



Corn Grain

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Varietal Trials Results, January 2007



The Minnesota Corn Hybrid Evaluation Program is conducted by the University of Minnesota Agricultural Experiment Station to provide unbiased information for use by corn growers when they choose 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 Plainview
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 - 95 RM and earlier hybrids
Late Maturity Trial - 96 RM and later hybrids

Northern Zone:

Crookston, Rothsay and Staples.

Testing Procedure

Entries: Each seed corn company could enter up to six hybrids per 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. Consequently, there may be more than six hybrids for a company in a test.

Presentation of Data

Yields are given for individual locations along with yields and harvest moisture contents averaged across locations for 2006. Reported yields are adjusted to 15.5% grain moisture. Hybrids are ranked within a maturity group by moisture content averaged across locations for 2006.

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, CB identifies genetic modification for corn borer resistance but does not differentiate between the Bt 11 event, the YieldGuard corn borer event or the Herculex corn borer events.

Identifiers are:

- CB = European corn borer resistance
- CLR = Clearfield Corn resistance to imidazolinone herbicides
- CRW = Corn rootworm resistance
- GLY = Glyphosate Herbicide resistance
- LL = Liberty herbicide resistance

Table 1. Individual hybrid corn trial information, 2006.

Location	Cooperators	Previous Crop	Planting Date	Harvest Dates
Lamberton	Steve Quiring	Soybean	27-Apr	12-Oct
Waseca	Tom Hoverstad	Soybean	25-Apr	22-Oct
Plainview	Fritz Brietenbach, Bruce Ihrke	Soybean	5-May	1-Nov
Morris	George Nelson	Soybean	8-May	12-Oct
Rosemount	Jerry Holz	Soybean	10-May	23-Oct
Staples	Norman Krause	Corn	16-May	19-Oct
Rothsay	George Nelson, Troy Larson	Wheat	9-May	24-Oct
Crookston	Mark Hanson	Soybean	8-May	26-Oct

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, 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.

Corn Planting Rate and Date

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

Companies participating in the 2006 hybrid corn grain trials.

AgSource Seeds, Inc. , 1800 L Ave., Nevada, IA 50201	www.agsourceseeds.com
AgriGold Hybrids , Rt.1, Box 203, St. Francisville, IL 62460	www.agrigold.com
Anderson Seeds , Rt. 3, Box 94, St. Peter, MN 56082	njandrns@myclearwave.net
Croplan Genetics , P.O. Box 64281, St. Paul, MN 55164	www.croplangenetics.com
Crows Hybrid Corn Co. , P.O. Box 157, Kentland, IN 47951	www.crowshybrid.com
Dahlman Seed Co. , 73504 200th St., Dassel, MN 55325	www.dahlmanseed.com
Dairyland Seed Co. Inc. (Stealth), Box 958, West Bend, WI 53095	www.dairylandseed.com
Dekalb (Monsanto Co.) 800 N Lindbergh Blvd., St. Louis, MO 63167	www.dekalb.com www.asgrow.com
DynaGro , 221 W. Lake Lansing Rd. 102 E., East Lansing, MI 48823	www.dyna-groseed.com/dynagro/
Epley Bros. Hybrids, Inc. , P.O. Box 310, Shell Rock, IA 50670	www.epleyseed.com
Farm Advantage , 1275 Highway 69, Belmond, IA 50421	www.farmadvantage.com
Fontanelle Hybrids Inc. , 10981 8th St., Fontanelle, NE 68044	www.fontanelle.com
Garst Seed Co. , 2369 330th St., Box 500, Slater, IA 50244	www.garstseed.com
Gold Country Seed , 16506 Hwy. 15 N., Hutchinson, MN 55350-0604	www.goldcountryseed.com
High Cycle by Trelay (Trelay) 11623 Hwy. 80, Livingston, WI 53554	www.trelay.com
Hyland Seeds , 2 Hyland Drive, Blenheim, Ontario, Canada NOP 1A0	www.hylandseeds.com
Jung Farms Inc. , 341 S. High St., Randolph, WI 53956	www.jungseedgenetics.com
Kaltenberg Seeds , 5506 State Rd. 19, Box 278, Waunakee, WI 53597	www.kaltenbergseeds.com
Kruger Seed Co. , 33938 160th Ave., Dike, IA 50624	www.krugerseed.com
L.G. Seeds Inc. , 22827 Shissler Rd., Elmwood IL 61529	www.lgseeds.com
Laser (Golden Harvest Seeds), 1190 12th St. SE, Owatonna, MN 55060	www.goldenharvestseeds.com
Legacy Seeds Inc. , 210 Pine St., Waupaca, WI 54981	www.legacyseeds.com
Midwest Seed Genetics , P.O. Box 518, Carroll, IA 51401	www.midwestseed.com
Mycogen Seeds , 9330 Zionsville Rd., Indianapolis, IN 46268	www.dowagro.com/mycogen/index.html
NK Brand Seed , Box 165, Abercrombie, ND 58001	www.nk-us.com
NuTech Seed , 40321 130th Ave., Leland, IA 50453	www.nutechseed.com
Peterson Farms Seed , 3104 164th Ave. S.E., Harwood, ND 58092	www.petersonfarmsseed.com
Pioneer Hi-Bred Intl. , 99 Navaho Ave., Suite 101A, Mankato, MN 56001	www.pioneer.com/usa/
Producers Hybrids , P.O. Box C, Battle Creek, NE 68715	www.producershybrids.com
Proseed , 705 E. Brewster, Harvey, ND 58341	www.proseed.net
Renk Seed Co. , 6800 Wilburn Rd., Sun Prairie, WI 53590	www.renkseed.com
Seeds 2000 , Box 200, 115 N 3rd St., Breckenridge, MN 56520	www.seeds2000.net
Terning Seeds , 15365 60th St. SW, Cokato, MN 55321	www.terningseeds.com
Trisler Seed Farms, Inc. , 3274 E 800 North Rd., Fairmount, IL 61841	www.trisler.com
Viking Hybrids (Albert Lea Seed House), 1414 W Main, Box 127, Albert Lea, MN 56007	www.alseed.com
Wensman Seed Co. , Box 190, Wadena, MN 56482	www.wensmanseed.com

Table 2. Early maturity hybrids, southern locations, 2006.

