

## Corn Grain

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The Minnesota Corn Hybrid Evaluation Program is conducted by the University of Minnesota Agricultural Experiment Station to provide corn growers with unbiased information for choosing hybrids to buy and grow. The program is financed in part by entry fees from private seed companies that chose to enter their hybrids for testing.

### Test Locations

Test zones, locations and maturities are:

#### Southern Zone:

Lamberton, Waseca and Rochester  
*Early Maturity Trial* – 103 Relative Maturity (RM) and earlier hybrids  
*Late Maturity Trial* – 104 RM and later hybrids

#### Central Zone:

Morris and Rosemount  
*Early Maturity Trial* – 96 RM and earlier hybrids  
*Late Maturity Trial* – 97 RM and later hybrids

#### Northern Zone:

Staples, Rothsay and Crookston

### Testing Procedure

**Entries:** Seed corn companies choose their entries for each zone. Entries in each trial were based on the relative maturity (RM) provided by the company. The University of Minnesota Corn Testing Committee could also choose and enter hybrids in each test. All locations tested three replications for each entry.

### Data Presentation

Yields are given for individual locations along with yields and harvest moisture contents averaged across locations for 2008. Reported yields are adjusted to 15.5% grain mois-

ture. Hybrids are ranked within a maturity group by moisture content averaged across locations for 2008.

### Identification of Traits

Genetic modifications of hybrids are identified using generic terms to describe the trait without identifying the specific event for genetic modification.

For example, Bt will identify genetic modification for corn borer resistance but will not differentiate between the Bt 11 event, the YieldGuard corn borer event or the Herculex corn borer event.

Identifiers will be:

Bt = European corn borer resistance  
CRW = Corn rootworm resistance  
GLY = glyphosate herbicide resistance  
LL = Liberty herbicide resistance

### Companies participating in the 2008 hybrid corn grain trials.

AgriGold Hybrids	<a href="http://www.agrigold.com">www.agrigold.com</a>
Crows Hybrid Corn Co.	<a href="http://www.crowshybrid.com">www.crowshybrid.com</a>
Dahlman Seed Co.	<a href="http://www.dahlmanseed.com">www.dahlmanseed.com</a>
Dairyland Seed Co., Inc.	<a href="http://www.dairylandseed.com">www.dairylandseed.com</a>
Dekalb	<a href="http://www.dekalb.com">www.dekalb.com</a> , <a href="http://www.asgrow.com">www.asgrow.com</a>
Farm Advantage	<a href="http://www.farmadvantage.com">www.farmadvantage.com</a>
G2 Genetics	<a href="http://www.yieldleader.com">www.yieldleader.com</a>
Gold Country Seed Inc.	<a href="http://www.goldcountryseed.com">www.goldcountryseed.com</a>
Hyland Seeds	<a href="http://www.hylandseeds.com">www.hylandseeds.com</a>
Jung Seed Genetics Inc.	<a href="http://www.jungseedgenetics.com">www.jungseedgenetics.com</a>
Kaltenberg Seeds	<a href="http://www.kaltenbergseeds.com">www.kaltenbergseeds.com</a>
Kruger Seed Co.	<a href="http://www.krugerseed.com">www.krugerseed.com</a>
Legacy Seeds Inc.	<a href="http://www.legacyseeds.com">www.legacyseeds.com</a>
Midwest Seed Genetics	<a href="http://www.midwestseed.com">www.midwestseed.com</a>
Mycogen Seeds	<a href="http://www.dowagro.com/mycogen">www.dowagro.com/mycogen</a>
NuTech Seed	<a href="http://www.nutechseed.com">www.nutechseed.com</a>
Peterson Farms Seed	<a href="http://www.petersonfarmsseed.com">www.petersonfarmsseed.com</a>
Pioneer Hi-Bred International, Inc.	<a href="http://www.pioneer.com/usa/">www.pioneer.com/usa/</a>
Proseed Inc.	<a href="http://www.proseed.net">www.proseed.net</a>
Renk Seed Co.	<a href="http://www.renkseed.com">www.renkseed.com</a>
Seeds 2000	<a href="http://www.seeds2000.net">www.seeds2000.net</a>
Terning Seeds	<a href="http://www.terningseeds.com">www.terningseeds.com</a>
Viking Hybrids (Albert Lea Seed House)	<a href="http://www.alseed.com">www.alseed.com</a>
Wensman Seed Co.	<a href="http://www.wensmanseed.com">www.wensmanseed.com</a>

### Least Significant Difference

The LSD (Least Significant Difference) figures at the bottom of the yield columns in the tables are statistical measures of variability in the trials. These values may be used to determine whether the difference between any two hybrids is likely to be a real difference or just natural variation.

If the yield difference between two hybrids is equal to or greater than the LSD, then one can be confident that the two hybrids probably differ in yield potential. We show LSD values with a 0.2 alpha level, which means that when two hybrids differ in yield by the LSD value or more, one can be 80% confident that the two hybrids differ in yield potential. The higher-yielding one is the better hybrid from the yield standpoint. If the yield difference between two hybrids is less than the LSD, the two hybrids probably do not differ significantly in yield potential.

