

**Corn Grain: Tom Hoverstad, Wade Ihlenfeld, Matt Bickell, Jeff Coulter, George Nelson, Steve Quiring and Mark Hanson**

The Minnesota Corn Evaluation Program was conducted by the University of Minnesota Agricultural Experiment Station to provide unbiased information for use by corn growers when they choose which brand of corn to buy and grow. The program was financed in part by entry fees from private seed companies that chose to place their entries for testing.

**Test Locations**

Test zones, locations and maturities are as follows:

Southern Zone: Lamberton, Rochester and Waseca  
*Early Maturity Trial* - 103 Relative Maturity (RM) and earlier entries  
*Late Maturity Trial* - 104 RM and later entries

Central Zone: Hutchinson, Morris and Rosemount  
*Early Maturity Trial* - 96 RM and earlier entries  
*Late Maturity Trial* - 97 RM and later entries

Northern Zone <sup>1</sup>: Crookston, and Staples <sup>2</sup>

<sup>1</sup> only two sites were planted in the northern zone this year because of wet conditions a third set was planted in Waseca but the data are averaged across Crookston and Staples Zone

<sup>2</sup> the Staples site suffered hail damage in the late milk stage. Estimates are 80% leaf loss and 35% yield reductions

**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 entries in each test. All locations tested three replications for each entry.

**Presentation of Data**

Yields are given for individual locations along with yields and harvest moisture contents averaged across locations for 2014. Reported yields are adjusted to 15.5% grain moisture. Entries are ranked within a maturity group by moisture content averaged across locations for 2014.

**Identification of Traits**

Genetic modifications of entries will be 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

**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 entries is likely to be a real difference or just natural variation.

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

## Companies participating in the 2014 corn grain trials

AgriGold Hybrids: Rt.1 Box 203 St Francisville, IL 62460: [www.agrigold.com](http://www.agrigold.com)

Albert Lea Seed House (Viking Hybrids): Box 127, 1414 W. Main, Albert Lea, MN 56007: [www.alseed.com](http://www.alseed.com)

Anderson Seeds: 37825 Co. Road 63, St. Peter, MN 56082

Blue River Hybrids: 27087 Timber Road, Kelley IA 50134: [www.blueriverorgseed.com](http://www.blueriverorgseed.com)

Dalhman Seed Co.: 73504 200th Street, Dassel, Minnesota 55325: [www.dahlmanseed.com](http://www.dahlmanseed.com)

Dairyland Seed Co., Inc.: Box 958, West Bend, WI 53095: [www.dairylandseed.com](http://www.dairylandseed.com)

Dekalb (Monsanto Co.): 102 W. Carol Ave., Courtland, IL 60112: [www.dekalb.com](http://www.dekalb.com)

Dupont Pioneer: 151 Saint Andrews Ct., : [www.pioneer.com](http://www.pioneer.com)

Hyland Seeds (Dow Agrosiences Canada): 2 Hyland Drive, Blenheim, Ontario, Canada NOP 1A0: [www.hylandseeds.com](http://www.hylandseeds.com)

Legacy Seeds Inc.: 1937 Spindt Dr. Waupaca, WI 54981: [www.legacyseeds.com](http://www.legacyseeds.com)

Mycogen Seeds: 1413 Jenson Road, Eau Claire, WI 54701: [www.mycogen.com](http://www.mycogen.com)

Nuseed: 115 N Third St. Breckenridge, MN 56020: [www.seeds2000.net](http://www.seeds2000.net)

NuTech Seed: 415 South Duff, Suite C, Ames, IA 50010: [www.nutechseed.com](http://www.nutechseed.com)

Peterson Farms Seed: 3104 164<sup>th</sup> Ave S.E. Harwood, ND 58092: [www.petersonfarmsseed.com](http://www.petersonfarmsseed.com)

REA Hybrids: 8108 100th Ave SE, Fullerton, ND 58441: [www.rea-hybrids.com](http://www.rea-hybrids.com)