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Lamberton	Plainview	Waseca	Bu/Acre	% Moisture
97 and earlier RM hybrids								
Dahlman	R48-07CB	CB, GLY	96	224	244	233	234	15.9
NuTech	NT-3995 RR	GLY	95	193	215	214	207	16.0
Trelay	4B268	CB	96	229	215	206	217	16.0
Kruger	9496YGCB	CB	96	219	207	219	215	16.1
NuTech	NT-8494 YGPL	CB, CRW	94	228	233	218	226	16.2
Kruger	2697RR/YGCB	CB, GLY	97	227	221	216	221	16.2
Anderson Seeds	797Y	CB	96	209	224	217	217	16.2
Viking	BW 7684	CB, CRW	96	205	231	222	219	16.2
Kaltenberg	K4688Bt	CB	96	222	218	218	219	16.3
Dekalb	DKC45-82	GLY	95	211	231	205	216	16.3
Laser	L-6H08 RR/RW	CRW, GLY	95	215	225	226	222	16.3
Garst	8815CB/LL	CB, LL	96	219	228	218	222	16.3
Wensman	W 6194BtRR	CB, GLY	95	223	264	224	237	16.4
Wensman	W 7269BtRWRR	CB, CRW, GLY	97	224	239	215	226	16.4
AgriGold	XA6501BtRR	CB, GLY	96	221	242	210	225	16.4
Dahlman	D48-15	CB	95	226	220	212	220	16.4
Trisler	T-2280RRRW	CRW, GLY	95	214	216	228	219	16.4
Anderson Seeds	C795R	CRW, GLY	96	220	214	223	219	16.4
Jung	7425 RR/YGPL	CB, CRW, GLY	96	218	215	216	216	16.5
NuTech	NT-4596 YGCB	CB	95	230	237	214	227	16.6

Table 2. Early maturity hybrids, southern locations, 2006 (continued).

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Lamberton	Plainview	Waseca	Bu/Acre	% Moisture
97 and earlier RM hybrids (continued)								
NuTech	NX-1198CB/LL	CB,LL	97	205	214	207	209	17.0
Wensman	W 6266BtRR	CB,GLY	97	243	246	238	242	17.1
Producers Hybrids	5733YGCBBR	CB,GLY	97	220	257	217	231	17.2
NuTech	NT-1898 CB/LL	CB,LL	97	232	236	226	232	17.6
97 and earlier RM averages:				220	229	218	222	16.4
98 to 101 RM hybrids								
Dekalb	DKC48-53	CB,GLY	98	222	227	221	223	16.2
Dairyland Stealth	5497	CB	98	221	219	206	215	16.3
Renk	RK575YGPL	CB,CRW	99	224	230	232	229	16.3
Kruger	1500RR	GLY	100	243	243	238	241	16.5
Gold Country	100-05CBRCRW	CB,CRW,GLY	100	224	190	213	209	16.6
Trisler	T-2420PLRR	CB,CRW,GLY	99	217	214	202	211	16.7
Dairyland Stealth	5201	CB	101	220	218	222	220	16.7
Anderson Seeds	Y100R	CB,GLY	100	216	237	206	220	16.8
Epley	E12R24 YGPL	CB,CRW,GLY	100	207	241	223	224	16.8
Trelay	5K106	CB,CRW,GLY	100	232	238	215	228	16.8
Fontanelle	4N627	CB,GLY	98	242	259	229	243	16.8
Fontanelle	5K106	CB,CRW,GLY	100	223	218	219	220	16.9
Epley	E1163		99	217	214	218	216	16.9
LG Seeds	LG2496BtRR	CB,GLY	100	225	270	243	246	16.9
Trisler	T-2420RRCB	CB,GLY	99	215	227	221	221	16.9
Anderson Seeds	99C	CRW	100	202	223	220	215	16.9
Dekalb	DKC51-39	CB,CRW,GLY	101	233	237	222	231	17.0
AgriGold	A6275RWRR	CRW,GLY	100	234	242	236	237	17.0
Trelay	7560	CB	100	224	242	219	228	17.0
Kruger	2499RR/YGCB	CB,GLY	99	243	237	226	235	17.1
Anderson Seeds	6061		100	204	219	206	210	17.1
Wensman	W 6287RR	GLY	98	220	225	217	221	17.1
Pioneer	37F74	CB,LL	100	233	246	212	230	17.1
NuTech	NT-9101 RR/YGPL	CB,CRW,GLY	101	220	246	230	232	17.1
Jung	7422 RR/YGPL	CB,CRW,GLY	98	197	235	235	223	17.2
AgriGold	A6225BtRR	CB,GLY	98	208	244	224	225	17.2
Trelay	4N627	CB,GLY	98	234	251	239	241	17.2
Wensman	W 7316BtRWRR	CB,CRW,GLY	101	223	217	237	226	17.2
Kruger	1700RR	GLY	100	221	223	205	217	17.2
Wensman	W 6315BtRR	CB,GLY	101	230	239	227	232	17.3
Farm Advantage	9699L	CB,LL	99	250	252	242	248	17.3
Trelay	5N503	CB,GLY	100	238	252	243	244	17.3
AgriGold	A6285BtRWRR	CB,CRW,GLY	100	220	250	224	231	17.3
Epley	E1231		100	237	229	250	239	17.3
NuTech	NT-5101 RR/YGCB	CB,GLY	101	233	223	237	231	17.4
Garst	8827CB/LL/GT	CB,GLY,LL	98	209	238	217	221	17.5
Viking	6758	CB,LL	99	224	241	244	236	17.6
Wensman	W 6307RR	GLY	100	231	251	241	241	17.6
Dairyland Stealth	1600		100	226	230	218	225	17.7
Kruger	8601HX	CB,LL	101	241	265	258	255	17.7
Laser	L-7H67 Bt/RR	CB,GLY	100	230	250	237	239	17.8
NuTech	NX-2201 HX	CB,LL	100	240	260	252	251	17.8
Farm Advantage	5501	CB,LL	101	224	235	223	227	17.9
Kruger	2301RR/YGCB	CB,GLY	101	216	231	212	220	17.9
Trisler	T-2390HX	CB,LL	99	224	240	235	233	18.0
NuTech	NX-4401 YGCB	CB	100	238	247	235	240	18.0
NuTech	NT-4202 YGCB	CB	101	249	255	251	252	18.1
Midwest	70503S	CB,GLY	101	232	250	232	238	18.2
Crows	2121S	CB,GLY	101	227	253	213	231	18.3
NuTech	NT-2200 HX	CB,LL	100	237	231	246	238	18.8
98 to 101 RM averages:				226	237	227	230	17.2