**Table 1. Individual trial information, 2008.**

Location	Cooperators	Previous Crop	Planting Date	Harvest Dates
Lamberton	Steve Quiring	Soybean	15 May	29 October
Waseca	Tom Hoverstad	Soybean	2 May	27 October
Rochester	Fritz Brietenbach	Soybean	6 May	3 November
Morris	George Nelson	Soybean	15 May	29 October
Rosemount	Jerry Holz	Soybean	8 May	11 November
Staples	Bob Scheaffer	Corn	16 May	11 November
Rothsay	George Nelson, Troy Larson	Wheat	17 May	24 November
Crookston	Mark Hanson	Wheat	8 May	20 November

### Corn Planting Rate and Date

Bushel Weight, Pounds.....56  
 Planting Rate, Seeds/Acre.....33,000  
 Planting Date..... April 15 – May 5

### Early maturity hybrids, southern locations, 2008.

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Yield Across Locations	
				Waseca	Rochester	Lamberton	Bu/Acre	% Moisture
<b>97 and earlier RM hybrids</b>								
Kruger	K-6093VT3	GLY Bt CRW	93	201	173	159	178	15.5
Viking	A71-96R	GLY	96	218	169	173	187	15.7
Renk	RK501YGCB	Bt	95	197	180	170	182	15.8
Kruger	K-6697VT3	GLY Bt CRW	97	190	178	140	170	15.9
Kruger	K-6097VT3	GLY Bt CRW	97	218	219	155	197	15.9
Anderson	756VT3	GLY Bt CRW	95	204	151	161	172	16.0
Dahlman	R48-07 VT3	GLY Bt CRW	95	215	191	175	194	16.2
Kruger	K-6094VT3	GLY Bt CRW	94	204	195	167	189	16.3
Gold Country	96-08 VT3	GLY Bt CRW	96	224	216	191	210	16.3
Kruger	K-1295RR	GLY	95	200	184	160	181	16.3
Midwest Seed Genetics	69575VT3	GLY Bt CRW	95	218	184	166	189	16.4
NuTech	1N-398 CB/LL/RW	LL Bt CRW	97	192	203	163	186	16.5
Gold Country	94-04 VT3	GLY Bt CRW	94	192	198	166	186	16.5
Anderson	756R	GLY	95	213	169	166	183	16.6
NuTech	3T-098A VT3	GLY Bt CRW	96	210	164	166	180	16.6
Dahlman	R48-25 VT3	GLY Bt CRW	95	196	167	167	177	16.7
Dekalb	DKC46-60	GLY Bt CRW	96	202	189	159	183	16.7
NuTech	3T-995 VT3	GLY Bt CRW	95	205	177	172	185	16.7
NuTech	3A-098 RR	GLY	96	210	185	182	193	16.8
Crows	1725VT3	GLY Bt CRW	95	209	218	162	196	16.8
Jung	7426 VT3	GLY Bt CRW	96	205	227	186	206	17.0
NuTech	3C-300 RR/YGCB	GLY Bt	97	210	183	179	191	17.0
G2 Genetics	5H-298 RR/HX	GLY LL Bt	97	206	215	178	200	17.0
Wensman	W 7267 VT3	GLY Bt CRW	97	212	170	202	195	17.2
NuTech	3T-096A VT3	GLY Bt CRW	95	192	162	155	170	17.4
NuTech	3T-098 VT3	GLY Bt CRW	95	204	169	170	181	17.5
NuTech	3P-400 RR/YGPL	GLY Bt CRW	97	209	146	163	173	17.9
NuTech	5H-599 RR/HX	GLY LL Bt	97	201	210	201	204	18.0
NuTech	5N-898 GT/CB/LL/RW	GLY LL Bt CRW	97	215	193	158	189	18.3
NuTech	3T-500 VT3	GLY Bt CRW	97	208	208	179	198	18.4
NuTech	5H-597 RR/HX	GLY LL Bt	96	251	214	160	208	19.0
<b>97 and earlier RM averages:</b>				<b>208</b>	<b>187</b>	<b>169</b>	<b>188</b>	<b>16.8</b>

