AgSource	3T-310A VT3	YGVVT3	RR2	C250	201.8	106	18.1	4	976	210.0	188.2	211.1	199.4								
Crow's	4305VT3	YGVVT3	RR2	CEP	200.4	105	18.3	5	967	200.0	186.5	218.3	197.3								
Merschman	M-508C-10	YGVVT3	RR2	P250	200.2	105	18.2	6	968	194.5	192.6	215.4	200.3								
Circle	6107VT3	YGVVT3	RR2	CEP	199.8	105	17.8	7	968	183.6	200.6	219.4	191.4								
Cornelius	C587VT3	YGVVT3	RR2	P250	199.8	105	18.3	2	965	195.8	190.6	215.6	201.1								
Kruger	6210TS	YGPL	RR2	CEP	199.3	105	18.8	2	957	197.9	191.9	202.8	206.4								
Midwest Seed Genetics	76865VT3	YGVVT3	RR2	CEP	197.9	104	17.9	4	959	199.7	184.3	219.2	191.4								
NuTech	3T-808 VT3	YGVVT3	RR2	C250	197.4	104	17.8	11	958	183.3	193.6	214.9	195.9								
Kruger	6606VT3	YGVVT3	RR2	CEP	197.2	104	16.6	3	970	203.6	186.9	203.9	191.5								
AgSource	3T-208 VT3	YGVVT3	RR2	P250	196.8	104	18.4	7	949	191.8	193.1	205.0	195.8								
Midwest Seed Genetics	76485VT3	YGVVT3	RR2	CEP	196.6	103	18.5	4	947	193.5	193.1	211.3	187.9								
Merschman	M-909C-3	YGCB	RR2	P250	196.4	103	18.5	6	944	220.8	188.3	215.6	157.1								
Miller	M63-59				196.3	103	19.1	5	936	204.6	203.7	213.3	166.6								
Renze	5X268HX1/LL	HXX	LL	P250	196.2	103	18.6	8	946	186.2	188.9	233.0	178.1								
Renze	8199YGCB	YGCB	RR2	P250	195.8	103	17.0	3	958	202.4	206.2	214.7	156.7								
Circle	6006VT3	YGVVT3	RR2	CEP	195.7	103	17.8	4	950	193.4	194.0	204.3	193.3								
Mycogen	x27613	HXX	LL	CEP	195.7	103	19.5	2	932	191.6	186.9	210.7	196.0								
Trisler	T-5N52VT3	YGVVT3	RR2	P250	195.4	103	16.6	6	962	195.3	189.7	196.4	204.2								
G2 Genetics (NuTech)	1H-005 HX/LL	HX1	LL	P250	195.0	103	16.8	5	956	213.8	181.2	213.6	173.8								
Renze	5X239HX1/LL	HXX	LL	P250	194.6	102	17.0	17	952	172.6	194.7	222.4	188.3								
Cornelius	C454XTLL	HXX	LL	P250	194.6	102	18.5	8	936	189.9	188.9	207.3	182.6								
Mycogen	x28632	HXX	LL	CEP	194.5	102	18.2	9	939	193.1	189.1	213.2	185.0								
Circle	6008VT3	YGVVT3	RR2	CEP	194.4	102	18.5	3	936	194.7	190.6	207.8	183.3								
NuTech	3T-912 VT3	YGVVT3	RR2	P250	194.4	102	19.9	5	921	198.3	186.6	204.3	188.4								
AgSource	3T-510 VT3	YGVVT3	RR2	P250	194.3	102	18.7	2	933	204.5	191.2	208.7	175.9								
Farm Advantage	87X04	HXX	LL	CEP	194.0	102	18.3	7	936	199.4	186.6	199.5	190.5								
Cornelius	C547RRPL	YGPL	RR2	P250	193.8	102	17.8	16	943	190.8	177.9	211.1	196.4								
NuTech	3T-310 VT3	YGVVT3	RR2	C250	193.5	102	18.1	5	937	191.9	177.5	207.2	197.2								
Trisler	T-5A01VT3	YGVVT3	RR2	P250	193.2	102	18.0	7	934	186.2	198.7	209.9	176.8								
DEKALB	RX674VT3	YGVVT3	RR2	P250	193.1	102	18.0	7	934	204.5	188.2	196.5	180.9								
DEKALB	DKC57-43 (VTRR2)	YGVVT3	RR2	P250	192.6	101	16.5	6	948	190.2	184.5	210.9	185.6								
G2 Genetics (NuTech)	1X-911 HXT/LL	HXX	LL	P250	192.3	101	19.2	3	920	198.7	182.5	199.9	189.5								
Circle	6208VT3	YGVVT3	RR2	CEP	192.1	101	18.3	5	928	192.4	186.4	193.3	195.8								
AgSource	3T-009 VT3	YGVVT3	RR2	C250	191.8	101	17.5	11	934	175.1	189.2	209.8	192.5								
Miller	M57-52L	LL	LL	CEP	190.7	100	19.3	4	910	193.1	191.8	217.2	160.6								
Epley	E2307HXTLL	HXX	LL	CEP	189.9	100	18.6	5	913	195.5	178.0	196.6	188.1								
AgSource	3C-408 RR/YGCB	YGCB	RR2	P250	189.5	100	18.9	4	906	203.7	195.7	209.1	151.9								
Trisler	T-6A01PLRR	YGPL	RR2	P250	189.4	100	18.5	2	915	190.1	174.1	208.3	185.5								
Rainbow	3105YGCB	YGCB	RR2	CEP	189.1	100	20.3	5	887	184.6	195.8	216.7	158.4								
Miller	M58-54BRG	CBRW	LL	CEP	189.1	100	17.8	4	921	193.6	169.0	209.6	179.4								
NuTech	5X-008 RR/HXT	HXX	LL,RR2	P250	189.0	99	19.3	4	905	196.4	167.2	197.6	192.3								
Kruger	6011TS	YGPL	RR2	CEP	188.8	99	18.2	3	912	185.4	187.4	203.5	177.3								
NuTech	3P-708 RR/YGPL	YGPL	RR2	P250	188.6	99	19.3	11	898	177.5	200.4	203.6	172.3								

Table 16. Central-east district, 2008 district and single-location means. Early-season test, 104–110 day RM (continued).

Brand	GMO Traits										District Means							Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Ames	Hubbard	Keystone	Clarence	Ames		Hubbard		Keystone				
														Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Ames	Hubbard	Keystone	Clarence
DEKALB	DKC55-24 (VT3)	YGVT3	RR2	P250	188.5	99	16.6	3	926	197.3	188.4	202.5	166.5									
Trisler	T-5N51VT3	YGVT3	RR2	P250	188.2	99	18.1	5	909	201.6	183.5	199.0	164.7									
Miller	M63-62BR	CBRW	LL	CEP	187.1	98	18.3	2	902	189.2	182.0	196.5	179.9									
Premium	P246				186.5	98	18.5	1	897	181.7	183.6	198.8	180.3									
Kruger	8106HX	HX1	LL	CEP	186.2	98	17.9	6	902	203.5	187.1	208.1	140.1									
Epley	E1584 VT3	YGVT3	RR2	CEP	185.7	98	18.9	7	893	167.5	170.3	206.1	204.3									
G2 Genetics (NuTech)	5H-508 RR/HX	HX1	LL,RR2	P250	185.3	98	18.0	2	897	185.6	190.0	205.4	154.0									
G2 Genetics (NuTech)	5H-508 RR/HX	HX1	LL,RR2	P250	184.7	97	17.3	1	901	198.9	184.0	185.5	171.5									
Farm Advantage	87A09	CBRW	LL	CEP	183.6	97	18.4	4	885	193.6	168.1	200.2	174.0									
Merschman	M-808E-2	YGVT	RR	P250	183.1	96	18.9	8	877	159.8	191.5	200.1	186.8									
Rainbow	X1078				182.5	96	17.9	11	883	172.9	185.8	223.1	143.9									
Merschman	M-804C-10	YGVT	RR2	P250	181.6	96	15.8	7	899	187.1	179.2	197.2	165.2									
Kruger	6007TS	YGPL	RR2	CEP	180.4	95	16.4	4	888	180.9	184.7	194.7	159.9									
Renk	RK770VT3	YGVT3	RR2	P250	180.3	95	18.6	4	869	168.0	163.4	204.0	186.9									
Merschman	M-806B-10	YGVT	RR2	P250	179.7	95	17.1	2	879	184.3	173.8	184.8	172.5									
AgSource	3P-708A RR/YGPL	YGPL	RR2	P250	179.4	94	18.9	12	858	189.6	185.3	205.7	139.3									
Renk	RK760RRYGCB	YGCB	RR2	P250	179.1	94	16.8	4	876	183.7	192.8	197.2	141.9									
Renk	RK698RRYGRW	YGRW	RR2	P250	178.9	94	15.5	7	889	176.3	187.2	188.3	160.7									
Miller	X5916HT	HXX	LL	CEP	178.7	94	19.2	7	853	180.5	178.3	200.8	145.5									
Mycogen	2W586	HXX	LL	CEP	177.9	94	17.3	6	868	180.0	178.6	186.7	165.4									
Kruger	6503TS	YGPL	RR2	CEP	176.3	93	15.2	7	879	169.1	188.9	181.9	168.5									
DEKALB	DKC54-49 (VT3)	YGVT3	RR2	P250	176.0	93	15.9	16	872	166.1	179.4	192.5	164.3									
Renk	RK719VT3	YGVT3	RR2	P250	176.0	93	17.3	3	859	182.1	179.0	168.4	175.2									
Epley	E1644 VT3	YGVT3	RR2	CEP	175.1	92	17.0	13	857	168.2	174.8	195.4	162.7									
NuTech	3P-507 RR/YGPL	YGPL	RR2	P250	168.6	89	16.9	7	826	170.6	175.5	195.0	131.8									
Experiment Mean					190.0		18.0	6	919	190.3	186.1	205.0	178.4									
Minimum Mean					168.6		15.2	1	826	159.8	163.4	168.4	131.8									
Maximum Mean					204.1		20.3	17	976	220.8	208.8	233.0	206.4									
LSD(0.25)					9.7		0.5			9.5	10.7	9.9	11.5									
Coefficient of Variability					5.8					6.1	7.0	5.9	7.9									

Table 17. Central-east district, 2008 district and single-location means. Full-season test, 109–114 day RM.

