

Corn Grain

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Corn Planting Rate and Date

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

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.

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Test Locations

Southern Zone:

Lamberton, Rochester and Waseca

Early Maturity Trial - 103 Relative Maturity (RM) and earlier hybrids

Late Maturity Trial - 104 RM and later hybrids

Central Zone:

Hutchinson, Morris and Rosemount

Early Maturity Trial - 96 RM and earlier hybrids

Late Maturity Trial - 97 RM and later hybrids

Northern Zone:

Crookston, Rothsay and Staples

Glyphosate tolerant hybrids at all locations. Hybrids without glyphosate tolerance at Crookston and Staples only.

Early maturity hybrids, southern locations, 2010.

Source / Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Lamberton	Rochester	Waseca	Bu/Acre	% Moisture
97 and earlier RM hybrids								
Renk	RK570VT3	Bt,CRW,GLY	95	160	179	185	174	14.3
NuTech Seed	3P-494+ RR/YGPL	CRW,GLY	93	184	186	156	175	14.4
AgriGold	A6149VT3	Bt,CRW,GLY	92	158	178	172	170	15.4
Anderson	628R	GLY	95	173	193	169	178	15.4
Anderson	628VT3	Bt,CRW,GLY	96	191	185	184	187	15.6
G2 Genetics	5X-895 RR/HXT	Bt,CRW,GLY,LL	95	168	201	192	187	15.7
NuTech Seed	3T-297 VT3	Bt,CRW,GLY	97	151	157	171	160	15.7
NuTech Seed	3T-098 VT3	Bt,CRW,GLY	97	189	188	188	188	15.8
NuTech Seed	5N-398 GT/CB/LL/RW	Bt,CRW,GLY,LL	97	188	197	201	195	16.0
Dekalb	DKC45-52 (GENVT3P)	Bt,CRW,GLY	95	190	191	196	192	16.0
G2 Genetics	5H-797 RR/HX	Bt,GLY,LL	97	180	187	167	178	16.0
NuTech Seed	5N-695 GT/CB/LL/RW	Bt,CRW,GLY,LL	95	172	179	192	181	16.1
Dahlman	R48-49GENSS	Bt,CRW,GLY,LL	95	175	190	184	183	16.3
NuTech Seed	5N-197 GT/CB/LL/RW	Bt,CRW,GLY,LL	96	170	178	179	176	16.4
G2 Genetics	5X-598 RR/HXT	Bt,CRW,GLY,LL	97	154	195	177	176	16.8
G2 Genetics	5H-696 RR/HX	Bt,GLY,LL	96	192	208	195	199	16.8
AgriGold	A6192STX	Bt,CRW,GLY,LL	95	177	175	161	171	17.3
97 and earlier RM averages:				175	186	181	181	15.9
98 to 101 RM Hybrids								
Dekalb	DKC48-37 (VT3)	Bt,CRW,GLY	98	182	201	154	179	15.3
Dekalb	DKC50-35 (VT3)	Bt,CRW,GLY	100	194	204	189	196	15.5
AgriGold	A6220VT3Pro	Bt,CRW,GLY	98	167	186	174	176	15.5
Dekalb	DKC50-66 (VT3)	Bt,CRW,GLY	100	180	196	189	188	15.9

Early maturity hybrids, southern locations, 2010 (continued).