**Early maturity hybrids, southern locations, 2008 (continued).**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Yield Across Locations	
				Waseca	Rochester	Lamberton	Bu/Acre	% Moisture
<b>98 to 101 RM hybrids</b>								
Dekalb	DKC49-32	GLY Bt CRW	99	201	166	166	178	16.0
Dairyland	ST-9799	GLY Bt CRW	99	212	203	147	188	16.2
Kaltenberg	K4433VT3	GLY Bt CRW	100	207	183	148	179	16.2
Gold Country	100-07 VT3	GLY Bt CRW	100	215	206	167	196	16.2
Jung	7482 VT3	GLY Bt CRW	100	203	186	153	180	16.3
Jung	7454 VT3	GLY Bt CRW	98	210	178	174	187	16.4
Kruger	K-6298VT3	GLY Bt CRW	98	216	209	176	200	16.4
Kruger	K-1500RR	GLY	99	222	206	147	192	16.4
Kruger	K-6400TS	GLY Bt CRW	100	215	167	155	179	16.7
Kaltenberg	K4263VT3	GLY Bt CRW	98	189	179	142	170	16.9
Kruger	K-6499VT3	GLY Bt CRW	99	215	210	179	201	17.0
Dekalb	DKC48-37	GLY Bt CRW	98	197	190	182	189	17.0
Anderson	6043		98	214	179	176	190	17.1
AgriGold	A6225VT3	GLY Bt CRW	98	233	211	160	202	17.1
Gold Country	98-10 VT3	GLY Bt CRW	98	195	182	177	185	17.1
Wensman	W 7289 VT3	GLY Bt CRW	99	217	171	167	185	17.1
Midwest Seed Genetics	70006R	GLY	99	220	169	166	185	17.4
Viking	7809 VT3	GLY Bt CRW	98	212	172	168	184	17.4
Crows	1928R	GLY	99	216	187	164	189	17.5
Wensman	W 7273 VT3	GLY Bt CRW	98	188	198	179	188	17.5
Dekalb	DKC50-19	GLY Bt CRW	100	218	219	182	206	17.6
Pioneer	37Y14	GLY LL Bt CRW	99	196	185	150	177	17.6
Renk	RK616VT3	GLY Bt CRW	101	198	194	163	185	17.6
Farm Advantage	87A99GL	GLY LL Bt CRW	99	229	184	166	193	17.6
Renk	RK584CBLL	LL Bt	99	206	205	167	193	17.6
Viking	W86-00L	LL Bt	100	212	213	157	194	17.6
Viking	W66-98L	LL	98	234	213	173	206	17.7
Anderson	603R	GLY	98	196	192	168	185	17.8
Dahlman	R49-28 VT3	GLY Bt CRW	98	204	168	179	184	17.8
AgriGold	A6279VT3	GLY Bt CRW	101	232	170	183	195	18.1
Dekalb	DKC50-44	GLY Bt CRW	100	238	181	182	200	18.2
NuTech	3T-101+ VT3	GLY Bt CRW	101	206	162	147	172	18.4
Crows	2123VT3	GLY Bt CRW	101	203	196	183	194	18.5
G2 Genetics	5H-501 RR/HX	GLY LL Bt	101	222	183	170	192	18.7
G2 Genetics	5H-702 RR/HX	GLY LL Bt	101	219	209	208	212	19.0
NuTech	3T-500A VT3	GLY Bt CRW	100	216	205	181	201	19.0
Viking	60-01N		101	238	220	158	206	19.1
Jung	7475 VT3	GLY Bt CRW	100	236	216	189	213	19.2
Kruger	K-6401VT3	GLY Bt CRW	101	240	225	173	212	19.2
Kruger	K-3300RR/HX	GLY Bt	100	256	195	171	207	19.4
NuTech	1X-201 HXT/LL	LL Bt CRW	101	232	197	151	193	19.5
NuTech	5X-201+ HXT/RR	GLY LL Bt CRW	101	238	182	173	198	19.8
NuTech	3P-302 RR/YGPL	GLY Bt CRW	101	240	200	177	206	19.8
Farm Advantage	87X00	LL Bt CRW	100	252	191	184	209	20.0
<b>98 to 101 RM averages:</b>				<b>217</b>	<b>192</b>	<b>169</b>	<b>193</b>	<b>17.7</b>
<b>102 to 103 RM hybrids</b>								
Dekalb	DKC52-43	GLY Bt CRW	102	232	200	167	199	16.8
Kruger	K-6102VT3	GLY Bt CRW	102	209	207	174	196	17.1
Anderson	605VT3	GLY Bt CRW	102	170	197	143	170	17.5
NuTech	3W-403 RR/YGRW	GLY CRW	103	208	188	149	182	17.6
NuTech	3A-403 RR	GLY	103	212	183	167	187	17.8
Dekalb	DKC52-59	GLY Bt CRW	102	246	199	183	210	17.9
Dekalb	DKC53-17	GLY Bt CRW	103	221	165	175	187	18.2
Dairyland	ST-9902	GLY Bt	102	221	157	180	186	18.3
NuTech	1H-803 HX/LL	LL Bt	103	229	196	182	202	18.3
Gold Country	102-04 VT3	GLY Bt CRW	102	235	181	174	197	18.4
Dairyland	ST-9002	LL Bt	102	235	193	178	202	18.4
Wensman	W 7309 VT3	GLY Bt CRW	102	205	178	173	185	18.4

**Early maturity hybrids, southern locations, 2008 (continued).**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Yield Across Locations	
				Waseca	Rochester	Lamberton	Bu/Acre	% Moisture
<b>102 to 103 RM hybrids (continued)</b>								
Viking	LB6938	LL Bt	103	206	207	126	180	18.5
Renk	RK670VT3	GLY Bt CRW	102	233	201	191	208	18.5
Jung	7514 VT3	GLY Bt CRW	102	227	201	183	204	19.0
Pioneer	36V53	GLY LL Bt	102	262	221	213	232	19.1
AgriGold	A6309BtRWRR	GLY Bt CRW	103	224	204	178	202	19.6
Renk	RK686VT3	GLY Bt CRW	102	225	171	178	191	19.8
Midwest Seed Genetics	72116VT3	GLY Bt CRW	102	214	218	184	205	19.9
Wensman	W 7360 BtRWRR	GLY Bt CRW	103	230	171	176	193	20.1
NuTech	3T-303 VT3	GLY Bt CRW	103	236	229	150	205	20.2
Viking	6919 VT3	GLY Bt CRW	102	222	202	182	202	20.3
Farm Advantage	87A03	LL Bt CRW	103	254	231	177	221	20.3
NuTech	5B-103 GT/CB/LL	GLY LL Bt	103	216	231	178	208	20.3
Anderson	103VT3	GLY Bt CRW	103	222	196	190	203	20.4
NuTech	3A-804 GT	GLY	103	245	220	171	212	20.4
NuTech	3T-302 VT3	GLY Bt CRW	102	231	185	188	201	21.3
NuTech	0C-404 YGCB	Bt	103	256	185	190	210	21.8
NuTech	3C-104 RR/YGCB	GLY Bt	103	220	226	171	206	22.7
NuTech	5N-504 GT/CB/LL/RW	GLY LL Bt CRW	103	212	236	181	210	24.6
<b>102 to 103 RM averages:</b>				<b>225</b>	<b>199</b>	<b>175</b>	<b>200</b>	<b>19.4</b>
<b>Southern locations, early maturity averages:</b>				<b>217</b>	<b>193</b>	<b>171</b>	<b>193</b>	<b>17.9</b>
<b>LSD(0.20)</b>				<b>20</b>	<b>23</b>	<b>22</b>	<b>13</b>	<b>0.8</b>