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Ames	Hubbard	Keystone	Clarence							
Merschman	M-911C-10	YGVT	RR2	P250	200.5	108	19.3	5	956	191.1	205.6	209.2	202.7							
Fontanelle	7N771	YGCB	RR2	P250	197.9	107	20.4	3	931	202.6	193.4	196.9	202.9							
AgSource	3T-415 VT3	YGVT3	RR2	P250	197.2	107	22.5	2	905	189.6	181.0	214.6	210.6							
Epley	E1814 VT3	YGVT3	RR2	CEP	196.7	106	18.5	5	945	212.1	200.3	192.3	181.8							
Miller	M76-14BR	CBRW	LL	CEP	195.2	106	23.8	2	876	204.9	186.3	216.4	171.1							
Circle	6114VT3	YGVT3	RR2	CEP	195.0	105	20.9	5	912	198.0	205.2	197.5	181.4							
Circle	9414RR/HXT	HXX	LL,RR2	CEP	194.2	105	22.0	4	898	190.8	189.6	204.4	190.6							
Miller	M64-61BR	CBRW	LL	CEP	193.9	105	21.4	1	899	207.7	193.6	194.4	178.9							
DEKALB	DKC64-24 (VT3)	YGVT3	RR2	P250	193.5	105	20.0	5	914	199.6	194.2	198.3	181.2							
NuTech	3T-110A VT3	YGVT3	RR2	P250	193.4	105	20.3	7	909	186.2	196.3	208.1	181.8							
Circle	6013VT3	YGVT3	RR2	CEP	192.8	104	21.9	3	888	199.4	198.2	189.8	184.2							
AgSource	5X-512 RR/HXT	HXX	LL,RR2	P250	192.5	104	21.7	9	889	174.5	207.5	208.5	176.6							
Kruger	6213VT3	YGVT3	RR2	CEP	191.5	104	19.6	2	908	199.0	191.2	200.2	173.0							
Trisler	T-7N88VT3	YGVT3	RR2	P250	191.3	103	19.3	4	912	189.3	198.4	194.1	186.9							
Miller	M69-71BR	CBRW	LL	CEP	190.8	103	21.8	3	880	195.4	208.6	195.9	165.5							
Rainbow	3158YGCB	YGCB	RR2	P250	190.8	103	22.0	5	875	191.2	200.3	208.3	158.0							
NuTech	3T-311 VT3	YGVT3	RR2	P250	190.6	103	21.0	3	890	196.3	189.7	198.8	178.9							
DEKALB	DKC62-29 (VT3)	YGVT3	RR2	P250	190.6	103	19.2	1	911	186.3	189.7	193.0	193.5							
Mycogen	2H697	YGVT3	RR2	CEP	190.4	103	18.7	3	913	191.2	190.5	189.5	193.4							
Midwest Seed Genetics	78135VT3	YGVT3	RR2	CEP	190.4	103	20.9	7	889	192.7	186.6	197.9	180.5							
Mycogen	2W705	HXX	LL,RR2	CEP	189.4	102	20.9	7	887	196.5	186.8	196.1	182.3							
Rainbow	X1116HX	HX1	LL	P250	189.2	102	19.3	4	900	185.5	200.7	200.3	168.4							
DEKALB	DKC63-42 (VT3)	YGVT3	RR2	P250	189.0	102	19.8	5	896	185.1	190.9	194.7	186.8							
Renk	RK829VT3	YGVT3	RR2	P250	188.7	102	18.9	3	903	189.7	195.1	174.0	207.4							
AgSource	3U-113 VTRR	YGVT	RR2	P250	188.4	102	22.2	9	866	181.1	194.5	201.7	176.7							
Crow's	5269VT3	YGVT3	RR2	CEP	188.2	102	19.9	2	891	183.3	179.3	200.1	191.1							
Kruger	6411VT3	YGVT3	RR2	CEP	188.1	102	18.3	4	908	183.6	191.0	189.4	193.2							
Cornelius	C659XTLL	HXX	LL	P250	188.0	102	20.2	7	890	186.7	183.3	194.0	190.9							
Mycogen	x29783	YGPL	RR2	CEP	187.9	102	19.3	7	894	194.6	199.9	187.7	169.7							
Renk	RK822VT3	YGVT3	RR2	P250	187.9	102	18.4	2	905	192.0	188.3	196.0	177.5							
Cornelius	C649VT3	YGVT3	RR2	P250	187.9	102	18.5	5	904	197.6	188.3	189.1	175.7							
Fontanelle	7T231	YGVT3	RR2	P250	187.3	101	18.5	5	902	184.1	194.6	199.1	175.1							
NuTech	3T-310B VT3	YGVT3	RR2	C250	187.1	101	19.0	3	895	190.2	189.6	181.0	185.7							
DEKALB	DKC61-69 (VT3)	YGVT3	RR2	P250	186.6	101	18.3	5	901	194.0	188.2	192.2	174.8							
Kruger	6413VT3	YGVT3	RR2	CEP	186.6	101	18.5	6	899	186.5	182.9	179.8	199.5							
Renze	1399VT3	YGVT3	RR2	P250	186.5	101	19.7	6	885	183.8	187.3	187.8	187.1							
Trisler	T-7N53VT3	YGVT3	RR2	P250	185.7	100	20.1	3	875	196.7	191.0	188.9	167.5							
AgSource	3T-710 VT3	YGVT3	RR2	P250	185.6	100	18.7	7	889	181.3	194.5	204.1	163.6							
Rainbow	X1107VT3	YGVT3	RR2	P250	185.6	100	18.2	10	896	180.8	186.4	194.7	179.7							
Trisler	T-7A01VT3	YGVT3	RR2	P250	185.3	100	21.0	6	865	185.0	191.3	194.8	173.1							
Renze	1328VT3	YGVT3	RR2	P250	185.0	100	19.0	2	886	193.9	181.8	192.2	168.9							
Epley	E1654 VT3	YGVT3	RR2	CEP	184.6	100	20.3	4	870	192.8	184.1	192.8	170.9							
Renze	5X347HXT/LL	HXX	LL	P250	184.5	100	20.4	6	869	186.6	173.3	189.9	185.8							
Merschman	M-912E-10	YGVT	RR2	P250	184.5	100	20.3	4	869	190.9	184.2	191.5	172.5							
NuTech	3T-912A VT3	YGVT3	RR2	P250	183.9	99	20.4	5	866	187.0	175.1	192.8	180.0							

continued—

Table 17. Central-east district, 2008 district and single-location means. Full-season test, 109–114 day RM (continued).

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Ames	Hubbard	Keystone	Clarence							
Circle	6111TS	YGPL	RR2	CEP	183.7	99	20.7	9	861	174.5	196.9	192.0	173.5							
Merschman	M-711E-10	YGV	RR2	P250	183.5	99	18.0	7	886	168.5	193.7	208.1	162.6							
Rainbow	3129YGCB	YGCB			183.4	99	18.9	6	877	200.2	196.0	201.0	136.7							
Trisler	T-6N52PL	YGPL	RR2	P250	181.5	98	17.8	5	877	179.6	188.4	191.4	165.7							
NuTech	3P-708B RR/YGPL	YGPL	RR2	P250	181.3	98	19.8	8	852	189.7	218.5	183.7	128.1							
Renze	1379VT3	YGV	RR2	P250	181.1	98	21.1	5	845	174.5	189.2	185.5	178.0							
Merschman	M-512C-10	YGV	RR2	P250	181.0	98	20.0	8	856	185.4	187.3	190.7	163.6							
Renk	RK844VT3	YGV	RR2	P250	180.5	98	19.1	7	861	181.2	183.2	192.8	164.0							
Kruger	7010YG+	YGPL		CEP	180.2	97	17.9	5	872	188.1	187.5	189.0	159.1							
NuTech	0A-716			P250	179.3	97	24.7	8	792	186.3	187.1	210.7	131.3							
Trisler	T-7A14CB	YGCB		P250	179.2	97	19.0	2	858	190.3	183.4	200.0	146.2							
G2 Genetics (NuTech)	5H-911 RR/HX		LL,RR2	P250	178.7	97	18.5	7	858	197.1	195.8	190.1	127.4							
G2 Genetics (NuTech)	3A-513 RR		RR2	P250	178.6	97	19.1	2	852	202.9	184.1	185.1	142.2							
Merschman	M-612D-10	YGV	RR2	P250	178.5	97	19.3	3	853	185.2	176.8	196.0	157.8							
Kruger	6412VT3	YGV	RR2	CEP	178.2	96	20.9	8	834	178.5	172.2	191.2	171.9							
DEKALB	DKC61-19 (VT3)	YGV	RR2	P250	178.1	96	18.7	14	854	181.1	178.9	192.4	162.9							
Kruger	6212TS	YGPL	RR2	CEP	177.8	96	20.4	2	836	176.0	183.1	179.7	172.6							
Miller	M71-79H		LL	P250	175.2	95	20.1	3	828	186.7	171.3	179.8	165.6							
Circle	8112HX		LL	CEP	173.5	94	20.1	10	819	195.7	165.1	199.5	136.4							
DEKALB	DKC62-99 (RR2/YGCB)	YGV	RR2	P250	173.0	94	19.1	5	825	186.4	176.3	193.8	135.3							
Rainbow	3142YGCB	YGCB			172.4	93	19.3	4	819	194.8	182.2	193.3	115.9							
Farm Advantage	5711		LL	CEP	171.8	93	20.6	11	805	190.3	180.6	172.0	141.3							
Miller	X6546			CEP	170.6	92	19.0	3	816	175.3	172.3	168.2	167.3							
Cornelius	C729RR		RR2	P250	169.0	91	19.7	5	799	189.5	180.2	182.7	127.3							
Rainbow	X1147RRBT	YGCB	RR2	P250	168.3	91	20.8	6	787	185.3	162.1	189.9	132.8							
G2 Genetics (NuTech)	1H-715 HX/LL		LL	P250	155.7	84	23.1	5	705	162.0	157.2	193.3	111.1							
Experiment Mean					184.9		20.0	5	874	188.8	188.3	193.8	169.4							
Minimum Mean					155.7		17.8	1	705	162.0	157.2	168.2	111.1							
Maximum Mean					200.5		24.7	14	956	212.1	218.5	216.4	210.6							
LSD(0.25)					10.1		0.6			8.9	11.3	9.9	14.0							
Coefficient of Variability					6.2					5.7	7.3	6.2	10.1							

Table 18. Southwest district, 2008 district and single-location means. Early-season test, 107–112 day RM.

