

Table 10. Northern Zone Grain Trial (page 1 of 2)

RHINELANDER = RHI, SPOONER DRYLAND SAND = SPD, SPOONER IRRIGATED SAND = SPI, SPOONER DRYLAND SILT LOAM = SPS

BRAND	HYBRID	Genes [†]	2005							2004			6 Trial			
			AVERAGE				RHI	SPI	SPS	AVERAGE		SPD	SPI	SPS	AVERAGE	
			Yield bu/A	P.I. #	Moist %	Test Wt.	Lodged %	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	P.I. #	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A
Dairyland	Stealth 1785		121	93	21.3	55	1	110	169	83						
Brown	EX804LL	D	115	89	21.7	56	3	115	166	66						
Golden Harvest	H6155RR	J	121	91	21.9	54	1	132	160	70	123	95	110	145	113	122
Dekalb	DKC33-11(RR2YGCB)	GJ	146	100	22.0	57	0	188	163	87						
NK Brand	N18-F2		129	96	22.0	55	2	132	160	95 *						
Brunner	S8204		112	88	22.0	57	2	119	153	64	122	96	79	148	138 *	117
Dekalb	DKC37-14(RR2)	J	132	97	22.1	56	2	140	159	99 *						
Pioneer	38B12		153	104 *	22.3	54	2	175	170	113 *						
NK Brand	N16-M1	KD	160 *	103 *	22.3	56	0	221	175	83						
Golden Harvest	H6395		142	98	22.5	55	1	166	181	80						
Pilgrim	8401		149	102 *	22.5	55	2	172	178	98 *						
80-DAY HYBRID TRIAL AVERAGE##					22.7											
Dyna Gro	51K95	J	142	97	22.9	55	1	179	174	73						
NK Brand	N17-R3	KD	141	98	23.0	56	0	187	154	81						
NK Brand	N16-N7	KD	142	99	23.0	56	0	175	158	94 *						
Brunner	S2053RR	X	135	95	23.2	54	1	161	172	72						
Dairyland	Stealth 1685		146	99	23.2	54	1	168	183	86	129	98	118	146	122	137
Dyna Gro	51F23	G	172 *	108 *	23.3	55	0	220	191	105 *						
Renk	RK244LLYGCB	KD	158 *	102 *	23.3	56	0	210	178	85						
Dekalb	DKC40-05		144	97	23.4	54	1	171	188	73						
Brunner	S2055RR	J	127	94	23.5	53	1	134	166	82	131	98	114	142	138 *	129
Carharts Blue Top	CX585Bt	G	169 *	107 *	23.5	55	0	223	181	102 *	142	103 *	136 *	156	134	155 *
85-DAY HYBRID TRIAL AVERAGE##					23.6											
Brunner	S3403RRBt	GJ	156 *	104 *	23.6	55	0	199	167	101 *	153 *	107 *	142 *	177 *	139 *	154 *
Kaltenberg	K2515RRBt	GJ	169 *	108 *	23.6	55	0	213	180	114 *						
Renk	RK288YGCB	G	164 *	106 *	23.6	55	0	209	177	107 *	134	100	126	156	120	149 *
Mycogen	2R194	GJ	166 *	105 *	23.8	55	0	225 *	185	88	146 *	104 *	126	177 *	135	156 *
NK Brand	N22-T8	KD	146	99	23.8	55	0	191	164	82	145	104 *	130	159	146 *	146
Pioneer	39D82	G	154 *	99	24.0	54	0	220	177	64	156 *	108 *	154 *	166	149 *	155 *
NK Brand	N25-J7	KD	151	99	24.0	55	0	212	167	74	142	103 *	123	163	141 *	147

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Table 10 (continued). Northern Zone Grain Trial (page 2 of 2)

RHINELANDER = RHI, SPOONER DRYLAND SAND = SPD, SPOONER IRRIGATED SAND = SPI, SPOONER DRYLAND SILT LOAM = SPS

BRAND	HYBRID	Genes [†]	2005							2004					6 Trial	
			AVERAGE			RHI	SPI	SPS	AVERAGE		SPD	SPI	SPS	AVERAGE		
			Yield bu/A	P.I. #	Moist Test % Wt.	Lodged %	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	P.I. #	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	
Jung	6202RRYGCB	GJ	165 *	105 *	24.1	55	0	210	185	98 *						
Carharts Blue Top	CR840RB	GJ	146	97	24.2	55	0	196	170	71	143	103 *	140 *	153	134	144
Renk	RK282		136	94	24.3	53	2	159	184	65	129	96	126	143	119	133
Dekalb	DKC39-47(RR)	J	146	103 *	24.3	54	1	140	179	120 *						
Pioneer	39F28	LD	159 *	102 *	24.4	55	0	211	183	84	160 *	108 *	135	189 *	154 *	160 *
Kussmaul	SB2983RRYGPlus	GNJ	163 *	102 *	24.5	55	0	218	195 *	75						
Dairyland	Stealth 1488		140	97	24.9	52	1	164	168	86						
Kaltenberg	K2717RRBt	GJ	166 *	106 *	24.9	54	0	200	197 *	102 *						
Pioneer	38K35	LD	173 *	107 *	25.0	54	0	230 *	197 *	92 *						
Brunner	S3792RRBt	GH	167 *	104 *	25.1	54	0	209	204 *	87						
La Crosse Forage	LCX80		96	80	25.1	55	1	90	156	42						
Carharts Blue Top	CX1857Bt	G	172 *	105 *	25.6	53	0	232 *	196 *	87						
90-DAY HYBRID TRIAL AVERAGE##						25.7										
Dairyland	Stealth 7191	GJ	183 *	111 *	25.7	53	0	235 *	205 *	109 *	146 *	103 *	128	169	142 *	165 *
Dyna Gro	53P30	GJ	165 *	101 *	26.5	53	0	234 *	196 *	64						
Garst	8922YG1	G	175 *	105 *	26.6	53	0	242 *	208 *	76	145	101	143 *	161	130	160 *
Johnson Seeds	2291RR	J	170 *	102 *	26.8	52	0	232 *	208 *	70						
Kaltenberg	K3914BT	G	165 *	102 *	27.4	52	0	204	210 *	80						
Renk	RK438YGCB	G	166 *	102 *	27.5	52	0	214	206 *	78	145	101	132	176 *	126	155 *
Johnson Seeds	3750		147	95	27.8	52	0	201	180	59						
MEAN			150	100	24.0	54	1	187	179	84	137	100	122	158	130	146
LSD(0.10)**			29	10	1.7	1	1	18	18	28	14	6	18	16	16	16

[†] Code = Trait(Gene): B=bmr(bm3); C=IMI(IT); D=LL(T25); F,G,K,L=Bt-ECB(Bt176, Mon810, Bt11, TC1507); H,J=RR(MonGA21, Nk603); M=Leafy; N=Bt-CRW(Mon863); X=Unknown.

P.I. = Performance Index, evaluates hybrids by combining yield, moisture, and lodged % at a 50(yield) : 35(moisture) : 15(lodged) ratio.

Average grain moisture of all hybrids in this trial as rated by the Minnesota Relative Maturity Rating System. 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.