

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†	2005										2004					4 Test Average								
			AVERAGE										AVERAGE													
			Yield T/A	MILK PER TON ACRE		Moist %	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	Yield T/A					
Pioneer	34A86		9.7	3340	32400 *	56.4	7.1	21	43	81	56	36	9.8 *	9.5	10.1	3570	36100 *	9.6	10.6	9.3						
Renk	RK789YGCB	G	8.4	3270	27600	56.9	6.7	21	42	80	53	38	7.6	9.3												
Croplan Genetics	693Hx	LD	8.6	3320	28700	57.0	6.8	21	43	81	55	37	8.4	8.9												
LG Seeds	LG2553		9.1	3180	29000	57.1	6.6	23	45	79	53	35	8.9	9.3												
Cornelius	C592RRYG	GJ	9.1	3260	29500	57.2	7.0	22	43	80	54	36	8.4	9.7												
Vigoro	V51P42	GN	9.0	3270	29300	58.1	7.2	21	42	80	52	36	8.3	9.6												
PEG	3511		9.1	3280	29900	58.8	6.3	22	43	80	53	36	8.3	9.9												
Dairyland	HiDF3007		9.7	3180	30900	59.3	6.9	23	46	79	55	31	9.6 *	9.8												
Kaltenberg	K8110LF	M	9.7	3230	31100	59.5	7.2	23	46	79	55	31	8.6	10.7 *												
OBrien	OB1113Bt	G	9.7	3300	32200 *	59.8	6.6	22	43	80	54	35	9.3 *	10.2 *							10.3	3480	35800 *	9.8	10.7	10.0 *
NK Brand	N49-E3		8.9	3300	29500	60.0	7.4	23	45	80	56	32	8.8	9.0	9.9	3470	34500	9.9 *	9.9	9.6 *						
Carharts Blue Top	CX1111Bt	G	9.6	3180	30400	60.3	7.0	22	43	79	52	35	8.9	10.3 *												
High Cycle	7B716	G	9.4	3350	31400	60.4	6.8	21	42	81	54	35	8.3	10.5 *												
Lemke	7068Bt	G	10.1 *	3330	33600 *	60.5	6.6	21	42	81	54	35	9.5 *	10.7 *												
Cornelius	C590YG	G	9.3	3200	29900	60.6	7.3	23	45	79	54	32	8.8	9.9												
Dairyland	Stealth 5007	G	9.1	3200	29000	60.8	6.9	24	46	79	54	32	8.6	9.5												
Heartland Hybrids	TH310		9.2	3300	30200	61.0	6.5	22	44	80	55	33	8.8	9.5												
Pioneer	34A16	LD	9.6	3360	32500 *	61.0	6.9	22	44	81	56	34	9.3 *	10.0 *												
Vigoro	V5240		9.7	3210	31000	61.1	6.6	24	47	79	54	30	9.6 *	9.7							11.0 *	3460	38100 *	11.0 *	10.9	10.3 *
110-DAY HYBRID TRIAL AVERAGE##						61.1																				
LG Seeds	LG2545		9.5	3300	31400	61.2	6.8	22	43	80	54	36	9.3 *	9.8	10.4 *	3440	35800 *	9.9 *	10.9	10.0 *						
Spangler	7558G	G	9.6	3280	31600 *	61.3	6.4	22	44	80	54	34	8.5	10.8 *												
Univ Wisconsin	EX01		8.9	3290	29400	61.3	7.0	23	45	79	55	32	8.4	9.5							10.8 *	3540	38300 *	10.5 *	11.1 *	9.9 *
Pioneer	33D63		9.3	3350	31300	61.5	7.5	23	44	80	56	32	8.6	10.1 *												
Croplan Genetics	691BtLL	KD	10.6 *	3330	35100 *	61.6	6.5	22	43	80	54	35	10.4 *	10.7 *							9.7	3400	33000	9.6	9.8	10.1 *

