

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 [†]	2011										2010					
			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	SPD	SPI	SPS
Dekalb	DKC30-20	CB,RR,RW	134	91	15.6	57	2	115	155	139	130	130	143	91	136	129	158	149
Dahlman	R4010	None	139	92	15.8	56	3	117	169	142	132	135						
Pioneer	P8640HR	CB,LL	154	96	16.6	52	3	130	178	159	159	144						
80-DAY HYBRID TRIAL AVERAGE##			16.6															
G2 Genetics	5H-279RRHX	CB,LL	152	95	16.7	55	5	161	148	150	158	143						
Dekalb	DKC36-34	CB,RR,RW	162	98	16.8	55	1	174	* 193	159	158	125	161	95	128	153	195	167
G2 Genetics	5H-080RRHX	CB,LL	167	100	16.9	53	2	184	173	161	173	145	179	100	149	181	207	178
Dairyland	ST9085	CB,LL,RR,RW	168	100	16.9	54	2	169	180	165	170	* 159						
Partners In Production	3082	CB,LL,RR,RW	168	100	17.0	54	2	160	176	181	166	* 158						
NuTech	5N-183	CB,LL,RR,RW	165	99	17.0	53	3	168	185	171	162	137						
Golden Harvest	H6186-3000GT	CB,LL,RR,RW	161	98	17.2	56	3	167	168	169	164	140	181	* 101	* 183	171	206	165
Pioneer	P8906HR	CB,LL	173	101	17.3	54	1	184	* 208	165	167	139	* 193	* 104	158	191	222	* 203
Dahlman	R4330GENVT3P	CB,RR,RW	175	102	17.3	53	1	187	* 196	172	164	* 157						
G2 Genetics	5H-8901RRHX	CB,LL	156	96	17.3	55	1	153	184	160	148	137						
Croplan Genetics	2520VT3	CB,RR,RW	171	101	17.3	53	0	* 199	186	166	173	133	* 190	* 103	* 169	183	215	* 194
Carharts Blue Top	CG8300GT	RR	162	98	17.3	54	5	162	170	168	158	149						
Lemke	2020	None	174	102	17.4	53	2	176	173	177	172	* 172	* 190	* 103	* 180	177	220	* 184
Pioneer	P8581R	RR	170	100	17.4	54	1	183	192	163	167	144						
Channel	190-95VT3P	CB,RR,RW	177	* 103	17.4	52	0	189	* 209	174	168	146						
NuTech	5N-186	CB,LL,RR,RW	165	99	17.5	52	2	146	181	173	180	143	* 186	* 102	159	186	207	* 193
Dekalb	DKC39-07	CB,RR	* 181	* 103	17.5	53	2	192	* 210	163	184	154						
Legend Seeds	9090-3000GT	CB,LL,RR,RW	* 181	* 104	17.5	51	2	182	188	* 195	187	* 155						
NuTech	5N-290	CB,LL,RR,RW	* 194	* 107	17.5	51	1	* 201	* 197	* 196	* 218	* 158						
Renk	RK302GTCBLLRW	CB,LL,RR,RW	* 181	* 103	17.5	50	2	191	191	* 195	169	* 158						
Carharts Blue Top	CG8500GT	RR	173	101	17.5	53	3	164	183	176	173	* 167						
Pilgrim	8500GTCBLL	CB,LL,RR	* 180	* 103	17.5	53	3	176	180	* 188	197	* 159						
Pilgrim	87-3000GT	CB,LL,RR,RW	160	97	17.5	52	3	161	164	171	170	134						
Legacy Seeds	L2999	CB,LL,RR,RW	* 188	* 105	17.6	51	1	* 211	186	* 197	196	148						
85-DAY HYBRID TRIAL AVERAGE##			17.6															
Legacy Seeds	L2811	CB,RR,RW	172	101	17.6	53	1	171	* 201	169	172	148						
Partners In Production	3190	CB,LL,RR,RW	* 192	* 107	17.6	51	2	* 200	* 200	* 190	* 206	* 162						
Kussmaul	GL-987QuadVip	CB,LL,RR,RW	169	100	17.7	52	2	169	174	176	168	* 159						
Partners In Production	3887	CB,LL,RR,RW	169	100	17.7	52	2	172	171	178	177	148						
Legend Seeds	5080	None	157	96	17.7	52	3	173	151	162	159	138						
Renk	RK292GTCBLLRW	CB,LL,RR,RW	165	99	17.7	52	1	174	174	174	158	146						
G2 Genetics	5H-8902RRHX	CB,LL	165	98	17.7	53	2	193	177	166	155	133						
NK Brand	N19G-3111	CB,LL,RR,RW	156	96	17.8	54	1	156	158	177	151	137						
Legacy Seeds	L2750	CB,LL,RR,RW	177	102	17.8	54	2	* 205	* 201	174	162	141	* 185	* 101	166	174	210	* 188
Partners In Production	3085	CB,LL,RR	* 182	* 103	17.9	53	4	* 213	188	182	170	* 158						
Renk	RK268VT3	CB,RR,RW	158	97	17.9	52	1	150	159	174	167	142						