**Late maturity hybrids, southern locations, 2008.**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Waseca	Rochester	Lamberton	Bu/Acre	% Moisture
<b>104 RM and later hybrids</b>								
Kruger	K-6503TS	GLY Bt CRW	103	203	188	142	178	18.1
Dekalb	DKC54-49	GLY Bt CRW	104	218	217	163	199	18.6
Renk	RK698RRYGRW	GLY CRW	104	203	214	167	195	19.0
Viking	D43-06	Bt	106	232	217	159	203	19.2
NuTech	0C-404A YGCB	Bt	104	260	224	160	215	19.3
AgriGold	A6325VT3	GLY Bt CRW	104	229	227	142	200	19.3
Anderson	105R	GLY	105	190	199	145	178	19.4
Legacy	L-5950 VT3	GLY Bt CRW	107	205	215	133	184	19.7
Dekalb	DKC55-82	GLY	105	193	217	185	198	19.9
Legacy	L-5350 CBLLGT	GLY LL Bt	104	230	222	191	215	20.0
Dairyland	ST-9005	GLY Bt CRW	105	215	232	169	205	20.1
Kaltenberg	K5232RRLLBtHX	GLY LL Bt	103	238	223	178	213	20.2
G2 Genetics	1H-005 HX/LL	LL Bt	105	237	229	173	213	20.2
Kruger	K-6606VT3	GLY Bt CRW	106	260	224	150	212	20.2
Anderson	105VT3	GLY Bt CRW	105	214	196	142	184	20.2
Dekalb	DKC57-43	GLY Bt CRW	107	220	213	143	192	20.3
Dairyland	ST-9006	GLY Bt CRW	106	241	225	161	209	20.4
Pioneer	35F40	GLY LL Bt	105	217	227	171	205	20.7
NuTech	3P-507 RR/YGPL	GLY Bt CRW	107	213	210	168	197	20.9
Renk	RK692CBLLRW	LL Bt CRW	105	221	202	154	192	20.9
Kruger	K-6006VT3	GLY Bt CRW	106	213	210	175	199	21.0
Kruger	K-6007TS	GLY Bt CRW	107	238	231	163	211	21.2
Renk	RK719VT3	GLY Bt CRW	107	197	203	140	180	21.3
Wensman	W 7433 VT3	GLY Bt CRW	105	210	239	185	211	21.3
Crows	3848VT3	GLY Bt CRW	105	248	207	172	209	21.5
G2 Genetics	5H-906 RR/HX	GLY LL Bt	106	209	203	154	188	21.5
Midwest Seed Genetics	76126VT3	GLY Bt CRW	105	227	204	149	193	21.8
Renk	RK760RRYGCB	GLY Bt	106	228	187	179	198	21.8

**Late maturity hybrids, southern locations, 2008 (continued).**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Waseca	Rochester	Lamberton	Bu/Acre	% Moisture
<b>104 RM and later hybrids (continued)</b>								
G2 Genetics	5H-506 RR/HX	GLY LL Bt	106	226	235	180	214	21.8
Farm Advantage	86X06	LL Bt CRW	106	237	213	187	212	22.1
Renk	RK770VT3	GLY Bt CRW	108	227	210	178	205	22.1
Gold Country	106-02 VT3	GLY Bt CRW	106	214	198	163	192	22.2
NuTech	3T-808 VT3	GLY Bt CRW	108	176	217	155	183	22.2
NuTech	3T-809 VT3	GLY Bt CRW	109	225	204	125	184	22.4
NuTech	3T-109 VT3	GLY Bt CRW	109	219	193	152	188	22.8
Kruger	K-6107VT3	GLY Bt CRW	107	218	220	179	206	23.0
NuTech	5X-008 RR/HXT	GLY LL Bt CRW	108	213	199	158	190	23.0
Dekalb	DKC61-69	GLY Bt CRW	111	227	218	164	203	23.1
NuTech	3T-208 VT3	GLY Bt CRW	108	177	187	165	176	23.1
Dairyland	ST-8208	LL Bt CRW	108	231	233	174	213	23.2
G2 Genetics	5H-508 RR/HX	GLY LL Bt	108	218	215	161	198	23.2
Farm Advantage	87X04	LL Bt CRW	104	221	234	165	206	23.3
NuTech	3P-708 RR/YGPL	GLY Bt CRW	108	198	212	162	191	23.4
Wensman	W 7455 VT3	GLY Bt CRW	107	243	235	195	225	23.6
NuTech	1X-606 HXT/LL	LL Bt	106	238	208	173	206	23.8
Kruger	K-6208VT3	GLY Bt CRW	108	230	215	183	209	23.8
Midwest Seed Genetics	76485 VT3	GLY Bt CRW	107	219	216	192	209	24.0
Crows	4354VT3	GLY Bt CRW	107	246	217	187	217	24.5
<b>Southern locations, late maturity averages:</b>				<b>221</b>	<b>214</b>	<b>165</b>	<b>200</b>	<b>21.4</b>
<b>LSD(0.20)</b>				<b>24</b>	<b>20</b>	<b>22</b>	<b>13</b>	<b>1.0</b>

**Early maturity hybrids, central locations, 2008.**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:		Average Across Locations	
				Morris	Rosemount	Bu/Acre	% Moisture
<b>93 and earlier RM hybrids</b>							
Farm Advantage	9890GL	GLY LL Bt	90	176	101	139	15.5
Pioneer	39D97	GLY LL Bt	79	61	119	90	16.8
Kruger	K-2090RR/YGCB	GLY Bt	90	192	152	172	17.0
Dekalb	DKC35-19	GLY Bt	85	163	112	138	17.5
Kruger	K-1490RR	GLY	90	201	149	175	17.8
Wensman	W 7107 VT3	GLY Bt CRW	90	177	138	158	17.8
Peterson Farms Seeds	82L90	GLY LL Bt	90	181	137	159	18.1
Peterson Farms Seeds	56I92	GLY Bt CRW	92	200	138	169	18.2
Wensman	W 7143 VT3	GLY Bt CRW	93	174	152	163	18.3
NuTech	3A-390A RR	GLY	90	218	151	185	18.4
Crows	1685VT3	GLY Bt CRW	92	180	165	173	18.5
Midwest Seed Genetics	69205VT3	GLY Bt CRW	92	204	157	181	18.7
NuTech	3P-494+ RR/YGPL	GLY Bt CRW	92	208	175	192	18.7
Kruger	K-6093VT3	GLY Bt CRW	93	179	172	176	18.7
Dahlman	R45-25 VT3	GLY Bt CRW	90	186	160	173	18.9
Dekalb	DKC41-60	GLY Bt CRW	91	206	160	183	18.9
Gold Country	92-03 VT3	GLY Bt CRW	92	189	143	166	18.9
Dekalb	DKC43-27	GLY Bt CRW	93	191	172	181	19.0
NuTech	3T-393A VT3	GLY Bt CRW	92	216	195	206	19.1
NuTech	3P-191 RR/YGPL	GLY Bt CRW	91	190	158	174	19.2
Jung	7344 VT3	GLY Bt CRW	91	184	172	178	19.3
NuTech	3C-393 RR/YGCB	GLY Bt	93	214	164	189	19.3
NuTech	3A-095A RR	GLY	92	200	178	189	19.6
NuTech	3T-393 VT3	GLY Bt CRW	93	207	167	187	19.6
Dekalb	DKC38-89	GLY Bt CRW	88	191	123	157	19.8
NuTech	3A-093 RR	GLY	92	186	144	165	19.9
Terning	TS Exp 9 Plus	GLY LL Bt	90	192	155	173	21.2
<b>93 RM and earlier averages:</b>				<b>188</b>	<b>152</b>	<b>170</b>	<b>18.6</b>