Brand	GMO Traits										District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Malvern	Corning	Winterset	Indianola							
Lewis	910CB/RR	CB	RR2	P250	214.0	108	19.7	1	1019	171.2	235.4	233.9								
Mycogen	2T699	YGVt3	RR2	CEP	207.5	104	20.8	3	976	194.5	213.1	229.0								
Merschman	M-911C-10	YGVt	RR2	P250	206.3	104	20.3	1	978	167.2	219.1	227.8								
DEKALB	DKC61-19 (VT3)	YGVt3	RR2	P250	205.6	103	19.4	2	984	170.2	234.0	214.4								
Kruger	6210TS	YGPL	RR2	CEP	205.4	103	19.5	1	982	165.4	232.8	220.3								
Crow's	5269VT3	YGVt3	RR2	CEP	204.8	103	21.7	1	956	171.9	224.0	218.6								
Midwest Seed Genetics	76865VT3	YGVt3	RR2	CEP	204.5	103	19.9	0	976	161.7	226.1	224.3								
Circle	8112HX	HX1	LL	CEP	204.4	103	21.6	3	953	178.7	216.7	220.3								
Four Star	7860HXRRLL	HX1	LL,RR2	C250	204.3	103	22.2	7	942	173.4	227.2	218.8								
Trisler	T-6N52PL	YGPL	RR2	P250	204.2	103	19.3	0	977	178.0	230.0	210.9								
Kruger	6411VT3	YGVt3	RR2	CEP	204.0	102	19.7	1	972	171.9	226.4	216.0								
Renze	5X347HXT/LL	HXX	LL	P250	203.2	102	21.5	3	950	170.2	229.0	209.2								
LG Seeds	LG2548			P250	202.8	102	18.5	1	979	173.6	219.4	220.3								
Lewis	810VT3	YGVt3	RR2	P250	201.8	101	19.9	1	959	170.0	217.3	220.1								
Mycogen	2W705	HXX	LL,RR2	CEP	201.2	101	22.1	1	939	142.6	242.9	209.3								
Four Star	6875VT3	YGVt3	RR2	C250	201.1	101	19.3	1	964	166.2	233.6	203.4								
Crow's	4799VT3	YGVt3	RR2	CEP	201.0	101	20.0	0	956	157.7	229.3	211.5								
Four Star	6863VT3	YGVt3	RR2	C250	200.7	101	20.4	3	947	165.2	208.4	224.7								
DEKALB	RX674VT3	YGVt3	RR2	P250	200.6	101	19.4	1	960	160.0	218.5	220.7								
Merschman	M-909C-3	YGCB	RR2	P250	200.1	101	20.6	2	945	173.3	221.2	209.3								
LG Seeds	LG2555VT3	YGVt3	RR2	P250	199.8	100	20.4	2	945	167.5	209.8	221.6								
LG Seeds	LG2552VT3	YGVt3	RR2	P250	199.3	100	20.5	0	942	167.6	213.4	219.8								
DEKALB	DKC61-69 (VT3)	YGVt3	RR2	P250	199.2	100	18.9	0	958	161.3	233.0	205.9								
DEKALB	DKC62-29 (VT3)	YGVt3	RR2	P250	198.4	100	20.3	1	941	164.5	220.0	215.1								
Renze	1328VT3	YGVt3	RR2	P250	198.1	100	20.6	1	938	154.4	225.8	209.6								
Kruger	6412VT3	YGVt3	RR2	CEP	197.4	99	21.1	1	929	152.4	229.3	209.7								
Four Star	6862VT3	YGVt3	RR2	C250	197.2	99	20.6	3	931	159.1	214.6	217.8								
Trisler	T-7N51VT3	YGVt3	RR2	P250	197.2	99	20.1	0	937	163.7	231.0	197.8								
Circle	6111TS	YGPL	RR2	CEP	197.2	99	20.6	3	931	162.8	210.6	218.7								
Merschman	M-612D-10	YGVt	RR2	P250	197.1	99	19.9	0	939	152.3	214.8	219.3								
G2 Genetics (NuTech)	5H-911 RR/HX	HX1	LL,RR2	P250	196.5	99	19.1	1	942	165.9	208.6	213.8								
Premium	P254			P250	196.3	99	21.4	3	920	149.9	232.4	203.4								
Kruger	7010YG+	YGPL	RR2	CEP	195.5	98	19.1	1	939	156.9	216.0	210.3								
DEKALB	DKC57-43 (VTRR2)	YGVt3	RR2	P250	195.2	98	18.2	4	946	164.4	216.5	203.3								
Trisler	T-7A14CB	YGCB	RR2	P250	194.7	98	20.1	0	925	159.3	221.0	203.2								
Farm Advantage	87A09	CBRW	LL	CEP	193.8	97	20.3	2	920	149.9	228.1	205.2								
Four Star	9956VT3	YGVt3	RR2	P250	193.3	97	20.8	2	910	153.7	211.3	212.0								
Merschman	M-711E-10	YGVt	RR2	P250	193.1	97	19.4	4	920	160.3	206.9	205.1								
Kruger	6212TS	YGPL	RR2	CEP	192.9	97	21.3	0	906	149.4	220.9	205.4								

Table 18. Southwest district, 2008 district and single-location means. Early-season test, 107–112 day RM (continued).

Brand	GMO Traits					District Means					Single-Location Yield				
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Malvern	Corning	Winterset	Indianola		
Midwest Seed Genetics	78135VT3	YGV T3	RR2	CEP	191.6	96	21.1	2	900	165.6	205.8	210.1			
DEKALB	DKC62-99 (RR2/YGCB)	YGV T3	RR2	P250	191.6	96	20.2	1	909	150.3	218.9	205.4			
G2 Genetics (NuTech)	5H-212 RR/HX	HX1	LL,RR2	P250	191.0	96	21.4	1	892	166.9	217.8	195.9			
Trisler	T-7A01VT3	YGV T3	RR2	P250	189.4	95	21.2	2	888	161.1	209.5	200.7			
Kruger	6011TS	YG PL	RR2	CEP	187.4	94	19.6	0	895	152.4	208.0	201.8			
Experiment Mean					199.1		20.3	2	943	163.9	220.3	213.3			
Minimum Mean					187.4		18.2	0	888	142.6	205.8	195.9			
Maximum Mean					214.0		22.2	7	1019	194.5	242.9	233.9			
LSD(0.25)					7.9		0.8			9.1	10.7	11.1			
Coefficient of Variability					5.6					6.8	5.9	6.3			

Table 19. Southwest district, 2008 district and single-location means. Full-season test, >110 day RM.