Table 2. Early maturity hybrids, southern locations, 2006 (continued).

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Lamberton	Plainview	Waseca	Bu/Acre	% Moisture
102 to 103 RM hybrids								
Dekalb	DKC52-40	CB,CRW,GLY	102	232	226	233	231	16.5
Kruger	6503TS	CB,CRW,GLY	103	234	236	231	233	16.6
Renk	RK632RRYGPL	CB,CRW,GLY	102	208	219	199	209	16.8
Legacy Seeds	L-4840 RRBt	CB,GLY	103	205	208	202	205	16.8
Viking	WBR6709	CB,CRW,GLY	102	207	225	211	214	16.9
Fontanelle	5N503	CB,GLY	102	233	254	217	235	17.2
Dekalb	DKC52-63	CB,GLY	102	237	279	231	249	17.3
Kruger	1503RR	GLY	103	219	223	213	218	17.3
Dahlman	R51-20YGP	CB,CRW,GLY	102	211	217	244	224	17.4
Renk	RK652LLYGCB	CB,LL	103	220	251	223	231	17.4
Kruger	9203RR/YGCB	CB,GLY	103	239	255	242	246	17.5
Dahlman	R51-20CB	CB,GLY	102	229	241	240	237	17.6
LG Seeds	LG2517Bt	CB	103	220	239	217	225	17.6
Legacy Seeds	L-4660 RRBt	CB,GLY	102	239	245	233	239	17.6
Pioneer	36W66		102	232	233	239	235	17.6
Crows	2138T	CB,CRW,GLY	102	232	244	239	238	17.7
Renk	RK636RRYGCB	CB,GLY	103	238	248	237	241	17.8
NuTech	NT-2402 HX	CB,LL	102	237	240	264	247	17.8
Kruger	8602HX	CB,LL	102	229	236	221	229	17.9
Midwest	71101T	CB,CRW,GLY	102	239	241	225	235	17.9
Viking	HL 6592	CB,LL	102	209	220	224	218	17.9
Viking	BW 6804	CB,CRW	102	242	255	238	245	18.0
AgriGold	A6310Bt	CB	103	204	210	212	209	18.2
Epley	E1491		103	235	252	228	238	18.2
Kaltenberg	K5215Bt	CB	102	214	228	223	222	18.3
Kruger	8502HX	CB,LL	102	234	261	244	247	18.3
Viking	B 6693	CB	102	243	248	237	243	18.4
Kruger	5504YGCB	CB	103	247	242	249	246	18.5
NuTech	NX-1103CB/LL	CB,LL	102	235	254	247	246	18.6
Dairyland Stealth	1603		103	246	247	248	247	18.6
Kruger	1603RR	GLY	103	241	250	251	247	18.6
NuTech	NT-2503 HX	CB,LL	103	241	262	236	246	18.7
Gold Country	102-04CBR	CB,GLY	102	219	242	230	230	18.7
Trelay	5N749	CB,GLY	102	243	263	230	245	18.8
NuTech	NX-2203 HX	CB,LL	102	239	231	238	236	18.9
NuTech	NX-9003 RR/YGPL	CB,CRW,GLY	102	249	270	223	247	19.0
Kruger	6603TS	CB,CRW,GLY	103	229	248	246	241	19.0
Agsource	4933	CB	103	228	231	249	236	19.1
Trisler	T-2744CB	CB	102	222	241	224	229	19.2
Trisler	T-2475RRCB	CB,GLY	102	216	222	212	217	19.3
Legacy Seeds	L-4237 RRBt	CB,GLY	102	239	238	214	230	19.6
Trisler	T-2475RR	GLY	102	260	225	231	239	20.1
102 to 103 RM averages:				230	241	231	234	18.1
Southern locations, early maturity averages:				226	237	227	230	17.4
LSD (0.20)				13	17	13	8	0.3

Table 3. Late maturity hybrids, southern locations, 2006.