Proseed: 705 E Brewster, Harvey, ND 58341: [www.proseed.net](http://www.proseed.net)

Renk Seed Co.: 6809 Wilburn Rd., Sun Prairie, WI 53590: [www.renkseed.com](http://www.renkseed.com)

NK Brand (Syngenta): 22979 401 Ave, Arlington, MN 55307: [www.syngenta.com](http://www.syngenta.com)

Titan Pro: 1301 S. 24th St, Clear Lake, IA 50428: [www.titanprosci.com](http://www.titanprosci.com)

**Table 2. Individual Trial Information - 2014**

Location	Cooperators	Previous Crop	Planting Date	Harvest Date
Lamberton	Steve Quiring	Soybean	15-May	25-Oct
Rochester	Fritz Brietenbach	Soybean	16-May	29-Oct
Waseca	Tom Hoverstad	Soybean	22-May	22-Oct
Hutchinson	Nathan Winter Paul Wright	Corn	30-May	4-Nov
Morris	George Nelson	Soybean	28-May	29-Oct
Rosemount	Jerry Holz	Soybean	23-May	4-Nov
Crookston	Mark Hanson	Wheat	30-May	30-Oct
Staples	Ron Nelson	Edible beans	29-May	5-Nov

## Early maturity entries, southern locations, 2014

Source	Entry	Traits	Relative Maturity	Yield, Bushels/A at:			Average Across Locations	
				Lamberton	Rochester	Waseca	Bu/Acre	% Moisture
97 and earlier RM entries								
Anderson Seeds	689R	GLY	95	193	214	160	189	16.9
Anderson Seeds	7902		95	174	193	152	173	17.7
Anderson Seeds	689VT3P	GLY, Bt, CRW	95	213	203	154	190	17.9
Anderson Seeds	658SRC	GLY, Bt, LL, CRW	96	205	224	166	198	18.4
AgriGold	A6202VT3PRIB	GLY, Bt, CRW	96	208	199	168	192	18.5
AgriGold	A6217STX	GLY, Bt, LL, CRW	97	202	203	139	181	19.8
Dekalb	DKC46-36RIB	GLY, Bt, LL, CRW	96	202	223	176	200	20.4
97 and earlier RM Averages:				199	208	159	189	18.5
98 to 101 RM entries								
Dekalb	DKC49-72RIB	GLY, Bt, LL, CRW	99	216	234	175	209	18.4
Viking	58-98N		98	207	237	139	194	18.6
Renk	RK633SSTX	GLY, Bt, LL, CRW	101	212	226	154	197	18.9
Anderson Seeds	615VT3P	GLY, Bt, CRW	98	205	222	153	194	19.0
Dekalb	DKC49-29RIB	GLY, Bt, LL, CRW	99	198	225	164	196	19.1
Titan Pro	TP 40-00		101	214	194	145	184	19.2
AgriGold	A6257STXRIB	GLY, Bt, LL, CRW	100	216	213	160	196	19.5
Viking	57-01N		101	213	223	159	198	19.5
Anderson Seeds	622SRC	GLY, Bt, LL, CRW	100	207	201	137	182	19.5
Titan Pro	TP 31-01 3011A	GLY, Bt, LL, CRW	101	227	238	164	210	19.8
Viking	Y71-99RL	GLY, Bt, LL, CRW	99	205	229	155	196	19.8
Anderson Seeds	6226		98	209	183	162	185	20.0
Anderson Seeds	537R	GLY	101	181	210	157	183	20.0
Legacy Seeds	L-4343 GENSS RIB	GLY, Bt, LL, CRW	101	215	217	155	196	20.1
Anderson Seeds	6073		101	214	217	157	196	20.1
Anderson Seeds	615R	GLY	98	199	210	160	190	20.2
Viking	60-01N		101	199	213	152	188	20.2
Viking	T51-01R	GLY	101	223	218	163	201	20.6
Dairyland	DS-9900SSX	GLY, Bt, LL, CRW	100	208	211	145	188	20.8
Anderson Seeds	588VT3P	GLY, Bt, CRW	101	192	212	157	187	20.9
DuPont Pioneer	P0193AMX	GLY, Bt, LL, CRW	101	206	218	151	192	21.1
DuPont Pioneer	P0157AMX	GLY, Bt, LL, CRW	101	214	222	152	196	21.5
Dairyland	DS-9898RA	GLY, Bt, LL, CRW	98	218	207	170	198	21.5
AgriGold	A6267STXRIB	GLY, Bt, LL, CRW	101	216	225	162	201	22.5
98 to 101 RM Averages:				209	217	156	194	20.0
102 to 103 RM entries								
AgriGold	A6300STX	GLY, Bt, LL, CRW	103	216	230	153	200	19.3
Dekalb	DKC52-84RIB	GLY, Bt, LL, CRW	102	222	232	178	211	20.3
NuTech/G2 Genetics	5H-502™	GLY, Bt, LL	102	203	243	146	197	20.7
Renk	RK666SSTX	GLY, Bt, LL, CRW	102	209	215	171	198	20.7
NuTech/G2 Genetics	5L-802™	GLY, Bt, LL, CRW	102	218	224	153	198	21.3
Titan Pro	TP 40-03		103	224	203	182	203	21.3
NuTech/G2 Genetics	5Z-002™	GLY, Bt, LL	102	211	226	169	202	22.0
Dekalb	DKC53-56RIB	GLY, Bt, LL, CRW	103	213	208	148	189	22.6
102 to 103 RM averages:				214	223	163	200	21.0
Southern locations, early maturity averages:				208	216	158	194	20.0
LSD (0.20)				12	23	15	10	0.9

