

Table 12. Southern Zone - Late Maturity Silage Trial. (Page 1 of 2)

106 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (ARLINGTON = ARL, LANCASTER = LAN)

BRAND	HYBRID	Genes [†]	2004											2003					4 Test Average Yield T/A		
			AVERAGE											AVERAGE							
			Yield T/A	MILK PER TON ACRE		Moist %	Kernel Milk CP ADF NDF IVD NDFD Starch			ARL Yield T/A	LAN Yield T/A	Yield T/A	MILK PER TON ACRE		ARL Yield T/A	LAN Yield T/A					
Pioneer	34H32	G	9.7	3550	34500	60.4	50	7.3	22	45	83	62	35	9.2	10.2						
NK Brand	N48-V8	K	11.0 *	3420	37700 *	62.9	60	7.1	24	49	81	60	30	10.0 *	12.0 *						
Croplan Genetics	693Bt	KC	11.2 *	3410	38300 *	64.8	60	7.1	24	46	81	58	32	10.5 *	11.9 *						
Renk	RK699		8.8	3480	30500	64.9	50	7.4	24	48	81	61	33	8.5	9.0						
105-DAY HYBRID TRIAL AVERAGE##						65.0															
Growmark	FS6485YGCB	G	10.8 *	3430	37000 *	65.0	60	6.8	24	47	81	59	32	10.2 *	11.3 *						
Carharts Blue Top	CR1080RB	GH	10.3	3440	35400 *	65.0	50	7.3	23	47	81	59	33	10.4 *	10.1						
NK Brand	N65-Y3	K	9.9	3510	34600	65.0	50	7.0	23	46	82	60	33	9.7	10.0	9.6 *	3280	31400 *	9.7 *	9.4 *	9.7 *
Renk	RK789YGCB	G	10.1	3570	36100 *	65.1	60	7.3	22	44	82	60	35	9.6	10.6						
Garst	8535YG1	GC	9.2	3400	31300	65.1	50	6.8	25	47	80	58	33	9.2	9.2						
Dekalb	DKC5878(YGCB)	G	9.2	3590	33000	65.2	60	7.5	23	46	83	62	34	8.9	9.5						
Dairyland	Stealth 1606		8.7	3440	30000	65.5	60	6.9	24	47	81	59	33	8.8	8.7	8.2	3400	27900	8.8	7.7	8.5
Cornelius	C590YG	G	9.9	3470	34500	65.6	60	7.5	24	47	81	60	32	9.9 *	9.9	9.6 *	3380	32400 *	9.6 *	9.5 *	9.8 *
Garst	8530Bt	G	10.2	3470	35400 *	65.9	60	7.1	23	46	81	59	34	9.3	11.0	9.4 *	3360	32700 *	9.6 *	9.2 *	9.8 *
Pioneer	34N42	LD	10.2	3580	36500 *	65.9	70	7.5	24	47	82	62	33	9.5	10.8						
Golden Harvest	H9006Bt	G	10.1	3500	35300 *	66.6	60	6.9	23	46	81	60	35	10.2 *	9.9						
Dairyland	Stealth 1507Bt	G	9.7	3520	34300	66.6	70	7.5	24	48	81	61	32	10.3 *	9.2						
Growmark	FS6312ND		8.9	3490	30900	66.8	60	7.9	23	46	81	59	33	8.9	8.8						
Pioneer	34M93	LD	10.2	3580	36400 *	66.8	70	7.6	23	47	82	62	33	9.9 *	10.4	9.4 *	3450	32400 *	9.9 *	8.9 *	9.8 *
110-DAY HYBRID TRIAL AVERAGE##						66.8															
Cornelius	C676YG	G	9.9	3460	34300	67.0	60	7.5	24	48	81	60	31	9.3	10.4						
Vigoro	V5240		11.0 *	3460	38100 *	67.1	70	7.2	25	50	81	61	27	11.0 *	10.9						
Cornelius	C635YG	G	9.5	3500	33400	67.1	60	7.1	23	47	81	60	34	9.3	9.8						
Kaltenberg	K8112LF	M	10.4 *	3320	34400	67.1	70	7.4	26	50	79	59	26	10.1 *	10.6	8.8	3380	29700	9.3 *	8.3	9.6 *
Renk	RK877YGCB	G	9.8	3530	34700 *	67.4	60	7.4	23	46	82	61	34	9.2	10.5						

CONTINUED.