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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 [†]	2005										2004					4 Test Average		
			AVERAGE										AVERAGE							
			Yield T/A	MILK PER TON ACRE		Moist %	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	33N29		9.5	3360	31800 *	61.8	7.0	22	42	81	54	35	9.4 *	9.5						
Dairyland	Stealth 1611		9.3	3290	30700	61.9	6.8	22	43	80	53	35	9.0 *	9.6						
Univ Wisconsin	EX10		8.4	3420 *	28900	62.1	7.0	23	45	81	58	30	8.2	8.7						
Dekalb	DKC63-62(RR2)	J	9.9 *	3310	32800 *	62.1	7.3	22	44	80	55	34	9.8 *	10.0 *						
High Cycle	8B524	G	9.6	3120	30200	62.2	6.7	25	48	77	53	30	10.5 *	8.8	10.4 *	3450	35700 *	10.0 *	10.7	10.0 *
Renk	RK854		10.0 *	3220	32200 *	62.2	7.3	22	43	79	52	33	9.8 *	10.2 *						
High Cycle	7748Bt	G	9.4	3220	30500	62.3	6.8	23	45	79	53	34	9.7 *	9.2	10.3	3400	35200 *	9.6	11.0	9.9 *
Legacy Seeds	L4987		9.0	3240	29000	62.4	7.8	25	48	79	56	27	8.7	9.3						
Mycogen	F697	B	8.3	3520 *	29400	62.4	7.8	22	45	82	60	30	8.8	7.9	8.2	3780 *	30900	8.1	8.2	8.3
Brown	7044		9.0	3260	29400	62.6	6.7	22	44	79	53	34	8.5	9.5						
Golden Harvest	H9006Bt	G	9.5	3270	30900	62.7	6.7	22	44	80	53	34	9.6 *	9.3	10.1	3500	35300 *	10.2 *	9.9	9.8 *
Midwest	G7979		9.5	3260	31100	62.7	7.0	23	45	79	54	31	9.4 *	9.6						
Cornelius	C584		9.5	3240	30600	62.8	7.5	23	46	79	54	32	9.3 *	9.6						
Kaltenberg	K8112LF	M	10.1 *	3230	32400 *	63.1	7.3	24	47	78	54	28	9.4 *	10.7 *	10.4 *	3320	34400	10.1 *	10.6	10.2 *
Golden Harvest	H9166		9.6	3230	31100	63.4	6.7	25	48	78	55	30	9.3 *	9.8	9.8	3380	33300	9.4	10.3	9.7 *
LG Seeds	LG2633Bt	G	9.5	3210	30300	63.5	7.2	24	46	78	53	30	9.0 *	9.9	10.1	3470	35200 *	10.0 *	10.3	9.8 *
Dekalb	DKC61-45(RR2YGCB)	GJ	10.0 *	3320	33300 *	63.7	7.2	22	44	80	54	33	9.0 *	11.0 *						
Renk	RK854YGCB	G	9.7	3210	31100	63.8	7.2	24	47	78	53	29	9.5 *	9.9						
High Cycle	8B280	G	9.4	3280	31000	64.4	7.2	24	47	79	55	29	9.1 *	9.8	10.0	3430	34400	10.7 *	9.4	9.7 *
Croplan Genetics	731HXLL	LD	9.4	3290	30900	64.7	7.0	23	46	79	55	30	9.1 *	9.7						
115-DAY HYBRID TRIAL AVERAGE##						64.7														
Mycogen	F2F797	B	6.2	3510 *	17100	70.3	8.0	26	51	82	65	19	6.1	6.4	8.7	3690 *	31900	8.5	8.9	7.5
MEAN			9.3	3280	30500	61.3	7.0	23	45	80	55	33	9.0	9.7	9.9	3470	34300	9.6	10.1	9.6
LSD(0.10)**			0.9	110	3600	3.1	0.4	2	3	1	2	4	1.6	1.1	0.8	100	3600	1.1	0.9	0.8

[†] 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.