Brand	GMO Traits										District Means							Single-Location Yield			
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Malvern	Corning	Winterset	Indianola								
LG Seeds	LG2620VT3	YGV73	RR2	P250	204.8	108	22.0	0	951	163.7	237.5	212.9									
DEKALB	DKC63-42 (VT3)	YGV73	RR2	P250	202.5	107	20.8	0	952	157.5	236.2	210.3									
G2 Genetics (NuTech)	1H-716 HX/LL	HX1	LL	P250	202.4	107	24.3	1	914	153.1	249.8	205.0									
Rainbow	X1157				202.1	107	23.8	1	915	162.5	250.2	195.1									
Circle	6114VT3	YGV73	RR2	CEP	201.9	107	21.4	1	945	155.2	236.1	209.6									
LG Seeds	LG2641VT3	YGV73	RR2	P250	201.1	106	21.8	1	937	151.8	239.0	212.7									
Mycogen	2T789	HXX	LLRR2	CEP	200.0	106	23.1	2	913	161.5	221.2	214.2									
Kruger	6213VT3	YGV73	RR2	CEP	199.7	106	21.0	0	941	159.8	225.0	212.8									
Circle	6517TS	YGPL	RR2	CEP	199.0	105	23.5	0	903	166.4	219.8	215.1									
Renze	1499VT3	YGV73	RR2	P250	198.9	105	24.2	0	898	153.8	235.9	208.9									
LG Seeds	LG2642VT3	YGV73	RR2	P250	198.7	105	23.1	0	909	157.4	226.8	212.3									
Lewis	914VT3	YGV73	RR2	P250	197.3	104	20.5	0	931	164.7	226.2	202.0									
Renze	1399VT3	YGV73	RR2	P250	197.2	104	21.8	2	919	151.8	230.3	208.7									
Merschman	M-314A-10	YGV73	RR2	P250	197.0	104	23.9	2	893	159.4	228.1	206.3									
Mycogen	x29783	YGPL	RR2	CEP	196.7	104	21.4	2	916	161.3	218.7	208.7									
Four Star	6881VT3	YGV73	RR2	C250	196.2	104	23.5	2	895	161.3	229.2	198.3									
Kruger	2115RR/YGCB	YGCB	RR	CEP	196.0	104	21.2	1	917	166.8	217.7	204.6									
Farm Advantage	86X13	HXX	LL	CEP	195.2	103	21.3	4	916	160.4	228.4	198.1									
Renze	7409RR2		RR2	P250	195.0	103	22.0	1	903	154.9	230.1	204.6									
Rainbow	3158YGCB	YGCB			194.3	103	23.7	4	879	156.2	217.4	208.8									
Merschman	M-512C-10	YGV73	RR2	P250	194.0	103	21.1	1	913	153.7	230.4	196.3									
Merschman	M-913C-10	YGV73	RR2	P250	192.8	102	21.4	5	901	155.4	218.4	202.4									
Circle	6013VT3	YGV73	RR2	CEP	192.4	102	22.2	0	893	153.8	215.6	207.6									
Crow's	5304VT3	YGV73	RR2	CEP	192.4	102	20.5	0	909	159.9	225.1	192.7									
Circle	9414RR/HXT	HXX	LLRR2	CEP	192.2	102	23.1	2	882	157.3	227.5	193.6									
Merschman	M-912E-10	YGV73	RR2	P250	192.2	102	20.2	2	910	155.5	227.3	190.1									
Mycogen	2Y737	HXX	LL	CEP	192.0	101	22.1	2	888	156.5	228.8	191.9									
Midwest Seed Genetics	8040VT3	YGV73	RR2	CEP	191.1	101	20.6	1	902	160.2	229.4	186.5									
DEKALB	DKC64-24 (VT3)	YGV73	RR2	P250	190.9	101	19.7	0	909	150.4	219.1	203.1									
Trisler	T-8A02VT3	YGV73	RR2	P250	189.9	100	21.9	0	879	169.2	221.8	180.6									
DEKALB	DKC65-44 (VT3)	YGV73	RR2	P250	188.6	100	21.5	2	882	149.9	210.0	198.9									
Fontanelle	8B467	YGCB		P250	188.6	100	21.8	1	879	153.5	219.9	190.0									
Rainbow	3142YGCB	YGCB			188.1	99	20.2	0	894	140.0	223.3	202.1									
Trisler	T-8N51RRCB	YGCB	RR2	P250	187.5	99	20.4	1	888	144.4	209.5	205.7									
Four Star	6861VT3	YGV73	RR2	C250	187.4	99	18.5	5	908	155.0	223.4	183.6									
Kruger	5116YGCB	YGV73	RR2	CEP	187.1	99	21.3	0	875	152.7	221.4	185.8									
G2 Genetics (NuTech)	1H-715 HX/LL	HX1	LL	P250	187.0	99	23.0	6	858	151.6	221.5	187.5									
Kruger	8616HX	HX1	LL	CEP	185.9	98	22.3	1	860	148.7	228.8	178.0									
Fontanelle	8T416	YGV73	RR2	P250	184.5	98	20.7	1	871	147.7	210.1	191.4									
Mycogen	2M750	HXX	LLRR2	CEP	183.8	97	22.2	0	849	156.4	209.0	184.7									
Renze	1379VT3	YGV73	RR2	P250	181.9	96	21.3	2	850	151.9	207.6	187.0									
Rainbow	X1147RRBT	YGV73	RR2	P250	179.4	95	21.9	3	834	139.3	209.9	192.3									
DEKALB	RX785VT3	YGV73	RR2	P250	178.7	94	19.2	0	857	151.0	235.1	145.8									
Kruger	6413VT3	YGV73	RR2	CEP	176.9	94	19.4	1	847	143.8	218.6	170.3									
Public	BSKRL(H)/C3/B116				161.8	86	22.0	7	758	121.7	193.9	0.0									

Table 19. Southwest district, 2008 district and single-location means. Full-season test, >110 day RM (continued).

Brand	Entry	GMO Traits				District Means				Single-Location Yield			
		Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Malvern	Corning	Winterset	Indianola
Public	BS31(R)C2/B116				155.1	82	20.5	8	731	131.8	189.6	148.5	
Public	BS13(H)C4/B116				148.9	79	21.4	2	702	117.5	172.2	158.7	
Public	BSCB1(R)C16/B116				133.8	71	20.1	4	635	101.2	146.6	168.3	
Experiment Mean					189.2		21.6	2	881	152.3	220.8	195.2	
Minimum Mean					133.8		18.5	0	635	101.2	146.6	145.8	
Maximum Mean					204.8		24.3	8	952	169.2	250.2	215.1	
LSD(0.25)					9.1		0.9			8.9	10.1	10.2	
Coefficient of Variability					5.5					7.1	5.6	6.4	

Table 20. Southeast district, 2008 district and single-location means. Early-season test, 107–112 day RM.

Brand	GMO Traits										District Means					Single-Location Yield			
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Winterset	Indiana	Cedar	Winfield	Indiana		Cedar	Winfield		
														Indiana	Winfield				
DEKALB	DKC61-69 (VT3)	YGVT3	RR2	P250	223.5	109	16.4	2	1102	216.4	199.2	250.6							
Four Star	6863VT3	YGVT3	RR2	C250	221.6	108	17.3	6	1081	224.2	190.3	247.5							
LG Seeds	LG2555VT3	YGVT3	RR2	P250	220.0	107	17.4	3	1072	221.8	203.6	233.8							
Kruger	6210TS	YGPL	RR2	CEP	216.2	105	17.4	2	1055	207.2	185.6	256.9							
Merschman	M-909C-3	YGCB	RR2	P250	216.0	105	17.4	2	1053	208.2	189.5	251.0							
Midwest Seed Genetics	76996VT3	YGVT3	RR2	CEP	215.6	105	17.1	1	1054	212.0	189.6	245.0							
AgSource	3T-310A VT3	YGVT3	RR2	C250	215.5	105	16.3	3	1063	207.8	188.0	250.1							
LG Seeds	LG2552VT3	YGVT3	RR2	P250	215.5	105	17.2	2	1053	214.2	199.2	231.8							
Merschman	M-911C-10	YGVT	RR2	P250	215.3	105	17.4	5	1050	217.6	203.5	225.9							
Renze	5X347HXT/LL	HXX	LL	P250	214.7	105	18.2	3	1038	197.7	209.5	241.1							
NuTech	3P-708 RR/YGPL	YGPL	RR2	P250	213.9	104	18.1	3	1035	213.2	183.2	246.0							
AgSource	3P-708A RR/YGPL	YGPL	RR2	P250	213.2	104	18.0	2	1033	214.4	191.5	232.4							
Kruger	6411VT3	YGVT3	RR2	CEP	213.1	104	16.7	2	1047	210.5	177.4	252.5							
NuTech	3T-110 VT3	YGVT3	RR2	P250	213.0	104	17.6	6	1037	215.4	184.6	240.5							
Miller	M69-71BR	CBRW	LL	CEP	212.7	104	18.6	1	1022	220.3	179.4	238.6							
Cornelius	C547RRPL	YGPL	RR2	P250	212.1	103	16.2	7	1047	201.1	187.7	248.4							
DEKALB	6V674VT3	YGVT3	RR2	P250	212.0	103	16.8	1	1042	204.5	187.4	244.5							
Fontanelle	7N771	YGCB	RR2	P250	211.7	103	18.0	2	1025	206.9	181.2	245.3							
DEKALB	DKC62-29 (VT3)	YGVT3	RR2	P250	211.6	103	17.3	3	1032	212.3	184.7	243.2							
Cornelius	C649VT3	YGVT3	RR2	P250	210.9	103	16.2	1	1043	205.7	185.5	242.9							
Four Star	7860HXRRLL	HX1	LL,RR2	C250	210.6	103	18.8	7	1011	206.6	189.1	238.4							
Four Star	6875VT3	YGVT3	RR2	C250	210.2	103	16.3	2	1037	203.0	186.6	241.1							
Crow's	4688VT3	YGVT3	RR2	CEP	209.5	102	16.5	3	1032	207.7	189.6	234.9							
Miller	M67-37BR	CBRW	LL	CEP	209.0	102	17.7	4	1015	204.6	200.7	226.3							
Circle	8112HX	HX1	LL	CEP	208.5	102	18.0	7	1010	206.2	170.8	249.2							
Kruger	6412VT3	YGVT3	RR2	CEP	208.5	102	18.1	3	1009	203.1	191.9	234.5							
NuTech	OC-413 YGCB	YGCB	RR2	P250	208.5	102	17.9	4	1011	204.6	188.5	230.2							
Crow's	4985VT3	YGVT3	RR2	CEP	208.2	102	17.9	3	1009	203.1	181.3	240.7							
G2 Genetics (NuTech)	1X-911 HXT/LL	HXX	LL	P250	208.0	101	17.4	1	1014	198.0	192.3	230.5							
Mycogen	2H697	YGVT3	RR2	CEP	207.5	101	16.3	2	1024	196.9	186.2	241.6							
Lewis	810VT3	YGVT3	RR2	P250	207.4	101	16.8	1	1017	205.9	182.4	231.4							
AgSource	3C-408 RR/YGCB	YGCB	RR2	P250	207.4	101	17.5	2	1009	202.7	173.0	242.8							
Rainbow	X1116HX	HX1	LL	P250	207.3	101	17.0	7	1015	204.2	196.0	221.9							
Mycogen	2W705	HXX	LL,RR2	CEP	206.8	101	18.4	1	997	203.0	192.5	223.3							
Midwest Seed Genetics	79504VT3	YGVT3	RR2	CEP	206.7	101	17.8	1	1004	207.8	187.5	228.7							
Fontanelle	7T231	YGVT3	RR2	P250	206.4	101	16.5	3	1017	209.0	173.5	241.0							
DEKALB	DKC61-19 (VT3)	YGVT3	RR2	P250	205.8	100	16.5	3	1013	211.1	176.2	233.0							
Trisler	T-6N51PLRR	YGPL	RR2	P250	205.1	100	17.3	4	1000	208.3	174.0	230.8							
Trisler	T-7N51VT3	YGVT3	RR2	P250	204.8	100	16.6	1	1008	188.8	180.8	242.8							
DEKALB	DKC62-99 (RR2/YGCB)	YGVT3	RR2	P250	204.4	100	17.4	2	997	206.6	180.5	227.2							
Trisler	T-7A01VT3	YGVT3	RR2	P250	203.9	99	18.0	4	988	203.2	183.2	225.2							
Trisler	T-7N53VT3	YGVT3	RR2	P250	202.8	99	17.4	1	989	202.3	175.8	230.3							
Kruger	7010YG+	YGPL	RR2	CEP	202.7	99	16.6	1	997	200.6	170.8	237.8							
DEKALB	DKC57-43 (VTRR2)	YGVT3	RR2	P250	201.8	98	16.0	5	1000	199.5	171.4	231.5							
Merschman	M-808E-2	YGVT	RR	P250	201.8	98	16.7	1	991	198.7	172.3	233.7							
G2 Genetics (NuTech)	5H-911 RR/HX	HX1	LL,RR2	P250	201.1	98	16.8	4	987	199.0	174.0	234.3							
AgSource	3T-710 VT3	YGVT3	RR2	P250	201.0	98	16.9	5	985	201.1	169.9	233.2							
NuTech	3T-012 VT3	YGVT3	RR2	P250	200.6	98	17.0	4	983	198.7	176.7	226.7							