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Lamberton	Plainview	Waseca	Bu/Acre	% Moisture
104 RM and later hybrids								
Viking	BW 5774	CB,CRW	105	216	207	206	210	14.7
Renk	RK772RRYGPL	CB,CRW,GLY	104	219	225	199	215	15.9
Jung	5572 YGPL	CB,CRW	103	216	232	215	221	16.0
Dekalb	DKC54-46	CB,CRW,GLY	104	226	242	234	234	16.1
Garst	8688GT	GLY	104	247	239	213	233	16.3
Kruger	6607TS	CB,CRW,GLY	107	227	229	223	226	16.5
Kruger	0605B		105	248	259	236	248	16.6
Dekalb	DKC55-12	CB	105	246	269	243	253	16.6
Renk	RK700YGCB	CB	105	224	242	211	226	16.7
Dairyland Stealth	5204	CB	104	262	234	244	247	16.8
Kruger	9407TS	CB,CRW,GLY	107	235	225	233	231	16.9
Renk	RK644YGCB	CB	105	233	241	217	230	17.0
Garst	8623YG1	CB	104	255	254	250	253	17.0
Farm Advantage	6504	GLY	104	237	242	234	238	17.2
Epley	E2435 RRRW	CRW,GLY	108	224	228	206	219	17.2
Anderson Seeds	C106R	CRW,GLY	106	214	220	216	217	17.3
Wensman	W 6374BtRR	CB,GLY	105	232	260	246	246	17.4
Kruger	0404		104	230	242	242	238	17.4
NuTech	NT-2503a HX	CB,LL	104	243	238	236	239	17.5
Jung	3545 YGCB	CB	105	238	241	232	237	17.5
LG Seeds	LG2533		105	218	230	238	229	17.5
Kruger	0408		108	248	240	243	244	17.6
Dekalb	DKC55-82	GLY	105	252	227	242	240	17.6
Pioneer	35F38		104	217	234	221	224	17.6
Wensman	W 6318BtRR	CB,GLY	104	228	222	219	223	17.6
Pioneer	36H54	CB,LL	104	243	249	254	249	17.6
Kruger	0508		108	237	218	233	229	17.7
Kruger	5505YGCB	CB	105	241	225	202	223	17.7
Kruger	8605HX	CB,LL	105	248	234	213	232	17.8
Epley	E1513		105	239	231	242	237	18.0
Kruger	2105RR/YGCB	CB,GLY	105	256	222	219	232	18.1
AgriGold	A6325RWRR	CRW,GLY	104	248	239	234	241	18.1
NuTech	NT-9006 RR/YGPL	CB,CRW,GLY	105	241	233	240	238	18.2
NuTech	NT-9507 RR/YGPL	CB,CRW,GLY	107	237	227	225	230	18.2
NuTech	NX-0505		104	235	226	227	229	18.2
Agsource	5571	GLY	106	259	223	231	238	18.2
Jung	7712 RR/YGPL	CB,CRW,GLY	112	251	226	206	228	18.2
Kruger	8204HX	CB,LL	104	244	239	216	233	18.3
NuTech	NT-5507 RR/YGCB	CB,GLY	106	229	227	222	226	18.3
Agsource	578T	CB,CRW,GLY	107	246	246	217	237	18.4
Crows	3844R	GLY	106	250	266	260	259	18.4
Anderson Seeds	106YR	CB,GLY	106	210	215	217	214	18.5
Kruger	1606RR	GLY	106	263	254	235	250	18.7
NuTech	NT-2207 HX	CB,LL	106	260	258	248	255	18.7
Midwest	76121R	GLY	106	246	275	247	256	18.8
Kruger	2506RR/YGCB	CB,GLY	106	229	238	238	235	19.0
Kruger	5509YGCB	CB	107	264	250	245	253	19.0
Kruger	2509RR/YGCB	CB,GLY	107	254	267	222	248	19.2
Pioneer	35Y61	CB,GLY,LL	106	240	235	235	237	19.2
Kruger	5406BTLL	CB,LL	106	238	251	235	242	19.3
NuTech	NX-9908 RR/YGPL	CB,CRW,GLY	107	249	242	239	243	19.4
NuTech	NT-4006 YGCB	CB	105	261	243	254	252	19.7
NuTech	NT-2208 HX	CB,LL	108	223	237	221	227	19.7
Pioneer	34A18	CB,LL	109	237	242	231	236	19.9
Kruger	5407BTLL	CB,LL	107	244	243	214	234	20.1
Southern locations, early maturity averages:				239	238	229	236	17.8
LSD(0.20)				14	13	16	8	0.4

Table 4. Early maturity hybrids, central locations, 2006.

