

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†	2021											2020											
			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						
DeKalb	DKC31-85VT2PRIB	CB,RR	171	97	17.8	55	0	207	213	108	179	149	204	100	214	213	199	210	186						
80-DAY HYBRID TRIAL AVERAGE##			18.2																						
Jung	27DP202	CB,RR	176	99	18.2	56	0	210	206	*129	181	153													
Frontiersmen	081-Z1VT2PRIB	CB,RR	165	96	18.3	56	1	190	200	113	173	148													
Renk	RK227VT2P	CB,RR	158	93	18.4	58	4	195	204	95	165	130	212	101	244	200	215	216	187						
Dairyland	DS-2350RR	RR	176	98	18.4	54	4	211	231	112	170	156	209	100	217	206	210	213	198						
Thunder Seed	T6085 VT2P	CB,RR	182	100	18.5	57	1	221	222	107	186	*172	203	99	198	202	224	210	181						
Dekalb	DKC33-37VT2PRIB	CB,RR	166	96	18.8	57	0	183	200	113	181	150	195	97	192	204	207	200	175						
ProHarvest	X21200VT2P	CB,RR	166	95	19.1	56	1	199	201	102	180	150													
Jung	35DP301	CB,RR	181	100	19.4	56	0	205	230	127	183	160													
FS InVISION	FS 3508V RIB	CB,RR	180	99	19.7	55	1	218	213	125	189	155	220	103	239	*221	216	*221	*202						
Dairyland	DS-2505Q	CB,LL,RR,RW	190	*102	19.7	55	0	226	227	127	200	*169													
ProHarvest	X21209VT2P	CB,RR	171	96	20.1	55	0	209	219	91	178	156													
Dekalb	DKC36-48VT2PRIB	CB,RR	176	98	20.2	54	0	211	202	109	196	161													
Thunder Seed	T6185 VT2P	CB,RR	169	96	20.2	55	0	195	209	108	189	146	206	100	185	*222	224	210	192						
Thunder Seed	T6987 VT2P	CB,RR	179	98	20.3	56	1	216	225	115	190	147	210	100	217	*219	203	*221	188						
85-DAY HYBRID TRIAL AVERAGE##			20.3																						
Jung	40DP401	CB,RR	196	*103	20.6	55	0	239	229	123	213	*176													
Federal Hybrids	3510VT2PRIB	CB,RR	169	96	20.6	55	0	189	197	120	184	155	223	103	238	*227	230	*218	*200						
Dekalb	DKC36-86VT2PRIB	CB,RR	180	99	20.7	54	0	217	207	126	203	148	217	102	231	*219	225	213	198						
Federal Hybrids	3810VT2PRIB	CB,RR	179	98	20.8	55	0	203	216	115	198	162	215	101	241	197	231	213	193						
Jung	39DP338	CB,RR	202	*105	20.8	55	0	229	240	*150	212	*180	223	103	242	215	*244	215	198						
LG Seeds	LG36C62VT2RIB	CB,RR	180	99	20.9	55	0	211	227	128	185	148													
Federal Hybrids	3790VT2PRIB	CB,RR	177	97	21.0	56	1	218	221	111	192	144	209	100	208	205	214	*226	192						
Renk	RK256-3120	CB,LL,RR	191	101	21.1	57	0	233	232	*132	195	*164													
Viking	80-89	None	186	100	21.4	55	1	223	233	125	173	*176	*227	103	*257	211	*252	*224	190						
Federal Hybrids	4010VT2PRIB	CB,RR	189	100	21.4	54	2	223	233	115	208	*169	207	99	221	199	224	207	184						
Legend Seeds	JSC47J9185VIP3110	CB,LL,RR	181	98	21.5	56	0	226	222	108	186	162													
Jung	41DP400	CB,RR	201	*104	21.5	55	1	*254	245	128	200	*180													
Golden Harvest	G84J92-3120A EZ1	CB,LL,RR-wo	176	97	21.6	55	0	211	204	115	196	155													
LG Seeds	LG42C24	None	*203	*103	21.6	54	1	*264	255	121	202	*173													
Dairyland	DS-3022AM	CB,LL,RR	*204	*104	21.6	55	1	*254	260	*132	208	*167													
Dairyland	DS-2828AM	CB,LL,RR	189	100	21.6	55	1	230	245	109	194	*167													
Renk	RK312VT2P	CB,RR	198	*103	21.8	55	0	227	258	*135	203	*167	*230	*104	*275	*223	231	*225	194						
Brunner	EXP88	None	183	98	21.8	54	1	217	244	115	187	152													

