

Table 13. Northern Zone Grain Trial. (page 1 of 2)

(COLEMAN = COL, MARSHFIELD = MAR, SPOONER DRYLAND SAND = SPD, SPOONER IRRIGATED SAND = SPI, SPOONER DRYLAND SILT LOAM = SPS)

Brand	Hybrid	Traits [†]	2012										2011											
			Average		Moist %	Test Wt.	Lodge %	Yield (bu/A)					Average		Yield (bu/A)									
			Yield (bu/A)	P.I. #				COL	MAR	SPD	SPI	SPS	Yield (bu/A)	P.I. #	COL	MAR	SPD	SPI	SPS					
Carharts Blue Top	CG90-3000GT	CB,LL,RR,RW	‡	‡	‡	‡	‡	‡	201	156	59	‡	133											
Legend Seeds	9090-3000GT	CB,LL,RR,RW	‡	‡	‡	‡	‡	‡	177	170	* 73	‡	* 144	* 181	* 104	182	188	* 195	187	* 155				
NuTech	5B-290	CB,LL,RR	‡	‡	‡	‡	‡	‡	229	* 191	* 68	‡	* 143											
Partners In Production	3190	CB,LL,RR,RW	‡	‡	‡	‡	‡	‡	137	116	65	‡	128	* 192	* 107	* 200	* 200	* 190	* 206	* 162				
Partners In Production	3787	CB,LL,RR,RW	‡	‡	‡	‡	‡	‡	138	109	40	‡	134											
Dairyland	DS6780	RR	138	95	12.7	59	2	163	168	58	174	126												
Mycogen	2T108	CB,LL,RR,RW	143	95	12.9	59	1	200	154	45	196	121												
NK Brand	N20Y-3000GT	CB,LL,RR,RW	158	101	13.1	58	1	199	188	62	206	134												
Dahlman	R4144VT2Pro	CB,RR	146	97	13.2	60	1	188	155	54	196	135												
Dekalb	DKC35-55	CB,RR,RW	* 164	101	13.3	59	1	228	* 192	54	* 218	127												
Pilgrim	8011GT	RR	137	95	13.3	57	1	158	160	63	169	136												
Croplan Genetics	2551VT3P	CB,RR,RW	143	96	13.3	58	1	185	157	56	197	118												
Pioneer	P8210HR	CB,LL,RR	148	98	13.3	58	1	177	167	62	203	132												
Dahlman	R4320VT2Pro	CB,RR	150	97	13.4	57	2	179	179	51	215	129												
Kussmaul	GL983GT	RR	* 166	* 103	13.4	58	4	223	* 193	66	214	134												
Dairyland	DS7085	CB,LL,RR	160	102	13.4	58	1	210	180	66	203	* 141												
Pilgrim	8301-3000GT	CB,LL,RR,RW	159	101	13.5	57	3	219	161	65	* 221	130												
Lemke	2027-3000GT	CB,LL,RR,RW	* 169	* 104	13.5	56	2	223	179	66	* 227	* 151												
G2 Genetics	5H-890	CB,LL,RR	* 169	* 103	13.5	55	3	220	* 191	66	* 230	* 138												
80-DAY HYBRID TRIAL AVERAGE##					13.6																			
Dekalb	DKC33-77	CB,RR,RW	153	98	13.6	58	1	185	189	54	205	133												
Legacy Seeds	L2910VT3P	CB,RR,RW	* 172	* 104	13.8	56	2	* 242	* 196	58	* 225	* 140												
Golden Harvest	H6240-3000GT	CB,LL,RR,RW	158	101	13.8	58	1	200	* 191	64	202	134												
Renk	RK268VT3	CB,RR,RW	157	99	13.8	56	1	191	168	54	* 223	* 147	158	97	150	159	174	167	142					
Dekalb	DKC38-03	CB,RR	* 176	* 106	13.9	57	2	230	* 213	* 68	* 233	136												
Renk	RK212GT	RR	151	98	13.9	57	2	191	176	63	194	131												
Channel	189-04VT3P	CB,RR,RW	* 181	* 108	13.9	57	1	* 260	* 204	* 77	* 227	134												
Lemke	2140	None	137	95	14.0	57	1	173	154	59	160	* 138												
Dahlman	R4466	RR	* 164	102	14.1	57	1	227	188	* 68	200	136	170	100	182	186	157	173	151					
Renk	RK202GTCBLLRW	CB,LL,RR,RW	141	97	14.1	57	1	146	175	* 69	178	135												
Carharts Blue Top	CG8500GT	RR	155	101	14.1	56	3	190	181	* 75	195	134	173	101	164	183	176	173	* 167					
Prairie Brand	867RR	CB,LL,RR,RW	129	92	14.2	56	1	146	112	55	191	* 142												
Foundation Direct	8936	None	126	91	14.2	57	1	132	143	57	174	126												
85-DAY HYBRID TRIAL AVERAGE##					14.2																			
G2 Genetics	5H-587	CB,LL,RR	* 164	* 103	14.2	57	2	195	* 192	* 69	* 217	* 147												
Partners In Production	3190	CB,LL,RR,RW	156	100	14.2	54	3	214	159	67	196	* 143												
G2 Genetics	5H-289	CB,LL,RR	159	98	14.2	58	1	220	163	37	* 233	* 139												
Prairie Brand	822SX	CB,LL,RR,RW	149	99	14.3	56	1	189	147	* 72	182	* 153												
Channel	190-95VT3P	CB,RR,RW	* 166	* 103	14.3	56	1	* 245	* 191	* 72	195	128	177	* 103	189	* 209	174	168	146					
Dairyland	DS7985	CB,LL,RR	* 170	* 104	14.3	57	4	* 239	* 192	* 70	212	137												

CONTINUED.

