

Table 12. 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 [†]	2007								2006			7 Trial				
			AVERAGE				RHI	SPD	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	P.I. #	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	
Dekalb	DKC33-72(RR2)	J	100	90	19.2	55	10	127	66	153	54	94	92	151	105	26	97	
NK Brand	N16-M1	KD	119	100	19.5	54	3	140	90 *	175	71	126 *	107 *	206	130 *	42	122	
Croplan Genetics	229RRBt	GJ	132 *	104 *	19.9	55	8	145 *	107 *	199	76 *	112	96	205	106	27	124	
Garst	8982RR	H	117	96	20.1	53	9	124	85	202	58							
Mycogen	2K154	LDJ	126	97	20.3	55	24	148 *	67	214 *	74							
Dekalb	DKC35-18(RR2)	J	105	92	20.3	54	15	111	74	169	68							
Renk	RK288YGCB	G	112	94	20.5	53	13	134	75	174	64	123 *	108 *	200	121	49	117	
Jung	4171RRYGCB	GJ	124	100	20.5	54	6	139	96 *	204	58							
Jung	4183RRYGCB	GJ	129 *	102 *	20.6	53	10	143 *	107 *	198	68							
Kaltenberg	K3038LLBt11	KD	142 *	109 *	20.7	52	4	161 *	90 *	223 *	95 *							
Kussmaul	KL-85	KD	130 *	105 *	20.7	52	2	139	104 *	201	77 *							
Crows	1505R	J	113	96	20.8	54	7	115	88 *	187	62							
Dyna Gro	51P33	GJ	123	102 *	20.8	53	5	124	96 *	183	88 *	101	94	184	86	32	113	
Johnson Seeds	4242RRBt	GJ	122	99	20.8	54	9	142	81	187	77 *							
Brunner	S4608(RRCRW)	QJ	127	104 *	20.8	52	4	132	84	197	96 *							
Midwest Genetics	68801R	J	111	95	20.9	53	5	112	74	191	66							
Dahlman	D4356	KDH	137 *	109 *	20.9	52	2	147 *	100 *	203	99 *							
NK Brand	N27-B5	KD	140 *	108 *	21.0	52	2	161 *	104 *	220 *	76 *							
Kaltenberg	K2405RRBt	GJ	121	98	21.1	53	8	136	94 *	194	60	117	98	189	137 *	26	119	
Dairyland	Stealth 7184	GJ	124	99	21.2	53	8	133	89 *	208 *	67	128 *	103	214 *	138 *	31	126 *	
85-DAY HYBRID TRIAL AVERAGE##					21.2													
Renk	RK264LLYGCB	KD	126	102 *	21.3	52	1	142	85	198	79 *							
Carharts Blue Top	CR840RR	J	115	95	21.4	53	15	131	94 *	181	55							
Carharts Blue Top	CR1889RW	NJ	122	99	21.4	52	6	131	91 *	198	68							
Legacy Seeds	L2020RRBt	GJ	118	98	21.4	53	9	142	87	177	68							
Croplan Genetics	238RRBt	GJ	109	92	21.5	53	7	134	65	186	52							
Dairyland	Stealth 7685	GJ	112	93	21.5	53	12	137	68	186	59	103	96	195	75	37	108	
Johnson Seeds	7986Bt	G	129 *	103 *	21.5	52	1	145 *	91 *	206	74							
Brunner	Exp83(RRBtCRW)	GQJ	124	101	21.5	53	10	143 *	90 *	182	82 *							
Kussmaul	SB2983RRYGPlus	GNJ	118	96	21.5	53	8	138	87	193	55	120 *	101	191	136 *	32	119	
Jung	4215RRYGCB	GJ	134 *	105 *	21.5	53	4	131	110 *	218 *	75							
NK Brand	N25-N4	KD	139 *	109 *	21.5	52	1	133	114 *	220 *	89 *							
Renk	RK268RRYGRW	NJ	129 *	103 *	21.5	52	6	142	108 *	201	67							
Johnson Seeds	4990Bt/LL	KD	127	101	21.5	52	1	140	91 *	208 *	68							
Mycogen	2J272	GJ	117	98	21.6	53	6	133	81	177	77 *							

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Table 12 (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 [†]	2007										2006			7 Trial	
			AVERAGE				RHI	SPD	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	P.I. #	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A
80-DAY HYBRID TRIAL AVERAGE##			21.6														
Dyna Gro	52P81	GJ	125	99	21.6	53	12	145 *	103 *	192	60						
Mycogen	2P174	GJ	122	99	21.7	53	6	142	80	190	76 *	120 *	101	190	140 *	29	121
Dahlman	D4462	KDH	133 *	102 *	21.9	52	3	155 *	95 *	224 *	58						
Pioneer	38M58	LDJ	126	102 *	21.9	53	6	154 *	103 *	175	72						
Jung	7306RRYGRW	NJ	113	96	21.9	52	8	118	86	180	68						
Dahlman	R4023	J	113	96	22.0	51	3	135	84	171	63						
NK Brand	N23-F7	KD	130 *	102 *	22.0	52	2	146 *	89 *	214 *	72	148 *	119 *	222 *	170 *	52	138 *
90-DAY HYBRID TRIAL AVERAGE##			22.3														
Dekalb	DKC38-92(RR2)	J	129 *	103 *	22.5	52	2	132	108 *	200	77 *						
Crows	1684T	GNJ	137 *	106 *	22.7	52	7	147 *	100 *	211 *	90 *						
Kaltenberg	K2562RR	J	117	98	22.9	51	2	130	85	181	74						
Pioneer	39D85	LDJ	124	99	23.1	53	6	151 *	100 *	190	56						
Dekalb	DKC40-08(RR2YGCB)	GJ	125	99	23.1	53	3	132	96 *	210 *	61	99	90	196	76	25	114
NK Brand	N22-C2	KDH	126	101	23.1	52	2	138	91 *	202	71	133 *	112 *	202	147 *	48	129 *
Pioneer	38N87	LDJ	128	99	23.2	51	4	160 *	81	213 *	59						
Johnson Seeds	4827Bt	G	115	95	23.2	54	9	134	81	181	65						
Johnson Seeds	7892Bt	KD	137 *	105 *	23.3	51	4	139	96 *	229 *	83 *						
Midwest Genetics	69203T	GNJ	125	96	23.6	51	15	138	98 *	208 *	53						
Mycogen	2D326	GNJ	142 *	108 *	23.6	52	4	149 *	112 *	223 *	86 *						
95-DAY HYBRID TRIAL AVERAGE##			23.8														
Renk	RK438YGCB	G	134 *	104 *	24.0	51	8	134	105 *	215 *	83 *	128 *	107 *	206	137 *	41	131 *
Carharts Blue Top	CR1857RB	GJ	127	101	24.6	51	5	131	95 *	199	83 *						
Johnson Seeds	4855Hx	LD	128	102 *	25.0	51	3	125	88 *	210 *	89 *	114	109 *	191	82	69 *	122
Renk	RK442LLYGCB	KD	121	95	26.0	50	1	135	81	218 *	51						
MEAN			124	100	21.7	52	6	138	91	197	71	114	100	190	115	35	120
LSD(0.10)**			13	7	1.4	1	8	18	26	22	23	28	15	18	44	14	13

[†] 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,P,Q,R=Bt-CRW(Mon863, DAS591227, Mon88017, MIR604); X=Unknown.

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.