



CORN GRAIN

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 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: Staples and Rothsay.

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. For this reason, 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 2004. Reported yields are adjusted to 15.5% grain moisture. Hybrids are ranked within a maturity group by moisture content averaged across locations for 2004.

Least Significant Difference

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

Companies participating in the 2004 hybrid corn grain trials.

Access Seed, 980 Fox Ridge Road, Dike, IA 50624	www.krugersseed.com
Ag Source Seeds, Inc., 1800 L. Ave, Nevada IA, 50201	www.agsourceseeds.com
Albert Lea Seed House (Viking Hybrids), Box 127, 1414 W. Main, Albert Lea, MN 56007	www.alseed.com
Anderson Seeds, 37825 County Rd. 63, St. Peter, MN 56082	njandrsn@hickorytech.net
Brown Seed Farms Inc., P.O. Box 7, Bay City, WI 5423	www.browngenetics.com
Crown Hybrid Corn Co., Box 306, Milford, IL 60953	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
DynaGro, 221 W Lake Lansing Rd 102 East, East Lansing, MI 48823	www.growers.net
Epley Bros. Hybrids, Inc., P.O. Box 310, Shell Rock, IA 50670	www.epleyseed.com
Farm Advantage, 1275 Hwy 69, Belmond IA 50421	www.farmadvatage.com
Garst Seed Co & Agripro Seeds, 2369 330th St., Box 500, Slater, IA	www.garstseed.com
Gold Country Seed Inc., 16506 Hwy 15 North, P.O. Box 0604, Hutchinson, MN 55350-0604	www.goldcountryseed.com
Golden Harvest / Golden Seeds Co., 27525 135th Ave N, Cordova IL 61242	www.goldenharvestseeds.com
Hyland Seeds, 2 Hyland Drive, Blenheim, Ontario, Canada NOP 1A0	www.hylandseeds.com
Jung Farms Inc., 341 So. High St., Randolph, WI 53956	www.jungseedgenetics.com
Kaltenberg Seeds, P.O. Box 278, Waunakee, WI 53597	www.kaltenbergseeds.com
Kruger Seed Co., 33938 160th St., Dike, IA 50624	www.krugersseed.com
L.G. Seeds Inc., 22827 Shissler Rd., Elwood IL 61529	www.lgseeds.com
Mallard Seed Co., Inc., Plainview, MN 55964	www.mallardseed.com
Monsanto Co. (Dekalb), 3100 Sycamore Rd., DeKalb, IL 60115	www.monsanto.com
Mycogen Seeds, 9330 Zionsville Road, Indianapolis, IN 46268	www.dowagro.com/mycogen/index.htm
Nutech/Thompson Seeds, 6131 North Fork Rd., Ames, IA 50010	www.nutechseed.com
Pfister Hybrid Corn Co., 187 N Fayette St., El Paso, IL 61738	www.pfisterhybrid.com
Pioneer Hi-Bred Int'l, Inc., 99 Navaho Ave Suite 101A, Mankato, MN 56001	www.pioneer.com/usa/
RAGT Semences, Rue Emile Single - Site de Bourran, FR 12033 Rodez cedex 9	www.ragt.de/index.cfm
Renk Seed Co., 6800 Wilburn Rd., Sun Prairie, WI 53590	www.renkseed.com
Sand Seed Service, Box 648, 4765 Hwy 143, Marcus, IA 51035	www.sandsofiowa.com
Seeds 2000, Box 200, Breckenridge, MN 56520	www.seeds2000.net
Top Farm Hybrids, P.O. Box 850, Cokato, MN 55321	www.top-farm.com
Trelay, Inc. (High Cycle by Trelay), 11623 Hwy 80, Livingston, WI 53554	www.trelay.com
Trisler Seed Farms, Inc., 3274 E 800 North Rd., Fairmount, IL 61841	www.trisler.com
Wensman Seed Co., Box 190, Wadena, MN 56482	www.wensmanseed.com

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, Pounds56
 Planting Rate, Seeds/Acre33,000
 Planting DateApril 15 – May 5

Individual hybrid corn trial information, 2004.