**Early maturity hybrids, central locations, 2008 (continued).**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:		Average Across Locations	
				Morris	Rosemount	Bu/Acre	% Moisture
<b>93 and earlier RM hybrids (continued)</b>							
NuTech	3P-494A RR/YGPL	GLY Bt CRW	94	206	152	179	17.2
Farm Advantage	9794L	LL Bt	94	182	138	160	17.3
NuTech	3T-495 VT3	GLY Bt CRW	95	183	192	188	17.8
Gold Country	94-04 VT3	GLY Bt CRW	94	179	145	162	18.1
Legacy	L-3295 VT3	GLY Bt CRW	96	180	162	171	18.5
Kruger	K-6094VT3	GLY Bt CRW	94	191	150	170	18.6
Dairyland	ST-9196	GLY Bt CRW	96	184	155	169	18.6
Terning	TS 8245 GTCBLL	GLY LL Bt	95	197	138	168	18.7
Renk	RK501YGCB	Bt	95	191	157	174	18.7
Dahlman	R48-07 VT3	GLY Bt CRW	95	189	163	176	18.8
Pioneer	38M58	GLY LL Bt	94	188	160	174	18.9
Jung	7362 VT3	GLY Bt CRW	94	183	164	173	19.0
Seeds 2000	9501 VT3	GLY Bt CRW	95	196	143	170	19.3
Kaltenberg	K4013VT3	GLY Bt CRW	94	202	150	176	19.4
NuTech	3A-095 RR	GLY	95	194	132	163	19.4
Dahlman	R48-25 VT3	GLY Bt CRW	95	202	127	165	19.6
Kruger	K-1295RR	GLY	95	220	166	193	19.6
Gold Country	96-08 VT3	GLY Bt CRW	96	218	178	198	19.7
NuTech	3T-995 VT3	GLY Bt CRW	95	195	133	164	19.7
Renk	RK570VT3	GLY Bt CRW	96	194	149	171	19.7
Jung	3385 RR	GLY	94	215	141	178	19.9
Peterson Farms Seeds	56G95	GLY Bt CRW	95	194	142	168	20.1
Peterson Farms Seeds	53Y96	GLY Bt CRW	96	161	148	155	20.1
NuTech	3T-098 VT3	GLY Bt CRW	95	215	175	195	20.1
Jung	7426 VT3	GLY Bt CRW	96	192	150	171	20.2
Legacy	L-3333 VT3	GLY Bt CRW	95	215	152	183	20.2
Crows	1725VT3	GLY Bt CRW	95	191	165	178	20.5
NuTech	3T-595 VT3	GLY Bt CRW	95	210	170	190	20.5
Midwest Seed Genetics	69575VT3	GLY Bt CRW	95	207	136	171	20.7
Dekalb	DKC46-60	GLY Bt CRW	96	186	153	170	20.8
NuTech	3A-098 RR	GLY	96	224	151	187	21.1
NuTech	3T-098A VT3	GLY Bt CRW	96	221	165	193	21.3
Proseed	896VT3	GLY Bt CRW	96	204	147	176	21.7
Farm Advantage	5795	LL Bt	95	184	144	164	21.8
NuTech	3T-096A VT3	GLY Bt CRW	95	191	157	174	21.8
NuTech	5H-597 RR/HX	GLY LL Bt	96	225	150	188	23.4
<b>94 to 96 RM averages:</b>				<b>198</b>	<b>153</b>	<b>175</b>	<b>19.7</b>
<b>Central locations, early maturity averages:</b>				<b>193</b>	<b>153</b>	<b>173</b>	<b>19.3</b>
<b>LSD(0.20)</b>				<b>20</b>	<b>27</b>	<b>16</b>	<b>0.9</b>

**Late maturity hybrids, central locations, 2008.**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:		Average Across Locations	
				Morris	Rosemount	Bu/Acre	% Moisture
<b>99 and earlier RM hybrids</b>							
Kruger	K-6697VT3	GLY Bt CRW	97	164	142	153	19.6
Proseed	897RR	GLY	97	191	99	145	19.9
Wensman	W 7273 VT3	GLY Bt CRW	98	185	153	169	20.5
Dekalb	DKC49-32	GLY Bt CRW	99	189	122	156	20.8
Kruger	K-1500RR	GLY	99	204	135	169	21.6
Midwest Seed Genetics	69805VT3	GLY Bt CRW	98	189	117	153	22.1
Dahlman	R49-28 VT3	GLY Bt CRW	98	184	154	169	22.2
NuTech	5N-898 GT/CB/LL/RW	GLY LL Bt CRW	97	190	121	156	22.2
NuTech	3T-099 VT3	GLY Bt CRW	98	196	106	151	22.3
Kruger	K-6298VT3	GLY Bt CRW	98	195	135	165	22.5
Dairyland	ST-9799	GLY Bt CRW	99	190	112	151	22.5
Kruger	K-6499VT3	GLY Bt CRW	99	219	128	174	22.6

