

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†	2018										2017				
			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. #	SPD	SPI	SPS
Dekalb	DKC26-40RIB	CB,RR	‡	‡	‡	‡	‡	171	128	‡	143	161	140	87	162	161	98
Federal Hybrids	3190VT2P	CB,RR	172	95	19.6	57	3	208	161	160	155	178					
Dekalb	DKC31-10RIB	CB,RR	176	96	19.8	56	5	215	156	164	150	195					
Jung	31DP308	CB,RR	166	94	20.0	57	2	201	134	157	159	179	179	97	201	187	150
LG Seeds	LG5370VT2RIB	CB,RR	184	98	20.1	57	2	196	167	183	177	196					
Legend Seeds	LR9882VT2PRIB	CB,RR	170	94	20.6	56	4	197	161	155	158	177					
80-DAY HYBRID TRIAL AVERAGE##			20.6														
LG Seeds	LG5375VT2RIB	CB,RR	184	98	21.0	56	2	200	150	184	189	198					
InVision	FS 35SV1 RIB	CB,RR	185	97	21.6	55	5	204	170	165	187	199					
Jung	37DP328	CB,RR	201	102	21.7	55	2	230	180	197	201	199					
Federal Hybrids	3790VT2P	CB,RR	202	101	21.7	56	8	229	197	178	198	207					
InVision	FS 37TV1	CB,RR	198	101	21.8	56	2	224	171	194	197	203					
Federal Hybrids	3570VT2PRIB	CB,RR	181	96	21.9	56	4	214	168	162	179	179	174	95	180	195	148
Jung	4D178RIB	CB,RR	190	99	22.0	55	1	219	162	182	177	207	182	97	198	199	149
ProHarvest	X18320	None	197	100	22.1	55	3	213	180	179	185	* 226					
Dairyland	RPM-2918AM	CB,LL,RR	189	97	22.1	53	10	231	167	160	174	214					
Brunner	2865GTA	RR-wo	184	97	22.2	56	3	192	172	176	174	207					
Project Seeds	8978GT	RR	188	98	22.2	57	3	214	168	167	197	196					
Legacy Seeds	L2817(RIB)	CB,RR	192	99	22.3	56	4	220	177	185	175	204					
85-DAY HYBRID TRIAL AVERAGE##			22.3														
Project Seeds	PS8922GT	RR	179	96	22.3	57	2	192	172	162	177	192					
Legend Seeds	JSC40J684RR	RR	198	99	22.3	56	12	207	186	194	200	204					
Federal Hybrids	3660GT3011A	CB,LL,RR,RW-wo	185	97	22.3	56	3	208	176	163	180	198	196	101	212	211	166
Renk	RK264RR	RR	185	97	22.4	55	3	226	161	177	161	199					
Munson	4417GT	RR	180	96	22.5	56	4	177	172	170	185	194					
Dekalb	DKC37-50RIB	CB,RR	196	100	22.6	54	2	227	178	178	207	193					
Dairyland	DS9686	CB,LL,RR,RW	193	99	22.8	56	3	223	179	177	191	196	202	102	219	222	165
LG Seeds	LG38C18VT2RIB	CB,RR	192	99	22.8	54	1	233	173	195	150	209					
LG Seeds	LG30C02VT2RIB	CB,RR	187	98	22.9	56	2	201	163	183	196	193					
NK Brand	NK8881-3010A	CB,LL,RR-wo	210	103	23.0	54	2	242	* 200	170	208	* 230					
Federal Hybrids	3890VT2P	CB,RR	206	103	23.1	54	0	223	* 206	195	206	203					
Foundation Direct	8972	None	203	101	23.1	57	6	222	175	192	200	* 227					
Jung	39DP338	CB,RR	* 227	* 108	23.2	54	0	242	* 211	* 217	* 221	* 246					
Brunner	2897GT-3010	CB,LL,RR	202	101	23.2	55	2	224	177	176	* 218	213	208	* 104	222	210	* 193
PIP	3888	CB,LL,RR	198	100	23.2	56	0	* 244	188	170	186	203					