Location	Cooperators	Previous Crop	Planting Date	Harvest Dates
Lamberton	Steve Quiring	Soybean	April 27	October 16
Waseca	Tom Hoverstad	Soybean	April 28	October 28
Plainview	Fritz Brietenbach Bruce Ihrke	Soybean	May 4	November 4-5
Morris	George Nelson	Wheat	May 4	October 19, early hybrid October 26-27, late hybrids
Rosemount	Jerry Holz	Soybean	May 5	October 26
Staples	Norman Krause	Dark Red Kidney Beans	May 14	November 2
Rothsay	George Nelson Troy Larson	Wheat	May 3	October 25

Early-maturity hybrids, southern locations, 2004.

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at			Average Across Locations	
			Lamberton	Plainview	Waseca	Bu/Acre	% Moisture
97 and earlier RM hybrids							
Kruger	9392RR	92	188	234	173	198	18.9
Anderson	94YR	94	179	214	167	187	19.0
Access	A-5293YGCB	93	160	213	155	176	19.1
NuTech	EX 592 RRYGCB	91	175	207	172	184	19.2
Crows	1703 B	95	197	233	197	209	19.2
NuTech	5592 YGCB	91	181	202	164	182	19.4
NuTech	3595 RR	93	189	233	202	208	19.5
NuTech	6595 YGRW	96	178	231	184	198	19.5
Renk	RK488YGCB	96	192	232	196	207	19.6
Kruger	9496 YGCB	94	176	240	200	205	19.7
Epley	E1150YGCB	95	210	243	178	210	19.7
Dahlman	D48-01	96	183	228	183	198	19.7
Access	A-1597RR	97	179	237	215	211	19.7
NuTech	4595+ YGCB	93	190	229	195	205	19.7
Golden Harvest	H-7007Bt	96	201	229	202	211	19.7
Dekalb	DKC47-10	97	187	228	193	203	19.7
Gold Country	94-01CB	94	214	222	200	212	19.8
Dahlman	R48-15	95	178	231	204	204	19.8
Anderson	797Y	96	185	239	203	209	19.9
Kaltenberg	K4688Bt	96	207	245	199	217	19.9
Dahlman	D47-47	94	196	228	201	208	20.0
NuTech	4393 YGCB	93	208	207	183	199	20.0
Kruger	5594YGCB	96	196	208	201	202	20.0
Viking	Bt 7293	96	197	231	192	207	20.1
Garst	8880YG1	95	204	236	184	208	20.2
Dahlman	D48-15	95	196	227	183	202	20.5
Pioneer	37A91	97	221	241	190	217	21.4
97 and earlier RM averages:			191	228	190	203	19.7
98 to 101 RM Hybrids							
Access	A-1500RR	100	193	247	197	212	18.9
Dairyland	Stealth-5497	98	183	240	202	208	19.4
Dekalb	DKC50-20	100	203	247	216	222	20.0
NuTech	4999 YGCB	98	212	228	218	219	20.2

Early-maturity hybrids, southern locations, 2004 (continued).