**Late maturity hybrids, central locations, 2008 (continued).**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:		Average Across Locations	
				Morris	Rosemount	Bu/Acre	% Moisture
<b>99 and earlier RM hybrids (continued)</b>							
Seeds 2000	9901 VT3	GLY Bt CRW	99	187	115	151	22.6
Kruger	K-6097VT3	GLY Bt CRW	97	198	116	157	22.7
Farm Advantage	87A99GL	GLY LL Bt CRW	99	190	144	167	22.7
G2 Genetics	5H-298 RR/HX	GLY LL Bt	97	197	140	168	22.7
NuTech	3P-098 RR/YGPL	GLY Bt CRW	98	211	113	162	23.0
Jung	7454 VT3	GLY Bt CRW	98	190	128	159	23.0
Gold Country	98-10 VT3	GLY Bt CRW	98	195	135	165	23.1
NuTech	1N-398 CB/LL/RW	LL Bt CRW	97	198	145	172	23.2
Wensman	W 7267 VT3	GLY Bt CRW	97	172	142	157	23.2
NuTech	3T-096 VT3	GLY Bt CRW	97	186	106	146	23.3
NuTech	3P-098A RR/YGPL	GLY Bt CRW	98	210	131	170	23.4
Peterson Farms Seeds	53B97	GLY Bt CRW	97	191	124	158	23.6
Renk	RK584CBLL	LL Bt	99	185	96	140	23.6
NuTech	3T-500 VT3	GLY Bt CRW	97	194	140	167	23.7
Crows	1928R	GLY	99	184	149	166	23.7
Legacy	L-4050 VT3	GLY Bt CRW	99	198	116	157	23.8
Legacy	L-3750 VT3	GLY Bt CRW	97	189	121	155	24.1
Wensman	W 7289 VT3	GLY Bt CRW	99	217	152	184	24.2
Pioneer	37Y14	GLY LL Bt CRW	99	195	123	159	24.4
NuTech	5H-597A RR/HX	GLY LL Bt	97	180	149	164	24.6
NuTech	3C-300 RR/YGCB	GLY Bt	97	214	132	173	24.9
NuTech	5H-599 RR/HX	GLY LL Bt	97	195	148	171	25.7
<b>99 RM and earlier averages:</b>				<b>193</b>	<b>129</b>	<b>161</b>	<b>22.9</b>
<b>Later than 99 RM hybrids</b>							
Gold Country	100-07 VT3	GLY Bt CRW	100	190	120	155	21.0
Dekalb	DKC52-43	GLY Bt CRW	102	189	141	165	21.2
Jung	7482 VT3	GLY Bt CRW	100	203	121	162	21.5
Dekalb	DKC52-59	GLY Bt CRW	102	171	137	154	21.8
Proseed	8100CBLLGT	GLY LL Bt	100	188	113	150	21.9
Renk	RK616VT3	GLY Bt CRW	101	197	131	164	22.0
NuTech	3W-403 RR/YGRW	GLY CRW	103	194	129	162	22.4
Kaltenberg	K5163VT3	GLY Bt CRW	103	172	126	149	22.4
Hyland Seeds	HL B45R	GLY Bt	100	159	128	144	23.1
Midwest Seed Genetics	70505VT3	GLY Bt CRW	101	198	100	149	23.1
NuTech	3C-300A RR/YGCB	GLY Bt	100	197	127	162	23.2
Kruger	K-6102VT3	GLY Bt CRW	102	228	114	171	23.2
Kruger	K-6400TS	GLY Bt CRW	100	198	97	148	23.2
Dairyland	ST-9902	GLY Bt	102	181	140	161	23.2
Dairyland	ST-9002	LL Bt	102	170	121	146	23.3
Proseed	8101VT3	GLY Bt CRW	101	180	146	163	23.5
Peterson Farms Seeds	39C02	GLY Bt	102	204	112	158	23.5
Jung	7475 VT3	GLY Bt CRW	100	183	95	139	23.6
G2 Genetics	5H-501 RR/HX	GLY LL Bt	101	190	163	176	23.7
Kruger	K-6401VT3	GLY Bt CRW	101	228	98	163	23.7
NuTech	3T-500A VT3	GLY Bt CRW	100	203	100	151	23.9
Wensman	W 7309 VT3	GLY Bt CRW	102	189	122	156	24.2
Dekalb	DKC50-19	GLY Bt CRW	100	197	85	141	24.3
Dekalb	DKC53-17	GLY Bt CRW	103	202	139	171	24.3
G2 Genetics	5H-702 RR/HX	GLY LL Bt	101	201	124	163	24.3
Dekalb	DKC50-44	GLY Bt CRW	100	221	125	173	24.8
Hyland Seeds	HL B49R	GLY Bt	100	199	170	185	25.1
NuTech	3T-101+ VT3	GLY Bt CRW	101	173	108	140	25.3
Legacy	L-5350 CBLLGT	GLY LL Bt	104	180	131	155	25.3
NuTech	3P-302 RR/YGPL	GLY Bt CRW	101	190	166	178	25.5
NuTech	3T-303 VT3	GLY Bt CRW	103	177	126	151	25.7
Dairyland	ST-9005	GLY Bt CRW	105	222	133	177	25.8
Farm Advantage	87X00	LL Bt CRW	100	170	117	143	26.0
Crows	2155VT3	GLY Bt CRW	102	203	140	171	26.0
Renk	RK686VT3	GLY Bt CRW	102	207	126	166	26.3
Hyland Seeds	HL B52R	GLY Bt	101	176	149	162	26.5