Source / Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Lamberton	Rochester	Waseca	Bu/Acre	% Moisture
98 to 101 RM Hybrids (continued)								
G2 Genetics	5X-500 RR/HXT	Bt,CRW,GLY,LL	99	179	196	173	182	16.1
Renk	RK563CBLLRW	Bt, CRW,LL	98	181	198	161	180	16.3
Dekalb	DKC51-86 (GENVT3P)	Bt,CRW,GLY	101	211	191	193	198	16.3
G2 Genetics	5X-598A RR/HXT	Bt,CRW,GLY,LL	98	176	175	168	173	16.4
G2 Genetics	5X-500A RR/HXT	Bt,CRW,GLY,LL	100	179	199	184	187	16.4
Viking	64-98N		98	191	167	154	171	16.6
Dahlman	R50-95GENSS	Bt,CRW,GLY,LL	100	180	200	185	188	16.6
G2 Genetics	5H-700 RR/HX	Bt,GLY,LL	100	185	187	169	180	16.7
Titan Pro	80A00GL	Bt,CRW,GLY,LL	100	170	175	162	169	16.7
Viking	Y84-00RL	Bt,CRW,GLY,LL	100	163	190	192	182	16.7
NuTech Seed	5N-197A GT/CB/LL/RW	Bt,CRW,GLY,LL	98	200	192	188	194	16.7
Anderson	626R	GLY	100	198	180	168	182	16.8
NuTech Seed	3A-103 GT	GLY	101	196	191	184	190	16.8
Pioneer Brand	P9990XR	Bt,CRW,GLY	99	178	170	178	175	16.8
G2 Genetics	5H-999 RR/HX	Bt,GLY,LL	99	190	188	196	191	17.0
Dahlman	R50-41	GLY	100	192	182	166	180	17.0
Titan Pro	89A98GL	Bt,CRW,GLY,LL	98	192	203	178	191	17.0
Titan Pro	80X99	Bt, CRW,LL	99	186	191	175	184	17.0
Renk	RK565GTCBLLRW	Bt,CRW,GLY,LL	99	189	168	176	177	17.1
Viking	60-01N		101	200	208	183	197	17.3
Anderson	6073		101	212	208	188	203	17.3
G2 Genetics	5H-501 RR/HX	Bt,GLY,LL	101	183	188	166	179	17.4
NuTech Seed	3T-401A VT3	Bt,CRW,GLY	101	213	199	172	194	17.4
NuTech Seed	5N-102 GT/CB/LL/RW	Bt,CRW,GLY,LL	101	184	182	171	179	17.6
Titan Pro	80A01GL	Bt,CRW,GLY,LL	101	185	193	195	191	17.6
NuTech Seed	3A-100 RR	GLY	100	202	184	178	188	17.6
AgriGold	A6276VT3	Bt,CRW,GLY	101	208	215	199	207	17.6
G2 Genetics	5H-502 RR/HX	Bt,GLY,LL	101	203	193	170	188	17.7
NuTech Seed	5N-001 GT/CB/LL/RW	Bt,CRW,GLY,LL	101	155	186	178	173	17.7
NuTech Seed	5N-804 GT/CB/LL/RW	Bt,CRW,GLY,LL	101	198	198	165	187	17.8
NuTech Seed	3T-401 VT3	Bt,CRW,GLY	101	198	207	178	194	17.9
Viking	J66-00L	Bt, LL	100	199	191	166	185	18.0
NuTech Seed	5X-100 RR/HXT	Bt,CRW,GLY,LL	100	198	189	169	186	18.4
Titan Pro	1059		101	187	192	181	187	19.3
98 to 101 RM averages:				189	191	177	186	17.0
102 to 103 RM hybrids								
Dekalb	DKC52-59 (VT3)	Bt,CRW,GLY	102	171	209	196	192	15.9
Legacy Seeds, Inc	L-4409 3000GT	Bt,CRW,GLY,LL	102	176	176	178	177	16.9
G2 Genetics	5X-903 RR/HXT	Bt,CRW,GLY,LL	103	227	192	167	195	17.0
NuTech Seed	5N-102A GT/CB/LL/RW	Bt,CRW,GLY,LL	102	182	181	178	181	17.1
G2 Genetics	5H-501A RR/HX	Bt,GLY,LL	102	199	205	180	195	17.4
G2 Genetics	5H-502A RR/HX	Bt,GLY,LL	102	210	171	183	188	17.4
Viking	B53-03R	Bt,CRW,GLY	103	195	177	183	185	17.4
Titan Pro	89A03GL	Bt,CRW,GLY,LL	103	213	197	183	198	17.6
Anderson	103VT3	Bt,CRW,GLY	103	175	183	180	179	17.9
AgriGold	A6323GT3	Bt,CRW,GLY,LL	103	181	207	184	190	17.9
Pioneer Brand	36V53	Bt,GLY	102	214	197	187	199	17.9
Anderson	103R	GLY	102	186	193	175	185	18.1
Titan Pro	80X02	Bt, CRW,LL	102	203	190	170	188	18.9
AgriGold	A6309STX	Bt,CRW,GLY,LL	103	199	194	169	187	19.0
102 to 103 RM averages:				195	191	180	189	17.6
Southern locations, early-maturity averages:				187	190	178	185	16.8
LSD(0.20)				17	18	15	10	0.5

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.