Source/Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at			Average Across Locations	
			Lamberton	Plainview	Waseca	Bu/Acre	% Moisture
98 to 101 RM Hybrids, continued							
High Cycle by Trelay	HC7454YGCB	98	213	217	220	217	20.2
Dekalb	DKC50-18	100	215	241	192	216	20.3
Top Farm	2301	100	185	210	211	202	20.4
Viking	B6573	100	204	230	204	212	20.6
LG Seeds	LG2489Bt	100	214	224	190	209	20.6
Anderson	100YR	100	196	218	223	212	20.7
Viking	HL 6592	101	223	221	199	214	20.8
Pioneer	38H67	98	181	233	193	203	20.9
Renk	RK632YGCB	99	232	235	205	224	21.0
LG Seeds	LG2494	100	184	222	199	202	21.1
NuTech	EX 305 RR	99	210	256	220	229	21.2
Sands	SOI 9013	101	197	216	213	209	21.3
High Cycle by Trelay	HC5B353	100	235	239	222	232	21.4
Garst	8787YG1	101	229	245	241	238	21.4
NuTech	3003 RR	99	212	226	216	218	21.6
NuTech	Ex. 200RR	99	190	207	198	199	21.9
Pfister	1688Bt	99	225	229	209	221	22.0
High Cycle by Trelay	HC7560YGCB	100	217	233	207	219	22.0
Pfister	2060Bt	99	194	223	240	219	22.1
NuTech	2202 HX	101	237	241	184	221	22.1
Trisler	T-2744CB	101	216	208	232	219	22.2
NuTech	4202 YGCB	101	217	240	211	223	22.2
Wensman	W 6315BIRR	101	233	221	236	230	22.5
Wensman	W 7309RWRR	101	186	208	195	196	22.7
NuTech	5101+ RR/YGCB	101	213	211	219	215	22.8
Pfister	1680Bt	99	202	219	238	220	22.9
NuTech	4303 YGCB	101	236	215	223	225	23.3
Trisler	T-2475CB	100	214	229	207	217	23.9
98 to 101 RM averages:			209	228	212	216	21.4
102 to 103 RM Hybrids							
Kruger	9002 YGCB	102	228	259	231	239	19.7
Dekalb	DKC52-47	102	202	244	220	222	20.0
Renk	RK652LLYGCB	103	213	244	206	221	20.7
NuTech	4403 YGCB	103	199	243	232	225	21.2
Kaltenberg	K5215Bt	102	225	229	232	229	21.2
Sands	SOI 103YGCB	103	200	226	198	208	21.2
Access	A-2103RR/YGCB	103	202	222	211	212	21.2
Dekalb	DKC52-21	102	211	236	230	226	21.5
Viking	Bt 5370	103	227	221	200	216	21.7
Kruger	9306 YGCB	103	220	234	203	219	21.7
Garst	8745YG1/RR	102	203	236	231	223	21.8
NuTech	5702 RR/YGCB	102	208	239	190	212	21.8
Anderson	6005	102	206	220	179	202	21.9
Access	A-5504YGCB	102	250	221	248	240	22.2
Access	A-8503HX	103	201	237	211	216	22.5
Top Farm	2300	103	198	209	192	199	22.5
Garst	NE634IT	103	242	242	202	229	22.6
Kruger	9203 RR/YGCB	103	210	237	230	226	22.6
Renk	RK636RRYGCB	102	208	234	210	217	22.8
Trisler	T-2757CB	103	194	189	228	204	22.9
Anderson	C102R	102	200	209	167	192	23.0

Early-maturity hybrids, southern locations, 2004 (continued).

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at			Average Across Locations	
			Lamberton	Plainview	Waseca	Bu/Acre	% Moisture
102 to 103 RM Hybrids continued							
Farm Advantage	1023 HX	102	196	205	245	215	23.0
Epley	E1442	102	195	213	230	213	23.4
High Cycle by Trelay	HC7601YGCB	103	215	205	188	203	23.6
Access	A-5503YGCB	103	232	204	209	215	23.7
Crows	2780 B	103	223	207	206	212	23.9
Sands	SOI 9033	103	194	211	191	199	23.9
Gold Country	103-02CB	103	193	191	208	197	24.4
Epley	E1430YGCB	103	220	215	198	211	24.8
102 to 103 RM averages:			211	224	211	215	22.3
Southern locations, early maturity averages:			204	226	205	212	21.2
LSD (0.20)			20	13	25	12	0.7

Late-maturity hybrids, southern locations, 2004.