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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 [†]	2011										2010						
			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	SPD	SPI	SPS	
Dahlman	R4466RR	RR	170	100	17.9	52	1	182	186	157	173	151	* 184	* 101	153	181	221	181	
Kussmaul	GL-885Quad	CB,LL,RR,RW	169	100	18.0	52	4	180	147	176	171	* 171							
G2 Genetics	5H-492RRHX	CB,LL	178	102	18.1	53	2	189	* 207	179	173	144							
90-DAY HYBRID TRIAL AVERAGE##					18.2														
Dairyland	ST7291	CB,LL	170	100	18.2	51	2	182	186	167	179	134							
Dairyland	ST9286SSX	CB,LL,RR,RW	162	98	18.3	52	0	* 201	165	157	146	142	178	99	147	164	203	* 196	
Croplan Genetics	2738SS	CB,LL,RR,RW	161	97	18.3	51	1	* 196	182	152	156	121							
Pilgrim	8900GT	RR	179	102	18.3	52	3	188	186	* 195	166	* 158							
Partners In Production	3090	RR	175	101	18.4	52	3	171	164	* 188	189	* 159							
Legend Seeds	30J190	None	175	101	18.6	51	3	169	182	183	186	153							
G2 Genetics	5X-9101RRHXT	CB,LL,RR,RW	167	99	18.7	51	1	* 208	184	173	152	119							
Carharts Blue Top	CR8992VT3P	CB,RR,RW	* 187	* 105	18.7	52	0	* 221	* 214	161	180	* 157							
Dekalb	DKC43-27	CB,RR,RW	163	98	18.8	52	0	* 200	165	163	155	131							
Renk	RK295GT	RR	* 181	102	18.8	52	4	192	178	* 200	175	* 159							
Croplan Genetics	3114VT3	CB,RR,RW	167	99	18.8	53	1	* 203	166	161	154	152	* 186	* 101	132	* 194	* 229	* 190	
Dahlman	R4530GENVT3P	CB,RR,RW	170	100	18.9	53	0	* 204	* 194	152	161	139							
Dairyland	ST9992	CB,RR,RW	178	102	19.0	52	0	* 214	* 193	164	169	151							
Dairyland	ST9789SSX	CB,LL,RR,RW	162	97	19.0	51	1	183	174	161	162	129							
Dahlman	R4546RR	RR	* 184	* 104	19.1	52	1	* 215	* 199	170	173	* 161							
G2 Genetics	5X-795RRHXT	CB,LL,RR,RW	* 183	* 103	19.6	52	1	* 219	* 209	177	161	151							
NuTech	5N-9001	CB,LL,RR,RW	178	102	19.8	53	1	* 195	* 196	* 188	165	148							
CB Seeds	3150	RR	164	98	19.9	51	2	170	179	175	156	142	* 194	* 104	* 195	* 194	214	175	
MEAN			170	100	17.8	53	2	181	182	171	168	147	180	100	152	178	210	181	
LSD(0.10)**			14	4	0.9	1	2	26	21	16	20	17	14	4	27	19	17	20	

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

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.