

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†	2019										2018						
			Average					Yield (bu/A)					Average		Yield (bu/A)				
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	COL	SPD	SPI	SPS	Yield (bu/A)	P.I. #	COL	MAR	SPD	SPI	SPS	
Jung	32DP300	CB,RR	176	101	19.7	54	1	197	167	155	186								
Dekalb	DKC32-12RIB	CB,RR	165	98	19.8	55	2	182	154	165	161								
LG Seeds	LG30C02VT2RIB	CB,RR	167	99	20.4	54	1	187	154	160	169	187	98	201	163	183	196	193	
80-DAY HYBRID TRIAL AVERAGE##			21.0																
Dairyland	DS-2220AM	CB,LL,RR	174	100	21.0	54	1	190	156	178	172								
Jung	31DP308	CB,RR	155	94	21.2	53	1	189	145	127	158	166	94	201	134	157	159	179	
ProHarvest	2225VT2PRIB	CB,RR	162	96	21.6	54	2	177	152	157	160								
Legacy Seeds	L2347VT2P(RIB)	CB,RR	172	99	21.7	53	0	182	177	148	183								
Thunder Seed	6085 VT2P	CB,RR	161	96	21.7	52	1	181	150	139	173								
Federal Hybrids	3660GT3011A	CB,LL,RR,RW-wo	177	100	22.2	54	5	177	177	173	182	185	97	208	176	163	180	198	
LG Seeds	LG5375VT2RIB	CB,RR	185	* 103	22.3	54	0	198	168	* 185	190	184	98	200	150	184	189	198	
Project Seeds	PS1885GT	RR	170	97	22.4	54	11	147	157	* 199	177								
Federal Hybrids	3570VT2PRIB	CB,RR	163	96	22.4	53	2	178	155	143	177	181	96	214	168	162	179	179	
InVision	FS 35SV1 RIB	CB,RR	165	97	22.9	53	1	182	154	148	176	185	97	204	170	165	187	199	
Renk	RK278VT2P	CB,RR	180	101	22.9	53	1	193	166	182	178								
Thunder Seed	6987 VT2P	CB,RR	180	101	23.0	52	1	190	163	* 192	176								
Brunner	2897GT-3010	CB,LL,RR	183	101	23.0	53	7	183	* 184	179	188	202	101	224	177	176	* 218	213	
Renk	RK264RR	RR	170	98	23.1	53	3	176	159	161	183	185	97	226	161	177	161	199	
ProHarvest	2749VT2PRIB	CB,RR	185	102	23.1	53	1	* 218	170	169	182	197	100	213	180	179	185	* 226	
InVision	FS 37TV1 RIB	CB,RR	180	101	23.2	52	1	197	157	* 186	179	198	101	224	171	194	197	203	
LG Seeds	LG5370VT2RIB	CB,RR	186	102	23.3	53	1	202	175	180	186	184	98	196	167	183	177	196	
Dairyland	EXP-08508AMXT	CB,LL,RR,RW	187	* 103	23.4	52	2	187	165	* 205	192								
Dairyland	DS-3030AM	CB,LL,RR	* 205	* 108	23.4	51	0	* 223	* 194	* 197	* 204								
Frontiersmen	081-Y0-3110A	CB,LL,RR	159	95	23.4	54	2	178	136	159	163								
85-DAY HYBRID TRIAL AVERAGE##			23.4																
Foundation Direct	8978GT	RR	166	95	23.4	54	9	130	162	176	195	188	98	214	168	167	197	196	
Federal Hybrids	3790VT2PRIB	CB,RR	172	98	23.6	52	1	195	164	154	175	202	101	229	197	178	198	207	
Frontiersmen	087-E7VT2P	CB,RR	183	101	23.7	52	1	* 212	159	175	186								
Dekalb	DKC37-50RIB	CB,RR	183	101	23.8	52	0	* 211	168	163	190	196	100	227	178	178	207	193	
LG Seeds	LG38C18VT2RIB	CB,RR	181	100	23.8	51	3	181	172	178	191	192	99	233	173	195	150	209	
Jung	37SS328	CB,LL,RR,RW	171	98	24.0	54	3	185	171	143	187	201	102	230	180	197	201	199	
Legacy Seeds	L2918VT2P	CB,RR	186	102	24.1	52	3	206	170	175	192								
Renk	RK287VT2P	CB,RR	184	101	24.2	52	4	182	176	* 185	193	* 220	* 106	* 244	195	* 198	* 232	* 229	
Jung	39DP338	CB,RR	188	102	24.2	52	6	189	* 189	172	* 204	* 227	* 108	242	* 211	* 217	* 221	* 246	
Jung	36DP318	CB,RR	190	* 103	24.2	52	1	206	170	* 187	* 197	196	100	217	171	196	194	200	