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at			Average Across Locations	
			Lamberton	Plainview	Waseca	Bu/Acre	% Moisture
104 RM and later hybrids							
Renk	RK772YGCB	104	215	244	192	217	20.2
Access	A-5705YGCB	105	208	229	202	213	20.5
Anderson	4033	106	183	222	210	205	20.6
Access	A-5405YGCB	105	204	226	234	221	20.7
Dairyland	Stealth-5503	105	203	219	226	216	20.8
Jung	6580YGCB	104	211	252	217	226	20.9
Golden Harvest	H-7990Bt	104	210	217	202	210	21.1
NuTech	Ex. 104A YGCB	104	194	219	189	201	21.1
NuTech	Ex. 205 YGCB	104	229	234	249	237	21.3
Golden Harvest	Ex48338Bt	106	198	229	179	202	21.3
Anderson	106Yr	106	191	221	202	204	21.4
Anderson	105Y	105	216	221	190	209	21.5
Gold Country	1016RRBt	104	177	222	181	193	21.6
Access	A-1006RR	105	209	206	219	211	21.7
Kruger	9505	105	209	203	228	213	21.7
High Cycle by Trelay	HC5B739	104	208	234	191	211	21.7
Viking	BR6316	104	198	226	215	213	21.7
Renk	RK700YGCB	105	212	213	243	223	21.8
NuTech	3006 RR	106	207	217	225	217	21.8
Anderson	4320	107	195	222	173	197	21.9
NuTech	4607 YGCB	106	198	231	234	221	22.0
Dekalb	DKC54-51	104	230	217	198	215	22.0
Viking	B 5303	104	213	212	207	211	22.1
Viking	4520	107	168	201	212	194	22.1
Dairyland	Stealth-5104	104	197	203	221	207	22.2
Jung	6545YGCB	105	227	216	205	216	22.4
Epley	E2410YGCB	107	184	217	148	183	22.5
Kruger	9508	108	213	200	194	202	22.6
Dairyland	Stealth-1606RR	107	193	234	185	204	22.6
Dekalb	DKC58-80	108	240	216	234	230	22.6
Garst	8578IT	108	178	230	186	198	23.0

Late-maturity hybrids, southern locations, 2004 (continued).

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at			Average Across Locations	
			Lamberton	Plainview	Waseca	Bu/Acre	% Moisture
104 RM and later hybrids, continued							
Garst	NE 685IT	106	221	213	209	215	23.1
Epley	E2412	106	204	205	206	205	23.2
Pioneer	34N44	110	210	218	217	215	23.2
Wensman	W 6318Bt	104	217	233	195	215	23.2
LG Seeds	LG2533	105	174	228	217	206	23.3
Top Farm	9305RY	104	188	209	154	184	23.3
Kruger	5110YGCB	107	198	185	200	194	23.5
Access	A-2506RR/YGCB	106	217	209	196	207	23.7
Pioneer	35Y67	106	231	240	241	237	23.7
High Cycle by Trelay	HC7698RR/YGCB	107	211	209	208	209	23.7
Viking	B5313	105	228	212	216	219	23.7
NuTech	4407 YGCB	107	209	205	191	202	23.9
Access	A-8407HX	107	179	191	185	185	24.3
NuTech	Ex. 539 YGCB	108	224	196	192	204	24.5
NuTech	EX 308 YGCB	107	219	217	189	208	24.5
Wensman	W 5417Bt	107	196	228	177	200	24.6
Wensman	W 6422BtRR	107	228	207	201	212	24.7
NuTech	313	108	236	204	181	207	24.7
Wensman	W 5437Bt	110	212	195	219	209	24.8
Kruger	9510	108	202	167	198	189	25.3
NuTech	110	108	209	172	171	184	25.5
NuTech	608	108	200	181	220	200	26.2
RAGT	MX337	108	167	200	134	167	26.5
Access	A-1506RR	106	176	173	192	180	30.0
Southern locations, late maturity averages:			205	214	202	207	22.9
LSD (0.20)			20	17	30	13	0.7

Early-maturity hybrids, central locations, 2004.

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at		Average Across Locations		
			Morris	Rosemount	Bu/Acre	% Moisture	
92 and earlier RM hybrids							
Dekalb	DKC40-05	90	199	164	181	19.6	
NuTech	1888 LL/BT	87	209	166	187	19.8	
NuTech	EX 592 RRYGCB	91	185	161	173	20.2	
NuTech	EX 990 RRYGCB	90	179	168	173	20.6	
Dairyland	Stealth-7191	91	176	176	176	20.6	
Kruger	2291RR/YGCB	91	152	169	161	20.8	
NuTech	5990 RR/YGCB	90	158	167	163	20.9	
NuTech	4191 YGCB	90	195	174	185	21.1	
Dairyland	Stealth-1592	91	169	173	171	21.2	
Wensman	W 7111RWRR	92	179	176	177	21.4	
NuTech	5592 YGCB	91	157	165	161	21.5	
Kruger	9392 RR/YGCB	90	207	187	197	21.5	
Kruger	9392 YGCB	90	195	180	187	21.5	
Dyna-Gro	53F49	92	192	188	190	21.6	
Wensman	W 6116RR	91	200	173	186	21.6	
Wensman	W 6117BtRR	92	199	182	191	22.1	

Early-maturity hybrids, central locations, 2004 (continued).