Table 13 (continued). Northern Zone Grain Trial. (page 2 of 2)

(COLEMAN=COL, SPOONER DRYLAND SAND = SPD, SPOONER IRRIGATED SAND = SPI, SPOONER DRYLAND SILT LOAM = SPS)

Brand	Hybrid	Traits [†]	2012										2011							
			Average			Yield (bu/A)							Average		Yield (bu/A)					
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	COL	MAR	SPD	SPI	SPS	Yield (bu/A)	P.I. #	COL	MAR	SPD	SPI	SPS	
Dahlman	R4546	RR	* 165	101	14.3	56	1	223	* 195	56	214	137	* 184	* 104	* 215	* 199	170	173	* 161	
Croplan Genetics	2520VT3	CB,RR,RW	161	101	14.3	56	1	208	177	57	215	* 149	171	101	* 199	186	166	173	133	
Dairyland	DS9383SSX	CB,LL,RR,RW	152	100	14.3	56	0	205	167	* 72	178	* 140								
NuTech	5N-186	CB,LL,RR,RW	147	97	14.4	56	1	184	161	59	194	* 138	165	99	146	181	173	180	143	
Legacy Seeds	L3011VT3P	CB,RR,RW	* 175	* 106	14.4	56	1	* 240	* 209	* 74	202	* 150								
Dekalb	DKC42-72	CB,RR,RW	* 172	* 105	14.4	56	0	232	183	* 72	* 230	* 144								
Dairyland	DS9992	CB,RR,RW	* 173	* 104	14.4	57	1	* 240	* 197	57	* 231	* 142								
Partners In Production	EX3381	CB,LL,RR,RW	124	91	14.5	56	1	136	145	61	151	126								
Dekalb	DKC39-07	CB,RR	* 175	* 104	14.5	57	1	* 255	186	57	* 236	* 141	* 181	* 103	192	* 210	163	184	154	
Partners In Production	3085	CB,LL,RR	152	98	14.5	56	3	189	178	61	195	* 139	* 182	* 103	* 213	188	182	170	* 158	
Renk	RK275GTCBLL	CB,LL,RR	153	100	14.6	57	2	202	149	* 72	203	* 139								
Great Lakes	3827VT3Pro	CB,RR,RW	* 164	101	14.6	56	2	230	187	61	210	131								
Carharts Blue Top	CR1890VT3P	CB,RR,RW	* 167	* 103	14.6	56	1	* 237	173	67	214	* 142								
90-DAY HYBRID TRIAL AVERAGE##					14.7															
Pioneer	P8906HR	CB,LL,RR	* 164	101	14.7	57	0	216	* 196	56	* 225	130	173	101	184	* 208	165	167	139	
Carharts Blue Top	CR8992VT3P	CB,RR,RW	* 174	* 105	14.7	56	1	* 237	* 212	66	* 223	131	* 187	* 105	* 221	* 214	161	180	* 157	
G2 Genetics	5X-9402	CB,LL,RR,RW	* 179	* 108	14.8	56	1	* 248	* 209	* 85	206	* 147								
PIP/Steyer	4292	CB,RR,RW	* 170	* 103	14.8	55	1	232	* 196	59	* 226	* 139								
Prairie Brand	920GT3	CB,LL,RR,RW	153	100	14.9	55	2	211	174	* 68	155	* 154								
Croplan Genetics	3299VT3P	CB,RR,RW	* 167	102	15.0	57	1	* 242	172	58	* 235	129								
Dahlman	R4530VT3Pro	CB,RR,RW	157	101	15.0	55	1	202	188	* 71	188	* 138	170	100	* 204	* 194	152	161	139	
Legacy Seeds	L2999-3000GT	CB,LL,RR,RW	* 173	* 103	15.1	55	3	217	* 208	63	* 241	134	* 188	* 105	* 211	186	* 197	196	148	
Prairie Brand	851SX	CB,LL,RR,RW	153	99	15.2	54	1	194	143	63	* 218	* 145								
G2 Genetics	5X-193	CB,LL,RR,RW	* 168	* 103	15.2	56	1	* 237	170	* 72	* 219	* 143								
Foundation Direct	8830	None	141	96	15.2	54	1	169	* 194	* 70	143	128								
Legend Seeds	47J087-Vip3111	CB,LL,RR,RW	* 167	102	15.3	55	2	* 268	180	62	178	* 147								
Dairyland	DS9487SSX	CB,LL,RR,RW	161	* 103	15.4	55	1	211	161	* 85	199	* 150								
Dairyland	DS9789SSX	CB,LL,RR,RW	162	* 103	15.4	56	2	210	180	* 84	197	* 138								
Spectrum	4130	None	151	98	15.4	54	3	186	185	65	180	* 142								
Prairie Brand	892SX	CB,LL,RR,RW	157	99	15.4	55	2	235	168	61	191	128								
G2 Genetics	5X-795	CB,LL,RR,RW	* 164	* 103	15.4	55	1	227	181	* 75	203	136	* 183	* 103	* 219	* 209	177	161	151	
NuTech	3A-8801	RR	141	95	15.5	57	1	173	154	62	192	126								
95-DAY HYBRID TRIAL AVERAGE##					15.9															
G2 Genetics	5H-696	CB,LL,RR	163	100	18.0	54	2	228	188	67	197	133								
MEAN			158	100	14.3	56	1	206	175	64	203	137	170	100	181	182	171	168	147	
LSD(0.10)**			17	5	0.9	1	1	31	22	17	25	16	14	4	26	21	16	20	17	

[†] Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense, wo = Water Optimize.

‡ All plots of this hybrid sustained bear damage in the SPI trial. The hybrid was dropped from the multi-location average analysis.

Average whole plant moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.