

SILAGE TRIALS

Table 20. Northern Zone Silage Trial.

(Coleman= COL, Marshfield= MAR Spooner irrigated sand= SPI, Spooner dryland silt loam= SPS)

Brand	Hybrid	Traits†	2014											2013									
			Yield (T/A)	Milk per		Moist %	NDF %	NDFD %	Starch %	Yield (T/A)				Yield (T/A)	Milk per		Yield (T/A)						
				Ton	Acre					COL	MAR	SPI	SPS		Ton	Acre	COL	SPI	SPS				
NK Brand	N19L-3110A	CB,LL,RR-wo	* 7.5	* 3280	24700	61.7	49	63	29	6.7	7.2	7.2	* 8.9	7.2	* 3420	24500	8.2	8.1	* 5.2				
85-DAY HYBRID TRIAL AVERAGE##						62.4																	
Golden Harvest	G85L42-3110	CB,LL,RR	* 7.6	* 3300	* 24900	62.7	49	63	30	6.4	7.1	* 7.9	* 8.8	8.4	* 3400	28700	* 10.3	9.4	* 5.6				
Pilgrim	8301-3000GT	CB,LL,RR,RW	7.0	* 3230	22600	62.8	50	62	29	6.6	7.0	7.3	7.1										
Renk	RK231GT	RR	* 7.7	3180	24500	63.3	51	61	28	6.2	* 8.6	7.0	* 8.9										
Golden Harvest	SH2642-3111	CB,LL,RR,RW	* 7.8	* 3320	* 25800	63.8	48	63	30	* 7.1	8.1	6.9	* 8.8	8.3	* 3370	28000	9.2	10.2	* 5.5				
NK Brand	SH2642-3111	CB,LL,RR,RW	* 7.9	* 3250	* 25900	64.4	51	63	28	* 7.2	* 9.0	6.4	* 9.2										
DuPont Pioneer	P0062AMX	CB,LL,RR,RW-wo	* 8.1	* 3260	* 26400	64.5	50	62	30	* 7.5	8.4	* 7.5	* 8.9										
Renk	RK302GTCBLLRWBL	CB,LL,RR,RW	* 7.6	3170	24200	65.1	50	61	28	* 7.5	8.0	6.7	8.1	8.0	3340	26800	9.3	9.4	* 5.4				
Spectrum	4655	None	* 7.9	* 3260	* 25800	65.3	51	63	28	6.8	8.4	* 7.7	* 8.7										
Legend Seeds	LNG9595	RR-Ify	* 7.8	3190	24700	65.4	51	61	27	* 7.4	* 8.6	6.7	8.4										
NuTech	5B-290	CB,LL,RR	* 7.9	* 3240	* 25600	65.8	50	61	29	6.4	* 8.7	* 7.4	* 9.0	8.0	3350	27100	8.6	9.7	* 5.7				
Dairyland	HIDF3290-9	CB,LL,RR,RW	* 8.1	* 3310	* 26900	65.8	47	62	31	* 7.0	8.3	* 7.9	* 9.2										
Legacy Seeds	L3043(RIB)	CB,RR	* 7.7	* 3230	* 24800	65.9	51	63	27	6.4	8.4	* 8.4	7.4										
Spectrum	4130	None	7.3	* 3240	23700	66.0	50	61	29	5.8	6.6	* 7.4	* 9.4	8.0	3340	26800	9.3	9.4	* 5.4				
Dairyland	HIDF3188RA	CB,LL,RR,RW	* 7.8	* 3270	* 25800	66.1	51	64	28	6.4	8.3	7.0	* 9.6										
90-DAY HYBRID TRIAL AVERAGE##						66.2																	
Legend Seeds	JSC30J495	None	7.4	* 3230	24100	66.4	50	62	28	6.5	8.2	6.3	* 8.7	8.3	3330	27900	9.0	10.3	* 5.6				
Channel	194-63STXRIB	CB,LL,RR,RW	* 7.8	* 3280	* 25700	66.4	50	63	29	* 7.5	8.3	6.9	* 8.5										
PIP	3190(VIP3111)	CB,LL,RR,RW	* 7.9	3210	* 25500	66.4	51	62	28	6.8	* 8.7	7.2	* 9.1										
Federal Hybrids	4030GTCBLL	CB,LL,RR	* 8.1	* 3290	* 26700	66.5	49	63	29	* 7.2	* 9.1	7.1	* 9.0	8.3	3330	27900	9.0	10.3	* 5.6				
Brunner	3915	None	* 7.7	* 3290	* 25300	66.5	48	61	31	6.6	* 8.9	7.0	8.3										
Jung	4D331RIB	CB,RR	* 8.1	* 3270	* 26700	66.5	50	63	29	* 7.9	8.0	* 7.6	* 8.9										
Legend Seeds	LR9090-VIP3111	CB,LL,RR	* 7.6	3220	24500	66.6	50	61	29	* 6.9	7.6	7.3	8.4	8.0	3340	26800	9.3	9.4	* 5.4				
Legend Seeds	JSC40J592VT2PRIB	CB,RR	* 7.8	3170	24600	66.6	53	62	26	* 7.1	8.4	6.8	* 8.7										
Jung	7V378RIB	CB,RR,RW	* 8.0	3220	* 25700	66.7	51	62	28	* 7.3	* 8.7	6.7	* 9.3										
Renk	RK299VT2P	CB,RR	* 7.7	3220	* 24800	67.3	51	62	27	6.0	8.1	7.3	* 9.3	8.0	3340	26800	9.3	9.4	* 5.4				
95-DAY HYBRID TRIAL AVERAGE##						67.5																	
Dekalb	DKC44-13RIB	CB,LL,RR,RW	* 7.8	* 3280	* 25700	67.6	50	63	28	* 6.9	* 9.0	6.8	* 8.6										
Dairyland	HIDF3197-7	CB,LL,RR	* 8.1	* 3270	* 26500	67.9	52	65	26	* 7.4	* 8.8	7.2	* 8.9	8.5	3340	28500	9.5	9.9	* 6.1				
Legend Seeds	JSC30J590	None	* 8.0	* 3300	* 26500	68.0	50	64	29	* 7.3	8.2	* 7.6	* 9.0										
Wolf River Valley	3396FL	None-Ify	* 8.1	3120	* 25300	68.0	54	61	24	* 7.0	* 9.2	7.3	* 9.1										
Dahlman	R46-27VT2PRIB	CB,RR	* 8.0	3180	* 25500	68.0	52	62	27	* 7.1	8.0	* 7.5	* 9.3	8.5	3340	28500	9.5	9.9	* 6.1				
Channel	197-68STXRIB	CB,LL,RR,RW	* 7.9	* 3230	* 25400	68.5	52	64	26	* 6.9	* 9.1	6.8	* 8.6										
Channel	197-33STXRIB	CB,LL,RR,RW	* 7.6	3200	24200	68.9	53	63	26	* 6.9	7.6	7.3	* 8.5										
Jung	HDS75V25RIB	CB,RR,RW	* 7.6	3120	24000	69.0	54	62	24	5.8	8.2	7.3	* 9.3	8.5	* 3370	28800	* 10.3	10.4	* 5.0				
Dekalb	DKC43-10RIB	CB,RR	* 7.8	3220	* 25100	69.5	52	63	26	* 7.1	8.2	7.2	* 8.6										
MEAN			7.8	3240	25200	66.2	51	62	28	6.9	8.3	7.2	8.8										
LSD(0.10)**			0.6	90	2100	3.2	2	2	3	1.0	0.8	1.0	1.1	0.8	60	3000	1.6	1.5	1.4				

† 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.