

SILAGE TRIALS

Table 18. North Central Zone - Early Maturity Silage Trial.

99 day Relative Maturity or earlier based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Valders= VAL)

Brand	Hybrid	Traits†	2014										2013				
			Average						Yield (T/A)				Average			Yield (T/A)	
			Yield (T/A)	Milk per Ton	Acres	Moist %	NDF %	NDFD %	Starch %	CHP	MAR	VAL	Yield (T/A)	Milk per Ton	Acres	CHP	VAL
Masters Choice	MCT3221	RR	6.9	3380	23200	56.3	48	64	32	7.1	7.6	5.9	4.7	* 3400	15900	3.6	5.7
Renk	RK302GTCBLLRWBL	CB,LL,RR,RW	* 7.5	3370	* 25100	58.0	47	62	33	7.3	* 8.8	6.3	6.5	* 3360	* 22000	3.4	9.6
Masters Choice	MCT4211	RR	* 7.4	* 3440	* 25200	58.6	45	63	35	6.9	* 8.7	6.4	5.1	* 3430	17800	3.8	6.4
Legend Seeds	LNG9595	RR-lfy	* 8.0	3260	* 26000	58.8	50	62	27	7.0	* 8.6	* 8.4					
Mycogen	TMF2R196	RR	7.0	3420	* 24100	59.4	48	66	31	7.3	6.5	* 7.3					
Legend Seeds	LR9090-VIP3111	CB,LL,RR	* 7.2	3360	* 24200	59.8	48	63	31	7.0	7.1	* 7.3					
Legend Seeds	JSC30J495	None	* 7.3	* 3430	* 25000	59.9	46	64	33	7.2	* 8.6	6.1					
Masters Choice	MC480	None	* 7.2	3360	24000	60.2	49	64	30	7.0	7.6	6.8					
Miller	M27-30BRGV	CB,LL,RR,RW	6.7	3400	22800	60.8	46	62	33	7.1	7.2	6.0					
Dairyland	HiDF3290-9	CB,LL,RR,RW	6.8	3350	22800	60.8	49	64	31	6.9	8.4	5.2	6.3	3280	20700	3.5	9.1
Masters Choice	MCT4054	CB,LL,RR,RW	6.5	3420	22100	61.2	46	63	35	7.0	7.9	4.8					
Spectrum	4655	None	* 7.3	3400	* 24800	61.3	48	64	31	7.7	6.7	* 7.5					
InVision	FS 38SV4RIB	CB,RR,RW	6.3	3390	21500	61.4	48	64	31	6.2	6.8	5.9	5.5	3340	18400	3.3	7.7
Dairyland	HiDF3188RA	CB,LL,RR,RW	* 7.1	* 3460	* 24400	61.6	47	66	33	6.5	7.5	* 7.1					
90-DAY HYBRID TRIAL AVERAGE##						62.0											
NK Brand	SI3232-3110	CB,LL,RR	* 8.1	* 3430	* 27700	62.6	45	63	33	* 8.6	8.2	* 7.4					
Legend Seeds	JSC30J590	None	* 7.5	* 3530	* 26300	63.0	45	66	33	6.8	7.6	* 8.0					
Foundation Direct	HDS85	None	7.0	* 3450	24000	63.0	45	63	34	7.5	8.4	5.1	6.2	* 3440	21200	3.9	8.4
Golden Harvest	G92T43-5222	CB,LL,RR	* 7.1	3390	* 24200	63.7	46	63	33	6.4	8.0	* 7.0					
Miller	RX93-42	CB,RR	* 8.1	3410	* 27600	63.7	48	65	31	* 7.8	8.2	* 8.4					
InVision	FS 43SV4RIB	CB,RR,RW	6.9	3380	23200	63.8	49	65	31	6.8	7.6	6.2					
Legend Seeds	JSC40J592VT2PRIB	CB,RR	6.6	3380	22300	64.0	47	63	32	7.1	6.5	6.2					
Blue River Hybrids	33L90	None-lfy	* 7.8	3270	* 25600	64.0	51	62	27	* 8.6	6.5	* 8.3	* 7.6	3220	* 24700	* 4.3	* 11.0
Jung	4D331RIB	CB,RR	* 7.5	3410	* 25500	64.1	48	65	31	7.5	* 8.6	6.4					
Golden Harvest	SI3232-3110	CB,LL,RR	* 7.3	* 3430	* 24900	64.1	47	65	31	7.3	8.3	6.2					
Masters Choice	MCT4564	CB,LL,RR,RW	6.3	* 3430	21600	64.4	48	66	31	6.4	6.8	5.7					
LG Seeds	LG5415STX	CB,LL,RR,RW	6.7	3380	22700	64.7	49	64	31	6.8	6.6	6.8					
NK Brand	N29T-3220	CB,LL,RR	* 7.2	* 3430	* 24800	64.8	47	65	33	7.3	8.0	6.4					
Dekalb	DKC46-20RIB	CB,RR,RW	* 7.4	3400	* 25100	64.9	49	66	29	* 7.9	7.7	6.5					
Dairyland	HiDF3197-7	CB,LL,RR	* 7.6	* 3430	* 25800	65.2	49	66	31	* 8.3	7.7	6.6	* 7.4	3320	* 24200	* 4.0	* 10.7
Mycogen	T12302XR	RR	* 7.8	3270	* 25600	65.4	50	62	28	* 8.2	8.1	* 7.1					
95-DAY HYBRID TRIAL AVERAGE##						65.4											
Dekalb	DKC47-35RIB	CB,LL,RR,RW	* 7.1	3390	24000	65.7	49	66	30	6.8	7.4	* 7.0					
NuTech/G2 Genetics	5Y-196	CB,LL,RR,RW	* 7.5	3380	* 25400	65.8	47	63	32	7.6	7.3	* 7.6					
NuTech/G2 Genetics	5F-198	CB,LL,RR	* 7.5	3330	* 25200	65.9	49	64	31	* 8.3	7.8	6.6					
NK Brand	SG3482-3111	CB,LL,RR,RW	6.7	3400	22900	66.2	48	65	30	6.5	7.6	6.1					
Renk	RK493RRND	RR-ND	6.6	3350	22300	66.2	50	65	28	6.5	6.3	* 7.2					
LG Seeds	LG5460STX	CB,LL,RR,RW	6.4	3320	21000	66.4	51	65	28	6.7	6.6	5.7					
Jung	7V378RIB	CB,RR,RW	* 7.3	3350	* 24500	66.5	49	64	30	7.6	8.2	6.2					
Renk	RK565GTCBLLRWBL	CB,LL,RR,RW	* 8.0	3330	* 26700	66.8	50	64	28	7.5	* 8.9	* 7.7	* 6.8	3340	* 22700	3.8	* 9.7