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Table 20. Southeast district, 2008 district and single-location means. Early-season test, 107–112 day RM (continued).

Brand	GMO Traits										District Means					Single-Location Yield			
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Winterset	Indianola	Cedar	Winfield						
Lewis	912CB	CB		P250	199.5	97	17.2	0	975	192.7	177.6	225.5							
Four Star	9956VT3	YGVVT3	RR2	P250	199.5	97	17.4	2	973	200.4	169.4	226.9							
NuTech	3T-310VT3	YGVVT3	RR2	C250	199.2	97	16.4	1	982	199.8	173.0	228.9							
NuTech	3T-912A VT3	YGVVT3	RR2	P250	199.0	97	17.8	3	966	203.7	172.0	222.5							
AgSource	5X-512 RR/HXT	HXX	LL,RR2	P250	198.4	97	18.7	4	955	192.2	169.5	228.6							
Kruger	6011TS	YGPL	RR2	CEP	198.2	97	17.3	1	967	198.8	168.6	227.8							
Four Star	6862VT3	YGVVT3	RR2	C250	198.0	97	17.0	3	970	196.6	173.7	220.0							
G2 Genetics (NuTech)	5H-212 RR/HX	HX1	LL,RR2	P250	198.0	97	18.0	2	958	199.4	157.2	234.5							
Farm Advantage	87A09	CBRW	LL	CEP	197.0	96	16.8	3	967	200.0	169.0	221.0							
Circle	6111TS	YGPL	RR2	CEP	196.7	96	18.1	5	952	199.2	168.8	222.6							
Merschman	M-806B-10	YGVVT	RR2	P250	195.7	95	16.5	1	965	183.6	179.1	226.0							
Merschman	M-711E-10	YGVVT	RR2	P250	195.6	95	16.2	7	968	188.8	182.5	218.5							
LG Seeds	LG2605VT3	YGVVT3	RR2	P250	195.2	95	17.7	5	950	195.9	168.4	222.6							
Kruger	6212TS	YGPL	RR2	CEP	194.7	95	17.6	0	948	196.2	166.7	222.9							
Cornelius	C729RR	RR2	RR2	P250	194.0	95	17.8	2	942	187.9	168.5	223.3							
Farm Advantage	5711	HX1	LL	CEP	191.6	93	17.8	3	929	191.4	165.8	218.2							
Rainbow	X1107VT3	YGVVT3	RR2		191.4	93	16.4	12	944	196.2	165.6	212.1							
Public	BSCB1(R)C16/B116				125.7	61	17.3	5	614	133.3	121.0	126.7							
Experiment Mean					205.0		17.3	3	1001	202.6	180.4	232.4							
Minimum Mean					125.7		16.0	0	614	133.3	121.0	126.7							
Maximum Mean					223.5		18.8	12	1102	224.2	209.5	256.9							
LSD(0.25)					7.6		0.3			8.9	13.7	10.8							
Coefficient of Variability					5.9					5.3	9.2	5.7							

Table 21. Southeast district, 2008 district and single-location means. Full-season test, >110 day RM.

Brand	GMO Traits										District Means					Single-Location Yield			
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Winterset	Indiana	Cedar	Winfield	District Means		Single-Location Yield			
														Moisture %	Lodging %	AGV \$	Winterset	Indiana	Cedar
G2 Genetics (NuTech)	1H-716 HX/LL	HX1	LL	P250	224.7	107	21.8	1	1038	219.3	208.8	250.4							
Rainbow	X1157				224.6	107	20.7	1	1055	209.2	215.8	248.9							
Trisler	T-8N52PLRR	YGPL	RR2	P250	224.6	107	17.8	1	1091	204.4	213.2	257.0							
DEKALB	DKC64-24 (VT3)	YGV3	RR2	P250	223.4	107	18.2	1	1080	202.2	212.9	256.2							
Miller	X7945B	CB	LL	CEP	223.2	107	21.3	0	1039	205.6	217.0	245.2							
Circle	6517TS	YGPL	RR2	CEP	219.7	105	20.2	3	1038	208.8	224.0	228.1							
Miller	M79-72B	CB	LL	P250	219.4	105	19.9	2	1040	211.6	214.2	228.5							
Circle	6114VT3	YGV3	RR2	CEP	217.7	104	19.1	1	1043	199.1	211.1	244.6							
Four Star	6881VT3	YGV3	RR2	C250	217.4	104	21.3	4	1015	202.9	209.8	240.6							
LG Seeds	LG2641VT3	YGV3	RR2	P250	217.1	104	19.4	2	1035	198.5	217.4	236.7							
LG Seeds	LG2642VT3	YGV3	RR2	P250	216.1	103	20.3	5	1020	201.0	217.5	229.2							
Miller	X7880				216.0	103	20.9	0	1012	198.1	198.9	251.0							
Kruger	6213VT3	YGV3	RR2	CEP	214.8	103	18.3	0	1038	211.3	197.7	235.5							
LG Seeds	LG2620VT3	YGV3	RR2	P250	214.0	102	19.4	1	1021	196.5	208.0	239.8							
NuTech	1B-516 CB/LL	CB	LL	P250	213.8	102	20.3	5	1007	206.9	209.3	221.2							
Mycogen	x29783	YGPL	RR2	CEP	213.7	102	18.9	0	1027	197.2	202.5	243.0							
Kruger	5116YGCB	YGCB	RR2	CEP	213.7	102	19.2	1	1022	195.4	211.5	232.9							
Renze	1379VT3	YGV3	RR2	P250	213.5	102	19.1	2	1021	208.9	192.8	238.6							
AgSource	3T-415 VT3	YGV3	RR2	P250	213.4	102	20.8	3	1001	197.8	214.2	233.4							
Circle	6013VT3	YGV3	RR2	CEP	213.3	102	20.0	3	1011	197.6	207.5	232.6							
Four Star	6861VT3	YGV3	RR2	C250	212.9	102	16.9	4	1044	189.6	225.7	224.5							
Lewis	914VT3	YGV3	RR2	P250	212.9	102	18.2	1	1029	208.2	201.9	227.9							
Rainbow	3158YGCB	YGCB	RR2	P250	212.9	102	20.6	3	1000	206.8	207.1	225.6							
Renze	1399VT3	YGV3	RR2	P250	212.8	102	18.6	2	1022	209.4	196.5	232.4							
NuTech	3T-315 VT3	YGV3	RR2	P250	212.7	102	20.5	1	1003	193.2	202.3	246.6							
Trisler	T-8A02VT3	YGV3	RR2	P250	212.6	102	19.3	1	1015	198.6	199.5	237.4							
Trisler	T-8N51RRCB	YGCB	RR2	P250	212.5	102	18.6	1	1022	208.4	200.3	227.8							
DEKALB	DKC63-42 (VT3)	YGV3	RR2	P250	212.3	101	18.6	1	1022	207.1	197.6	231.1							
Merschman	M-612D-10	YGV3	RR2	P250	212.2	101	17.7	1	1033	201.8	208.0	228.7							
Rainbow	3129YGCB	YGCB	RR2	P250	212.0	101	17.7	2	1031	198.3	203.4	235.1							
DEKALB	DKC65-44 (VT3)	YGV3	RR2	P250	211.2	101	19.1	1	1012	190.3	208.3	237.5							
Mycogen	21789	HXX	LL,RR2	CEP	211.0	101	20.3	3	996	189.9	213.1	229.4							
Merschman	M-314A-10	YGV3	RR2	P250	210.7	101	21.0	8	985	203.8	213.1	218.2							
Fontanelle	8B467	YGCB	RR2	P250	210.4	101	19.0	1	1010	192.6	204.3	233.0							
AgSource	0C-213 YGCB	YGCB	RR2	C250	210.3	101	19.7	2	1001	192.2	193.6	240.2							
Kruger	2115RR/YGCB	YGCB	RR	CEP	210.1	100	19.2	0	1004	195.1	202.5	233.6							
Kruger	8616HX	HX1	LL	CEP	209.5	100	18.8	1	994	201.3	199.9	228.8							
Merschman	M-512C-10	YGV3	RR2	P250	209.2	100	18.5	3	1007	199.9	190.5	232.8							
Renze	7409RR2	RR2	RR2	P250	208.1	100	19.7	0	988	206.0	194.0	225.7							
Circle	9414RR/HXT	HXX	LL,RR2	CEP	207.9	99	20.3	4	983	188.7	212.4	224.0							
Merschman	M-912E-10	YGV3	RR2	P250	207.6	99	18.5	1	1001	197.7	196.9	227.1							
Mycogen	2Y737	HXX	LL	CEP	206.9	99	19.6	2	985	190.7	204.8	229.2							
Rainbow	3142YGCB	YGCB	RR2	P250	206.7	99	17.8	1	1003	199.0	201.4	219.7							
Midwest Seed Genetics	80404VT3	YGV3	RR2	CEP	205.4	98	18.3	2	990	196.9	194.5	226.3							
Merschman	M-913C-10	YGV3	RR2	P250	205.0	98	18.7	4	986	191.6	202.1	224.7							
Fontanelle	8T416	YGV3	RR2	P250	204.8	98	18.4	1	989	190.9	196.2	227.9							
Miller	M77-80HT	HXX	LL	P250	204.6	98	21.4	3	954	182.5	186.5	240.7							
G2 Genetics (NuTech)	3A-513 RR	RR2	RR2	P250	204.3	98	17.4	7	997	199.4	201.2	212.8							

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Table 21. Southeast district, 2008 district and single-location means. Full-season test, >110 day RM (continued).

