

### 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†	2013										2012						
			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	
Tracy Seeds	T078-13	None	110	93	18.4	52	1	156	47	160	78								
Dairyland	DS9780Q	CB,LL,RR,RW	123	97	19.3	55	2	176	47	175	91								
<b>80-DAY HYBRID TRIAL AVERAGE##</b>			<b>19.9</b>																
Dekalb	DKC30-19RIB	CB,RR	112	91	19.9	54	1	165	41	175	67								
Pilgrim	8301-3000GT	CB,LL,RR,RW	132	* 100	20.0	52	1	208	* 65	192	65	159	101	219	161	65	* 221	130	
Elk Mound	8100	None	114	91	20.0	51	2	176	41	182	58								
Dekalb	DKC33-78RIB	CB,RR	105	90	20.0	52	2	125	44	175	74								
Dairyland	DS7085	CB,LL,RR	128	98	20.1	52	0	190	* 61	188	70	160	102	210	180	66	203	* 141	
Brunner	2822GT	RR	129	97	20.2	52	2	190	51	199	77								
Great Lakes	3591RR	RR	122	98	20.3	51	1	171	49	163	* 104								
Dekalb	DKC35-54RIB	CB,RR	133	98	20.3	53	1	203	52	203	74								
Lemke	2020	None	135	* 102	20.3	52	1	190	* 67	197	88								
Legend Seeds	LR9384VT2PRIB	CB,RR	114	93	20.4	53	1	144	52	196	64								
Mycogen	2R158	CB,LL,RR,RW	125	95	20.4	52	1	196	49	188	68								
PiP/Steyer	3183	CB,RR	117	94	20.7	54	1	144	45	193	84								
PIP	3085(3000GT)	CB,LL,RR,RW	130	98	20.7	51	2	184	53	200	81								
Spectrum	3291	None	127	98	20.7	51	1	193	* 59	184	74								
Legend Seeds	LR9984-3122	CB,LL,RR,RW	135	* 100	20.8	52	0	199	* 63	205	71								
Channel	186-31VT2PRIB	CB,RR	131	99	20.9	51	2	181	54	202	86								
Dairyland	DS7985	CB,LL,RR	135	99	20.9	52	0	* 217	56	195	72	* 170	* 104	* 239	* 192	* 70	212	137	
Channel	189-03VT2P	CB,RR	* 144	* 104	20.9	51	1	200	* 60	216	* 99								
Golden Harvest	G85A33-3220	CB,LL,RR	130	98	20.9	51	1	182	56	208	72								
NK Brand	N19L-3110A	CB,LL,RR-wo	130	98	21.0	52	2	180	* 58	206	74								
Tracy Seeds	T086-13(3000GT)	CB,LL,RR	141	* 105	21.0	50	0	204	* 69	196	95								
DuPont Pioneer	P8622HR	CB,LL,RR	143	* 102	21.1	52	0	203	51	224	93								
Mycogen	2G192	CB,LL,RR	132	99	21.1	51	1	208	51	180	88								
<b>85-DAY HYBRID TRIAL AVERAGE##</b>			<b>21.2</b>																
Renk	RK266VT3P	CB,RR,RW	137	* 103	21.3	51	1	188	* 60	190	* 108								
Dahlman	R42-21VT2PRIB	CB,RR	141	* 102	21.4	51	1	201	55	211	* 96								
Dahlman	R44-66	RR	138	* 100	21.4	50	1	209	51	206	87	* 164	102	227	188	* 68	200	136	
Dahlman	R43-23VT2PRIB	CB,RR	136	* 100	21.5	51	0	192	* 62	217	73								
Dairyland	DS9383SSX	CB,LL,RR,RW	137	* 103	21.6	50	0	182	* 58	188	* 119	152	100	205	167	* 72	178	* 140	
Legacy Seeds	L2910	CB,RR,RW	136	99	21.6	50	2	195	48	215	87	* 172	* 104	* 242	* 196	58	* 225	* 140	
NK Brand	N23M-3110A	CB,LL,RR-wo	143	* 105	21.8	50	1	188	* 64	215	* 106								
Legacy Seeds	L2643	CB,RR	138	* 101	22.0	52	1	194	51	197	* 109								
DuPont Pioneer	P8906HR	CB,LL,RR	129	94	22.0	51	2	206	41	208	60	* 164	101	216	* 196	56	* 225	130	
PIP	3190(GTCBLL)	CB,LL,RR,RW	* 152	* 106	22.2	49	1	* 224	* 67	224	92	156	100	214	159	67	196	* 143	
Pilgrim	8801-3000GT	CB,LL,RR,RW	* 151	* 105	22.2	51	1	* 229	* 63	219	93								
NuTech	5B-888	CB,LL,RR	* 147	* 104	22.3	51	0	* 220	* 67	218	83								
Renk	RK290GTCBLLRW	CB,LL,RR,RW	129	98	22.6	50	1	197	* 58	177	84								