### Late maturity entries, southern locations, 2014.

Source	Entry	Traits	Relative Maturity	Yield, Bushels/A at:			Average Across Locations	
				Lamberton	Rochester	Waseca	Bu/Acre	% Moisture
104 RM and later entries								
Legacy Seeds	L-5522 VT3PRO RIB	GLY, Bt, CRW	104	197	231	155	195	20.1
Viking	72-04N		104	230	222	158	203	20.7
NuTech/G2 Genetics	5H-905™	GLY, Bt, LL	105	218	240	174	210	21.0
Viking	C78-05R	GLY, Bt, CRW	105	192	207	151	183	21.6
Dairyland	DS-6805	GLY	105	203	227	139	190	21.7
Viking	63-05N		105	215	215	122	184	22.0
AgriGold	A6358VT3PRIB	GLY, Bt, CRW	105	217	218	155	197	22.3
Titan Pro	1059		105	210	232	152	198	22.7
NuTech/G2 Genetics	5Z-707™	GLY, Bt, LL	107	213	213	141	189	22.9
DuPont Pioneer	P0969AM	GLY, Bt, LL	109	220	216	171	202	23.2
Dekalb	DKC57-75RIB	GLY, Bt, LL, CRW	107	207	183	163	185	23.6
AgriGold	A6351STX	GLY, Bt, LL, CRW	105	208	197	138	181	23.7
NuTech/G2 Genetics	5F-805™	GLY, Bt, LL	105	198	211	165	192	23.8
Titan Pro	TP 39-05 SS	GLY, Bt, LL, CRW	105	214	210	163	196	23.9
Viking	D52-05RL	GLY, Bt, LL, CRW	105	217	228	162	202	24.0
NuTech/G2 Genetics	5Z-0906™	GLY, Bt, LL	109	214	229	132	192	24.1
Dairyland	DS-9305RA	GLY, Bt, LL, CRW	105	209	212	170	197	24.2
Dekalb	DKC54-38RIB	GLY, Bt, LL, CRW	104	216	228	147	197	24.3
NuTech/G2 Genetics	5H-806™	GLY, Bt, LL	106	221	223	170	205	24.4
Renk	RK699SSTX	GLY, Bt, LL, CRW	105	206	216	152	191	24.4
NuTech/G2 Genetics	5F-008™	GLY, Bt, LL	108	221	202	173	199	24.6
NuTech/G2 Genetics	5Z-0801™	GLY, Bt, LL	108	217	233	184	211	24.7
Viking	30-06N		106	215	227	148	197	24.7
Renk	RK712SSTX	GLY, Bt, LL, CRW	106	213	195	162	190	24.8
DuPont Pioneer	P0636AM	GLY, Bt, LL	106	222	203	184	203	24.9
Anderson Seeds	5674		105	211	212	133	185	24.9
AgriGold	A6376STXRIB	GLY, Bt, LL, CRW	106	208	225	162	198	25.1
Dairyland	DS-6905	GLY	105	204	209	141	185	25.1
Legacy Seeds	L-6913 GENSS RIB	GLY, Bt, LL, CRW	108	239	226	154	206	25.3
NuTech/G2 Genetics	5F-709™	GLY, Bt, LL	109	238	210	145	198	25.4
Viking	49-09N		109	219	225	149	198	25.5
AgriGold	A6416STXRIB	GLY, Bt, LL, CRW	107	208	207	145	187	25.6
Renk	RK752SSTX	GLY, Bt, LL, CRW	105	211	221	148	193	25.8
DuPont Pioneer	P1151AM	GLY, Bt, LL	111	206	215	151	190	26.4
Southern Locations, Late Maturity Averages:				213	217	155	195	23.9
LSD (0.20)				13	18	21	10	1.0