Presentation Of Data

Yields are given for individual locations along with yields and harvest moisture contents averaged across locations for 2010. Reported yields are adjusted to 15.5% grain moisture. Hybrids are ranked within a maturity group by moisture content averaged across locations for 2010.

Identification Of Traits

Genetic modifications of hybrids 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 Yield-Guard 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 deter-

mine 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.

Companies participating in the 2010 hybrid corn grain trials.

AgriGold Hybrids	www.agrigold.com
Albert Lea Seed House (Viking Hybrids)	www.alseed.com
Croplan Genetics	www.croplangenetics.com
Dahlman Seed Co.	www.dahlmanseed.com
Dairyland Seed Co.	www.dairylandseed.com
Dekalb (Monsanto Co.)	www.dekalb.com, www.asgrow.com
Dyna-Gro / CPS	www.dynagroseed.com/dynagro
G2 Genetics	www.yieldleader.com
Hyland Seeds	www.hylandseeds.com
Johnson Seeds	www.legendseeds.net
Legacy Seeds	www.legacyseeds.com
NuTech Seed	www.nutechseed.com
Peterson Farms Seed	www.petersonfarmsseed.com
Pioneer Hi-Bred International	www.pioneer.com/usa
Proseed	www.proseed.net
Renk Seed Co.	www.renkseed.com
Seeds 2000	www.seeds2000.net
Titan Pro	www.titanprosci.com

Individual trial information, 2010.

Location	Cooperators	Previous Crop	Planting Date	Harvest Dates
Lamberton	Steve Quiring	Soybean	22 April	5 October
Rochester	Fritz Brietenbach	Soybean	28 April	21 October
Waseca	Tom Hoverstad	Soybean	21 April	15 October
Hutchinson	Nathan Winter Paul Wright	Corn	27 April	14 October
Morris	George Nelson	Soybean	10 May	12 October
Rosemount	Jerry Holz	Soybean	29 April	22 October
Rothsay	George Nelson Troy Larson	Soybean	18 May	21 October
Crookston	Mark Hanson	Soybean	10 May	25 October
Staples	Bob Schafer	Corn	19 May	29 October

Late maturity hybrids, southern locations, 2010.

Source / Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Lamberton	Rochester	Waseca	Bu/Acre	% Moisture
104 RM and later hybrids								
NuTech Seed	3A-406 GT	GLY	106	187	175	162	175	16.5
NuTech Seed	3A-804 GT	GLY	104	228	209	156	198	17.4
Renk	RK694GTCBLLRW	Bt,CRW,GLY,LL	104	197	178	177	184	17.4
Legacy Seeds, Inc	L-5350 3000GT	Bt,CRW,GLY,LL	104	213	197	186	199	17.5
Titan Pro	1018		105	208	183	153	181	18.0
G2 Genetics	5X-007 RR/HXT	Bt,CRW,GLY,LL	107	224	179	196	200	18.0
Renk	RK760VT3	Bt,CRW,GLY	106	164	161	184	170	18.1
Renk	RK744VT3	Bt,CRW,GLY	107	180	198	182	187	18.3
Pioneer Brand	P0461XR	Bt,CRW,GLY	104	207	188	178	191	18.3
NuTech Seed	5N-705A GT/CB/LL/RW	Bt,CRW,GLY,LL	105	199	176	179	185	18.4
Pioneer Brand	35F44	Bt,CRW,GLY	105	199	207	209	205	18.5
G2 Genetics	5H-905 RR/HX	Bt,GLY,LL	105	209	206	178	198	18.6
Renk	RK682VT3	Bt,CRW,GLY	105	198	197	200	198	18.7
Titan Pro	89A06GL	Bt,CRW,GLY,LL	105	214	176	178	189	18.8
Titan Pro	80A05GL	Bt,CRW,GLY,LL	105	208	189	198	199	19.1
NuTech Seed	5N-705 GT/CB/LL/RW	Bt,CRW,GLY,LL	105	192	189	180	187	19.1
G2 Genetics	5H-608 RR/HX	Bt,GLY,LL	108	198	208	224	210	19.3
G2 Genetics	5H-607 RR/HX	Bt,GLY,LL	107	218	178	188	195	19.3
G2 Genetics	5H-105 RR/HX	Bt,GLY,LL	105	197	208	198	201	19.4
Renk	RK764SSTX	Bt,CRW,GLY,LL	108	186	179	190	185	19.4
NuTech Seed	3T-808 VT3	Bt,CRW,GLY	108	206	173	193	190	19.5
Titan Pro	80X05	Bt, CRW,LL	105	216	190	185	197	19.5
G2 Genetics	5H-509 RR/HX	Bt,GLY,LL	109	190	206	199	198	19.6
Dekalb	DKC57-50 (VT3)	Bt,CRW,GLY	107	211	209	207	209	19.6
G2 Genetics	5X-206 RR/HXT	Bt,CRW,GLY,LL	106	201	192	195	196	19.8
Dairyland Seed	ST-9206Q	Bt,CRW,GLY,LL	106	214	195	199	203	20.1
Dairyland Seed	ST-9208Q	Bt,CRW,GLY,LL	108	209	189	176	191	20.3
Dekalb	DKC59-35 (VT3)	Bt,CRW,GLY	109	208	202	211	207	20.4
NuTech Seed	1N-109 CB/LL/RW	Bt, CRW,LL	109	224	201	189	205	21.2
Southern locations, late-maturity averages:				204	191	188	194	18.9
LSD(0.20)				16	13	18	9	0.8

