

GRAIN TRIALS

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

(Coleman= COL, Spooner dryland sand= SPD, Spooner irrigated sand= SPI, Spooner dryland silt loam= SPS)

Brand	Hybrid	Traits†	2014										2013					
			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
Jung	4D110RIB	CB,RR	140	97	20.6	54	0	131	135	133	175	124						
Jung	4D101RIB	CB,RR	155	* 102	20.8	53	0	* 166	149	149	172	137						
ProHarvest	2512VT3	CB,RR,RW	138	97	20.9	54	0	140	134	133	150	134						
Dekalb	DKC32-92RIB	CB,RR	144	98	21.1	52	0	152	135	146	166	121						
Pilgrim	8301-3000GT	CB,LL,RR,RW	144	98	21.2	52	1	138	137	141	169	134	132	* 100	208	* 65	192	65
Dairyland	DS7085	CB,LL,RR	149	100	21.3	53	2	158	157	142	162	122	128	98	190	* 61	188	70
Brunner	2853GTCBLL	CB,LL,RR	129	93	21.9	53	0	125	141	135	138	109						
Dahlman	R41-28VT2PRIB	CB,RR	144	98	22.0	56	0	139	141	147	164	130						
Dahlman	R39-11	RR	117	89	22.1	55	4	117	103	129	138	98						
DuPont Pioneer	P8673AM	CB,LL,RR	141	97	22.1	51	1	120	140	157	152	135						
80-DAY HYBRID TRIAL AVERAGE##			22.1															
NK Brand	N20Y-3220	CB,LL,RR	153	101	22.3	52	2	140	* 165	152	178	132						
PIP	X3585	CB,LL,RR,RW	153	101	22.3	52	2	159	150	154	170	132						
Legacy Seeds	L1943	CB,RR	155	* 102	22.3	53	0	137	152	160	181	* 147						
Dekalb	DKC31-01RIB	CB,RR	146	98	22.8	52	0	147	128	146	172	137						
Legend Seeds	JSC47J486GTCBLL	CB,LL,RR	152	100	23.0	52	1	144	156	143	176	139						
Pilgrim	8599	CB,LL,RR,RW	148	99	23.1	50	2	150	136	146	170	140						
Golden Harvest	G85A33-3220RIB	CB,LL,RR	152	100	23.1	53	0	152	142	146	186	133						
Legend Seeds	LR9583RR	RR	158	* 102	23.3	52	0	156	151	144	187	* 150						
PIP	X3485	CB,LL,RR	151	100	23.5	51	1	157	151	149	161	136						
Legacy Seeds	L2813	CB,RR	* 168	* 105	23.5	53	1	* 175	155	169	192	* 149						
NK Brand	SG1922-3011A	CB,LL,RR,RW	164	* 103	23.5	53	1	* 169	145	* 177	189	138						
Golden Harvest	SG1922-3011A	CB,LL,RR,RW	162	* 103	23.8	52	1	* 166	150	163	195	139						
ProHarvest	2623VT3PRO	CB,RR,RW	161	* 102	24.0	53	0	158	144	173	191	141						
85-DAY HYBRID TRIAL AVERAGE##			24.0															
Titan PRO	TP32-86RR2	RR	152	99	24.1	52	0	146	146	159	185	125						
Legacy Seeds	L2643(RIB)	CB,RR	154	100	24.1	52	0	148	124	167	193	138						
Channel	189-03VT2PRIB	CB,RR	* 174	* 106	24.2	52	0	* 164	* 173	172	208	* 153						
Dahlman	R43-23VT2PRIB	CB,RR	158	101	24.2	52	0	136	143	* 175	195	141	136	* 100	192	* 62	217	73
Legacy Seeds	L3011	CB,RR,RW	* 170	* 105	24.3	51	1	151	* 168	* 176	198	* 155	* 153	* 106	* 216	* 61	* 237	* 99
PIP	3190(VIP3111)	CB,LL,RR,RW	162	* 102	24.6	50	1	157	157	161	188	* 146	* 152	* 106	* 224	* 67	224	92
ProHarvest	2505RR	RR	154	100	24.7	52	0	150	129	168	174	* 152						
Dahlman	R44-66	RR	159	101	24.7	51	2	* 168	144	169	173	* 142	138	* 100	209	51	206	87
Jung	7S191RIB	CB,LL,RR,RW	151	99	24.8	53	0	151	145	146	176	139						
Federal Hybrids	3540VT2P	CB,RR	158	101	24.8	52	0	158	136	162	183	* 154						
Renk	RK266VT3P(RIB)	CB,RR,RW	155	100	24.8	53	0	* 181	132	156	175	132						
Titan PRO	2M91-2P	CB,RR	* 172	* 105	24.9	51	2	* 176	157	* 177	190	* 160						
Dekalb	DKC36-30RIB	CB,RR	160	101	25.0	51	1	* 169	144	159	192	137						
Dairyland	DS1088	None	143	96	25.1	50	2	133	148	158	163	113						
Golden Harvest	G88M78-3110A	CB,LL,RR-wo	155	100	25.1	50	1	155	139	150	181	* 149						