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:		Average Across Locations	
				Morris	Rosemount	Bu/Acre	% Moisture
92 and earlier RM hybrids							
Wensman	W 4190		90	184	202	193	15.1
Terning Seeds	TS 8102 RR/YGPL	CB,CRW,GLY	83	194	173	183	15.3
NuTech	NT-1889 CB/LL	CB,LL	88	183	172	177	15.3
Trelay	2N553	CB,GLY	90	194	189	192	15.5
Terning Seeds	TS 8191 LL Bt-II	CB,LL	90	172	190	181	15.5
NuTech	NX-3090 RR	GLY	89	187	144	165	15.6
Seeds 2000	2922RRBt	CB,GLY	92	174	183	178	15.8
Wensman	W 6117BtRR	CB,GLY	92	196	195	195	15.9
Garst	8917CB	CB,LL	92	169	183	176	16.0
NuTech	NT-5191+ RR/YGCB	CB,GLY	90	192	191	192	16.0
Dahlman	R45-15YGP	CB,CRW,GLY	92	189	193	191	16.0
Terning Seeds	TS 8230 RR/YGCB	CB,GLY	92	187	191	189	16.0
Wensman	W 7118BtRWRR	CB,CRW,GLY	92	195	197	196	16.0
NuTech	NT-9191+ RR/YGPL	CB,CRW,GLY	90	166	196	181	16.1
Kruger	9392RR/YGCB	CB,GLY	92	211	186	199	16.1
Dyna-Gro	53B04	CB,CRW,GLY	92	183	185	184	16.2
Jung	7418A RR/YGPL	CB,CRW,GLY	92	186	186	186	16.2
Hyland Seeds	HL B282	CB	92	199	199	199	16.2
Renk	RK438RRYGPL	CB,CRW,GLY	92	189	191	190	16.2
Dairyland Stealth	7191	CB,GLY	91	169	191	180	16.4
NuTech	NX-9393 RR/YGPL	CB,CRW,GLY	92	182	169	175	16.5
Kruger	9392TS	CB,CRW,GLY	92	197	203	200	16.7
NuTech	NX-2292 HX	CB,LL	91	172	191	182	17.8
92 RM and earlier averages:				186	187	186	16.0
93 to 95 RM hybrids							
Dairyland Stealth	5194	CB	94	181	183	182	15.7
Kruger	9593RR/YGCB	CB,GLY	93	176	185	180	15.7
Kruger	9496		95	176	188	182	15.8
NuTech	NT-9197 RR/YGPL	CB,CRW,GLY	95	177	201	189	15.9
Kruger	9496RR	GLY	95	197	184	190	16.1
Seeds 2000	2953RR	GLY	95	187	197	192	16.1
Wensman	W 6212RR	GLY	95	182	195	189	16.2
Wensman	W 6194BtRR	CB,GLY	95	196	199	197	16.2
NuTech	NT-5696 RR/YGCB	CB,GLY	95	202	205	204	16.2
Seeds 2000	2953Bt	CB	95	182	198	190	16.2
NuTech	NT-4595 YGCB	CB	94	173	200	186	16.3
Dahlman	R48-15	GLY	95	170	186	178	16.3
Dekalb	DKC45-82	GLY	95	213	190	202	16.3
Kruger	1195RR	GLY	95	179	200	190	16.4
Proseed	95S04Bt	CB	95	212	187	199	16.4
Pioneer	38M59	CB	95	206	190	198	16.4
NuTech	NT-3995 RR	GLY	95	201	209	205	16.4
Dekalb	DKC44-92	GLY	94	207	189	198	16.5
Kruger	5593BTLL	CB,LL	93	180	196	188	16.5
Legacy Seeds	L-3077 RRCRW	CRW,GLY	95	186	198	192	16.5
Agsource	3933	CB	95	203	183	193	16.6
NuTech	NT-4596 YGCB	CB	95	207	195	201	16.6
Jung	3432 YGCB	CB	95	194	206	200	16.7
NuTech	NT-8494 YGPL	CB,CRW	94	200	194	197	16.8
Dahlman	D48-15	CB	95	176	203	190	16.8
Jung	4440 RR/YGCB	CB,GLY	95	185	188	186	16.9
NuTech	NX-0095		95	193	207	200	17.1
Pioneer	38F33		95	191	184	188	17.1
Gold Country	95-03CB	CB	95	184	188	186	17.8
Hyland Seeds	HL 2492		95	217	207	212	18.8
93 to 95 RM averages:				191	195	193	16.5
Central locations, early maturity averages:				189	191	190	16.3
LSD(0.20)				21	11	12	0.4

Table 5. Late maturity hybrids, central locations, 2006.

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:		Average Across Locations	
				Morris	Rosemount	Bu/Acre	% Moisture
99 and earlier RM hybrids							
Anderson Seeds	796R	GLY	96	191	172	181	16.1
Dekalb	DKC47-10	CB, GLY	97	206	180	193	16.1
Dyna-Gro	54B77	CB, CRW, GLY	97	198	193	196	16.2
Dairyland Stealth	7196	CB, GLY	96	194	204	199	16.2
Dekalb	DKC46-22	CB, CRW, GLY	96	183	184	184	16.3
NuTech	NX-8097 YGPL	CB, CRW	96	208	193	200	16.3
Dahlman	R48-07CB	CB, GLY	96	207	226	216	16.4
Kruger	9496YGCB	CB	96	202	179	190	16.5
Wensman	W 5212Bt	CB	96	187	196	191	16.5
Dekalb	DKC48-53	CB, GLY	98	208	221	214	16.5
Kruger	5497YGCB	CB	97	181	193	187	16.6
Anderson Seeds	C795R	CRW, GLY	96	200	182	191	16.6
Kruger	2697RR/YGCB	CB, GLY	97	217	201	209	16.6
Kaltenberg	K4688Bt	CB	96	225	204	215	16.6
Renk	RK575YGPL	CB, CRW	99	192	196	194	16.7
Pioneer	37Y12		97	207	198	203	16.7
Kruger	5596BTLL	CB	96	189	187	188	16.8
Midwest	69652B	CB	96	163	184	173	16.8
Agsourc	3863	CB	96	182	178	180	16.8
Anderson Seeds	797Y	CB	96	189	186	187	16.8
LG Seeds	LG2475BtRR	CB, GLY	96	181	223	202	16.9
Dairyland Stealth	5497	CB	98	199	180	189	16.9
Wensman	W 7269BtRWRR	CB, CRW, GLY	97	199	182	191	17.1
Kruger	5597BTLL	CB, LL	97	170	172	171	17.1
Hyland Seeds	HL B43R	CB, GLY	97	176	182	179	17.1
Legacy Seeds	L-3295 RRBt	CB, GLY	97	209	204	206	17.3
Proseed	697 Bt11	CB, LL	97	190	166	178	17.3
Jung	7425 RR/YGPL	CB, CRW, GLY	96	185	175	180	17.5
Trelay	4B268	CB	96	187	189	188	17.5
Crows	1707B	CB	96	182	186	184	17.6
Anderson Seeds	99R	GLY	99	189	172	180	17.6
Wensman	W 6287RR	GLY	98	199	187	193	17.7
NuTech	NT-7098 RR/YGRW	CRW, GLY	97	200	210	205	17.8
Kruger	2499RR/YGCB	CB, GLY	99	214	209	211	17.8
Wensman	W 6266BtRR	CB, GLY	97	218	201	210	17.9
Gold Country	98-10CBR	CB, GLY	98	219	192	205	18.0
NuTech	NT-7099 RR/YGRW	CRW, GLY	98	214	189	202	18.0
Trelay	4N627	CB, GLY	98	203	205	204	18.3
Jung	7422 RR/YGPL	CB, CRW, GLY	98	189	199	194	18.4
NuTech	NX-4499 YGCB	CB	98	205	195	200	18.6
NuTech	NX-3397 RR	GLY	96	203	195	199	18.7
Kruger	0599		99	185	180	182	18.7
Garst	8827CB/LL/GT	CB, GLY, LL	98	193	163	178	18.8
NuTech	NT-1898 CB/LL	CB, LL	97	204	209	207	19.0
Farm Advantage	9699L	CB, LL	99	197	215	206	19.1
Kruger	5498YGCB	CB	98	194	213	204	19.6
99 RM and earlier averages:				196	192	194	17.3