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at		Average Across Locations	
			Morris	Rosemount	Bu/Acre	% Moisture
92 RM and earlier hybrids continued						
High Cycle by Trelay	HC7242YGCB	90	202	187	194	22.1
Wensman	W 5117Bt	92	193	177	185	22.1
Garst	8921YG1/RR	92	204	178	191	22.1
Kruger	9392RR	92	195	185	190	22.3
Renk	RK438YGCB	92	185	181	183	22.6
NuTech	5292 RR/YGCB	90	169	156	163	22.7
Mallard	3411CB	92	175	167	171	22.7
Dekalb	DKC42-95	92	209	178	194	22.8
NuTech	1992 LL/BT	90	205	178	192	23.3
Hyland Seeds	HL2368	92	189	174	181	23.8
Hyland Seeds	HLR234	92	187	171	179	24.4
92 RM and earlier averages:			187	174	181	21.7
93 to 95 RM hybrids						
Access	A-2193RR/YGCB	93	180	178	179	20.4
Anderson	94YR	94	180	163	172	20.8
Seeds 2000	2944RRBt	94	158	169	163	20.8
Access	A-5293YGCB	93	158	163	160	21.6
Dairyland	Stealth-5194	94	178	175	177	22.4
Top Farm	8395RR	95	204	186	195	22.6
Renk	RK452LLYGCB	94	202	178	190	22.8
Wensman	W 6212RR	95	188	195	192	23.4
NuTech	4595 YGCB	93	207	179	193	23.8
Seeds 2000	2933Bt	93	185	165	175	23.9
NuTech	4595+ YGCB	93	188	185	186	24.1
Dairyland	Stealth-5692	93	192	169	180	24.1
NuTech	4393 YGCB	93	183	176	180	24.2
Dekalb	DKC44-46	94	178	177	178	24.2
NuTech	3595 RR	93	189	199	194	24.2
Dyna-Gro	53F09	95	200	186	193	24.3
Wensman	W 7212RW	95	192	183	188	24.3
Kruger	9496 YGCB	94	191	173	182	24.4
Garst	8880YG1	95	200	183	191	24.6
Seeds 2000	2953	95	171	176	174	24.7
Dahlman	R48-15	95	171	192	181	24.8
Gold Country	94-01CB	94	190	179	185	24.8
Dahlman	D48-15	95	183	185	184	25.0
Hyland Seeds	HLB282	93	175	175	175	25.5
Jung	6432YGCB	95	185	177	181	25.6
Dahlman	D47-47	94	176	173	175	25.8
93 to 97 RM averages:			185	178	182	23.7
Central locations, early maturity averages:			186	176	181	22.7
LSD(0.20)						

Late-maturity hybrids, central locations, 2004.