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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†	2013										2012						
			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	
NuTech/G2 Genetics	5Z-091	CB,LL,RR	* 150	* 103	22.6	51	3	* 224	53	* 233	92								
Legacy Seeds	L3011	CB,RR,RW	* 153	* 106	22.7	49	1	* 216	* 61	* 237	* 99	* 175	* 106	* 240	* 209	* 74	202	* 150	
Brunner	2885GT3	CB,LL,RR,RW	135	98	22.8	50	0	206	54	205	73								
NuTech/G2 Genetics	5X-894	CB,LL,RR,RW	* 150	* 105	22.9	50	1	207	* 58	* 231	* 104	* 179	* 108	* 248	* 209	* 85	206	* 147	
Dairyland	DS9487RA	CB,LL,RR,RW	* 146	* 104	22.9	49	1	* 213	* 69	213	88								
Carharts Blue Top	CR8992VT3P	CB,RR,RW	* 150	* 105	23.3	50	2	206	49	219	* 126	* 174	* 105	* 237	* 212	66	* 223	131	
PIP	3388	CB,LL,RR,RW	139	* 102	23.3	50	1	201	* 69	203	84								
<b>90-DAY HYBRID TRIAL AVERAGE##</b>					<b>23.3</b>														
Carharts Blue Top	CR1890VT3P	CB,RR,RW	133	99	23.5	49	1	194	52	189	* 98	* 167	* 103	* 237	173	67	214	* 142	
Spectrum	4130	None	* 154	* 105	23.8	49	1	* 236	* 61	* 230	92	151	98	186	185	65	180	* 142	
Renk	RK302GTCBLLBL	CB,LL,RR,RW	* 158	* 106	23.8	49	0	* 225	* 58	* 248	* 101								
PIP	3287	CB,LL,RR,RW	137	* 103	24.4	50	1	176	* 68	198	* 107								
Legend Seeds	LR4J087-VIP3111	CB,LL,RR,RW	140	* 101	24.6	50	1	203	* 58	201	* 98	* 167	102	* 268	180	62	178	* 147	
Channel	190-96STXRIB	CB,LL,RR,RW	143	* 102	24.7	49	1	208	* 62	215	89								
NuTech/G2 Genetics	5Z-9605	CB,LL,RR	142	* 102	24.7	49	1	* 212	56	198	* 102								
NuTech/G2 Genetics	5X-193	CB,LL,RR,RW	* 144	99	25.1	50	1	* 216	* 57	* 237	68	* 168	* 103	* 237	170	* 72	* 219	* 143	
<b>95-DAY HYBRID TRIAL AVERAGE##</b>					<b>25.2</b>														
DuPont Pioneer	P9305YHR	CB,LL,RR,RW	* 145	* 102	25.4	50	2	* 213	55	214	* 98								
NuTech	5B-290	CB,LL,RR	* 150	* 103	25.4	48	1	* 229	* 58	220	90			229	* 191	* 68		* 143	
PiP/Steyer	4392	CB,RR,RW	141	* 100	26.2	49	0	* 217	55	195	* 99								
Legend Seeds	LR9090VIP3220	CB,LL,RR	143	* 100	26.2	48	1	* 227	51	195	* 101								
NuTech	5N-9404	CB,LL,RR,RW	132	96	26.2	49	0	192	52	205	80								
Dairyland	DS9791RA	CB,LL,RR,RW	142	99	26.3	49	1	* 223	55	211	78								
Dairyland	DS9694SSX	CB,LL,RR,RW	* 151	* 103	27.1	50	0	* 222	55	* 225	* 102								
MEAN			136	100	22.2	51	1	198	56	204	87	158	100	206	175	64	203	137	
LSD(0.10)**			14	6	1.4	1	1	24	12	23	30	17	5	31	22	17	25	16	

† 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 whole plant 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.