Table 5. Late maturity hybrids, central locations, 2005 (continued).

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:		Average Across Locations	
				Morris	Rosemount	Bu/Acre	% Moisture
Later than 99 RM hybrids							
Kruger	1500RR	GLY	100	207	210	209	17.0
Dekalb	DKC51-39	CB,CRW,GLY	101	213	219	216	17.1
LG Seeds	LG2496BtRR	CB,GLY	100	199	204	202	17.5
Renk	RK632RRYGPL	CB,CRW,GLY	102	194	177	186	17.6
Pioneer	37F74	CB,LL	100	209	203	206	17.6
Wensman	W 7316BtRWRR	CB,CRW,GLY	101	184	219	202	17.8
Hyland Seeds	HL 2515		100	180	167	174	18.0
Trelay	5K106	CB,CRW,GLY	100	186	162	174	18.0
Dairyland Stealth	5201	CB	101	193	173	183	18.2
Midwest	70102S	CB,GLY	100	216	193	205	18.2
Kruger	1700RR	GLY	100	206	208	207	18.2
NuTech	NT-9101 RR/YGPL	CB,CRW,GLY	101	175	188	181	18.2
Dairyland Stealth	1600		100	188	186	187	18.3
Kruger	6503TS	CB,CRW,GLY	103	187	155	171	18.3
Kruger	9203RR/YGCB	CB,GLY	103	186	197	192	18.5
NuTech	NT-9002 RR/YGPL	CB,CRW,GLY	101	184	163	173	18.6
NuTech	NT-3301 RR	GLY	101	202	189	195	18.7
Wensman	W 6315BtRR	CB,GLY	101	185	185	185	18.7
Trelay	5N503	CB,GLY	100	196	194	195	18.8
Agsource	455T	CB,CRW,GLY	101	160	184	172	18.8
Kruger	1503RR	GLY	103	196	206	201	18.9
Dairyland Stealth	5204	CB	104	190	181	186	19.2
LG Seeds	LG2507RR	GLY	101	205	218	212	19.3
NuTech	NX-2201 HX	CB,LL	100	172	182	177	19.3
NuTech	NT-5101 RR/YGCB	CB,GLY	101	204	187	196	19.3
Kruger	8502HX	CB,LL	102	199	198	199	19.4
Dahlman	R51-20CB	CB,GLY	102	190	205	198	19.4
Crows	2116S	CB,GLY	100	193	196	194	19.5
Trelay	5B353	CB	100	177	160	169	19.5
Kruger	2301RR/YGCB	CB,GLY	101	195	185	190	19.5
Wensman	W 6307RR	GLY	100	196	194	195	19.6
NuTech	NT-4202 YGCB	CB	101	187	179	183	19.8
Kruger	8601HX	CB,LL	101	209	207	208	19.9
Dairyland Stealth	1603		103	203	195	199	19.9
Proseed	6100RRBt	CB,GLY	100	175	170	172	19.9
Kruger	5504YGCB	CB	103	183	191	187	20.0
Renk	RK644YGCB	CB	105	190	177	184	20.0
Hyland Seeds	HL B295	CB	101	196	171	184	20.0
Kruger	8602HX	CB,LL	102	192	168	180	20.0
NuTech	NT-2200 HX	CB,LL	100	187	165	176	20.2
Trelay	5N749	CB,GLY	102	205	210	207	20.2
NuTech	NX-4401 YGCB	CB	100	207	209	208	20.3
NuTech	NX-9003 RR/YGPL	CB,CRW,GLY	102	206	198	202	20.6
Hyland Seeds	HL B52R	CB,GLY	101	185	207	196	20.8
NuTech	NX-1103CB/LL	CB,LL	102	187	208	198	21.0
Kruger	6603TS	CB,CRW,GLY	103	213	201	207	21.1
Kruger	1603RR	GLY	103	197	192	195	21.4
Agsource	4933	CB	103	178	192	185	21.5
Hyland Seeds	HL 2676		105	172	179	176	23.8
Later than 99 RM averages:				193	190	191	19.3
Central locations, late maturity averages:				194	191	193	18.3
LSD(0.20)				19	21	14	0.6

Table 6. Northern locations, 2006.

