

SILAGE TRIALS

Table 20. Northern Zone Silage Trial.

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

Brand	Hybrid	Traits†	2016								2015									
			Average				Yield (T/A)				Average				Yield (T/A)					
			Yield (T/A)	Milk per Ton	Milk per Acre	Moist %	NDF %	NDFD %	Starch %	COL	MAR	SPI	SPS	Yield (T/A)	Milk per Ton	Milk per Acre	COL	MAR	SPI	SPS
Foundation Direct	HDS84	None-ND	8.1	* 3560	28700	51.4	36	60	36	8.0	8.6	8.5	7.1							
Dairyland	HIDF3290-9	CB,LL,RR,RW	* 9.8	* 3480	* 34400	51.8	37	58	35	9.3	* 10.8	* 10.4	* 8.9	* 8.8	3260	* 28700	* 9.3	* 6.9	* 10.0	* 9.0
Legacy Seeds	L2735	CB,LL,RR,RW	8.9	* 3480	31200	52.1	37	59	35	8.7	9.5	9.4	8.2							
NK Brand	N18Q-3011A	CB,LL,RR,RW-wo	9.1	3420	31000	53.1	38	58	34	9.6	9.7	9.1	7.8							
85-DAY HYBRID TRIAL AVERAGE##							54.3													
Dairyland	HIDF3188RA	CB,LL,RR,RW	8.8	* 3500	30800	56.3	36	62	35	* 10.0	8.9	9.2	7.1							
Viking	O.42-92GS	None	9.3	* 3500	32400	56.3	36	60	35	9.3	9.5	* 10.0	8.2							
Federal Hybrids	4470VT2P	CB,RR	9.0	3400	30500	56.5	38	58	33	9.4	9.1	9.3	8.0							
Federal Hybrids	4160VT2PRIB	CB,RR	* 10.0	* 3450	* 34500	57.3	36	58	35	* 10.4	9.4	* 10.6	* 9.3							
90-DAY HYBRID TRIAL AVERAGE##							57.5													
Dekalb	DKC40-77RIB	CB,LL,RR,RW	8.5	* 3510	29800	57.8	35	58	36	8.7	9.0	9.0	7.3							
Legacy Seeds	L2924	CB,RR	9.7	3360	32600	58.1	37	58	33	* 10.9	9.6	9.5	* 8.6							
Channel	193-53STXRIB	CB,LL,RR,RW	9.5	* 3470	32800	58.3	37	60	34	* 10.5	9.7	9.1	8.5							
Legacy Seeds	L3335	CB,LL,RR-wo	* 9.9	3380	* 33400	58.8	37	57	34	* 10.1	10.3	* 10.1	* 9.0							
Great Lakes	3847VT2RIB	CB,RR	8.3	* 3460	28900	58.8	36	60	34	8.3	8.2	8.5	8.3							
NK Brand	N27P-3110A	CB,LL,RR-wo	* 10.0	* 3470	* 34600	58.9	35	59	35	* 10.0	10.0	* 10.3	* 9.6							
Federal Hybrids	4240VT2PRIB	CB,RR	9.0	3380	30500	59.6	37	58	33	9.7	9.2	8.7	8.5							
95-DAY HYBRID TRIAL AVERAGE##							59.7													
Great Lakes	4250STXRIB	CB,LL,RR,RW	9.0	* 3480	31500	59.9	36	61	35	9.8	9.6	8.8	8.0							
Dekalb	DKC45-65RIB	CB,LL,RR,RW	* 9.8	3430	* 33600	60.0	36	61	34	9.9	* 10.5	* 10.3	8.5	7.7	* 3360	26000	8.4	* 6.8	7.8	8.0
PIP	4595(GT)	RR	9.5	* 3550	* 33600	60.1	35	63	35	* 10.7	8.8	9.0	* 9.4							
Foundation Direct	2500	None	9.7	2990	29100	60.3	39	59	27	9.6	* 10.7	9.4	* 9.2							
Channel	194-14VT2PRIB	CB,RR	9.2	3410	31500	60.4	35	60	35	9.8	10.1	8.9	8.0	7.0	3260	22900	7.6	5.2	7.0	8.2
DuPont Pioneer	P9789AMXT	CB,LL,RR,RW	* 10.2	* 3490	* 35800	60.6	36	64	34	* 10.1	* 11.1	* 10.8	* 9.0	* 8.0	3250	25900	* 8.5	6.1	* 8.6	* 8.7
Dekalb	DKC45-07RIB	CB,LL,RR,RW	9.2	3440	31700	60.9	37	61	33	* 10.2	9.5	9.2	7.9							
Dairyland	HIDF3197RA	CB,LL,RR,RW	9.6	3330	32000	61.4	40	60	31	* 10.6	9.8	* 10.1	8.0							
Channel	198-98STXRIB	CB,LL,RR,RW	* 10.4	3320	* 34600	63.1	36	60	32	* 11.1	9.7	* 11.3	* 9.6							
MEAN			9.4	3430	32100	58.0	37	60	34	9.8	9.6	9.6	8.4	7.8	3280	25500	8.0	6.2	8.2	8.7
LSD(0.10)**			0.6	110	2600	2.6	2	2	2	1.1	0.8	1.4	1.0	0.8	70	2600	0.9	1.1	1.6	1.6

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, 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.