Early maturity hybrids, central locations, 2010

Source / Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Hutchinson	Morris	Rosemount	Bu/Acre	% Moisture
93 and earlier RM hybrids								
G2 Genetics	5H-992 RR/HX	Bt, GLY, LL	92	200	155	194	183	15.5
Dahlman	R45-25VT3	Bt, CRW, GLY	90	211	155	189	185	15.8
NuTech Seed	3T-393 VT3	Bt, CRW, GLY	93	201	168	180	183	15.9
Renk	RK434RR	GLY	91	205	153	189	182	16.0
NuTech Seed	5B-290 GT/CB/LL	Bt, GLY, LL	90	221	153	209	194	16.0
PFS	26R92	RR	92	223	161	191	192	16.1
Dahlman	R45-46	GLY	90	232	152	200	195	16.2
NuTech Seed	1B-592 CB/LL	Bt, LL	92	190	157	181	176	16.3
NuTech Seed	3C-889A RR/YGCB	Bt, GLY	89	222	164	195	193	16.4
Proseed	990 GTCBLL	Bt, GLY, LL	90	212	164	195	190	16.4
NuTech Seed	1B-291 CB/LL	Bt, LL	91	238	167	209	205	16.5
NuTech Seed	3P-494+ RR/YGPL	CRW, GLY	93	227	156	190	191	16.5
Renk	RK302GTCBLL	Bt, GLY, LL	89	231	147	203	193	16.5
Johnson Seeds	40J192 RR	GLY	92	223	161	193	193	16.5
DEKALB	DKC42-72 (VT3)	Bt, CRW, GLY	92	208	171	182	187	16.6
Anderson	811R	GLY	92	214	168	186	190	16.7
Anderson	812VT3	Bt, CRW, GLY	93	207	167	188	187	16.7
NuTech Seed	5B-593 GT/CB/LL	Bt, GLY, LL	93	223	135	200	186	16.7
PFS	98L90	Bt, GLY, LL	90	229	174	210	204	16.8
NuTech Seed	5N-593 GT/CB/LL/RW	Bt, CRW, GLY, LL	93	228	165	207	200	17.3
NuTech Seed	3T-294 VT3	Bt, CRW, GLY	92	214	157	186	186	17.8
93 RM and earlier averages:				217	159	194	190	16.4
94 to 96 RM hybrids								
Dairyland Seed	ST-9395	Bt, CRW, GLY	95	226	178	198	201	15.7
Proseed	894 VT3	Bt, CRW, GLY	94	211	164	199	191	15.7
Hyland Seeds	Hyland HL B40R	Bt, GLY	95	220	167	203	197	15.8
Renk	RK570VT3	Bt, CRW, GLY	95	196	183	192	190	15.9
Johnson Seeds	EX9595 CBLL	Bt, LL	95	213	161	201	191	16.0
Seeds 2000	9501 VT3	Bt, CRW, GLY	95	227	180	203	203	16.1
Titan Pro	9094GL	Bt, GLY, LL	94	231	161	209	201	16.4
Pioneer Brand	P9494XR	Bt, CRW, GLY	94	195	157	192	181	16.5
Hyland Seeds	Hyland HL B42R	Bt, GLY	95	228	172	192	197	16.6
Anderson	628R	GLY	95	235	154	189	193	16.8
Titan Pro	80A95GL	Bt, CRW, GLY, LL	95	223	155	203	194	16.9
Anderson	628VT3	Bt, CRW, GLY	96	222	166	199	196	16.9
Dekalb	DKC45-52 (GENVT3P)	Bt, CRW, GLY	95	224	173	211	202	17.0
Legacy Seeds, Inc	L-3538 VT3	Bt, CRW, GLY	95	206	168	185	186	17.1
Proseed	794 3000GT	Bt, CRW, GLY, LL	94	204	164	212	193	17.1
Seeds 2000	9602 G3	Bt, CRW, GLY, LL	96	218	153	209	193	17.1
G2 Genetics	5X-895 RR/HXT	Bt, CRW, GLY, LL	95	221	158	199	193	17.4
Pioneer Brand	P9512XR	Bt, CRW, GLY	95	225	157	196	192	17.4
Renk	RK559VT3P	Bt, CRW, GLY	95	214	149	200	188	17.5
NuTech Seed	5N-695 GT/CB/LL/RW	Bt, CRW, GLY, LL	95	215	146	204	188	17.5
NuTech Seed	3T-294A VT3	Bt, CRW, GLY	94	225	163	200	196	17.6
Johnson Seeds	40J196 VT3	Bt, CRW, GLY	96	220	164	195	193	17.7
Dahlman	R48-49GENSS	Bt, CRW, GLY, LL	95	213	175	202	197	18.0
Croplan Genetics	3514VT3	Bt, CRW, GLY	95	215	172	191	192	18.5
G2 Genetics	5H-696 RR/HX	Bt, GLY, LL	96	227	185	171	194	18.8
NuTech Seed	5N-197 GT/CB/LL/RW	Bt, CRW, GLY, LL	96	229	176	225	210	19.1
94 to 96 RM averages:				219	165	199	194	17.0
Central locations, early maturity averages:				218	163	197	193	16.8
LSD(0.20)				17	22	15	11	0.5

