Table 20. Northern Zone Silage Trial.

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

			2015											2014						
			Average											Average						
			Yield	Milk per		Moist	NDF	NDFD	Starch	Yield (T/A)				Yield	Milk per		Yield (T/A)			
Brand	Hybrid	Traits†	(T/A)	Ton	Acre	%	%	%	%	COL	MAR	SPI	SPS	(T/A)	Ton	Acre	COL	MAR	SPI	SPS
NK Brand	N29T-3111	CB,LL,RR,RW	* 8.1	* 3350	* 27000	59.2	47	62	35	6.6	* 6.8	* 9.4	* 9.4							
Dairyland	HiDF3188-6	RR	7.9	* 3400	* 26700	59.3	47	65	34	* 8.5	5.7	8.1	* 9.2							
Wolf River Valley	3685FL	None-lfy	7.8	3200	24900	60.4	52	62	27	6.5	* 7.4	* 8.7	* 8.6							
Jung	4D338RIB	CB,LL,RR,RW	7.8	3320	25800	60.4	50	64	31	7.6	5.7	* 8.8	* 8.9							
Pilgrim	9100-3111VIP	CB,LL,RR,RW	7.7	3270	25300	61.4	49	62	33	7.8	5.8	8.0	* 9.3							
Dekalb	DKC39-27RIB	CB,LL,RR,RW	7.9	* 3340	26200	61.4	49	64	32	7.8	6.3	* 8.6	* 8.7							
Golden Harvest	G92T43-3111	CB,LL,RR,RW	* 8.2	3220	* 26400	62.1	51	61	31	7.9	6.2	* 9.0	* 9.8							
Dairyland	HiDF3290-9	CB,LL,RR,RW	* 8.8	3260	* 28700	62.3	50	62	32	* 9.3	* 6.9	* 10.0	* 9.0	* 8.1	* 3310	* 26900	* 7.0	8.3	* 7.9	* 9.2
Spectrum	4216	None	7.7	3300	25300	62.9	51	64	30	7.9	* 7.0	7.4	8.5							
Legend Seeds	JSC30J590	None	7.8	* 3330	25900	63.2	49	64	32	* 9.3	4.9	8.4	8.5	* 8.0	* 3300	* 26500	* 7.3	8.2	* 7.6	* 9.0
90-DAY HYBRID TRIAL AVERAGE##						63.2														
NuTech/G2 Genetic	5N-290	CB,LL,RR,RW	7.7	3270	25100	63.5	49	62	32	7.9	* 6.8	7.5	8.5							
Wolf River Valley	3396FL	None-lfy	7.8	3170	24800	63.6	54	62	26	7.9	* 6.6	* 8.6	8.2	* 8.1	3120	* 25300	* 7.0	* 9.2	7.3	* 9.1
Federal Hybrids	4160VT2P	CB,RR	* 8.6	* 3350	* 28900	63.9	49	64	32	* 9.2	* 7.1	* 8.9	* 9.3							
Legend Seeds	JSC40J592VT2PRIB	CB,RR	* 8.1	3270	* 26500	64.2	50	63	31	7.7	* 6.6	8.0	* 10.2	* 7.8	3170	24600	* 7.1	8.4	6.8	* 8.7
Brunner	3920	None	* 8.0	3280	* 26300	64.3	51	64	30	8.3	* 6.5	* 8.6	8.5							
Federal Hybrids	4240VT2P	CB,RR	* 8.0	3320	* 26700	64.5	49	63	32	* 8.9	6.3	* 8.7	8.3							
InVision	FS 38TV1RIB	CB,RR	7.0	* 3330	23400	64.7	49	64	32	7.5	5.0	7.8	7.9							
Elk Mound Seeds	EMS9315	None	7.9	3260	25700	64.8	52	64	29	* 8.6	* 6.6	7.3	* 9.1							
Dekalb	DKC45-65RIB	CB,LL,RR,RW	7.7	* 3360	26000	64.8	48	64	32	8.4	* 6.8	7.8	8.0							