**Late maturity hybrids, central locations, 2008 (continued).**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:		Average Across Locations	
				Morris	Rosemount	Bu/Acre	% Moisture
<b>Later than 99 RM hybrids (continued)</b>							
Kruger	K-3300RR/HX	GLY Bt	100	201	102	151	26.6
NuTech	5X-201+ HXT/RR	GLY LL Bt CRW	101	185	90	138	26.6
Dairyland	ST-8404	LL Bt	104	159	141	150	28.3
Hyland Seeds	HL B337	Bt	105	170	105	137	28.4
<b>Later than 99 RM averages:</b>				<b>191</b>	<b>124</b>	<b>158</b>	<b>24.2</b>
<b>Central locations, late maturity averages:</b>				<b>192</b>	<b>126</b>	<b>159</b>	<b>23.6</b>
<b>LSD(0.20)</b>				<b>23</b>	<b>29</b>	<b>18</b>	<b>1.1</b>

**Northern Locations, 2008.**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/acre at:			Average Across Locations	
				Rothsay	Staples	Crookston	Bu/Acre	% Moisture
<b>82 and earlier RM hybrids</b>								
Kruger	K-1178RR	GLY	78	156	142	148	149	20.0
Pioneer	39D97	GLY LL Bt	79	157	136	152	148	20.8
Kruger	K-1780RR	GLY	80	151	135	152	146	21.4
NuTech	3C-482 RR/YGCB	GLY Bt	82	162	136	142	147	22.7
Pioneer	39V07	GLY LL Bt	80	143	137	133	138	22.8
NuTech	3T-083 VT3	GLY Bt CRW	82	181	160	162	168	23.0
Seeds 2000	8201 VT3	GLY Bt CRW	82	182	133	145	154	23.3
NuTech	3A-887 GT	GLY	82	172	131	161	155	23.5
NuTech	3P-484 RR/YGPL	GLY Bt CRW	82	160	138	156	151	23.8
Hyland Seeds	HL B24R	GLY Bt	81	171	143	159	158	25.2
NuTech	3T-484 VT3	GLY Bt CRW	82	180	159	160	166	25.3
Proseed	781RRBT	GLY Bt	81	156	143	158	153	25.7
<b>82 and earlier RM averages:</b>				<b>164</b>	<b>141</b>	<b>153</b>	<b>153</b>	<b>23.1</b>
<b>83 to 87 RM hybrids</b>								
Kruger	K-1086RR	GLY	86	170	166	170	169	20.5
Kruger	K-1584RR	GLY	84	162	131	155	150	21.4
Dekalb	DKC33-54	GLY	83	169	146	148	154	22.1
Mycogen	2J272	GLY Bt	87	172	143	173	163	22.2
Wensman	W 7087 VT3	GLY Bt CRW	85	170	135	172	159	22.2
Jung	4183 RR/YGCB	GLY Bt	85	172	156	172	167	22.2
Kruger	K-1087RR	GLY	87	159	154	156	156	22.3
Hyland Seeds	HL R228	GLY	85	161	155	149	155	22.3
Dahlman	D43-56 CBLL	LL Bt	86	197	122	183	167	22.3
Jung	4288 RR/YGCB	GLY Bt	86	182	148	164	165	22.4
Kruger	K-2087RR/YGCB	GLY Bt	87	172	144	167	161	22.4
Proseed	786CBLLGT	GLY LL Bt	86	175	148	163	162	22.6
Renk	RK292CBLLL	LL Bt	85	187	154	176	172	22.7
Gold Country	87-01 CB	Bt	87	184	152	155	164	22.8
Dekalb	DKC35-19	GLY Bt	85	175	158	164	166	22.8
Kruger	K-2086RR/YGCB	GLY Bt	86	183	145	157	162	22.9
NuTech	3T-388 VT3	GLY Bt CRW	87	184	167	162	171	23.0
Dairyland	ST-7985	LL Bt	85	192	128	172	164	23.0
Jung	7171VT3	GLY Bt CRW	83	178	140	164	161	23.1
Midwest Seed Genetics	68101R	GLY	85	155	149	146	150	23.2
Crows	1466R	GLY	85	158	161	154	158	23.2
NuTech	1B-887 CB/LL	LL Bt	87	195	137	174	169	23.2
Peterson Farms Seeds	54M83	GLY Bt CRW	83	180	147	159	162	23.3
Mycogen	2P174	GLY Bt	84	161	144	158	154	23.5
Peterson Farms Seeds	27L84	GLY Bt	84	159	154	165	159	23.7
NuTech	1N-887 CB/LL/RW	LL Bt CRW	86	197	138	166	167	23.8
Hyland Seeds	HL R231	GLY	87	165	140	150	152	23.8
Peterson Farms Seeds	56J86	GLY Bt CRW	86	183	149	164	165	23.8



