

Table 17. 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 [†]	2006									2005				6 Trial	
			AVERAGE						RHI	SPI	SPS	AVERAGE		RHI	SPI	SPS	AVERAGE
			Yield bu/A	P.I. #	Moist %	Test Wt.	Lodged %	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A
Dekalb	DKC33-72(RR2)	J	94	92	20.3	54	1	151	105	26							
Dyna Gro	50K07	J	81	82	20.6	55	2	135	96	11							
Renk	RK244		101	97	22.0	52	1	138	132 *	33							
NK Brand	N21-L4		92	91	22.1	52	2	115	136 *	23							
NK Brand	N20-R7	KD	142 *	117 *	22.2	53	0	202	174 *	51							
Brown	1990		104	97	22.2	52	2	152	128	32							
Kaltenberg	K2801RR	J	102	93	22.4	51	0	166	116	23							
NK Brand	N16-M1	KD	126 *	107 *	22.5	52	0	206	130 *	42	160 *	103 *	221	175	83	143 *	
NK Brand	N23-F7	KD	148 *	119 *	22.5	52	0	222 *	170 *	52							
NK Brand	N17-R3	KD	125 *	107 *	22.6	54	0	187	146 *	41	141	98	187	154	81	133	
NK Brand	N22-C2	KDH	133 *	112 *	22.6	53	0	202	147 *	48							
Dyna Gro	51P33	GJ	101	94	22.7	52	0	184	86	32							
Brunner	S3792RRBt	GH	124 *	102	22.9	52	0	200	141 *	30	167 *	104 *	209	204 *	87	145 *	
Dekalb	DKC35-02(RR2YGCB)	GJ	110	96	23.1	51	0	189	114	28							
Renk	RK288YGCB	G	123 *	108 *	23.2	51	0	200	121	49	164 *	106 *	209	177	107 *	144 *	
Johnson Seeds	4990Bt	G	136 *	105 *	23.2	52	0	227 *	154 *	27							
85-DAY HYBRID TRIAL AVERAGE##					23.3												
Croplan Genetics	229RRBt	GJ	112	96	23.3	52	0	205	106	27							
Dairyland	Stealth 7685	GJ	103	96	23.3	51	0	195	75	37							
Mycogen	2J271	J	113	98	23.5	52	0	172	140 *	28							
Carharts Blue Top	CR6585RR	J	109	100	23.6	52	0	192	93	41							
Mycogen	2P174	GJ	120 *	101	23.7	51	0	190	140 *	29							
Garst	8980YG1	G	107	96	23.8	51	0	207	79	35							
Carharts Blue Top	CR840RB	GJ	124 *	107 *	23.8	52	0	194	132 *	45	146	97	196	170	71	135 *	
Dairyland	Stealth 7184	GJ	128 *	103	23.8	51	0	214 *	138 *	31							
Dairyland	Stealth 7191	GJ	115	103	23.9	51	0	192	110	42	183 *	111 *	235 *	205 *	109 *	149 *	
Kaltenberg	K2405RRBt	GJ	117	98	24.0	52	0	189	137 *	26							
Croplan Genetics	238TS	GNJ	103	96	24.0	52	0	193	77	38							
Mycogen	X25102	LD	128 *	107 *	24.0	53	0	208	138 *	39							
Brunner	S3403RRBt	GJ	107	97	24.1	51	0	186	100	34	156 *	104 *	199	167	101 *	131	

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Table 17 (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 [†]	2006									2005					6 Trial				
			AVERAGE						RHI	SPI	SPS	AVERAGE			RHI	SPI	SPS	AVERAGE			
			Yield bu/A	P.I. #	Moist %	Test Wt.	Lodged %	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A				
Kussmaul	SB2983RRYGPlus	GNJ	120 *	101	24.1	52	0	191	136 *	32	163 *	102 *	218	195 *	75	141 *					
Brunner	S2065RR	J	106	98	24.2	52	0	183	97	38											
Brown	2830		97	92	24.3	51	2	137	130 *	24											
NK Brand	N27-W8	KD	126 *	103	24.3	50	0	221 *	120	36											
Pioneer	39D82	G	114	101	24.3	51	0	183	121	37											
Dekalb	DKC40-08(RR2YGCB)	GJ	99	90	24.4	51	0	196	76	25											
Pioneer	38W22	L	137 *	111 *	24.4	53	0	206	166 *	40											
90-DAY HYBRID TRIAL AVERAGE##			24.4																		
Johnson Seeds	2194RRBt	GJ	120 *	103	24.5	51	0	212 *	107	40											
95-DAY HYBRID TRIAL AVERAGE##			24.5																		
Renk	RK438YGCB	G	128 *	107 *	24.5	50	0	206	137 *	41	166 *	102 *	214	206 *	78	147 *					
Dekalb	DKC33-11(RR2YGCB)	GJ	114	95	24.7	52	0	194	126	23											
Kaltenberg	K4666RR	J	108	104 *	24.7	50	0	178	94	53											
Pioneer	38K46		80	82	24.8	50	1	158	59	22											
Carharts Blue Top	CR1857RWP	GNJ	117	102	24.9	51	0	209 *	98	44											
Garst	8921YG1RR	GJ	109	94	25.0	50	0	207	92	29											
Brown	3000YGCB	G	107	97	25.2	50	0	204	79	39											
Dyna Gro	53P30	GJ	113	98	25.4	51	0	205	99	36											
Kaltenberg	K3914Bt	G	117	102	25.5	50	0	213 *	94	43											
Kussmaul	SB590RRYGPlus	GNJ	101	92	26.0	50	0	212 *	59	33											
Kaltenberg	K3535Bt	G	118	101	26.2	50	0	200	118	37	165 *	101 *	234 *	196 *	64	139 *					
Johnson Seeds	4855Hx	L	114	109 *	26.5	49	0	191	82	69 *											
MEAN			114	100	23.8	52	0	190	115	35											
LSD(0.10)**			28	15	1.8	1	1	18	44	14											

[†] Code = Trait(Gene): B=bmr(bm3); C=IMI(IT); D=LL(T25); F,G,K,L=Bt-ECB(Bt176, Mon810, Bt11, TC1507); H,J,Q=RR(MonGA21, Nk603, SytGA21); M=Leafy; N,P=Bt-CRW(Mon863, DAS591227); X=Unknown.

Average whole plant moisture of all hybrids in the 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.