Table 12 (continued). Southern Zone - Late Maturity Silage Trial. (Page 2 of 2)

106 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (ARLINGTON = ARL, LANCASTER = LAN)

BRAND	HYBRID	Genes [†]	2004											2003			4 Test Average						
			AVERAGE											AVERAGE									
			Yield T/A	MILK PER TON ACRE		Kernel									Yield T/A	Yield T/A		Yield T/A	Yield T/A				
OBrien	OB1113Bt	G	10.3	3480	35800 *	67.7	60	7.2	23	46	81	59	34	9.8	10.7	9.8 *	3480	34200 *	10.3 *	9.4 *	10.0 *		
LG Seeds	LG2633Bt	G	10.1	3470	35200 *	68.0	70	7.4	24	47	81	60	32	10.0 *	10.3								
High Cycle	HC8B524YGCB	G	10.4 *	3450	35700 *	68.2	70	7.1	24	47	81	59	32	10.0 *	10.7								
Croplan Genetics	683Bt	G	9.6	3540	34000	68.4	70	8.0	23	47	82	61	31	9.5	9.6								
Univ Wisconsin	EX01		10.8 *	3540	38300 *	68.5	70	7.3	24	48	82	62	30	10.5 *	11.1 *								
Univ Wisconsin	EX02		10.1	3400	34400	68.6	70	7.9	25	50	80	60	27	10.0 *	10.2	9.0 *	3320	30000	9.5 *	8.5	9.7 *		
Spangler	7558G	G	10.4 *	3440	35800 *	68.6	60	7.1	24	47	81	59	32	9.9 *	10.9								
Cornelius	C707RRYG	GJ	10.4 *	3480	36000 *	69.0	60	7.1	24	48	81	60	32	10.2 *	10.5								
High Cycle	HC7748YGCB	G	10.3	3400	35200 *	69.5	60	7.1	25	49	80	59	31	9.6	11.0								
Trelay	9932		9.3	3380	31500	69.6	70	7.5	25	49	80	59	31	8.7	9.9								
115-DAY HYBRID TRIAL AVERAGE##						69.8																	
Pioneer	33R78	G	10.3	3440	35400 *	70.2	80	7.8	26	50	81	61	29	10.6 *	10.0	8.4	3890 *	32700 *	8.7	8.1	8.3		
Nk Brand	N75-K6		9.7	3450	33500	70.4	70	7.2	26	51	80	62	26	9.2	10.2								
Croplan Genetics	691BtLL	KD	9.7	3400	33000	70.4	60	7.5	25	48	80	59	31	9.6	9.8								
Pioneer	32R43	G	10.3	3500	35900 *	70.6	80	7.5	24	48	81	61	28	10.1 *	10.4								
High Cycle	HC8B280YGCB	G	10.0	3430	34400	71.0	70	7.5	25	49	80	60	30	10.7 *	9.4								
Mycogen	F697	B	8.2	3780 *	30900	71.1	50	8.2	24	50	84	68	28	8.1	8.2								
Golden Harvest	H9166		9.8	3380	33300	71.8	70	7.5	26	50	80	59	28	9.4	10.3								
Brown	X48RR2	J	7.6	2960	22600	72.1	70	8.7	32	60	74	57	18	7.8	7.4								
Mycogen	F2F797	B	8.7	3690 *	31900	72.9	70	7.7	26	54	83	69	20	8.5	8.9								
MEAN			9.9	3470	34300	67.5	60	7.4	24	48	81	60	31	9.6	10.1	8.8	3400	30100	9.1	8.6	9.5		
LSD(0.10)**			0.8	100	3600	2.3	10	0.4	2	3	1	1	3	1.1	0.9	0.8	150	3200	1.2	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; 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.