**Northern Locations, 2008 (continued).**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/acre at:			Average Across Locations	
				Rothsay	Staples	Crookston	Bu/Acre	% Moisture
<b>83 to 87 RM hybrids (continued)</b>								
Wensman	W 7085 VT3	GLY Bt CRW	84	161	146	166	158	24.2
Renk	RK268YGPL	GLY Bt CRW	84	173	156	147	159	24.3
Mycogen	2T220	GLY Bt CRW	86	178	154	159	164	24.4
Mycogen	2K154	GLY LL Bt	83	176	145	160	161	24.4
Proseed	884VT3	GLY Bt CRW	84	169	149	156	158	24.4
Dairyland	ST-7286	GLY Bt	86	179	144	162	162	24.5
Legacy	L-2820 CBLLRW	LL Bt CRW	86	199	135	175	170	25.0
Dahlman	R43-42 VT3	GLY Bt CRW	86	173	148	168	163	25.0
Wensman	W 7089 VT3	GLY Bt CRW	86	196	161	172	177	25.2
NuTech	3A-390 RR	GLY	87	180	175	148	168	25.3
Proseed	787VT3	GLY Bt CRW	87	191	143	155	163	25.4
Legacy	L-2850 VT3	GLY Bt CRW	87	196	160	166	174	25.4
<b>83 to 87 RM averages:</b>				<b>177</b>	<b>148</b>	<b>162</b>	<b>162</b>	<b>23.3</b>
<b>88 to 92 RM hybrids</b>								
Farm Advantage	9890GL	GLY LL Bt	90	174	130	177	160	22.7
Kruger	K-1490RR	GLY	90	183	154	165	167	22.9
Dairyland	ST-7891	GLY LL Bt	91	175	145	182	168	23.0
Dahlman	D45-22 CBLL	LL Bt	88	200	141	158	166	23.0
Peterson Farms Seeds	82L90	GLY LL Bt	90	189	140	183	171	23.2
Kruger	K-5388YGCB	GLY Bt	88	181	157	152	163	23.3
Hyland Seeds	HL CVR44	GLY Bt CRW	88	167	143	139	150	23.6
Jung	3327RR	GLY	89	184	161	157	167	23.8
NuTech	3A-390A RR	GLY	90	179	163	154	166	23.8
Dairyland	ST-7789	GLY Bt	89	178	171	158	169	24.0
Kruger	K-2090RR/YGCB	GLY Bt	90	181	146	158	162	24.0
NuTech	3P-191 RR/YGPL	GLY Bt CRW	91	189	163	167	173	24.8
Seeds 2000	8801 VT3	GLY Bt CRW	88	186	156	170	171	24.8
NuTech	3T-393A VT3	GLY Bt CRW	92	196	172	172	180	24.9
Midwest Seed Genetics	69205VT3	GLY Bt CRW	92	182	160	171	171	25.0
Legacy	L-2927 VT3	GLY Bt CRW	92	185	151	151	162	25.1
Wensman	W 7107 VT3	GLY Bt CRW	90	184	156	152	164	25.2
NuTech	3T-388A VT3	GLY Bt CRW	88	187	151	166	168	25.2
Hyland Seeds	HL R238	GLY	92	181	164	146	164	25.6
Hyland Seeds	HL CVR54	GLY Bt CRW	92	198	160	154	171	25.6
Crows	1685VT3	GLY Bt CRW	92	182	152	181	172	25.7
Dekalb	DKC38-89	GLY Bt CRW	88	188	161	175	175	25.8
Pioneer	39N99	GLY LL Bt	89	169	156	169	165	26.0
NuTech	3P-494+ RR/YGPL	GLY Bt CRW	92	185	142	168	165	26.3
Renk	RK438YGCB	Bt	92	189	154	159	167	26.5
Dekalb	DKC41-60	GLY Bt CRW	91	179	166	160	168	26.6
NuTech	3A-095A RR	GLY	92	183	148	172	168	27.0
Jung	7344 VT3	GLY Bt CRW	91	179	139	162	160	27.4
NuTech	3A-093 RR	GLY	92	176	126	153	152	27.8
<b>88 to 92 RM averages:</b>				<b>183</b>	<b>153</b>	<b>163</b>	<b>166</b>	<b>24.9</b>
<b>93 and later RM hybrids</b>								
Jung	3385 RR	GLY	94	196	172	160	176	24.0
NuTech	3P-494A RR/YGPL	GLY Bt CRW	94	194	162	147	168	24.1
NuTech	3T-995 VT3	GLY Bt CRW	95	186	164	168	172	24.1
Proseed	794CBLLRW	LL Bt CRW	94	176	148	153	159	24.5
Kruger	K-1093RR	GLY	93	200	155	164	173	25.0
NuTech	3T-495 VT3	GLY Bt CRW	95	196	144	161	167	25.1
NuTech	3T-393 VT3	GLY Bt CRW	93	209	149	160	173	25.4
Proseed	793CBLL	LL Bt	93	175	136	153	155	25.7
Proseed	894VT3	GLY Bt CRW	94	183	158	155	165	25.7
Dekalb	DKC43-27	GLY Bt CRW	93	195	153	161	170	25.8
Jung	7362 VT3	GLY Bt CRW	94	191	179	155	175	26.1
Wensman	W 7143 VT3	GLY Bt CRW	93	169	161	154	161	26.2

**Northern Locations, 2008 (continued).**

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/acre at:			Average Across Locations	
				Rothsay	Staples	Crookston	Bu/Acre	% Moisture
<b>93 and later RM hybrids (continued)</b>								
NuTech	3T-995A VT3	GLY Bt CRW	95	183	171	174	176	26.2
Kruger	K-6094VT3	GLY Bt CRW	94	187	153	158	166	26.2
Dairyland	ST-9194	GLY Bt CRW	94	196	156	151	168	26.5
Kruger	K-6093VT3	GLY Bt CRW	93	189	140	170	166	26.6
NuTech	3T-096A VT3	GLY Bt CRW	95	175	147	152	158	26.9
NuTech	3A-095 RR	GLY	95	185	157	145	163	26.9
NuTech	3T-096B VT3	GLY Bt CRW	95	164	137	151	151	27.2
NuTech	3P-595 RR/YGPL	GLY Bt CRW	95	209	137	166	170	27.5
NuTech	3T-098 VT3	GLY Bt CRW	95	192	172	155	173	28.0
<b>93 and later RM averages:</b>				<b>188</b>	<b>155</b>	<b>158</b>	<b>167</b>	<b>25.9</b>
<b>Northern locations averages:</b>				<b>179</b>	<b>150</b>	<b>161</b>	<b>163</b>	<b>24.3</b>
<b>LSD(0.20)</b>				<b>11</b>	<b>16</b>	<b>13</b>	<b>8</b>	<b>1.1</b>