

Table 17. Northern Zone Silage Trial.

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

BRAND	HYBRID	Genes [†]	2003											2002					2 Year Average Yield T/A					
			AVERAGE											AVERAGE			RHI	SPI		SPS				
			Yield T/A	MILK PER		Moist %	Kernel							RHI Yield T/A	SPI Yield T/A	SPS Yield T/A	Yield T/A	Yield T/A		Yield T/A				
TON	ACRE	Milk %		CP %	ADF %		NDF %	IVD %	NDFD %	Starch %														
NK Brand	N17R3	KD	6.7	3340	22600	58.4	40	8.1	26	50	81	63	31	5.5	8.9	5.7	7.1	3610	25500	6.3	7.7	7.7	7.0	
Ragt Semences	MX027		7.1 *	3490	25100 *	60.3	40	7.3	27	51	82	66	30	5.8	9.6 *	6.0								
Golden Harvest	H6355		7.5 *	3490	26400 *	60.6	60	7.9	26	51	82	66	30	7.0 *	9.5 *	6.0	7.6	3620	27700	5.9	8.6 *	8.6 *	7.6 *	
Ragt Semences	MX128		7.8 *	3520	27700 *	60.8	50	7.5	27	51	83	66	31	6.4 *	10.4 *	6.5 *								
Dairyland	Stealth 1280		6.1	3410	21000	61.2	50	7.5	27	52	81	65	29	5.4	7.8	5.1	7.7	3570	27500	6.2	8.8 *	9.0 *	7.0	
85-DAY HYBRID TRIAL AVERAGE##						62.2																		
Dynagro	51N39		7.0 *	3330	23700	62.4	60	7.7	28	53	80	63	29	6.0 *	9.2	5.7								
Pioneer	38A25	G	7.6 *	3430	26400 *	62.6	60	7.3	28	53	82	65	29	6.0 *	10.4 *	6.5 *								
NK Brand	N2555BT	KD	7.3 *	3550	26100 *	62.7	50	7.6	25	48	83	65	33	6.7 *	7.8	7.4 *	8.1 *	3660 *	29700 *	7.8 *	7.5	9.4 *	7.8 *	
Carharts Blue Top	CR85RR	J	6.8	3400	23200	63.0	60	7.3	28	54	81	65	27	5.6	8.1	6.5 *								
NK Brand	N29A2	GD	6.6	3500	23100	63.1	60	7.7	27	53	82	67	28	5.4	8.3	5.9								
Carharts Blue Top	CR8500RB	GX	7.1 *	3400	24700 *	63.2	60	7.5	28	55	81	65	27	5.2	10.3 *	5.9	7.7	3690 *	28500	7.3	8.0 *	7.5	7.4 *	
Dairyland	Stealth 1287RR	J	6.9	3490	24100	63.2	50	7.6	26	52	82	65	31	5.9 *	9.3	5.5								
Pioneer	37F16	G	7.5 *	3410	26200 *	63.4	60	7.4	27	52	81	64	29	5.9 *	10.5 *	6.3								
90-DAY HYBRID TRIAL AVERAGE##						63.7																		
Pioneer	37D03		7.3 *	3480	25900 *	64.1	80	7.5	27	51	82	65	30	5.5	9.9 *	6.6 *	8.9 *	3690 *	32900 *	9.0 *	9.0 *	8.5	8.1 *	
Carharts Blue Top	CX8500A		6.9	3510	24400	64.4	70	8.1	27	52	82	66	29	5.4	9.7 *	5.5	8.0	3690 *	29600 *	7.6 *	8.1 *	8.6 *	7.5 *	
Renk	RK232YGCB	G	7.2 *	3460	25400 *	64.5	60	7.9	27	53	82	65	28	5.8	10.1 *	5.8								
Carharts Blue Top	CR1857RB	GX	7.3 *	3650 *	26700 *	64.7	70	7.4	26	50	84	68	31	5.7	9.7 *	6.4								
95-DAY HYBRID TRIAL AVERAGE##						64.9																		
Golden Harvest	H6675		6.8	3340	23200	65.2	60	7.7	29	55	80	63	26	5.3	9.8 *	5.4								
Hyland Seeds	HLS034		7.2 *	3410	24900 *	65.3	70	8.0	29	55	81	65	24	5.8	9.6 *	6.3								
Pioneer	37R71	G	7.3 *	3500	25900 *	65.4	60	7.5	27	52	82	65	29	5.6	9.6 *	6.8 *	8.3 *	3680 *	30500 *	8.0 *	8.0 *	8.7 *	7.8 *	
100-DAY HYBRID TRIAL AVERAGE##						65.9																		
Kaltenberg	K2727Bt	X	6.9	3550	24900 *	65.9	60	7.7	28	54	82	67	27	5.6	9.4	5.8	7.9	3710 *	29500	6.9	8.5 *	8.4	7.4 *	
Dairyland	Stealth 1297		7.6 *	3640 *	27800 *	66.2	60	7.9	26	50	83	67	29	6.3 *	10.9 *	5.7								
Renk	RK488YGCB	G	7.5 *	3590 *	27300 *	66.6	70	7.5	26	51	83	67	30	5.8	10.1 *	6.6 *								
Hyland Seeds	HLS041		6.9	3720 *	26000 *	67.0	80	7.8	26	51	84	69	28	6.0 *	9.1	5.7								
NK Brand	N33H6		7.7 *	3350	26100 *	67.8	80	7.7	29	54	80	63	24	5.9 *	10.9 *	6.1								
MEAN			7.1	3480	25200	63.7	60	7.6	27	52	82	65	29	5.8	9.6	6.1	7.8	3660	28700	7.0	8.3	8.3	7.5	
LSD(0.10)**			0.8	140	3100	2.5	10	0.4	2	2	2	2	3	1.1	1.4	0.9	0.8	90	3300	1.4	1.1	1.1	0.7	

[†] Code = Trait(Gene): B=bmr(bm3); C=IMI(IT); D=LL(T25); F,G,K,L=Bt-ECB(Bt176, Mon810, Bt11, Cry1F); H,J=RR(MonGA21, Nk603);

M=Leafy; N=Bt-CRW(Mon863); X=Unknown; respectively.

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.