Brand	GMO Traits										District Means							Single-Location Yield			
	Entry	Insect	Weed	IST	Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Winterset	Indianola	Cedar	Winfield	Indianola		Cedar					
														Yield Bu/Acre	Yield % of Mean	Moisture %	Lodging %	AGV \$	Winterset	Indianola	Cedar
Renze	1499VT3	YGVT3	RR2	P250	202.5	97	20.1	0	958	194.3	194.2	217.4									
G2 Genetics (NuTech)	1H-715 HX/LL	HX1	LL	P250	202.4	97	20.1	5	958	188.2	199.8	222.0									
Crow's	5304VT3	YGVT3	RR2	CEP	201.6	96	18.2	1	974	183.6	199.1	224.1									
Rainbow	X1147RRBT	YGCB	RR2	P250	200.9	96	19.3	4	959	186.1	189.8	224.6									
DEKALB	RX785VT3	YGVT3	RR2	P250	200.5	96	17.3	1	982	148.4	212.8	237.6									
Mycogen	2M750	HXX	LL,RR2	CEP	200.0	96	19.4	1	955	179.9	194.3	222.0									
Farm Advantage	86X13	HXX	LL	CEP	198.3	95	18.8	4	954	170.9	190.0	233.0									
NuTech	3C-414 RR/YGCB	YGCB	RR2	C250	193.0	92	20.9	11	906	164.9	193.7	220.5									
Kruger	6413VT3	YGVT3	RR2	CEP	190.1	91	17.3	1	930	158.8	184.2	225.3									
Public	BSKRL(H)C3/B116				168.6	81	19.1	6	810	138.8	179.1	187.9									
Public	BS13(H)C4/B116				163.3	78	18.8	7	784	155.8	165.7	163.5									
Experiment Mean					209.2		19.3	2	999	194.4	202.6	230.5									
Minimum Mean					163.3		16.9	0	784	138.8	165.7	163.5									
Maximum Mean					224.7		21.8	11	1091	219.3	225.7	257.0									
LSD(0.25)					9.2		0.7			9.6	9.6	10.4									
Coefficient of Variability					5.2					6.0	5.8	5.5									

Table 22: Origin and descriptive data for 2008 entries.

Hybrid	GMO Traits				District						Hybrid	GMO Traits				District					
	RM	Insect	Weed	IST	NW	NE	CW	CE	SW	SE		RM	Insect	Weed	IST	NW	NE	CW	CE	SW	SE
AgSource										Cornelius											
<i>AgSource Seeds, Nevada, IA (www.yieldleader.com, 515.382.8880)</i>										<i>Cornelius Seed, Bellevue, IA (www.corneliusseed.com, 563.672.2463)</i>											
0C-213 YGCB	113	YGCB		C250			x		x		C333HXLL	101	HX1	LL	P250		x				
0C-404B YGCB	104	YGCB		P250	x						C333XTLL	101	HXX	LL	CEP	x					
1N-909 CB/LL/RW	109	CBRW	LL	C250		x					C339RWRR	102	YGRW	RR2	P250	x	x				
1X-606 HXT/LL	103	HXX	LL	C250		x					C447VT3	104	YGVT3	RR2	P250	x	x	x			
1X-606A HXT/LL	105	HXX	LL	C250			x				C454XTLL	105	HXX	LL	P250		x			x	
3C-300A RR/YGCB	100	YGCB	RR2	P250		x					C466XTLL	105	HXX	LL	P250	x					
3C-408 RR/YGCB	109	YGCB	RR2	P250	x		x	x		x	C547RRPL	107	YGPL	RR2	P250	x	x	x	x		x
3P-507A RR/YGPL	107	YGPL	RR2	P250				x			C587VT3	109	YGVT3	RR2	P250			x	x		
3P-708A RR/YGPL	109	YGPL	RR2	P250	x	x	x	x		x	C591	110			CEP			x			
3T-009 VT3	109	YGVT3	RR2	C250					x		C649VT3	111	YGVT3	RR2	P250				x		x
3T-098B VT3	98	YGVT3	RR2	C250	x						C659XTLL	112	HXX	LL	P250			x	x		
3T-101+ VT3	101	YGVT3	RR2	P250		x					C729RR	112		RR2	P250			x	x		x
3T-208 VT3	108	YGVT3	RR2	P250						x	Crow's										
3T-209 VT3	109	YGVT3	RR2	P250			x				<i>Crow's Hybrid Corn Co., Kentland, IN (www.crowshybrid.com, 800.331.7201)</i>										
3T-302 VT3	102	YGVT3	RR2	C250	x						1928R	99		RR2	CEP		x				
3T-303 VT3	103	YGVT3	RR2	C250	x	x					2123VT3	101	YGVT3	RR2	CEP	x					
3T-310A VT3	109	YGVT3	RR2	C250	x	x				x	2155VT3	102	YGVT3	RR2	CEP	x	x				
3T-311A VT3	111	YGVT3	RR2	P250			x				4305VT3	107	YGVT3	RR2	CEP	x				x	
3T-409 VT3	109	YGVT3	RR2	P250	x	x	x				4354VT3	107	YGVT3	RR2	CEP		x	x			
3T-415 VT3	114	YGVT3	RR2	P250				x		x	4688VT3	109	YGVT3	RR2	CEP			x			x
3T-500A VT3	100	YGVT3	RR2	P250	x						4799VT3	109	YGVT3	RR2	CEP	x	x		x	x	
3T-510 VT3	109	YGVT3	RR2	P250		x		x			4985VT3	112	YGVT3	RR2	CEP			x			x
3T-710 VT3	110	YGVT3	RR2	P250			x	x		x	5269VT3	112	YGVT3	RR2	CEP				x	x	
3T-809 VT3	109	YGVT3	RR2	P250	x						5304VT3	114	YGVT3	RR2	CEP					x	x
3U-113 VTRR	113	YGVT	RR2	P250					x		DEKALB										
5B-103 GT/CB/LL	103	CB	GT, LL	P250	x						<i>Monsanto, St. Louis, MO (www.dekalb.com, 800.768.6387)</i>										
5N-504 GT/CB/LL/RW	103	CBRW	GT, LL	P250		x					DKC46-60 (VT3)	96	YGVT3	RR2	P250	x	x				
5N-898 GT/CB/LL/RW	98	CBRW	GT, LL	P250	x	x					DKC49-32 (VT3)	99	YGVT3	RR2	P250	x	x				
5X-512 RR/HXT	112	HXX	LL,RR2	P250			x	x		x	DKC50-44 (VT3)	100	YGVT3	RR2	P250	x	x				
Circle										DKC52-59 (VT3)	102	YGVT3	RR2	P250	x	x					
<i>Circle Seed Co., Dike, IA (319.989.2414)</i>										DKC53-17 (VT3)	103	YGVT3	RR2	P250	x	x					
3300RR/HX	100	HX1	LL,RR2	CEP	x	x					DKC54-49 (VT3)	104	YGVT3	RR2	P250	x	x	x	x		
6006VT3	106	YGVT3	RR2	CEP	x	x	x	x			DKC55-24 (VT3)	105	YGVT3	RR2	P250	x	x	x	x		
6008VT3	108	YGVT3	RR2	CEP	x	x	x	x			DKC57-43 (VTRR2)	107	YGVT3	RR2	P250	x	x	x	x	x	x
6013VT3	113	YGVT3	RR2	CEP			x	x	x	x	DKC61-19 (VT3)	111	YGVT3	RR2	P250	x	x	x	x	x	x
6107VT3	107	YGVT3	RR2	CEP	x	x	x	x			DKC61-69 (VT3)	111	YGVT3	RR2	P250	x	x	x	x	x	x
6111TS	111	YGPL	RR2	CEP			x	x	x	x	DKC62-29 (VT3)	112	YGVT3	RR2	P250				x	x	x
6114VT3	114	YGVT3	RR2	CEP			x	x	x	x	DKC62-99 (RR2/YGCB)	112	YGVT3	RR2	P250				x	x	x
6208VT3	108	YGVT3	RR2	CEP	x	x	x	x			DKC63-42 (VT3)	113	YGVT3	RR2	P250				x	x	x
6400TS	100	YGPL	RR2	CEP	x	x					DKC64-24 (VT3)	114	YGVT3	RR2	P250				x	x	x
6517TS	117	YGPL	RR2	CEP					x	x	DKC65-44 (VT3)	115	YGVT3	RR2	P250					x	x
8112HX	112	HX1	LL	CEP			x	x	x	x	RX674VT3	109	YGVT3	RR2	P250				x	x	x
8502HX	102	HX1	LL	CEP	x	x					RX785VT3	113	YGVT3	RR2	P250					x	x
9414RR/HXT	114	HXX	LL,RR2	CEP			x	x	x	x											

Table 22: Origin and descriptive data for 2008 entries (continued).

