

# GRAIN TRIALS

**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†	2016										2015						
			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
Great Lakes	3337VT2RIB	CB,RR	175	94	18.7	56	1	177	171	195	172	158							
Jung	4D113RIB	CB,RR	168	92	18.7	58	1	155	168	171	182	163	164	95	160	161	140	175	186
Dekalb	DKC34-82RIB	CB,RR	171	93	18.7	56	1	179	177	167	177	155	167	96	158	160	153	191	175
Great Lakes	3510VT2RIB	CB,RR	179	95	19.0	57	1	184	178	180	190	161							
Dekalb	DKC32-12RIB	CB,RR	165	91	19.2	57	1	160	160	157	176	173							
Legend Seeds	LR9583VT2PRIB	CB,RR	175	94	19.3	55	1	173	173	168	181	179	188	101	181	188	* 177	205	191
Renk	RK266VT3P(RIB)	CB,RR,RW	181	95	19.4	56	1	175	188	169	196	177	174	97	165	163	* 164	187	190
Munson	4808VT2P	CB,RR	198	99	19.4	55	1	214	198	184	203	193							
<b>80-DAY HYBRID TRIAL AVERAGE##</b>			<b>19.5</b>																
Jung	4D178RIB	CB,RR	205	101	19.6	56	1	207	200	202	210	204	195	102	* 205	186	* 168	* 221	193
Legacy Seeds	L2516	CB,RR	178	94	19.6	57	2	191	190	172	168	167							
Legacy Seeds	L2916	CB,RR	194	98	19.6	55	1	196	203	201	186	182							
Munson	4309VT2PRIB	CB,RR	182	95	19.6	56	2	184	190	175	193	168							
Jung	4D260RIB	CB,LL,RR,RW	202	100	19.6	55	0	* 228	205	180	213	182							
Dekalb	DKC35-88RIB	CB,RR	187	96	19.6	57	2	191	180	183	192	188							
Federal Hybrids	3270VT2P	CB,RR	177	94	19.7	56	1	181	186	168	185	167							
ProHarvest	2505RR2	RR	195	98	19.7	56	3	195	185	211	202	183	193	102	177	* 204	* 170	* 216	200
NK Brand	N17R-3010A	CB,LL,RR-wo	168	92	19.8	55	0	168	172	167	160	175							
Steyer Seeds	8601VT2PRO	CB,RR	213	103	19.9	55	0	* 233	198	214	* 218	202							
DuPont Pioneer	P8542AM	CB,LL,RR	226	* 106	20.0	56	1	* 237	* 230	213	* 221	* 226							
Federal Hybrids	3970VT2	CB,RR	198	99	20.0	54	2	203	204	184	207	193							
Dairyland	DS9787SSX	CB,LL,RR,RW	199	99	20.1	55	1	205	198	191	213	190							
Munson	4672VT2P	CB,RR	202	100	20.2	55	0	216	202	207	209	177							
<b>85-DAY HYBRID TRIAL AVERAGE##</b>			<b>20.2</b>																
Brunner	2822GT	RR	185	96	20.2	56	2	186	199	194	179	168	177	98	165	174	153	181	210
Federal Hybrids	4060VT2PRIB	CB,RR	214	103	20.2	54	1	201	* 230	220	* 217	204							
PIP	3685	CB,LL,RR,RW	203	100	20.5	57	0	208	212	210	196	190	190	102	* 205	188	* 164	196	197
NK Brand	N18Q-3011A	CB,LL,RR,RW-wo	210	102	20.5	57	0	* 230	226	208	188	198	192	102	187	193	162	205	214
NK Brand	N22S-3010	CB,LL,RR	225	* 106	20.5	55	0	* 236	215	* 231	* 228	212							
Foundation Direct	ORG8972	None	196	98	20.5	58	4	193	192	202	190	202							
Steyer Seeds	8602GT3000	CB,LL,RR,RW	196	98	20.6	56	1	183	205	191	205	197	187	101	190	178	* 163	196	209
Legacy Seeds	L2735	CB,LL,RR,RW	208	101	20.6	56	0	219	218	196	203	203							
Brunner	2865	None-wo	208	101	20.6	57	1	215	* 227	196	207	195							
Legend Seeds	LR97A89-3011A	CB,LL,RR,RW	207	101	20.6	56	1	215	221	198	205	196							
Channel	190-13VT2PRIB	CB,RR	217	104	20.6	55	0	197	* 227	223	215	* 224							

CONTINUED.