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at		Average Across Locations	
			Morris	Rosemount	Bu/Acre	% Moisture
100 and earlier RM hybrids						
Anderson	7902	96	180	172	176	23.2
Kruger	5594YGCB	96	190	173	182	22.2
Dekalb	DKC47-10	97	171	176	174	22.4
Wensman	W5212Bt	96	191	172	182	22.5
Dekalb	DKC48-52	98	180	187	183	22.6
High Cycle by Trelay	HC7454YGCB	98	187	200	193	22.6
Seeds 2000	2953Bt	96	179	175	177	22.6
Dahlman	D48-01	96	186	158	172	22.9
Renk	RK488YGCB	96	159	164	162	22.9
Access	A-1597RR	97	188	165	176	23.1
LG Seeds	LG2463Bt	96	191	182	187	23.3
Mallard	Bt-2430	96	174	158	166	23.3
Anderson	797Y	96	178	164	171	23.3
Pioneer	37A91	97	208	167	188	23.4
Access	A-1500RR	100	179	174	176	23.4
Kaltenberg	K4666RR	96	173	182	178	23.5
Dairyland	Stealth-6497	97	180	185	182	23.5
Pfister	1499Bt	98	154	155	155	23.6
Mycogen	2R426	96	166	169	167	23.6
Anderson	C795	96	175	170	172	23.7
NuTech	6595 YGRW	96	174	170	172	23.9
AgSource	3933	100	188	179	183	24.1
High Cycle by Trelay	HC7560YGCB	100	188	190	189	24.1
Garst	NE769YG1	99	169	148	158	24.2
Renk	RK632YGCB	99	195	190	193	24.2
Dekalb	DKC50-20	100	173	173	173	24.3
Dairyland	Stealth-5497	98	171	171	171	24.6
Top Farm	2301	100	147	152	149	24.8
Pioneer	38H67	98	193	172	183	24.9
Anderson	100YR	100	164	168	166	24.9
NuTech	4999 YGCB	98	179	161	170	24.9
High Cycle by Trelay	HC5B578	100	171	164	167	25.4
Wensman	W 6274RR	98	141	173	157	25.6
LG Seeds	LG2494	100	148	162	155	25.7
NuTech	EX 305 RR	99	175	179	177	25.8
NuTech	3003 RR	99	169	178	173	26.1
LG Seeds	LG2489Bt	100	160	167	163	26.4
NuTech	5101 RR/YGCB	99	193	181	187	26.9
High Cycle by Trelay	HC5B353	100	182	173	177	27.4
NuTech	Ex. 200RR	99	168	157	163	27.6
Pfister	1680Bt	99	177	175	176	28.8
RAGT	MX444	96	188	175	181	28.9
Pfister	1688Bt	99	156	190	173	29.5
Pfister	2060Bt	99	136	173	155	31.2
100 RM and earlier averages:			175	172	173	24.7

Late-maturity hybrids, central locations, 2004 continued.

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at		Average Across Locations	
			Morris	Rosemount	Bu/Acre	% Moisture
Later than 100 RM hybrids						
Kruger	9002 YGCB	102	195	146	170	21.6
Renk	RK772YGCB	104	175	159	167	24.5
NuTech	4403 YGCB	103	188	178	183	24.9
Kaltenberg	K5244RRBt	102	213	165	189	25.0
Mallard	EXP 05-01	101	197	185	191	26.0
NuTech	5702 RR/YGCB	102	173	175	174	26.1
Jung	6573YGCB	102	159	150	155	26.1
Renk	RK652LLYGCB	103	166	189	178	26.2
Kaltenberg	K5717RRBt	105	157	171	164	26.3
NuTech	4202 YGCB	101	189	161	175	26.4
Access	A-2103RR/YGCB	103	168	173	171	26.6
Kruger	9203 YGCB	103	160	155	157	26.6
High Cycle by Trelay	HC7694RR/YGCB	101	164	156	160	26.9
Wensman	W 5314Bt	101	166	148	157	27.2
Wensman	W 6315BtRR	101	163	155	159	27.2
Kruger	9203 RR/YGCB	103	157	153	155	27.3
AgSource	4556	105	175	179	177	27.4
NuTech	5101+ RR/YGCB	101	175	150	163	27.4
Mycogen	2K541	103	175	147	161	27.5
Access	A-5504YGCB	102	177	185	181	27.5
Garst	8745YG1/RR	102	179	163	171	27.6
Wensman	W 7309RWRR	101	158	187	172	28.0
Renk	RK636RRYGCB	102	151	158	155	28.1
Garst	8787YG1	101	152	167	160	28.2
Access	A-1006RR	105	176	162	169	28.5
Access	A-5705YGCB	105	164	194	179	28.7
Access	A-5405YGCB	105	165	187	176	29.0
AgSource	Exp. 41053HX	105	174	156	165	29.1
Access	A-8503HX	103	173	173	173	29.1
NuTech	2202 HX	101	165	172	169	29.4
Access	A-5503YGCB	103	176	170	173	29.6
NuTech	4303 YGCB	101	175	175	175	29.6
Dairyland	Stealth-5104	104	177	169	173	29.7
Mycogen	2R570	104	157	171	164	30.2
High Cycle by Trelay	HC7601YGCB	103	170	172	171	30.3
Mallard	EXP 05-02	105	144	163	153	31.4
Kruger	9505	105	152	173	162	31.6
Wensman	W 5417Bt	107	175	179	177	31.9
NuTech	4607 YGCB	104	165	158	161	32.1
Wensman	W 6422BtRR	107	169	165	167	32.2
Wensman	W 6318Bt	104	178	173	176	32.3
NuTech	313	108	149	155	152	33.0
Later than 100 RM averages:			170	167	169	28.2
Central locations, late maturity averages:			172	170	171	26.4
LSD(0.20)			14	15	10	0.9

Northern locations, 2004.

