

**Table 17. Northern Zone Silage Trial.**

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

BRAND	HYBRID	Genes†	2005											2004					6 Test Average							
			AVERAGE											AVERAGE												
			Yield T/A	MILK PER TON ACRE		Moist %	CP %	ADF %	NDF %	IVD %	NDFD %	Starch %	RHI T/A	SPI T/A	SPS T/A	Yield T/A	MILK PER TON ACRE			RHI T/A	SPI T/A	SPS T/A	Yield T/A			
Renk	RK244LLYGCB	KD	7.1 *	3260	23100 *	56.7	7.8	22	45	80	56	30	8.9	7.6	4.7 *											
Pioneer	39D80	J	6.0	3180	19000	58.9	7.5	24	48	79	55	28	6.8	6.9	4.3											
Renk	RK452LLYGCB	KD	7.6 *	3320 *	25100 *	60.4	7.6	23	47	80	57	30	10.0 *	7.9	4.8 *	7.6	3310	25300	6.3	9.1 *	7.5 *	7.6 *				
Garst	8986YG1RR	GJ	6.8 *	3180	21800	60.5	8.1	23	47	79	55	26	8.9	7.3	4.2											
<b>85-DAY HYBRID TRIAL AVERAGE##</b>						61.0																				
Dairyland	HiDF3086		6.8 *	3260	22300 *	61.0	7.6	24	48	79	56	27	7.4	8.3 *	4.8 *	7.2	3450	24800	6.9 *	8.5	6.4	7.0				
Carharts Blue Top	CX585Bt	G	7.1 *	3380 *	24000 *	61.1	7.3	23	46	81	57	30	9.5 *	7.2	4.6 *	6.9	3520	24400	6.2	7.5	7.1	7.0				
Golden Harvest	H6395		6.9 *	3130	21700	61.3	7.5	25	50	78	56	25	7.9	7.7	5.0 *											
Renk	RK282		6.7 *	3170	21600	61.4	8.1	24	50	78	57	24	8.0	8.2 *	4.0	7.0	3340	23300	6.0	8.5	6.5	6.9				
Pioneer	38W22	LD	7.5 *	3310 *	25000 *	61.8	7.8	23	46	80	57	27	10.3 *	8.0 *	4.2	7.5	3360	25300	6.5	8.9	7.2	7.5 *				
Pioneer	38T41		6.5	3230	21300	62.5	8.2	23	48	79	56	25	7.1	8.2 *	4.3											
Golden Harvest	H6775Bt	G	6.9 *	3070	21700	62.5	8.2	25	50	78	55	23	9.2	8.0 *	3.7	7.9 *	3270	25800	6.9 *	10.1 *	6.7	7.4 *				
Pioneer	37A91		6.6	3320 *	22100 *	62.6	8.2	23	47	80	57	28	7.2	7.9	4.8 *	7.9 *	3450	27200 *	6.3	9.3 *	8.0 *	7.3 *				
<b>95-DAY HYBRID TRIAL AVERAGE##</b>						62.7																				
Carharts Blue Top	CR840RB	GJ	6.8 *	3330 *	22600 *	62.8	8.2	22	45	80	56	28	8.9	7.2	4.2											
Pioneer	37A92	G	7.7 *	3270	25300 *	63.1	7.8	23	47	79	56	27	10.5 *	7.9	4.6 *											
Pioneer	37R70	GJ	7.5 *	3240	24500 *	63.4	7.5	23	48	79	56	27	9.7 *	7.8	4.9 *	7.9 *	3380	26700 *	7.2 *	9.6 *	6.9	7.7 *				
Renk	RK488YGCB	G	7.6 *	3400 *	25900 *	63.7	7.2	23	47	80	58	30	9.8 *	8.3 *	4.6 *	7.8 *	3510	27500 *	7.1 *	9.2 *	7.2	7.7 *				
<b>90-DAY HYBRID TRIAL AVERAGE##</b>						63.7																				
Kaltenberg	K4666RR	J	6.7 *	3370 *	22600 *	63.9	7.3	23	47	80	58	28	6.9	8.5 *	4.5 *											
Dekalb	DKC39-47(RR)	J	6.1	3410 *	21000	64.3	7.6	22	46	81	58	28	6.7	7.6	4.2	6.9	3520	24300	6.2	7.9	6.6	6.5				
Carharts Blue Top	CX1857Bt	G	7.1 *	3430 *	24400 *	64.4	7.3	23	47	81	59	28	9.3	7.8	4.2											
Garst	8921YG1RR	GJ	7.6 *	3340 *	25900 *	65.1	7.4	24	48	80	59	26	10.2 *	8.2 *	4.5 *											
Kaltenberg	K8099LFRR	MJ	7.5 *	3160	24300 *	65.2	7.3	26	50	79	58	22	9.6 *	8.6 *	4.3											
NK Brand	N33-H6		7.1 *	3130	22500 *	66.3	7.9	26	52	78	58	20	9.0	7.8	4.4	8.2 *	3340	27400 *	7.3 *	9.4 *	7.9 *	7.6 *				
MEAN			7.0	3270	23100	62.4	7.7	24	48	79	57	27	8.7	7.9	4.4	7.4	3460	25500	6.4	8.6	7.1	7.3				
LSD(0.10)**			1.0	130	3900	2	0.3	2	2	1	1	4	1.0	0.7	0.6	0.7	90	2500	0.7	1.0	1.1	0.6				

† 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.

## 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.