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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†	2018										2017				
			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. #	SPD	SPI	SPS
Federal Hybrids	3880VT2PRIB	CB,RR	196	100	23.2	54	1	218	197	194	179	192	202	101	209	* 229	167
DuPont Pioneer	P9188AM	CB,LL,RR	204	102	23.3	56	4	229	* 211	167	204	209					
Munson	4821RR	RR	205	101	23.4	56	6	237	* 200	196	178	215					
Legacy Seeds	L2847	CB,RR	210	103	23.4	55	0	238	* 205	189	197	219	201	101	211	219	172
Jung	36DP318	CB,RR	196	100	23.5	55	1	217	171	196	194	200	185	98	198	192	166
Renk	RK287VT2P	CB,RR	* 220	* 106	23.8	54	1	* 244	195	* 198	* 232	* 229	199	100	210	227	160
NK Brand	N27P-3110A	CB,LL,RR-wo	209	103	23.8	55	2	* 248	* 199	* 200	191	207	* 222	* 107	* 231	* 242	* 194
Federal Hybrids	4190VT2P	CB,RR	196	100	24.0	54	1	220	188	176	200	195					
Brunner	3915GT-3110	CB,LL,RR	193	99	24.0	54	2	217	184	175	177	213	* 218	* 105	* 238	* 239	176
Legacy Seeds	L3117	CB,RR	194	99	24.1	54	0	216	192	189	185	186					
90-DAY HYBRID TRIAL AVERAGE##					24.1												
Munson	4830-3120EZ	CB,LL,RR	199	100	24.2	55	1	211	189	187	197	211					
Legacy Seeds	L2937(3120EZ)	CB,LL,RR	196	99	24.3	54	1	237	178	187	169	211					
Golden Harvest	G90Y04-3220A	CB,LL,RR-wo	207	102	24.3	55	1	* 248	192	188	200	206					
Munson	5016VT2P	CB,RR	207	102	24.5	53	1	230	* 208	194	189	216	207	102	220	* 232	170
InVision	FS 41TV1	CB,RR	* 223	* 106	24.8	54	0	* 260	* 210	* 208	* 215	221					
Spectrum	3617	None	205	101	24.9	55	8	223	* 204	* 204	181	214					
Renk	RK408VT2P	CB,RR	206	102	24.9	53	1	236	* 205	184	190	215					
ProHarvest	4255STAXRIB	CB,LL,RR,RW	213	103	24.9	54	1	* 255	* 199	* 198	195	216					
DuPont Pioneer	P9492AM	CB,LL,RR	* 219	104	25.1	54	4	* 255	* 214	196	* 211	219					
Federal Hybrids	4160VT2PRIB	CB,RR	214	104	25.2	53	1	241	194	* 204	208	223	* 210	103	* 231	* 229	170
ProHarvest	4340VT2P	CB,RR	* 218	* 105	25.2	54	0	* 265	* 201	* 216	182	225					
Legacy Seeds	L3017	CB,RR	* 215	104	25.8	54	1	* 248	* 206	* 212	205	201	* 212	103	* 226	* 232	* 178
95-DAY HYBRID TRIAL AVERAGE##					26.0												
Dairyland	DS7294a	CB,LL,RR	204	100	26.2	53	2	* 251	* 199	179	168	222					
Foundation Direct	EXP095	None	207	101	27.5	55	3	232	* 199	192	193	220					
Munson	5456VT2P	CB,RR	* 219	104	27.5	53	1	225	* 208	* 205	* 220	* 239					
MEAN			198	100	23.2	55	3	224	183	184	188	206	195	100	210	212	164
LSD(0.10)**			12	3	0.8	1	3	22	15	19	23	20	12	3	16	17	17

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

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

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

Shaded results provide the best estimate of relative hybrid performance.