## Early maturity entries, central locations, 2014.

Source	Entry	Traits	Relative Maturity	Yield, Bushels/A at:			Average Across Locations	
				Hutchinson	Morris	Rosemount	Bu/Acre	% Moisture
93 and earlier RM entries								
Proseed	990 GT3000	GLY, Bt, LL, CRW	90	184	168	210	188	16.6
Proseed	1191VT2P	GLY, Bt	91	190	143	203	179	16.6
Peterson Farms Seed	73D91	GLY, Bt	91	199	169	192	187	17.1
NK	N31H-3000GT	GLY, Bt, LL, CRW	93	198	189	205	197	17.2
Proseed	1288 VIP 3111	GLY, Bt, LL, CRW	88	185	162	204	184	17.9
Renk	RK492SSTX	GLY, Bt, LL, CRW	92	218	178	212	203	18.2
Anderson Seeds	747R	GLY	92	187	165	186	179	18.3
Proseed	1393 VT2P	GLY, Bt	93	172	145	152	156	18.8
Dairyland	DS-9791RA	GLY, Bt, LL, CRW	91	186	153	208	182	19.1
Nuseed	9304 VT2P	GLY, Bt	93	201	174	201	192	19.9
Dahlman	R46-27VT2PRIB	GLY, Bt	92	208	171	209	196	20.6
Peterson Farms Seed	76S92	GLY, Bt	92	199	166	208	191	20.7
Viking	E56-92R	GLY, Bt	92	210	168	191	190	20.8
Dairyland	DS-9093	GLY, Bt, LL, CRW	93	175	132	167	158	20.9
93 RM and earlier averages:				194	163	196	184	18.8
94 to 96 RM entries								
Nuseed	9504 VT3P RIB	GLY, Bt	95	171	159	184	171	16.8
NuTech/G2 Genetics	5Y-196™	GLY, Bt, LL, CRW	96	207	166	204	192	17.4
Anderson Seeds	689R	GLY	95	193	168	154	171	17.7
NuTech/G2 Genetics	5X-894™	GLY, Bt, LL, CRW	94	208	131	198	179	18.3
Anderson Seeds	689VT3P	GLY, Bt, CRW	95	210	153	197	187	18.5
NuTech/G2 Genetics	5F-295™	GLY, Bt, LL	95	202	166	204	191	19.1
Peterson Farms Seed	81W95	GLY, Bt, LL, CRW	95	226	159	228	204	19.5
NuTech	5V-195	GLY, Bt, LL, CRW	95	192	170	200	187	19.6
Dairyland	DS-9694RA	GLY, Bt, LL, CRW	94	194	154	197	182	19.6
Legacy Seeds	L-3612 VT3PRO	GLY, Bt, CRW	96	190	153	191	178	20.3
Renk	RK557SSTX	GLY, Bt, LL, CRW	95	195	167	217	193	20.4
Renk	RK522SSTX	GLY, Bt, LL, CRW	94	195	180	209	194	20.6
Anderson Seeds	658SRC	GLY, Bt, LL, CRW	96	202	181	205	196	20.6
Peterson Farms Seed	55S96	GLY, Bt, CRW	96	197	170	192	186	20.6
Dekalb	DKC44-13RIB	GLY, Bt, LL, CRW	94	209	184	214	202	20.6
Renk	RK568VT3P	GLY, Bt, CRW	95	228	184	215	209	20.6
Viking	E52-95R	GLY, Bt	95	201	181	186	189	20.7
Dahlman	R47-35VT3PRIB	GLY, Bt, CRW	94	194	156	211	187	20.7
Dekalb	DKC46-36RIB	GLY, Bt, LL, CRW	96	209	189	234	211	20.9
Dekalb	DKC45-65RIB	GLY, Bt, LL, CRW	95	203	185	223	204	21.1
DuPont Pioneer	P9526AMX	GLY, Bt, LL, CRW	95	179	165	182	175	21.2
Titan Pro	2M95-2P	GLY, Bt, LL	95	216	165	180	187	21.3
Viking	51-95N		95	-	180	193	186 <sup>1</sup>	21.6 <sup>1</sup>
Anderson Seeds	7902		95	-	149	201	174 <sup>1</sup>	21.9 <sup>1</sup>
94 to 96 RM averages:				201	167	201	190	19.8
Central locations, early maturity averages:				198	166	199	188	19.4
LSD (0.20)				16	18	23	11	0.7