Hybrid	GMO Traits				District						Hybrid	GMO Traits				District					
	RM	Insect	Weed	IST	NW	NE	CW	CE	SW	SE		RM	Insect	Weed	IST	NW	NE	CW	CE	SW	SE
Epley <i>Epley Bros. Hybrids, Shell Rock, IA</i> <i>(800.728.6293)</i>										G2 Genetics (NuTech) <i>NuTech Seed, Forest City, IA</i> <i>(www.yieldleader.com, 800.942.6748)</i>											
E1244 VT3	96	YGVT3	RR2	CEP	x	x					1H-005 HX/LL	105	HX1	LL	P250	x	x	x	x		
E1254 VT3	98	YGVT3	RR2	CEP	x	x					1H-715 HX/LL	114	HX1	LL	P250			x	x	x	x
E1412 VT3	103	YGVT3	RR2	CEP	x	x					1H-716 HX/LL	116	HX1	LL	P250					x	x
E1454 VT3	104	YGVT3	RR2	CEP	x	x					1X-911 HXT/LL	109	HXX	LL	P250	x		x	x	x	x
E1474 VT3	104	YGVT3	RR2	CEP	x	x					3A-513 RR	113		RR2	P250				x		x
E1584 VT3	108	YGVT3	RR2	CEP	x	x			x		5H-212 RR/HX	112	HX1	LL,RR2	P250			x		x	x
E1644 VT3	109	YGVT3	RR2	CEP	x	x			x		5H-501 RR/HX	101	HX1	LL,RR2	P250			x			
E1654 VT3	109	YGVT3	RR2	CEP	x	x			x		5H-506 RR/HX	106	HX1	LL,RR2	P250	x	x	x	x		
E1814 VT3	110	YGVT3	RR2	CEP	x	x			x		5H-508 RR/HX	108	HX1	LL,RR2	P250	x	x	x	x		
E2307HX TLL	105	HXX	LL	CEP	x	x			x		5H-702 RR/HX	102	HX1	LL,RR2	P250			x			
											5H-906 RR/HX	106	HX1	LL,RR2	P250			x			
											5H-911 RR/HX	111	HX1	LL,RR2	P250			x	x	x	x
Farm Advantage <i>Farm Advantage, Belmond, IA</i> <i>(www.farmadvantage.com, 641.444.3344)</i>										Jung <i>Jung Seed Genetics, Randolph, WI</i> <i>(www.jungseedgenetics.com, 800.242.1855)</i>											
1018	101			CEP	x	x					7454VT3	98	YGVT3	RR2	P250	x	x				
1098	109			CEP	x	x					7475VT3	100	YGVT3	RR2	P250	x	x				
5711	111	HX1	LL	CEP				x	x		7482VT3	100	YGVT3	RR2	P250	x	x				
86X06	106	HXX	LL	CEP	x		x				7514VT3	102	YGVT3	RR2	P250	x	x				
86X13	113	HXX	LL	CEP			x		x	x											
87A03	103	CBRW	LL	CEP	x	x															
87A09	109	CBRW	LL	CEP			x	x	x	x											
87A99GL	99	GT3K	GT, LL	CEP	x																
87X04	104	HXX	LL	CEP	x	x	x	x													
Fontanelle <i>Fontanelle Hybrids, Fremont, NE</i> <i>(www.fontanelle.com, 402.721.8567)</i>										Kaltenberg <i>Kaltenberg Seeds, Waunakee, WI</i> <i>(www.kaltenbergseeds.com, 800.383.3276)</i>											
5T128	100	YGVT3	RR2	P250	x						K4433VT3		YGVT3	RR2	P250			x			
5T429	102			P250		x					K5163VT3	103	YGVT3	RR2	P250			x			
6K510	106	YGPL	RR2	P250	x						K5823VT3	106	YGVT3	RR2	P250			x			
6R884	104		RR2	P250	x	x					K6165RRHXT		HXX	LL,RR2	P250			x			
7N771	110	YGCB	RR2	P250				x	x	x	K6355RRLLBtHX	109	HX1	LL,RR2	P250			x			
7T231	110	YGVT3	RR2	P250				x	x		K6648LLBt11		BT11	LL	P250			x			
8B467	113	YGCB		P250						x	x										
8T416	113	YGVT3	RR2	P250						x	x										
Four Star <i>Four Star Seed Co., Logan, IA</i> <i>(www.4starseed.com, 712.644.1400)</i>										Kruger <i>Kruger Seed Co., Dike, IA</i> <i>(www.krugerseed.com, 800.772.2721)</i>											
6820VT3	100	YGVT3	RR2	C250	x						1401RR	102		RR	CEP						
6825VT3	103	YGVT3	RR2	C250	x						2115RR/YGCB	115	YGCB	RR	CEP					x	x
6844VT3	108	YGVT3	RR2	C250	x		x				5116YGCB	116	YGCB	RR2	CEP					x	x
6861VT3	110	YGVT3	RR2	C250						x	6007TS	107	YGPL	RR2	CEP	x	x	x	x		
6862VT3	109	YGVT3	RR2	C250	x		x		x	x	6011TS	109	YGPL	RR2	CEP			x	x	x	x
6863VT3	109	YGVT3	RR2	C250	x		x		x	x	6097VT3	97	YGVT3	RR2	CEP	x	x				
6875VT3	110	YGVT3	RR2	C250		x		x	x		6102VT3	102	YGVT3	RR2	CEP	x	x				
6881VT3	113	YGVT3	RR2	C250		x		x	x		6210TS	109	YGPL	RR2	CEP				x	x	x
7860HXRRLL	112	HX1	LL,RR2	C250		x		x	x		6212TS	112	YGPL	RR2	CEP			x	x	x	x
8824HXTRRLL	102	HXX	LL,RR2	C250	x		x				6213VT3	113	YGVT3	RR2	CEP			x	x	x	x
8843HXTRRLL	108	HXX	LL,RR2	C250	x		x				6298VT3	98	YGVT3	RR2	CEP	x	x				
9956VT3	109	YGVT3	RR2	P250	x		x		x	x	6401VT3	101	YGVT3	RR2	CEP	x	x				
											6411VT3	111	YGVT3	RR2	CEP			x	x	x	x
											6412VT3	112	YGVT3	RR2	CEP			x	x	x	x
											6413VT3	113	YGVT3	RR2	CEP			x	x	x	x
											6499VT3	99	YGVT3	RR2	CEP	x	x				
											6503TS	105	YGPL	RR2	CEP	x	x	x	x		
											6606VT3	106	YGVT3	RR2	CEP	x	x	x	x		
											6697VT3	96	YGVT3	RR2	CEP	x	x				
											7010YG+	110	YGPL		CEP			x	x	x	x
											8106HX	106	HX1	LL	CEP	x	x	x	x		
											8616HX	116	HX1	LL	CEP					x	x

Table 22: Origin and descriptive data for 2008 entries (continued).

Hybrid	GMO Traits				District					Hybrid	GMO Traits				District					
	RM	Insect	Weed	IST	NW	NE	CW	CE	SW		SE	RM	Insect	Weed	IST	NW	NE	CW	CE	SW
Lewis										Miller										
<i>Lewis Hybrids, Ursa, IL</i>										<i>Miller Hybrid, Inc., Iowa City, IA</i>										
<i>(www.lewishybrids.com, 800.252.7851)</i>										<i>(www.millerhybrids.com, 319.683.4682)</i>										
810VT3	110	YGVT3	RR2	P250					x	x	M43-43HT	101	HXX	LL	P250	x				
910CB/RR	110	CB	RR2	P250					x		M45-41H	102	HX1	LL	P250	x				
912CB	112	CB		P250						x	M50-69BG	103	CB	GT	CEP	x				
914VT3	114	YGVT3	RR2	P250					x	x	M52-56G	104		GT		x				
LG Seeds										M77-80HT										
<i>LG Seeds, Elmwood, IL</i>										<i>M79-72B</i>										
<i>(www.lgseeds.com, 309.742.2211)</i>										<i>X4773</i>										
LG2548	110			P250						x	M63-62B	109	CB	LL	P250	x				
LG2552VT3	110	YGVT3	RR2	P250					x	x	M63-62BR	109	CBRW	LL	CEP				x	
LG2555VT3	110	YGVT3	RR2	P250					x	x	M64-61BR	110	CBRW	LL	CEP				x	
LG2605VT3	112	YGVT3	RR2	P250						x	M67-37BR	111	CBRW	LL	CEP					x
LG2620VT3	113	YGVT3	RR2	P250					x	x	M69-71BR	111	CBRW	LL	CEP				x	x
LG2641VT3	114	YGVT3	RR2	P250					x	x	M71-79H	112	HX1	LL	P250				x	
LG2642VT3	114	YGVT3	RR2	P250					x	x	M76-14BR	113	CBRW	LL	CEP				x	
Merschman										M77-80HT										
<i>Merschman Seeds, Inc., West Point, IA</i>										<i>M79-72B</i>										
<i>(www.merschmanseeds.com, 319.837.6111)</i>										<i>X4773</i>										
M-314A-10	113	YGVT	RR2	P250						x	X5916HT	108	HXX	LL	CEP				x	
M-508C-10	108	YGVT	RR2	P250						x	X5931	104	HX1	LL	CEP	x				
M-512C-10	112	YGVT	RR2	P250					x	x	X6546	110			CEP				x	x
M-612D-10	112	YGVT	RR2	P250					x	x	X7880	114			CEP					x
M-711E-10	111	YGVT	RR2	P250					x	x	X7945B	115	CB	LL	CEP					x
M-804C-10	104	YGVT	RR2	P250					x		Mycogen									
M-806B-10	106	YGVT	RR2	P250					x	x	<i>Mycogen Seeds, Indianapolis, IN</i>									
M-808E-2	108	YGVT	RR	P250					x	x	<i>(www.mycogen.com, 800.692.6436)</i>									
M-909C-3	109	YGCB	RR2	P250					x	x	2D519	101	YGVT3	RR2	CEP	x	x			
M-911C-10	110	YGVT	RR2	P250					x	x	2G611	106	YGVT3	RR2	CEP	x	x			
M-912E-10	112	YGVT	RR2	P250					x	x	2H697	110	YGVT3	RR2	CEP				x	x
M-913C-10	113	YGVT	RR2	P250					x	x	2M495	99	YGVT3	RR2	CEP	x	x			
Midwest Seed Genetics										2M750										
<i>Midwest Seed Genetics, Inc., Carroll, IA</i>										<i>2P535</i>										
<i>(www.midwestseed.com, 800.369.8218)</i>										<i>2T699</i>										
70006R	99		RR2	CEP	x						2T789	114	HXX	LL,RR2	CEP			x		x
70505VT3	101	YGVT3	RR2	CEP		x					2W586	105	HXX	LL	CEP	x	x	x	x	
72116VT3	102	YGVT3	RR2	CEP	x	x					2W705	111	HXX	LL,RR2	CEP			x	x	x
76425VT3	107	YGVT3	RR2	CEP		x	x				2Y737	113	HXX	LL	CEP				x	x
76485VT3	107	YGVT3	RR2	CEP	x					x	x27613	110	HXX	LL	CEP				x	x
76865VT3	109	YGVT3	RR2	CEP						x	x28632	108	HXX	LL	CEP	x	x	x	x	
76996VT3	109	YGVT3	RR2	CEP	x	x	x			x	x29783	113	YGPL	RR2	CEP			x	x	x
78135VT3	112	YGVT3	RR2	CEP						x										
79504VT3	112	YGVT3	RR2	CEP						x										
80404VT3	114	YGVT3	RR2	CEP						x										