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at		Average Across Locations	
			Rothsay	Staples	Bu/Acre	% Moisture
82 and earlier RM hybrids						
Hyland Seeds	HL2093	76	103	125	114	24.5
Hyland Seeds	HL2222	79	111	143	127	24.8
NuTech	Ex. 83 RR	82	137	133	135	25.8
NuTech	3383 RR	81	146	148	147	26.2
NuTech	EX 83A RR	82	145	140	143	26.8
NuTech	1883 LL/BT	82	124	122	123	26.8
RAGT	MX227	80	139	145	142	27.0
NuTech	5884 RR/YGCB	82	138	134	136	27.1
Hyland Seeds	HL2232	79	114	140	127	27.2
Wensman	W 5081Bt	82	129	144	136	27.4
Wensman	W 6082BtRR	82	137	134	136	27.5
Kaltenberg	K2404	81	134	138	136	27.8
NuTech	4383 YGCB	82	143	145	144	28.2
Dairyland	Stealth-1476	76	121	117	119	29.5
NuTech	5383 RR/YGCB	82	133	121	127	29.6
82 and earlier RM averages:			130	135	133	27.1
83 to 87 RM hybrids						
Dairyland	Stealth-6685	85	159	152	155	25.3
Renk	RK232	85	123	120	122	25.8
Dekalb	DKC35-02	85	128	142	135	26.0
Dahlman	R42-15	85	131	148	140	26.2
Wensman	W 5085Bt	85	168	151	159	26.4
Seeds 2000	2842RRBt	84	157	136	147	26.5
Wensman	W 4085	84	154	134	144	26.5
LG Seeds	LG2355	84	140	147	143	26.8
Wensman	W 6085RR	84	146	151	148	26.9
Hyland Seeds	HLR288	85	136	143	140	27.3
Hyland Seeds	HL2288	85	140	138	139	27.4
Renk	RK224RR	84	137	141	139	27.6
Mycogen	2R194	85	153	138	145	27.7
Dekalb	DKC37-14	87	143	134	138	27.7
AgSource	Exp. 40843	85	139	128	133	27.8
Mallard	EXP 05-03	84	153	139	146	27.8
Top Farm	8385RY	83	126	138	132	27.9
Seeds 2000	2821Bt	83	142	142	142	28.0
NuTech	3585 RR	84	134	134	134	28.0
AgSource	2663	85	148	146	147	28.2
Wensman	W 6089BtRR	84	143	137	140	28.3
Renk	RK288YGCB	86	139	153	146	28.3
Hyland Seeds	HLB264	86	143	148	146	28.4
Brown's	2733	85	123	114	118	28.6
Pioneer	39D82	87	138	144	141	28.7
NuTech	1888 LL/BT	87	130	145	138	29.0
Dyna-Gro	51F23	84	140	140	140	29.0
Renk	RK282	84	115	95	105	31.4
Kaltenberg	K2717RRBt	85	113	110	112	32.9
RAGT	MX152-Bt	87	129	126	128	33.4
83 to 87 RM averages:			139	137	138	28.0

Northern locations, 2004 (continued).