<sup>1</sup> Morris and Rosemount only

### Late maturity entries, central locations, 2014.

Source	Entry	Traits	Relative Maturity	Yield, Bushels/A at:			Average Across Locations	
				Hutchinson	Morris	Rosemount	Bu/Acre	% Moisture
97 to 99 RM entries								
NuTech/G2 Genetics	5F-198™	GLY, Bt, LL	98	211	166	186	188	17.6
DuPont Pioneer	P9703AM	GLY, Bt, LL	97	191	161	205	186	18.5
NuTech/G2 Genetics	5X-698™	GLY, Bt, LL, CRW	98	200	145	242	196	18.5
Titan Pro	TP 39-98 SS	GLY, Bt, LL, CRW	98	204	125	203	177	19.1
Peterson Farms Seed	88A97	GLY, Bt, LL, CRW	97	213	133	177	174	19.2
DuPont Pioneer	P9834AMX	GLY, Bt, LL, CRW	98	184	123	204	170	19.2
NuTech/G2 Genetics	5F-399™	GLY, Bt, LL	99	184	137	227	183	19.8
Viking	Y71-99RL	GLY, Bt, LL, CRW	99	195	167	208	190	20.2
Dekalb	DKC49-29RIB	GLY, Bt, LL, CRW	99	206	128	195	176	20.2
Viking	D37-98RL	GLY, Bt, LL, CRW	98	201	139	225	188	20.2
Anderson Seeds	615R	GLY	98	181	127	228	179	20.5
Anderson Seeds	615VT3P	GLY, Bt, CRW	98	188	129	161	159	20.5
Legacy Seeds	L-3844 GENSS	GLY, Bt, LL, CRW	98	208	126	211	182	20.6
Dekalb	DKC49-72RIB	GLY, Bt, LL, CRW	99	228	161	200	196	20.6
Viking	A81-98R	GLY	98	-	158	208	183 <sup>1</sup>	20.6 <sup>1</sup>
Titan Pro	TP 30-99		99	195	131	189	171	20.9
Dahlman	R49-312SSRIB	GLY, Bt, LL, CRW	98	206	150	213	190	20.9
Renk	RK596SSTX	GLY, Bt, LL, CRW	98	199	154	226	193	20.9
Nuseed	9904 VT2P	GLY, Bt	99	207	158	227	197	21.0
Viking	58-98N		98	214	136	186	179	21.5
Anderson Seeds	6226		98	148	139	192	160	21.7
Peterson Farms Seed	82H99	GLY, Bt, LL, CRW	99	192	151	230	191	21.7
Dairyland	DS-9898RA	GLY, Bt, LL, CRW	98	191	132	184	169	24.8
99 RM and earlier averages:				198	142	206	182	20.4
Later than 99 RM entries								
Renk	RK605SSTX	GLY, Bt, LL, CRW	100	216	153	179	182	19.8
NuTech/G2 Genetics	5F-200™	GLY, Bt, LL	100	201	173	194	189	20.5