Table 22: Origin and descriptive data for 2008 entries (continued).

Hybrid	GMO Traits				District					Hybrid	GMO Traits				District						
	RM	Insect	Weed	IST	NW	NE	CW	CE	SW		SE	RM	Insect	Weed	IST	NW	NE	CW	CE	SW	SE
NuTech <i>NuTech Seed, Forest City, IA</i> <i>(www.yieldleader.com, 800.942.6748)</i>										Rainbow <i>Rainbow Seed, Oskaloosa, IA</i> <i>(www.rainbowseeds.com, 800.373.9401)</i>											
0A-716	114			P250				x			3035YGCB	103	YGCB		x	x					
0C-404 YGCB	103	YGCB		P250	x	x					3105YGCB	110	YGCB		x	x	x				
0C-404A YGCB	104	YGCB		P250			x				3129YGCB	113	YGCB			x	x			x	
0C-413 YGCB	112	YGCB		P250			x			x	3142YGCB	114	YGCB			x	x	x	x	x	
1B-516 CB/LL	116	CB	LL	P250						x	3158YGCB	115	YGCB				x	x	x	x	
1H-803 HX/LL	103	HX1	LL	C250	x	x					X1078	107			x	x		x			
3A-403 RR	103		RR2	C250	x						X1107VT3	110	YGVT3	RR2			x	x		x	
3C-300 RR/YGCB	100	YGCB	RR2	P250	x						X1116HX	111	HX1	LL			x	x		x	
3C-414 RR/YGCB	114	YGCB	RR2	C250						x	X1147RRBT	114	YGCB	RR2			x	x	x	x	
3P-302 RR/YGPL	102	YGPL	RR2	C250	x	x					X1157	115							x	x	
3P-507 RR/YGPL	107	YGPL	RR2	P250						x											
3P-708 RR/YGPL	109	YGPL	RR2	P250	x	x	x	x		x											
3P-708B RR/YGPL	110	YGPL	RR2	P250						x											
3P-808 RR/YGPL	108	YGPL	RR2	C250	x	x															
3T-012 VT3	112	YGVT3	RR2	P250			x			x											
3T-098 VT3	98	YGVT3	RR2	C250		x										x					
3T-109 VT3	109	YGVT3	RR2	P250	x		x														
3T-110 VT3	109	YGVT3	RR2	P250	x	x	x			x											
3T-110A VT3	110	YGVT3	RR2	P250						x											
3T-310 VT3	109	YGVT3	RR2	C250	x	x	x	x		x											
3T-310B VT3	110	YGVT3	RR2	C250			x	x													
3T-311 VT3	111	YGVT3	RR2	P250						x											
3T-315 VT3	114	YGVT3	RR2	P250			x			x											
3T-500 VT3	100	YGVT3	RR2	P250		x															
3T-514 VT3	114	YGVT3	RR2	P250			x														
3T-808 VT3	108	YGVT3	RR2	C250	x	x	x	x													
3T-912 VT3	109	YGVT3	RR2	P250		x				x											
3T-912A VT3	112	YGVT3	RR2	P250			x	x		x											
3W-403 RR/YGRW	103	YGRW	RR2	P250		x															
5H-201 RR/HX	101	HX1	LL,RR2	P250	x																
5X-008 RR/HXT	108	HXX	LL,RR2	P250						x											
Pioneer <i>Pioneer Hi-Bred, Int'l., Johnston, IA</i> <i>(www.pioneer.com)</i>										Renk <i>Renk Seed Co., Sun Prairie, WI</i> <i>(www.renkseed.com, 608.837.7351)</i>											
36Y86	103	HXX	LL,RR2		x						RK575VT3	99	YGVT3	RR2	P250		x				
Premium <i>Premium Seed, Inc., Berwick, IL</i> <i>(seedquest.net/premiumseed/, 800.345.7798)</i>										Renze <i>Renze Hybrids, Inc., Carroll, IA</i> <i>(www.renzehybrids.com, 800.634.2676)</i>											
P246	109									x	1328VT3	110	YGVT3	RR2	P250			x	x	x	
P254	112									x	1379VT3	113	YGVT3	RR2	P250			x	x	x	x
Public <i>Iowa State University, Committee for Agricultural Development,</i> <i>Ames, IA</i> <i>(www.ag.iastate.edu/centers/cad, 515.292.3497)</i>										1399VT3 114 YGVT3 RR2 P250 x x x x 1499VT3 117 YGVT3 RR2 P250 x x x x											
BS13(HI)C4/B116	112									x	1499VT3	117	YGVT3	RR2	P250					x	x
BS31(R)C2/B116	112									x	5X146HXT/LL	101	HXX	LL	P250	x					
BSCB1(R)C16/B116	112									x	5X239HXT/LL	105	HXX	LL	P250	x		x	x		
BSKRL(HI)C3/B116	112									x	5X268HXT/LL	107	HXX	LL	P250	x		x	x		
										x	5X347HXT/LL	111	HXX	LL	P250			x	x	x	x
										x	7409RR2	114		RR2	P250			x		x	x
										x	8199YGCB	104	YGCB		P250	x		x	x		

Table 22: Origin and descriptive data for 2008 entries (continued).

Hybrid	GMO Traits				District					
	RM	Insect	Weed	IST	NW	NE	CW	CE	SW	SE
Trisler										
<i>Trisler Seeds, Inc., Fairmount, IL (www.trisler.com, 217.288.9301)</i>										
T-1J31VT3	96	YGVT3	RR2	P250	x					
T-1S61VT3	97	YGVT3	RR2	P250	x					
T-2J31VT3	99	YGVT3	RR2	P250		x				
T-2J32VT3	99	YGVT3	RR2	P250		x				
T-2S61PLRR	100	YGPL	RR2	P250	x					
T-2S62VT3	100	YGVT3	RR2	P250		x				
T-4S61VT3	106	YGVT3	RR2	P250	x	x	x			
T-5A01VT3	107	YGVT3	RR2	P250		x		x		
T-5N51VT3	108	YGVT3	RR2	P250	x		x	x		
T-5N52VT3	108	YGVT3	RR2	P250				x		
T-6A01PLRR	109	YGPL	RR2	P250				x		
T-6A02VT3	109	YGVT3	RR2	P250		x	x			
T-6N51PLRR	110	YGPL	RR2	P250			x			x
T-6N52PL	110	YGPL		P250				x	x	
T-7A01VT3	111	YGVT3	RR2	P250				x	x	x
T-7A14CB	111	YGCB		P250				x	x	
T-7N51VT3	112	YGVT3	RR2	P250			x		x	x
T-7N53VT3	112	YGVT3	RR2	P250				x		x
T-7N54VT3	112	YGVT3	RR2	P250			x			
T-7N88VT3	112	YGVT3	RR2	P250				x		
T-8A02VT3	113	YGVT3	RR2	P250			x		x	x
T-8N51RRCB	114	YGCB	RR2	P250					x	x
T-8N52PLRR	114	YGPL	RR2	P250						x
Viking										
<i>Albert Lea Seed, Albert Lea, MN (www.alseed.com, 800.352.5248)</i>										
6919VT3	102	YGVT3	RR2	CEP	x					
7809VT3	97	YGVT3	RR2	CEP		x				
BR5806	105	YGCB	RR2	CEP	x	x				
D43-06	106	YGCB		CEP		x				
HXT5878	105	HXX	LL	P250	x	x				
LB6938	103	CB	LL	CEP	x					
P64-00RL	100	HXX	LL,RR2	CEP		x				
W86-00L	100	CB	LL	CEP		x				
X52-04RL	103	CB	GT, LL	CEP	x					