# GRAIN TRIALS

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

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

Brand	Hybrid	Traits†	2016										2015						
			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
Munson	4877GTCBLL	CB,LL,RR	224	* 105	20.7	56	1	* 223	* 229	* 230	* 225	214							
Munson	4654-3011A	CB,LL,RR,RW-wo	209	102	20.7	58	0	202	* 227	214	198	205							
ProHarvest	4203VT3PRORIB	CB,RR,RW	198	99	20.7	54	1	197	207	186	209	190							
Federal Hybrids	3660GT3011A	CB,LL,RR,RW-wo	209	101	20.8	56	1	* 224	210	201	204	203	181	99	184	185	156	185	196
Legacy Seeds	L2924	CB,RR	213	103	20.8	54	1	211	220	212	213	211	* 215	* 106	* 208	* 215	* 179	* 234	* 235
Dairyland	DS9686	CB,LL,RR,RW	208	101	20.9	57	0	211	218	202	201	208							
Brunner	3920	None	206	101	21.0	55	1	204	205	194	212	214	* 202	* 103	* 194	* 207	* 167	* 220	* 225
Legend Seeds	LR30J685	None	217	103	21.0	56	1	* 226	218	200	* 217	223							
Federal Hybrids	3950VT2PRIB	CB,RR	219	104	21.0	56	1	* 226	218	220	* 219	212							
NK Brand	N19D-3110A	CB,LL,RR-wo	199	99	21.2	56	2	189	197	202	208	197							
<b>90-DAY HYBRID TRIAL AVERAGE##</b>			<b>21.2</b>																
Dairyland	DS1091	None	212	101	21.4	57	7	192	221	* 230	212	203							
Federal Hybrids	4160VT2PRIB	CB,RR	226	* 105	21.4	55	2	* 236	225	219	* 222	* 228							
NK Brand	N27P-3110A	CB,LL,RR-wo	* 238	* 108	21.5	56	1	* 228	* 245	* 249	* 228	* 242							
Renk	RK299VT2P(RIB)	CB,RR	197	98	21.5	55	1	202	199	198	195	190	191	100	* 193	188	162	200	210
Legacy Seeds	L3115	CB,RR	213	102	21.5	55	1	207	215	216	* 220	205							
Renk	RK408VT2P	CB,RR	226	* 105	21.5	55	1	* 235	219	225	* 234	217							
DuPont Pioneer	P9188AM	CB,LL,RR	* 228	* 106	21.6	55	1	* 227	* 239	215	* 227	* 232	* 205	* 104	* 195	* 208	* 168	* 230	* 225
Munson	5016VT2P	CB,RR	220	104	21.7	54	1	206	* 235	215	* 222	220							
PIP	3790	None	214	101	21.7	57	12	215	225	214	* 221	197							
Dairyland	DS7294	CB,LL,RR	* 235	* 107	21.7	56	1	* 240	* 243	* 229	* 227	* 235							
Renk	RK433VT2P	CB,RR	211	102	21.7	54	0	211	218	186	214	* 224							
Brunner	3915	None	214	102	21.8	53	2	207	* 236	188	210	* 229	* 208	* 105	* 202	* 206	* 166	* 225	* 240
NuTech/G2 Genetics	5F-091	CB,LL,RR	201	99	22.0	55	2	202	196	183	210	215							
Brunner	2894GT-3110A	CB,LL,RR-wo	205	100	22.1	55	0	197	198	206	* 225	198							
Longping	LP15M-EX2218	None	207	99	25.2	53	2	* 221	* 231	194	200	189							
Longping	LP15M-EX1972	None	217	101	25.6	52	3	* 223	* 240	213	208	201							
MEAN			203	100	20.6	56	1	205	208	199	205	198	188	100	186	184	159	203	208
LSD(0.10)**			10	3	0.5	1	2	20	18	22	17	18	13	3	22	19	23	19	23

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, Ify=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.