Anderson Seeds	6073		101	181	138	199	172	20.5
NuTech/G2 Genetics	5Z-002™	GLY, Bt, LL	102	228	139	187	185	20.6
Titan Pro	TP 40-00		101	-	138	172	155 <sup>1</sup>	20.7 <sup>1</sup>
Dairyland	DS-9900SSX	GLY, Bt, LL, CRW	100	212	153	215	193	20.9
NK	N45P-3000GT	GLY, Bt, LL, CRW	102	207	149	208	188	21.2
Nuseed	3014 VT2P RIB	GLY, Bt	101	211	144	234	196	21.2
Anderson Seeds	588VT3P	GLY, Bt, CRW	101	249	119	183	183	21.2
Anderson Seeds	622SRC	GLY, Bt, LL, CRW	100	195	142	179	172	21.3
NuTech/G2 Genetics	5Z-0106™	GLY, Bt, LL	101	192	155	220	189	21.4
NuTech/G2 Genetics	5H-502™	GLY, Bt, LL	102	202	141	233	192	21.5
DuPont Pioneer	P0193AMX	GLY, Bt, LL, CRW	101	214	156	212	194	21.5
Titan Pro	TP 31-01 3011A	GLY, Bt, LL, CRW	101	223	141	218	194	21.7
Anderson Seeds	537R	GLY	101	192	116	208	172	21.7
Dahlman	R51-313SSRIB	GLY, Bt, LL, CRW	102	191	157	224	191	21.9
Dekalb	DKC52-84RIB	GLY, Bt, LL, CRW	102	201	120	228	183	22.0
DuPont Pioneer	P0157AMX	GLY, Bt, LL, CRW	101	201	152	210	188	22.0
Renk	RK581SSTX	GLY, Bt, LL, CRW	100	174	147	224	182	22.4
NuTech/G2 Genetics	5L-802™	GLY, Bt, LL, CRW	102	194	137	250	194	22.7
Dahlman	R50-306SSRIB	GLY, Bt, LL, CRW	101	216	130	227	191	22.8
Dekalb	DKC53-56RIB	GLY, Bt, LL, CRW	103	213	152	222	196	22.9
Legacy Seeds	L-5522 VT3PRO RIB	GLY, Bt, CRW	104	217	153	188	186	22.9
Peterson Farms Seed	81K02	GLY, Bt, LL, CRW	102	186	115	217	173	23.8
Anderson Seeds	5674		105	154	172	192	173	24.1
Dekalb	DKC54-38RIB	GLY, Bt, LL, CRW	104	195	142	246	194	24.2
Dairyland	DS-9305RA	GLY, Bt, LL, CRW	105	204	131	221	185	26.9
Dairyland	DS-6805	GLY	105	202	138	207	183	27.0
Dairyland	DS-6905	GLY	105	194	109	205	169	28.1
Later than 99 RM averages:				202	142	210	185	22.5
Central locations, late maturity averages:				200	142	208	184	21.5
LSD(0.20)				22	22	28	15	1.1