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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†	2014										2013								
			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			
Renk	RK231GT	RR	145	96	25.1	52	2	133	139	141	182	133									
NK Brand	N23M-3110A	CB,LL,RR-wo	156	100	25.3	50	0	* 160	150	153	183	136	143	* 105	188	* 64	215	* 106			
PIP	3388	CB,LL,RR,RW	151	98	25.7	50	1	152	125	151	179	* 146	139	* 102	201	* 69	203	84			
Renk	RK302GTCBLLRWBL	CB,LL,RR,RW	162	* 102	25.7	50	2	* 168	* 159	164	177	* 145	* 158	* 106	* 225	* 58	* 248	* 101			
PIP	X3488	CB,LL,RR	151	98	25.8	51	1	* 164	153	144	167	127									
DuPont Pioneer	P8954AM	CB,LL,RR-wo	153	99	25.9	51	0	138	143	158	185	* 143									
Golden Harvest	SH2642-3111	CB,LL,RR,RW	* 170	* 104	25.9	50	0	* 180	* 164	161	195	* 150									
Federal Hybrids	4130VT2P	CB,RR	* 168	* 104	26.0	51	0	* 166	150	* 185	186	* 151									
Jung	7S252RIB	CB,LL,RR,RW	152	99	26.2	52	0	* 161	145	155	171	130									
90-DAY HYBRID TRIAL AVERAGE##			26.2																		
Renk	RK299VT2P	CB,RR	163	* 102	26.3	51	0	* 160	144	174	194	* 144									
NuTech/G2 Genetics	5X-894	CB,LL,RR,RW	165	* 103	26.5	51	0	* 176	151	165	189	* 143	* 150	* 105	207	* 58	* 231	* 104			
NuTech	5B-290	CB,LL,RR	* 172	* 104	26.6	50	1	* 166	* 179	171	208	135	* 150	* 103	* 229	* 58	220	90			
Legend Seeds	LR55A89GTCBLL	CB,LL,RR-wo	158	99	26.7	50	5	* 168	134	162	199	125									
Renk	RK492SSTX(RIB)	CB,LL,RR,RW	* 177	* 106	26.8	51	0	153	153	* 192	* 232	* 155									
Legend Seeds	LR9090-VIP3111	CB,LL,RR	156	99	26.9	49	2	* 165	145	147	174	* 148									
Channel	190-13VT2PRIB	CB,RR	154	98	27.0	51	0	118	136	170	207	138									
Spectrum	4130	None	151	97	27.0	50	3	145	134	164	169	* 144	* 154	* 105	* 236	* 61	* 230	92			
Legacy Seeds	L3022	CB,LL,RR,RW	* 167	* 103	27.1	51	1	155	154	171	203	* 155									
Elk Mound	8715	None	161	100	27.2	50	8	* 164	157	162	186	134									
NK Brand	SH2642-3111	CB,LL,RR,RW	161	101	27.2	50	2	* 163	151	163	195	134									
Dairyland	DS9487RA	CB,LL,RR,RW	155	99	27.3	50	1	155	138	163	179	141	* 146	* 104	* 213	* 69	213	88			
PIP/Steyer	4292	RR	163	101	27.3	51	1	* 185	143	174	187	126									
Legend Seeds	JSC30J590	None	165	* 102	27.5	52	1	150	148	* 179	206	141									
DuPont Pioneer	P9284AM	CB,LL,RR	* 168	* 103	27.7	52	2	* 166	144	* 182	197	* 152									
Legend Seeds	JSC30J286	None	149	96	27.7	50	8	135	137	* 177	171	127									
Titan PRO	TP48-932P	CB,RR	* 173	* 104	28.0	50	0	* 179	* 162	173	200	* 148									
NuTech/G2 Genetics	5F-091	CB,LL,RR	* 175	* 105	28.1	50	1	* 175	* 170	174	198	* 158									
95-DAY HYBRID TRIAL AVERAGE##			29.1																		
Dairyland	DS9791RA	CB,LL,RR,RW	160	99	30.2	49	0	* 180	131	171	187	128	142	99	* 223	55	211	78			
Dahlman	D42-05	None	134	90	30.3	50	2	136	123	145	159	107									
Dairyland	DS9694RA	CB,LL,RR,RW	145	94	30.3	49	1	142	131	169	164	121									
Dairyland	DS9093	CB,LL,RR,RW	147	95	30.4	49	1	* 161	134	141	175	122									
Renk	RK522SSTX(RIB)	CB,LL,RR,RW	166	101	31.0	50	0	* 175	141	163	207	* 145									
NuTech	5V-195	CB,LL,RR,RW	154	96	31.0	49	2	* 161	137	152	190	132									
MEAN			156	100	25.2	51	1	155	145	159	182	137	136	100	198	56	204	87			
LSD(0.10)**			10	4	1.6	1	2	25	21	17	18	18	14	6	24	12	23	30			

† 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.

Average grain 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.