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Rothsay	Staples	Crookston	Bu/Acre	% Moisture
82 and earlier RM hybrids								
Garst	8983IT	CLR	79	130	195	95	140	15.1
Peterson Farms Seed	24N80		80	137	197	134	156	15.7
Wensman	W 6082BtRR	CB, GLY	82	140	212	147	166	15.8
NuTech	NT-5882 RR/YGCB	CB, GLY	81	135	208	134	159	16.0
NK	N16-M1	CB, LL	82	131	186	144	154	16.3
Peterson Farms Seed	6EX80	CB	80	120	171	130	140	16.3
Peterson Farms Seed	6EX82	CB	82	146	176	140	154	16.5
Hyland Seeds	HL B256	CB, LL	79	135	171	127	144	16.5
Kruger	1182RR	GLY	82	140	192	131	154	16.6
NuTech	NT-3883 RR	GLY	82	149	216	148	171	16.7
Seeds 2000	2821RRBt	CB, GLY	82	155	228	169	184	16.7
Agsource	2666	CB, GLY	82	170	205	137	170	16.8
Legacy Seeds	L-2020 RRBt	CB, GLY	82	169	213	153	178	16.9
Kruger	1780RR	GLY	80	149	193	158	166	17.0
Hyland Seeds	HL B209	CB	75	88	133	99	107	17.0
NuTech	NT-9383 RR/YGPL	CB, CRW, GLY	82	160	225	169	185	17.1
NuTech	NT-5383 RR/YGCB	CB, GLY	82	168	206	164	179	17.3
Proseed	581RRBt	CB, GLY	81	140	210	158	169	17.3
Hyland Seeds	HL B258	CB	82	117	150	128	132	18.8
NuTech	NT-5779 RR/YGCB	CB, GLY	78	146	179	140	155	18.9
82 and earlier RM averages:				141	193	140	158	16.8
83 to 87 RM hybrids								
Dekalb	DKC33-72	GLY	83	131	180	123	145	15.9
Dahlman	R42-15	GLY	85	161	219	158	179	16.0
Hyland Seeds	HL B264	CB	85	141	214	164	173	16.3
Peterson Farms Seed	76E85	CB	85	172	221	161	185	16.3
Renk	RK224RRYGCB	CB, GLY	83	166	219	175	187	16.4
Dahlman	D42-15CB	CB	85	165	232	161	186	16.5
Croplan	229RR2/Bt	CB, GLY	84	139	204	151	165	16.5
Mycogen	2P174	CB, GLY	84	153	231	172	185	16.5
Kruger	1587RR	GLY	87	148	232	186	189	16.6
Terning Seeds	TS 8145 RR/YGCB	CB, GLY	84	169	211	162	181	16.6
Wensman	W 6084BtRR	CB, GLY	84	134	211	145	163	16.7
Proseed	586RR	GLY	86	151	181	140	157	16.7
Kruger	1584RR	GLY	84	148	206	173	176	16.7
Dyna-Gro	51K95	GLY	85	162	203	168	178	16.8
NK	N20-R7	CB, LL	85	142	202	160	168	16.8
Renk	RK288YGCB	CB	86	186	246	178	203	16.9
Mycogen	2P172	GLY	84	150	214	150	171	16.9
Renk	RK244		83	130	183	142	151	16.9
Dahlman	R42-15CB	CB, GLY	85	148	215	125	163	16.9
NuTech	NT-3885 RR	GLY	84	142	205	171	173	16.9
Kruger	0186		86	122	182	146	150	16.9
Dyna-Gro	51P33	CB, GLY	85	145	201	143	163	16.9
Mycogen	2J271	GLY	87	158	204	158	174	16.9
Wensman	W 6086BtRR	CB, GLY	85	148	205	134	163	17.0
NK	N22-C2	CB, GLY, LL	87	135	219	144	166	17.0
Pioneer	39D85	CB, GLY, LL	87	151	198	150	166	17.0
Wensman	W 7087BtRWRR	CB, CRW, GLY	85	186	221	133	180	17.1
Kruger	2585RR/YGCB	CB, GLY	85	151	214	158	174	17.1
Jung	7202 RR/YGPL	CB, CRW, GLY	83	181	199	129	170	17.1
Dairyland Stealth	7685	CB, GLY	86	167	232	154	184	17.2
Croplan	238RR2/Bt	CB, GLY	85	192	225	190	203	17.2
Garst	8953IT	CLR	85	161	201	117	160	17.2
NuTech	NT-5383a RR/YGCB	CB, GLY	83	170	221	160	184	17.3
Kruger	6585TS	CB, CRW, GLY	85	178	228	141	182	17.3
Terning Seeds	TS 8102 RR/YGPL	CB, CRW, GLY	83	141	226	143	170	17.4
Proseed	687RR	GLY	87	166	207	151	175	19.1
Proseed	686HX	CB, LL	86	174	222	132	176	19.3
83 to 87 RM averages:				156	212	153	173	16.9

Table 6. Northern locations, 2006 (continued).