<sup>1</sup> Morris and Rosemount only

Northern locations, 2014

Source	Entry	Traits	Relative Maturity	Yield, Bushels/acre at:			Average Across Locations <sup>1</sup>	
				Waseca	Crookston	Staples <sup>2</sup>	Bu/Acre	% Moisture
<b>82 and earlier RM entries</b>								
REA Hybrids	1B820-RIB	GLY, Bt	82	120	160	126	143	19.3
Blue River	14A91		82	100	136	85	111	20.4
Legacy Seeds	L-1943 VT2PRO RIB	GLY, Bt	81	124	137	112	125	20.4
Hyland Seeds	8105	GLY, Bt, LL, CRW	80	112	158	88	123	20.7
REA Hybrids	1B801-RIB	GLY, Bt	80	117	134	89	112	21.2
DuPont Pioneer	P8210HR	GLY, Bt, LL	82	122	148	91	119	21.5
DuPont Pioneer	P7632AM	GLY, Bt, LL	76	125	159	86	122	21.6
Hyland Seeds	4093	GLY	78	107	150	91	121	22.3
Hyland Seeds	3075	GLY	77	91	136	91	114	22.5
Blue River	09R19		79	107	132	60	96	22.5
Renk	RK231GT	GLY	82	108	151	105	128	23.3
<b>82 and earlier RM entry averages:</b>				<b>112</b>	<b>146</b>	<b>93</b>	<b>119</b>	<b>21.4</b>
<b>83 to 87 RM entries</b>								
REA Hybrids	2B870-RIB	GLY, Bt	87	138	180	123	152	18.9
Hyland Seeds	4164	GLY, Bt, LL	83	111	158	73	116	19.7
DuPont Pioneer	P8673AM	GLY, Bt, LL	86	138	164	104	134	20.4
REA Hybrids	2B850-RIB	GLY, Bt	85	120	151	113	132	20.5
Dairyland	DS-7085	GLY, Bt, LL	85	129	147	112	130	21.2
Peterson Farms Seed	71D83	GLY, Bt	83	113	139	100	119	21.2
Proseed	1083 GT3000	GLY, Bt, LL, CRW	83	103	155	97	126	21.6
Proseed	1385 VT2P	GLY, Bt	85	127	168	113	141	22.0
Legacy Seeds	L-2813 VT2PRO RIB	GLY, Bt	87	126	181	113	147	22.4
Dekalb	DKC34-82RIB	GLY, Bt	84	129	166	110	138	22.7
Proseed	1286 VT2P	GLY, Bt	86	136	148	103	126	22.8
REA Hybrids	2B830-RIB	GLY, Bt	83	123	152	95	124	23.3
Proseed	1283 VT2P	GLY, Bt	83	112	147	87	117	23.6
Hyland Seeds	8201RA	GLY, Bt, LL, CRW	84	126	134	103	118	23.9
Nuseed	8701 VT2P RIB	GLY, Bt	87	134	139	116	128	23.9
Proseed	PX 85R VT2P	GLY, Bt	85	125	142	108	125	24.2
Hyland Seeds	8166RA	GLY, Bt, LL, CRW	83	123	154	93	123	24.4
Blue River	23A71		86	103	155	90	123	24.4
Proseed	1384 VT2P	GLY, Bt	84	124	137	88	113	24.5
Dairyland	DS-9487RA	GLY, Bt, LL, CRW	87	126	167	115	141	24.7
REA Hybrids	2A550-RIB	GLY, Bt, CRW	85	109	155	102	129	24.8
Hyland Seeds	3175	GLY	84	135	128	99	113	24.9
Peterson Farms Seed	75K85	GLY, Bt	85	117	150	100	125	25.3
Renk	RK266VT2P	GLY, Bt	85	137	133	102	118	25.4