Dekalb	DKC44-13RIB	CB,LL,RR,RW	7.5	3320	24800	64.9	50	64	31	8.0	6.3	7.6	8.0	* 7.8	* 3280	* 25700	* 6.9	* 9.0	6.8	* 8.6
Jung	7S331RIB	CB,LL,RR,RW	7.5	* 3350	25200	65.0	50	65	32	8.3	5.6	7.8	8.3							
Federal Hybrids	4060VT2P	CB,RR	7.8	3220	25100	65.1	51	61	30	* 8.6	6.4	7.7	8.5							
Legacy Seeds	L3043(RIB)	CB,RR	7.8	3300	25700	65.2	50	64	31	8.4	* 6.9	7.8	8.1	* 7.7	* 3230	* 24800	6.4	8.4	* 8.4	7.4
Spectrum	4130	None	* 8.2	3250	* 26700	65.2	50	62	30	* 8.8	6.1	8.3	* 9.7	7.3	* 3240	23700	5.8	6.6	* 7.4	* 9.4
Dairyland	DS9693	CB,LL,RR,RW	* 8.0	3310	* 26300	65.4	50	64	30	7.8	* 6.7	8.4	* 8.9							
Golden Harvest	G95D32-3110	CB,LL,RR	7.7	3260	25000	65.8	50	61	30	7.7	6.2	* 8.8	7.9							
Legacy Seeds	L3115	CB,RR	7.9	3290	25900	65.8	50	63	31	8.0	* 6.6	7.5	* 9.5							
95-DAY HYBRID TRIAL AVERAGE##						66.2														
InVision	FS 42TV1RIB	CB,RR	7.7	3260	25100	66.4	50	63	30	7.9	5.3	8.3	* 9.5							
ProHarvest	931RR2ND	RR-ND	5.5	3290	18400	66.4	52	65	29	5.7	2.3	7.7	6.4							
Spectrum	5045	None	7.9	3190	25200	66.4	52	62	27	7.9	6.0	8.2	* 9.5							
NK Brand	N35T-3110	CB,LL,RR	7.6	3300	24900	66.5	49	63	31	* 8.6	* 6.7	* 8.6	6.3							
DuPont Pioneer	P9789AMXT	CB,LL,RR,RW	* 8.0	3250	25900	66.7	53	65	30	* 8.5	6.1	* 8.6	* 8.7							
Dairyland	HiDF3197-7	CB,LL,RR	* 8.5	3240	* 27700	66.7	53	64	29	7.7	* 7.5	* 9.2	* 9.8	* 8.1	* 3270	* 26500	* 7.4	* 8.8	7.2	* 8.9
Spectrum	4725	None	* 8.1	3240	26100	67.1	53	64	28	8.4	6.3	* 8.8	* 8.7							
100-DAY HYBRID TRIAL AVERAGE##						67.3														
Channel	194-14VT2PRIB	CB,RR	7.0	3260	22900	67.9	51	63	29	7.6	5.2	7.0	8.2							
DuPont Pioneer	P9807AM	CB,LL,RR	7.8	3250	25300	68.3	51	63	29	7.8	6.3	8.1	* 8.9							
Channel	197-68STXRIB	CB,LL,RR,RW	* 8.0	3190	25500	68.6	54	63	26	8.0	* 7.0	7.6	* 9.4	* 7.9	* 3230	* 25400	* 6.9	* 9.1	6.8	* 8.6
Channel	197-50STXRIB	CB,LL,RR,RW	6.6	3180	21100	69.9	53	62	27	7.1	4.7	6.1	* 8.7							
MEAN			7.8	3280	25500	64.6	50	63	30	8.0	6.2	8.2	8.7	7.8	3240	25200	6.9	8.3	7.2	8.8
LSD(0.10)**			0.8	70	2600	1.9	2	1	2	0.9	1.1	1.6	1.6	0.6	90	2100	1.0	0.8	1.0	1.1

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = 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.