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Rothsay	Staples	Crookston	Bu/Acre	% Moisture
88 to 92 RM hybrids								
Kruger	5588BTLL	CB,LL	88	137	209	142	163	16.7
Kruger	1190RR	GLY	90	141	197	179	172	17.0
Wensman	W 4190		90	170	230	170	190	17.0
Jung	4220 RR/YGCB	CB,GLY	88	144	229	173	182	17.1
Pioneer	38W22	CB,LL	92	176	211	169	185	17.2
Termining Seeds	TS 8191 LL Bt-II	CB,LL	90	183	226	154	188	17.4
Renk	RK402		90	150	199	161	170	17.4
Kruger	2288RR/YGCB	CB,GLY	88	156	192	140	163	17.4
Proseed	688RR	GLY	88	156	202	156	171	17.4
Hyland Seeds	HL B33R	CB,GLY	89	161	235	193	196	17.5
Dekalb	DKC38-33	CB,GLY	88	143	228	111	161	17.5
Renk	RK438YGCB	CB	92	191	262	165	206	17.6
Kruger	1292RR	GLY	92	183	231	160	191	17.6
Dahlman	D45-15	CB	92	159	225	165	183	17.6
Dekalb	DKC40-08	CB,GLY	90	170	231	133	178	17.6
Garst	8917CB	CB,LL	92	177	211	129	173	17.7
Dairyland Stealth	7191	CB,GLY	91	152	206	169	176	17.7
Kruger	0692		92	150	206	149	168	17.7
Mycogen	2D324	GLY	92	166	223	154	181	17.7
NuTech	NT-1889 CB/LL	CB,LL	88	169	230	164	188	17.7
Dekalb	DKC41-64	CB,GLY	91	185	240	160	195	17.9
Wensman	W 6117BtRR	CB,GLY	92	186	247	154	196	18.0
Agsources	3566	CB,GLY	92	181	225	154	187	18.0
Termining Seeds	TS 8230 RR/YGCB	CB,GLY	92	181	231	181	198	18.0
Hyland Seeds	Juxxin		90	178	196	187	187	18.0
Peterson Farms Seed	76192	CB	92	168	225	160	184	18.1
Kruger	5589BTLL	CB,LL	89	153	208	181	181	18.1
NK	N27-W8	CB,LL	91	164	211	156	177	18.2
Seeds 2000	2922RRBt	CB,GLY	92	167	237	158	187	18.2
NuTech	NX-3090 RR	GLY	89	186	235	120	180	18.2
Kruger	0191		91	168	224	133	175	18.3
Kruger	9392RR/YGCB	CB,GLY	92	175	240	183	199	18.3
Legacy Seeds	L-2927 RRBt	CB,GLY	92	181	237	168	195	18.3
Wensman	W 7118BtRWRR	CB,CRW,GLY	92	157	253	139	183	18.3
Kruger	0192		92	145	212	144	167	18.3
Dahlman	R45-15	GLY	90	150	235	130	172	18.4
Dekalb	DKC42-88	CB,CRW,GLY	92	153	224	132	170	18.4
Jung	7418A RR/YGPL	CB,CRW,GLY	92	201	218	159	193	18.4
Hyland Seeds	HL 2368		91	194	225	185	201	18.4
Hyland Seeds	HL B282	CB	92	187	236	192	205	18.5
NuTech	NT-5191+ RR/YGCB	CB,GLY	90	159	210	143	171	18.5
Wensman	W 6092Bt	CB	89	138	213	179	177	18.7
Proseed	P92RRBt	CB,GLY	92	156	214	161	177	18.7
NuTech	NT-9191+ RR/YGPL	CB,CRW,GLY	90	184	240	147	190	18.8
Renk	RK438RRYGPL	CB,CRW,GLY	92	183	238	146	189	19.0
Kruger	9392TS	CB,CRW,GLY	92	152	234	118	168	19.0
Kruger	2688RR/YGCB	CB,GLY	88	131	208	88	142	19.2
Dahlman	R45-15YGP	CB,CRW,GLY	92	174	216	157	182	19.2
88 to 92 RM averages:				166	223	155	182	18.0

Table 6. Northern locations, 2006 (continued).

Source/Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Rothsay	Staples	Crookston	Bu/Acre	% Moisture
93 and later RM hybrids								
Kruger	9593RR/YGCB	CB, GLY	93	172	208	163	181	17.2
Kruger	5593BTLL	CB, LL	93	171	213	175	186	17.8
Dairyland Stealth	5194	CB	94	184	218	173	192	18.0
Pioneer	38M59	CB	95	184	224	177	195	18.1
NuTech	NT-9197 RR/YGPL	CB, CRW, GLY	95	158	223	140	174	18.2
Kruger	9496RR	GLY	95	169	228	166	188	18.3
Pioneer	38K46		93	149	243	146	179	18.4
NuTech	NT-5696 RR/YGCB	CB, GLY	95	200	258	179	212	18.4
Jung	7437 RR/YGPL	CB, CRW, GLY	94	165	233	143	180	18.5
Kruger	9496		95	165	237	170	190	18.6
Dairyland Stealth	9194	CB, CRW, GLY	94	143	227	144	171	18.6
Kruger	1195RR	GLY	95	197	247	179	208	18.8
Kruger	9496YGCB	CB	96	175	246	188	203	18.9
Renk	RK488YGCB	CB	96	169	248	180	199	19.0
Proseed	95504Bt	CB	95	188	251	177	205	19.0
NuTech	NT-3995 RR	GLY	95	179	257	178	205	19.3
Kaltenberg	K4012RRBt	CB, GLY	97	186	264	190	213	19.3
NuTech	NT-4595 YGCB	CB	94	208	253	179	213	19.3
NuTech	NT-4596 YGCB	CB	95	168	239	165	190	19.4
NuTech	NT-8494 YGPL	CB, CRW	94	157	228	138	174	19.6
Kaltenberg	K4688Bt	CB	96	173	239	164	192	19.7
Hyland Seeds	HL 2492		95	172	219	136	176	21.1
93 and Later RM averages:				174	236	166	192	18.8
Northern locations averages:				161	217	154	177	17.6
LSD(0.20)				20	18	27	13	0.5