

Table 19. Northern Zone Silage Trial.

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

BRAND	HYBRID	Genes [†]	2007										2006						6 Test Average					
			AVERAGE										AVERAGE											
			Yield T/A	MILK PER		Moist %	CP %	ADF %	NDF %	IVD %	NDFD %	Starch %	RHI Yield T/A	SPI Yield T/A	SPS Yield T/A	Yield T/A	MILK PER			RHI Yield T/A	SPI Yield T/A	SPS Yield T/A	Yield T/A	
Pioneer	39D85	LDJ	7.4 *	3200 *	23900 *	53.4	7.2	23	46	80	58	31	7.4 *	10.8	4.2									
Renk	RK264LLYGCB	KD	7.1 *	3220 *	23000 *	54.7	7.0	23	45	81	56	32	7.1	10.6	3.6									
Renk	RK268RRYGRW	NJ	6.8 *	3300 *	22400 *	55.3	7.3	21	44	82	58	33	6.5	10.3	3.5									
Dairyland	HiDF3085-6	J	6.6 *	3200 *	21200 *	55.7	7.5	22	45	80	56	31	7.2	9.2	3.3									
85-DAY HYBRID TRIAL AVERAGE##						55.9																		
Dekalb	DKC33-72(RR2)	J	6.4 *	3200 *	20300	56.0	7.8	22	46	80	57	29	6.6	9.2	3.4									
Pioneer	38N87	LDJ	6.5 *	3260 *	21300 *	57.0	7.1	22	45	81	58	31	7.0	9.2	3.4									
Pioneer	38K47	LDJ	6.7 *	3270 *	21800 *	57.5	7.0	23	45	81	59	31	7.2	9.5	3.3									
Dekalb	DKC40-08(RR2YGCB)	GJ	7.4 *	3200 *	23600 *	57.7	7.1	24	47	81	58	29	6.1	12.5 *	3.6	5.7	3210	18000	7.5	7.0	2.6	6.5 *		
Pioneer	38B87	LPDJ	7.2 *	3170 *	23000 *	58.5	7.5	23	47	80	57	29	7.2	10.5	3.9									
Pioneer	37A92	G	7.4 *	3160 *	23400 *	58.8	7.5	24	47	80	57	30	7.0	10.3	5.0 *	6.5	3260 *	20700 *	8.6	7.9 *	2.9 *	7.0 *		
Dairyland	Stealth 7789	G	7.3 *	3260 *	23600 *	58.8	7.2	22	44	81	58	33	8.0 *	9.4	4.5 *									
Dekalb	DKC38-92(RR2)	J	6.2	3150	19600	59.9	7.0	24	47	80	57	29	6.9	7.9	3.8									
90-DAY HYBRID TRIAL AVERAGE##						59.9																		
Dekalb	DKC49-35(RR2)	J	6.9 *	3240 *	22200 *	59.9	7.7	22	45	81	57	31	7.3 *	9.9	3.5									
Dekalb	DKC42-95(RR2YGCB)	GJ	7.0 *	3260 *	22800 *	60.0	7.0	23	45	81	58	32	6.8	9.9	4.3									
Dekalb	DKC43-31(RR2YGCB)	GJ	6.8 *	3300 *	22200 *	60.3	7.2	23	45	82	60	32	7.3 *	9.5	3.5									
NuTech	X88RRLFY	MJ	6.8 *	3070	20900 *	60.4	7.4	26	50	79	58	24	6.6	9.9	3.8									
95-DAY HYBRID TRIAL AVERAGE##						60.8																		
Dekalb	DKC41-57(VT3)	GQJ	6.6 *	3160 *	20900 *	61.0	7.2	24	47	80	57	28	6.2	9.8	3.7									
Renk	RK438YGCB	G	6.3	3240 *	20300	61.0	6.9	24	47	81	59	30	6.8	8.1	3.9									
Mycogen	TMF2L416	LJD	6.6 *	3100	20600 *	61.8	7.1	24	48	80	57	25	7.4 *	8.3	4.0									
NuTech	3P-191RRYGPL	GNJ	7.0 *	3240 *	22600 *	62.0	7.1	24	47	81	60	29	7.7 *	9.3	3.9									
Crows	1807VT3	GQJ	6.2	3250 *	20000	62.2	7.6	22	45	81	58	30	7.6 *	7.7	3.1									
Dekalb	DKC46-60(VT3)	GQJ	6.3	3260 *	20500 *	62.3	7.2	23	45	81	59	31	6.8	8.4	3.8									
Renk	RK442LLYGCB	KD	6.4 *	3160 *	20600 *	62.4	7.4	23	47	81	58	28	7.6 *	8.5	3.2									
100-DAY HYBRID TRIAL AVERAGE##						62.7																		
Midwest Genetics	70503S	GJ	6.3	3160 *	20200	62.7	6.9	24	48	81	60	25	7.9 *	7.4	3.8									
Midwest Genetics	69704VT3	GQJ	6.6 *	3180 *	21000 *	62.7	7.7	24	47	80	57	28	7.7 *	8.7	3.5									
Kaltenberg	K8099LFRR	MJ	6.9 *	3040	21300 *	62.8	7.2	26	49	80	59	23	7.3 *	9.6	3.7	7.1 *	3150	22300 *	9.8 *	8.3 *	3.2 *	7.0 *		
NK Brand	N33-J4	KD	6.5 *	3100	20700 *	63.0	7.4	24	48	80	58	27	6.8	9.8	2.9									
NK Brand	N33-H6	M	7.3 *	3030	22100 *	63.6	7.3	26	50	79	58	23	8.2 *	9.4	4.3	6.1	3040	18500	8.9 *	7.1	2.4	6.7 *		
Crows	2121S	GJ	6.3	3130	19800	64.2	7.3	25	49	81	60	25	7.6 *	7.5	3.8									
Kaltenberg	K4482RR	J	6.9 *	3050	21400 *	64.5	7.1	24	47	81	59	25	8.1 *	9.1	3.4									
Midwest Genetics	76483S	GJ	6.7 *	3020	20300	65.3	7.4	26	50	79	58	23	8.0 *	8.2	3.9									
Mycogen	F2F485	B	6.2	3230 *	20200	65.6	7.6	24	49	84	66	23	6.7	8.2	3.6									
Crows	4352S	GJ	6.1	3040	18600	65.6	7.6	26	51	79	59	22	6.9	8.1	3.3									
MEAN			6.7	3180	21400	60.5	7.3	24	47	81	58	28	7.2	9.2	3.7	6.1	3240	19600	8.3	7.4	2.7	6.8		
LSD(0.10)**			1.0	140	3500	3.3	0.5	2	3	1	2	4	0.9	1.7	0.7	0.5	100	1900	1.1	0.8	0.4	0.9		

[†] 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.