Late maturity hybrids, central locations, 2010

Source / Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Hutchinson	Morris	Rosemount	Bu/Acre	% Moisture
97 to 99 RM hybrids								
Renk	RK575VT3	Bt,CRW,GLY	98	223	192	194	203	16.5
Renk	RK563CBLLRW	Bt, CRW,LL	98	218	189	209	205	17.0
Dekalb	DKC48-37 (VT3)	Bt,CRW,GLY	98	211	182	183	192	17.2
G2 Genetics	5H-797 RR/HX	Bt,GLY,LL	97	211	155	188	185	17.5
G2 Genetics	5H-797A RR/HX	Bt,GLY,LL	97	203	174	193	190	17.8
NuTech Seed	5N-398 GT/CB/LL/RW	Bt,CRW,GLY,LL	97	218	191	199	203	17.9
NuTech Seed	3T-098 VT3	Bt,CRW,GLY	97	221	195	202	206	18.0
Dairyland Seed	ST-9597Q	Bt,CRW,GLY,LL	97	231	172	188	197	18.0
PFS	53B97	Bt,CRW,GLY	97	203	199	201	201	18.1
G2 Genetics	5X-598 RR/HXT	Bt,CRW,GLY,LL	97	205	177	198	193	18.1
Dairyland Seed	ST-1898	LL	98	215	169	179	188	18.2
G2 Genetics	5X-598A RR/HXT	Bt,CRW,GLY,LL	98	210	196	196	201	18.2
G2 Genetics	5X-500 RR/HXT	Bt,CRW,GLY,LL	99	216	162	194	191	18.3
Seeds 2000	9901 VT3	Bt,CRW,GLY	99	203	185	200	196	18.6
G2 Genetics	5H-999 RR/HX	Bt,GLY,LL	99	226	176	201	201	18.6
Titan Pro	80X99	Bt, CRW,LL	99	227	166	201	198	18.7
Titan Pro	89A98GL	Bt,CRW,GLY,LL	98	238	191	221	216	18.8
Hyland Seeds	Hyland HL CVR68	Bt,CRW,GLY	98	220	187	204	204	19.1
Renk	RK565GTCBLLRW	Bt,CRW,GLY,LL	99	221	171	196	196	19.3
NuTech Seed	5N-197A GT/CB/LL/RW	Bt,CRW,GLY,LL	98	236	190	220	216	19.3
99 RM and earlier averages:				218	181	198	199	18.2
Later than 99 RM hybrids								
Titan Pro	80A85GL	Bt,CRW,GLY,LL	106	208	191	179	193	15.5
Dekalb	DKC50-66 (VT3)	Bt,CRW,GLY	100	231	189	202	207	17.5
Dekalb	DKC50-35 (VT3)	Bt,CRW,GLY	100	239	198	214	217	17.9
Dekalb	DKC52-59 (VT3)	Bt,CRW,GLY	102	232	195	220	216	18.0
G2 Genetics	5X-500A RR/HXT	Bt,CRW,GLY,LL	100	227	185	207	206	18.3