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†	2019										2018						
			Average					Yield (bu/A)					Average		Yield (bu/A)				
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	COL	SPD	SPI	SPS	Yield (bu/A)	P.I. #	COL	MAR	SPD	SPI	SPS	
Jung	36DP310	CB,RR	169	97	24.4	53	2	173	168	150	185								
Thunder Seed	6986 VT2P	CB,RR	178	100	24.4	51	0	199	159	173	183								
Renk	RK312VT2P	CB,RR	182	100	24.7	52	4	188	163	*191	187								
Legend Seeds	JSC47J086 VIP3220	CB,LL,RR	167	95	24.7	54	8	160	159	175	176								
NK Brand	NK8881-3010A	CB,LL,RR-wo	172	98	24.9	52	2	194	171	152	171	210	103	242	*200	170	208	*230	
NK Brand	NK8519-3220-EZ1	CB,LL,RR	179	100	24.9	52	1	193	164	166	194								
ProHarvest	X17315	CB,RR	179	100	25.0	52	2	181	168	171	*198								
Legend Seeds	LR9886VT2PRIB	CB,RR	176	98	25.0	52	5	171	171	171	190								
NK Brand	NK8920-3120-EZ1	CB,LL,RR	167	95	25.1	51	9	161	163	160	185								
Thunder Seed	6888 VT2P	CB,RR	188	102	25.5	52	1	198	168	*191	*196								
90-DAY HYBRID TRIAL AVERAGE##			25.5																
Dairyland	DS-3370YHR	CB,LL,RR	190	102	25.6	52	1	*211	*188	168	191								
Legacy Seeds	L3048VT2P	CB,RR	191	102	25.9	52	1	202	173	181	*210								
Renk	RK433VT2P	CB,RR	191	*103	26.2	51	0	198	176	*197	194								
DuPont Pioneer	P9492AM	CB,LL,RR	*204	*106	26.2	50	0	*236	*191	*190	*200	*219	104	*255	*214	196	*211	219	
Dairyland	DS-3519AM	CB,LL,RR	*195	*103	26.3	53	3	*214	175	*184	*206								
Federal Hybrids	4160VT2PRIB	CB,RR	184	99	26.4	51	7	181	175	*187	193	214	104	241	194	*204	208	223	
Federal Hybrids	4190VT2PRIB	CB,RR	182	100	26.4	51	1	194	161	180	194	196	100	220	188	176	200	195	
NK Brand	NK9175-3110A	CB,LL,RR-wo	*198	*104	26.7	51	1	*226	*189	172	*204								
Project Seeds	PS1893GT	CB,LL,RR	183	100	26.8	51	0	*213	152	*189	178								
ProHarvest	4255STAXRIB	CB,LL,RR,RW	180	99	26.8	51	1	196	173	164	188	213	103	*255	*199	*198	195	216	
95-DAY HYBRID TRIAL AVERAGE##			27.1																
InVision	FS 41TV1 RIB	CB,RR	190	101	28.0	51	3	*221	164	168	*205	*223	*106	*260	*210	*208	*215	221	
ProHarvest	4340VT2PRIB	CB,RR	*202	*104	28.4	52	1	*230	178	*191	*209	*218	*105	*265	*201	*216	182	225	
NK Brand	NK9227-3220A-EZ1	CB,LL,RR-wo	183	99	28.6	50	2	207	170	172	183								
Dairyland	DS-3550YHR	CB,LL,RR	*206	*105	29.0	49	1	*229	*198	*189	*209								
MEAN			180	100	24.1	52	2	193	168	172	187	198	100	224	183	184	188	206	
LSD(0.10)**			14	5	1.4	1	6	27	15	22	14	12	3	22	15	19	23	20	

† 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.