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at		Average Across Locations	
			Rothsay	Staples	Bu/Acre	% Moisture
88 to 92 RM hybrids						
Dekalb	DKC40-05	90	151	148	149	27.5
Wensman	W 7111RWRR	92	129	130	130	27.9
Mycogen	2H243	88	131	134	133	28.0
Dahlman	D44-11	88	144	149	147	28.1
NuTech	5592 YGCB	91	134	129	131	28.5
Dyna-Gro	53P76	92	131	130	130	29.1
NuTech	EX 990 RRYGCB	90	146	132	139	29.4
Dairyland	Stealth-7191	91	149	144	146	29.4
NuTech	5990 RR/YGCB	90	123	136	129	29.6
Kruger	2291RR/YGCB	91	135	124	130	30.0
NuTech	3191 RR	90	142	135	138	30.0
Dekalb	DKC39-48	89	139	126	133	30.1
NuTech	EX 592 RRYGCB	91	127	110	119	30.3
Pioneer	39F28	89	144	135	139	30.6
Top Farm	9391RY	92	141	119	130	30.6
Dekalb	DKC42-95	92	139	137	138	30.7
Wensman	W 6117BIRR	92	147	137	142	30.7
Kruger	9392RR	92	144	140	142	31.1
Wensman	W 6116RR	91	152	155	153	31.2
Pioneer	38W22	92	138	146	142	31.8
Dahlman	R45-15	90	144	148	146	31.8
RAGT	MX156	91	149	132	141	31.8
NuTech	4191 YGCB	90	116	132	124	31.9
Kaltenberg	K3919RRBt	92	124	138	131	32.1
Kruger	9392 YGCB	90	142	143	142	32.2
Kruger	9392 RR/YGCB	90	128	161	145	32.3
RAGT	MX155-Bt	89	127	128	127	32.5
Renk	RK438YGCB	92	141	131	136	32.5
LG Seeds	LG2407Bt	92	133	128	131	32.8
Dahlman	D45-15	92	147	139	143	33.1
Brown's	3000YGCB	90	143	128	136	33.1
Mallard	RRBt 5810	90	104	101	103	33.1
Pioneer	38R92	92	143	127	135	33.2
Dairyland	Stealth-1690	90	135	122	129	33.5
Jung	6418RR/YGCB	92	124	121	122	33.7
NuTech	5292 RR/YGCB	90	115	121	118	33.7
Wensman	W 5117Bt	92	145	133	139	34.2
NuTech	1992 LL/BT	90	140	125	132	35.4
Dahlman	D45-47	88	131	113	122	35.4
Top Farm	2490	91	108	128	118	36.3
RAGT	MX334	92	135	132	133	37.0
88 to 92 RM averages:			136	132	134	31.6

Northern locations, 2004 (continued).

Source / Brand	Hybrid	Relative Maturity	Yield, Bushels/Acre at		Average Across Locations	
			Rothsay	Staples	Bu/Acre	% Moisture
93 and later RM hybrids						
Access	A-2193RR/YGCB	93	136	111	124	29.8
Mycogen	2T336	93	136	135	135	29.9
Access	A-5293YGCB	93	108	110	109	31.3
NuTech	3595 RR	93	136	137	136	31.8
Seeds 2000	2953Bt	96	146	146	146	32.7
Mycogen	2K350	93	136	137	136	32.9
Top Farm	2395	95	150	128	139	33.0
Wensman	W 6212RR	95	142	136	139	33.2
NuTech	4393 YGCB	93	135	124	130	33.5
AgSource	3563	95	136	138	137	33.5
Dairyland	Stealth-5194	94	122	134	128	33.5
Wensman	W5212Bt	96	145	136	141	33.5
Wensman	W 4212	95	144	138	141	33.8
NuTech	4595+ YGCB	93	143	134	139	33.8
Kruger	9496 YGCB	94	149	132	140	33.9
Renk	RK488YGCB	96	143	126	135	34.0
Wensman	W 7212RW	95	153	128	140	34.1
NuTech	6595 YGRW	96	121	127	124	34.2
Jung	6432YGCB	95	137	130	134	34.2
NuTech	4595 YGCB	93	137	138	138	34.3
Mycogen	2R426	96	135	151	143	34.3
Kruger	5594YGCB	96	144	141	143	34.4
Dekalb	DKC44-46	94	137	112	124	35.2
Renk	RK452LLYGCB	94	135	134	135	35.9
AgSource	Exp. 41923	95	141	117	129	36.0
Dairyland	Stealth-5692	93	127	103	115	39.3
93 and later RM averages:			137	130	134	33.7
Northern locations averages:			136	134	135	30.5
LSD(0.20)			14	12	9	1.1