Renk	RK694GTCBLLRW	Bt,CRW,GLY,LL	104	212	193	201	202	18.4
Dekalb	DKC51-86 (GENVT3P)	Bt,CRW,GLY	101	229	211	211	217	18.6
Renk	RK594GTCBLLRW	Bt,CRW,GLY,LL	100	219	174	217	203	18.6
Dahlman	R50-41	GLY	100	229	180	211	206	18.7
PFS	59C02	Bt,CRW,GLY	102	236	192	207	212	18.7
Titan Pro	80A00GL	Bt,CRW,GLY,LL	100	249	183	215	216	18.8
Dahlman	R50-95GENSS	Bt,CRW,GLY,LL	100	223	200	206	210	18.9
Legacy Seeds, Inc	L-4029 VT3	Bt,CRW,GLY	100	227	190	212	210	19.3
NuTech Seed	3T-401 VT3	Bt,CRW,GLY	101	230	185	219	211	19.3
Johnson Seeds	EX9201 VT3	Bt,CRW,GLY	101	219	186	204	203	19.4
G2 Genetics	5H-700 RR/HX	Bt,GLY,LL	100	236	207	201	215	19.5
NuTech Seed	3T-401A VT3	Bt,CRW,GLY	101	237	175	226	212	19.5
Renk	RK698VT3	Bt,CRW,GLY	103	236	202	218	219	19.6
NuTech Seed	5N-001 GT/CB/LL/RW	Bt,CRW,GLY,LL	101	189	152	209	184	19.6
NuTech Seed	5N-102 GT/CB/LL/RW	Bt,CRW,GLY,LL	101	213	180	195	196	19.6
Johnson Seeds	LR9101 VT3	Bt,CRW,GLY	101	240	211	216	222	19.7
G2 Genetics	5H-501 RR/HX	Bt,GLY,LL	101	225	189	216	210	19.7
Titan Pro	1018		105	242	193	192	209	19.8
G2 Genetics	5H-502 RR/HX	Bt,GLY,LL	101	236	178	202	205	19.9
Pioneer Brand	36V53	Bt,GLY	102	220	205	204	210	20.3
Titan Pro	80A01GL	Bt,CRW,GLY,LL	101	227	161	230	206	20.4
Dairyland Seed	ST-9500Q	Bt,CRW,GLY,LL	100	221	179	183	195	20.5
Pioneer Brand	P0461XR	Bt,CRW,GLY	104	231	182	181	198	20.5
Titan Pro	80X02	Bt, CRW,LL	102	224	191	198	204	20.6
Dairyland Seed	ST-9703Q	Bt,CRW,GLY,LL	103	191	189	159	180	21.0
Pioneer Brand	35F44	Bt,CRW,GLY	105	240	181	193	205	22.2
Later than 99 RM averages:				226	188	205	206	19.3
Central locations, late-maturity averages:				223	185	202	203	18.9
LSD(0.20)				16	25	16	13	0.6

Glyphosate-tolerant hybrids, northern locations, 2010.