REA Hybrids	2A871-RIB	GLY, Bt, CRW	87	125	152	105	128	27.2
<b>83 to 87 RM entry averages:</b>				<b>124</b>	<b>152</b>	<b>103</b>	<b>127</b>	<b>23.1</b>
<b>88 to 92 RM entries</b>								
DuPont Pioneer	P9188AM	GLY, Bt, LL	91	141	161	98	129	23.1
Legacy Seeds	L-3011 VT3PRO RIB	GLY, Bt, CRW	91	142	163	120	141	23.8
Hyland Seeds	8202RA	GLY, Bt, LL, CRW	89	126	153	118	135	24.4
REA Hybrids	3B890-RIB	GLY, Bt	89	126	156	102	129	24.5
Peterson Farms Seed	74K89	GLY, Bt	89	124	169	108	139	24.8
Hyland Seeds	8305RA	GLY, Bt, LL, CRW	90	127	157	107	132	25.2
Renk	RK299VT2P	GLY, Bt	89	138	153	103	128	25.4
Hyland Seeds	8295RA	GLY, Bt, LL, CRW	88	137	158	101	129	25.8
NuTech	5B-290	GLY, Bt, LL	90	127	155	94	125	25.8
NuTech/G2 Genetics	5F-091™	GLY, Bt, LL	91	128	167	113	140	25.9
REA Hybrids	3B330-RIB	GLY, Bt	90	132	160	106	133	26.4
Proseed	1288 VIP 3111	GLY, Bt, LL, CRW	88	106	153	116	134	27.0
Dekalb	DKC39-27RIB	GLY, Bt, LL, CRW	89	135	149	99	124	27.5
REA Hybrids	3A901-RIB	GLY, Bt, CRW	90	139	141	109	125	27.7
Dairyland	DS-9791RA	GLY, Bt, LL, CRW	91	136	145	100	123	28.2
REA Hybrids	3B922-RIB	GLY, Bt	92	138	145	105	125	29.1
Hyland Seeds	8315RA	GLY, Bt, LL, CRW	92	137	138	93	116	30.7
<b>88 to 92 RM entry averages:</b>				<b>132</b>	<b>154</b>	<b>105</b>	<b>130</b>	<b>26.2</b>
<b>93 and later RM entries</b>								
Blue River	35M70		94	97	139	89	114	26.7
NuTech/G2 Genetics	5X-894™	GLY, Bt, LL, CRW	94	131	147	109	128	27.0
Dairyland	DS-9694RA	GLY, Bt, LL, CRW	94	126	130	82	106	28.8
REA Hybrids	4V953-RIB	GLY, Bt, CRW	95	130	128	109	118	29.6
REA Hybrids	4A942-RIB	GLY, Bt, CRW	94	127	135	97	116	31.1
NuTech	5V-195	GLY, Bt, LL, CRW	95	125	144	129	137	31.5
Dairyland	DS-9093	GLY, Bt, LL, CRW	93	120	142	81	112	32.1
Nuseed	9304 VT2P	GLY, Bt	93	132	148	103	126	33.8
<b>93 and Later RM entry averages:</b>				<b>123</b>	<b>139</b>	<b>100</b>	<b>120</b>	<b>30.1</b>
<b>Northern locations averages:</b>				<b>124</b>	<b>150</b>	<b>101</b>	<b>126</b>	<b>24.6</b>
<b>LSD(0.20)</b>				<b>12</b>	<b>12</b>	<b>17</b>	<b>10</b>	<b>2.3</b>

<sup>1</sup> averages are across Crookston and Staples only

<sup>2</sup> The Staples site suffered hail damage in the late milk stage. Estimates are 80% leaf loss and 35% yield reductions