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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†	2021										2020						
			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
Thunder Seed	T6190 VT2P	CB,RR	187	100	21.9	54	2	217	233	126	198	159							
Dairyland	DS-3366AM	CB,LL,RR	200	* 103	22.0	56	1	242	253	* 131	213	161	* 231	* 105	251	* 230	* 239	* 223	* 213
Federal Hybrids	4160VT2PRIB	CB,RR	200	* 103	22.1	53	0	* 250	238	126	* 216	* 169	221	102	* 265	202	229	* 223	185
Jung	36DP318	CB,RR	177	98	22.1	54	1	203	221	128	178	157	211	99	211	210	* 237	214	181
Federal Hybrids	4225VT2P	CB,RR	202	* 104	22.2	54	0	223	253	* 149	* 218	* 168							
Federal Hybrids	3880VT2PRIB	CB,RR	187	100	22.3	54	0	224	224	126	204	156	222	102	* 264	205	* 243	203	195
ProHarvest	57P17VT2ProRIB	CB,RR	190	100	22.3	54	0	241	232	112	202	* 165	218	102	246	201	* 234	* 220	190
Legacy Seeds	LC413-20-3110A	CB,LL,RR-wo	195	101	22.3	54	0	231	236	120	213	* 173	221	102	240	202	* 243	* 222	197
90-DAY HYBRID TRIAL AVERAGE##					22.3														
Brunner	2897GT-3120EZ	CB,LL,RR	180	98	22.3	55	0	209	220	117	198	153	224	103	246	200	* 241	* 232	* 200
FS InVISION	FS 4507V RIB	CB,RR	195	101	22.4	55	0	232	248	111	211	* 172							
Brunner	3911GT-3110A	CB,LL,RR	200	* 103	22.4	54	0	* 247	245	* 132	* 215	161							
Ag Armour	AA9100	CB,LL,RR	192	101	22.5	54	0	238	231	* 133	188	* 170							
NK Brand	NK9023-5222 EZ1	CB,LL,RR,RW	183	98	22.6	55	0	220	227	115	197	154							
Legacy Seeds	LC391-20VT2P	CB,RR	* 207	* 105	22.7	54	0	227	249	* 147	* 226	* 183							
Renk	RK297VT2P	CB,RR	197	* 102	22.8	54	0	234	237	* 138	205	* 171							
ProHarvest	4255RR2	RR	193	101	23.1	53	1	229	243	118	209	* 168	214	100	* 255	210	214	202	191
Dairyland	DS-3162Q	CB,LL,RR,RW	201	* 103	23.2	52	1	* 248	259	* 135	204	157							
FS InVISION	FS 4008V RIB	CB,RR	* 206	* 104	23.4	53	0	231	253	* 147	* 227	* 170	223	102	* 255	211	* 232	* 227	189
Federal Hybrids	4185VT2PRIB	CB,RR	198	* 102	23.6	54	0	242	254	126	206	162							
Legacy Seeds	LC431-20SSX(RIB)	CB,LL,RR,RW	193	100	23.8	54	0	219	244	117	* 222	* 163							
NK Brand	NK9175-5222A EZ1	CB,LL,RR,RW-wo	192	100	23.8	54	0	244	238	* 130	193	155							
Legacy Seeds	LC-3048SS(RIB)	CB,LL,RR,RW	193	100	23.8	55	2	221	250	126	209	157							
95-DAY HYBRID TRIAL AVERAGE##					23.9														
Golden Harvest	G91V51-5222A EZ1	CB,LL,RR,RW-wo	196	101	23.9	54	0	238	244	122	203	* 173							
Federal Hybrids	4120VT2P	CB,RR	194	100	24.2	56	0	237	242	121	205	* 163							
ProHarvest	4340VT2PRIB	CB,RR	200	* 102	24.9	54	0	235	242	127	* 214	* 183	226	103	* 279	208	229	* 219	193
FS InVISION	FS 4715V	CB,RR	* 213	* 104	26.3	52	0	* 259	* 283	* 136	* 221	* 165							
MEAN			187	100	21.5	55	1	224	232	122	198	162	211	100	227	204	222	213	189
LSD(0.10)			10	3	1.0	1	1	18	17	21	13	20	14	3	29	15	20	18	14

† 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.