Source / Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Crookston	Rothsay	Staples	Bu/Acre	% Moisture
82 and earlier RM glyphosate-tolerant hybrids								
NuTech Seed	3A-382 GT	GLY	82	178	171	144	165	15.6
Dairyland Seed	ST-6382	GLY	82	167	169	146	161	15.9
Pioneer Brand	39V07	Bt, GLY	80	177	146	134	152	15.9
NuTech Seed	3T-482 VT3	Bt, CRW, GLY	82	169	155	152	159	16.6
Dahlman	R41-44	GLY	82	186	179	139	168	16.8
NuTech Seed	3T-484 VT3	Bt, CRW, GLY	82	198	190	131	173	17.1
G2 Genetics	5H-080 RR/HX	Bt, GLY, LL	80	211	181	172	188	17.3
NuTech Seed	3A-484 RR	GLY	82	183	177	157	172	17.5
82 and earlier RM glyphosate-tolerant hybrid averages:				184	171	147	167	16.6
83 to 87 RM glyphosate-tolerant hybrids								
PFS	56J86	Bt, CRW, GLY	86	205	188	166	186	16.3
NuTech Seed	5B-186 GT/CB/LL	Bt, GLY, LL	86	202	187	154	181	16.5
Johnson Seeds	EX9184 VT3	Bt, CRW, GLY	84	182	180	161	174	16.5
NuTech Seed	1B-186 CB/LL	Bt, LL	86	197	198	131	175	16.5
Hyland Seeds	Hyland HL R228	GLY	85	181	204	147	177	16.5
Pioneer Brand	P8581R	GLY	85	192	178	161	177	16.6
PFS	57V84	Bt, CRW, GLY	84	197	160	150	169	16.7
Dahlman	R43-42VT3	Bt, CRW, GLY	86	209	178	152	180	16.7
Dairyland Seed	ST-9286	Bt, CRW, GLY	86	212	172	151	179	16.8
Dyna-Gro Seed	52V01	Bt, CRW, GLY	87	209	178	152	180	16.8
Johnson Seeds	40J187 VT3	Bt, CRW, GLY	86	210	195	140	182	16.9
Hyland Seeds	Hyland HL CVR34	Bt, CRW, GLY	87	212	188	140	180	17.2
G2 Genetics	5H-884 RR/HX	Bt, GLY, LL	84	190	177	142	169	17.3
Dyna-Gro Seed	D27GC19	Bt, GLY, LL	87	201	149	156	169	17.3
Dairyland Seed	ST-7985	Bt, GLY	85	220	195	136	184	17.4
Legacy Seeds, Inc	L-2750 3000GT	Bt, CRW, GLY, LL	86	188	170	147	169	17.4
Dekalb	DKC35-43 (VT3)	Bt, CRW, GLY	85	183	167	148	166	17.4
G2 Genetics	5H-589 RR/HX	Bt, GLY, LL	87	210	190	167	189	17.5
Renk	RK268VT3	Bt, CRW, GLY	85	193	199	141	178	17.6
Hyland Seeds	Hyland 8234	Bt, CRW, GLY, LL	87	207	195	143	181	17.7
Proseed	884 VT3	Bt, CRW, GLY	84	188	153	161	167	17.8
Proseed	1086 3000GT	Bt, CRW, GLY, LL	86	199	169	155	174	17.8
NuTech Seed	5N-186 GT/CB/LL/RW	Bt, CRW, GLY, LL	86	198	170	142	170	17.8
Dekalb	DKC36-34 (VT3)	Bt, CRW, GLY	86	194	190	176	187	17.8
G2 Genetics	5H-885 RR/HX	Bt, GLY, LL	85	194	178	170	180	17.9
Johnson Seeds	40J185 3000GT	Bt, CRW, GLY, LL	85	185	202	143	177	17.9
PFS	54M83	Bt, CRW, GLY	83	184	174	169	176	17.9
Proseed	781 RRBt	Bt, GLY	83	186	171	151	169	18.1
Proseed	1085 RRBt	Bt, GLY	85	196	190	149	178	18.1
NuTech Seed	3C-889 RR/YGCB	Bt, GLY	87	229	206	133	189	18.2
Hyland Seeds	Hyland HL 4227	Bt, CRW, GLY, LL	85	187	179	170	179	18.5
NuTech Seed	3A-889 RR	GLY	87	230	190	156	192	18.5
Hyland Seeds	Hyland HL B27R	Bt, GLY, LL	85	190	186	177	184	19.4
83 to 87 RM glyphosate-tolerant hybrid averages:				199	182	153	178	17.4
88 to 92 RM glyphosate- tolerant hybrids								
Dahlman	R44-66	GLY	88	199	194	185	193	17.7
G2 Genetics	5H-992A RR/HX	Bt, GLY, LL	92	219	182	170	190	17.8
G2 Genetics	5H-992 RR/HX	Bt, GLY, LL	92	204	205	163	191	17.8
Renk	RK302GTCBLL	Bt, GLY, LL	89	229	188	176	198	17.9
Dyna-Gro Seed	D32RR29	GLY	92	204	190	147	180	18.0
PFS	26R92	RR	92	227	185	158	190	18.0
Pioneer Brand	38H08	Bt, GLY	92	194	177	175	182	18.0
Dahlman	R45-25VT3	Bt, CRW, GLY	90	204	181	137	174	18.0
NuTech Seed	5B-290 GT/CB/LL	Bt, GLY, LL	90	240	219	162	207	18.1
PFS	98L90	Bt, GLY, LL	90	227	211	166	201	18.1
Proseed	990 GTCBLL	Bt, GLY, LL	90	234	195	144	191	18.1
Legacy Seeds, Inc	L-3009 RR	GLY	92	211	186	143	180	18.1

