Table 24. Northern Zone Silage Trial.

RHINELANDER = RHI, SPOONER-IRRIGATED = SPI, SPOONER-SILT LOAM = SPS

			2006													2005						6 Test
			AVERAGE										RHI	SPI	SPS	AVERAGE			RHI	SPI	SPS	Average
			Yield	MILK PER		Moist	CP	ADF	NDF	IVD	NDFD	Starch	Yield	Yield	Yield	Yield	MILK PER		Yield	Yield	Yield	Yield
BRAND	HYBRID	Genes†	T/A	TON	ACRE	%	%	%	%	%	%	%	T/A	T/A	T/A	T/A	TON	ACRE	T/A	T/A	T/A	T/A
Pioneer	38M59	G	5.9	3320 *	19500	60.8	8.8	20	44	82	60	30	8.6	6.8	2.2							
Dairyland	HiDF3087RR	J	6.0	3200	18800	62.4	8.6	21	46	81	58	27	8.2	7.0	2.7							
Pioneer	37A92	G	6.5	3260 *	20700 *	62.4	8.8	21	45	81	58	30	8.6	7.9 *	2.9 *	7.7 *	3060 *	23700 *	10.5 *	7.9	4.6 *	7.1 *
Renk	6-354LLYGCB	K	6.2	3310 *	20500 *	62.8	8.6	20	44	82	59	31	8.5	7.3	2.9 *							
95-DAY HYBRID TRIAL AVERAGE##						63.0																
Carharts Blue Top	CR6585RR	J	5.6	3330 *	18600	63.0	8.3	21	44	82	61	31	7.3	7.1	2.6							
Pioneer	37A93	GJ	6.3	3220	19800	63.0	8.6	22	46	81	58	30	8.3	7.6 *	2.9 *							
Pioneer	38H65	LJ	6.7 *	3320 *	21900 *	63.1	8.2	21	45	82	60	31	9.3 *	7.8 *	2.9 *							
Renk	RK452LLYGCB	K	6.4	3260 *	20600 *	63.2	8.7	22	47	82	61	29	8.9 *	7.7 *	2.7	7.6 *	3130 *	23600 *	10.0 *	7.9	4.8 *	7.0 *
NK Brand	N27-W8	KD	6.4	3270 *	20400 *	63.3	8.2	21	44	81	58	31	8.8 *	7.6 *	2.8 *							
Carharts Blue Top	CR840RB	GJ	5.7	3270 *	18300	63.4	9.0	20	44	81	58	30	7.7	6.6	2.7	6.8 *	3130 *	21300 *	8.9	7.2	4.2	6.2
Kaltenberg	K2801RR	J	5.3	3230 *	17200	63.6	8.5	21	45	81	58	29	6.9	7.0	2.2							
Dekalb	DKC40-08(RR2YGCB)	GJ	5.7	3210	18000	64.0	8.5	23	47	81	60	27	7.5	7.0	2.6							
Pioneer	38W22	L	6.2	3180	19400	64.3	8.5	23	48	80	59	26	8.5	7.3	2.7	7.5 *	3090 *	23400 *	10.3 *	8.0 *	4.2	6.8
90-DAY HYBRID TRIAL AVERAGE##						64.5																
Kaltenberg	K8099LFRR	J	7.1 *	3150	22300 *	64.9	8.1	24	48	81	61	24	9.8 *	8.3 *	3.2 *	7.5 *	2880	22300 *	9.6 *	8.6 *	4.3	7.3 *
100-DAY HYBRID TRIAL AVERAGE##						65.2																
NK Brand	N31-P2	D	5.8	3120	17700	65.3	8.2	25	51	80	61	21	7.7	6.6	3.0 *							
Renk	RK438RRYGCB	GJ	6.4	3260 *	20700 *	65.3	8.1	22	46	82	61	29	8.7 *	7.8 *	2.6							
Croplan Genetics	364CRWRR	NJ	6.1	3220	19100	65.4	7.8	23	48	81	60	28	8.0	7.4	2.7							
Brown	3000YGCB	G	6.2	3330 *	20500 *	65.6	7.9	22	46	82	62	30	8.2	7.6 *	3.0 *							
Carharts Blue Top	CR1857RWP	GNJ	6.3	3260 *	20300	66.8	8.1	23	47	81	60	29	8.1	7.8 *	3.0 *							
NK Brand	N33-H6		6.1	3040	18500	67.4	8.6	25	51	80	60	21	8.9 *	7.1	2.4	7.1 *	2850	20600 *	9.0	7.8	4.4	6.6
MEAN			6.1	3240	19600	64.0	8.4	22	46	81	60	28	8.3	7.4	2.7	7.0	3060	21600	8.7	7.9	4.4	6.8
LSD(0.10)**			0.5	100	1900	1.8	0.4	2	2	1	1	4	1.1	0.8	0.4	1.0	150	3700	1.0	0.7	0.6	0.4

† 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.