CONTINUED.

SILAGE TRIALS

Table 18. (continued). North Central Zone - Early Maturity Silage Trial.

99 day Relative Maturity or earlier based on company rating (Chippewa Falls= CHP, Marshfield= MAR, Valders= VAL)

Brand	Hybrid	Traits†	2014										2013				
			Average				Yield (T/A)				Average			Yield (T/A)			
			Yield (T/A)	Milk per Ton	Acre	Moist %	NDF %	NDFD %	Starch %	CHP	MAR	VAL	Yield (T/A)	Milk per Ton	Acre	CHP	VAL
Mycogen	TMF2R447	CB,LL,RR,RW	7.0	3320	23400	66.8	51	65	28	7.2	7.8	6.2	* 7.1	3280	* 23300	3.4	* 10.9
Masters Choice	MCT4884	CB,LL,RR,RW	* 7.8	3320	* 25700	66.9	50	64	28	* 7.8	* 8.6	* 6.9					
Golden Harvest	SG3482-3111	CB,LL,RR,RW	7.0	3270	23100	67.0	52	64	26	6.3	7.3	* 7.5					
Mycogen	TMF2Q413	CB,LL,RR	* 7.7	3420	* 26200	67.1	49	66	31	* 8.0	8.3	6.6	* 7.4	3310	* 24700	* 4.2	* 10.7
100-DAY HYBRID TRIAL AVERAGE##						67.6											
LG Seeds	LG5470STXRIB	CB,LL,RR,RW	* 7.5	3350	* 25300	67.6	50	65	28	* 7.9	7.7	* 7.0	* 7.5	* 3350	* 25100	* 4.0	* 11.0
Wolf River Valley	3396FL	None-Ify	* 8.0	3160	* 25200	67.8	55	63	23	7.4	* 9.9	6.7					
InVision	FS 49TX1RIB	CB,LL,RR,RW	* 7.5	3340	* 24900	68.1	50	64	29	7.5	7.7	* 7.2					
Great Lakes	4879STXRIB	CB,LL,RR,RW	6.8	3370	23000	68.1	50	66	27	7.5	6.3	6.5	* 7.1	3310	* 23400	3.8	* 10.4
NuTech/G2 Genetics	5F-399	CB,LL,RR	7.0	3250	22700	68.4	53	64	27	7.3	6.8	6.7					
Mycogen	X12421S2	CB,LL,RR,RW	* 7.7	3290	* 25300	69.9	52	64	25	* 8.1	7.8	* 7.2					
NuTech	3A-496	RR-Ify	* 7.4	3200	23700	70.0	55	64	22	* 8.4	7.1	6.7					
Renk	RK523GTCBLLRWND	CB,LL,RR,RW-ND	* 7.2	3270	23500	70.7	51	63	27	* 8.2	5.8	* 7.4					
Jung	HDS75V25RIB	CB,RR,RW	* 7.3	3260	23800	70.9	53	64	23	* 7.9	* 8.5	5.6					
MEAN			7.2	3360	24300	64.4	49	64	30	7.3	7.7	6.7	6.5	3330	21500	3.7	9.2
LSD(0.10)**			1.0	100	3600	3.4	3	2	3	0.9	1.4	1.5	1.2	90	3900	0.6	2.1

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, Ify = Leafy, ND = Nutri-Dense, wo = Water Optimize.

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.