Glyphosate-tolerant hybrids, northern locations, 2010 (continued).

Source/ Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:			Average Across Locations	
				Crookston	Rothsay	Staples	Bu/Acre	% Moisture
83 to 87 RM hybrids (continued)								
Renk	RK334RR	GLY	89	193	235	181	203	18.3
Johnson Seeds	LR9090 GTCBLL	Bt, GLY, LL	90	237	189	165	197	18.3
Dekalb	DKC42-72 (VT3)	Bt, CRW, GLY	92	218	174	189	193	18.4
Johnson Seeds	40J192 RR	GLY	92	220	245	179	215	18.4
Dahlman	R45-46	GLY	90	217	205	178	200	18.5
Dairyland Seed	ST-6992	Bt, GLY	92	220	189	154	188	18.5
NuTech Seed	3C-889A RR/YGCB	Bt, GLY	89	232	197	173	201	18.6
Hyland Seeds	Hyland HL CVR48	Bt, CRW, GLY	90	193	183	170	182	18.9
Dairyland Seed	ST-9789	Bt, CRW, GLY	89	216	209	188	205	19.2
Hyland Seeds	Hyland 8454	Bt, CRW, GLY, LL	92	234	202	170	202	19.3
Hyland Seeds	Hyland HL CVR54	Bt, CRW, GLY	92	218	187	157	187	19.3
NuTech Seed	3T-294 VT3	Bt, CRW, GLY	92	221	181	161	188	20.4
88 to 92 RM glyphosate-tolerant hybrid averages:				217	196	166	193	18.4
93 and later RM glyphosate-tolerant hybrids								
Dyna-Gro Seed	D35RR40	GLY	95	229	180	191	200	18.1
Dairyland Seed	ST-6494	GLY	94	199	209	150	186	19.3
Johnson Seeds	EX9595 CBLL	Bt, LL	95	208	205	157	190	19.3
NuTech Seed	5N-593 GT/CB/LL/RW	Bt, CRW, GLY, LL	93	222	214	149	195	19.4
NuTech Seed	3T-294A VT3	Bt, CRW, GLY	94	228	180	177	195	20.2
NuTech Seed	3T-393 VT3	Bt, CRW, GLY	93	231	193	159	194	20.5
93 and Later RM glyphosate-tolerant hybrid averages:				220	197	164	193	19.5
Glyphosate-tolerant northern locations averages:				205	187	158	183	17.8
LSD(0.20)				13	21	18	10	0.6

Hybrids without glyphosate tolerance, northern locations, 2010.

Source/ Brand	Hybrid	Traits	Relative Maturity	Yield, Bushels/Acre at:		Average Across Locations	
				Crookston	Staples	Bu/Acre	% Moisture
NuTech Seed	0A-183		82	175	138	156	16.8
Renk	RK212CBLL	Bt, LL	82	189	141	165	17.3
NuTech Seed	1B-592 CB/LL	Bt, LL	92	176	139	158	18.0
NuTech Seed	1B-291 CB/LL	Bt, LL	91	213	151	182	20.2
NuTech Seed	0A-693		92	206	154	180	20.5
Northern zone non-glyphosate hybrid average:				192	144	168	18.6
LSD(0.20)				15	13	9	1.1