

# Table 14. Southern Zone - Early Maturity Silage Trial. (page 1 of 2)

110 day Relative Maturity or earlier based on company rating (Arlington= ARL, Montfort=MON)

Brand	Hybrid	Traits†	2018									2017							
			Average			Average				Yield (T/A)		Average			Yield (T/A)				
			Yield (T/A)	Milk per Ton	Milk per Acre	Moist %	NDF %	NDFD %	Starch %	ARL	MON	Yield (T/A)	Milk per Ton	Milk per Acre	ARL	MON			
Masters Choice	MCT4934 VIP3111	CB,LL,RR,RW	9.2	3270	30000	55.7	36	57	37	9.1	9.3								
Cornelius	C555-3010	CB,LL,RR	10.3	3320	34100	58.8	37	58	34	10.2	10.3								
NK Brand	NK0624-3220	CB,LL,RR	11.1	3370	37600	58.9	37	61	34	12.2	10.0								
LG Seeds	LG59C66VT2PRO	CB,RR	* 12.4	3220	39900	59.2	38	55	33	* 13.4	* 11.4								
Viking	51-04GS	None	* 11.5	3280	37800	60.2	38	59	33	12.1	10.9								
Prairie Hybrids	4718	None	* 11.6	* 3390	39300	60.4	36	59	35	12.2	10.9								
DuPont Pioneer	P0783XR	CB,LL,RR,RW-bmr	10.0	* 3410	34100	60.6	37	63	33	11.0	8.9								
AgriGold	A63894STX	CB,LL,RR,RW	10.5	3290	34600	61.0	37	58	33	11.0	10.0								
Masters Choice	MCT5454 VIP3111	CB,LL,RR,RW	10.8	3230	34800	61.4	39	54	33	11.3	10.3								
Viking	48-08GS	None	11.2	3310	37200	61.5	37	58	33	* 12.8	9.6								
AgriGold	A63940VT2RIB	CB,RR	11.3	3240	36700	61.8	39	58	31	11.8	10.9	10.9	3160	34400	* 12.1	9.7			
<b>105-DAY HYBRID TRIAL AVERAGE##</b>						<b>61.8</b>													
Latham	6045VT2PRO	CB,RR	11.4	3240	36800	61.8	39	56	32	11.8	10.9								
NK Brand	NK0440-3010	CB,LL,RR	* 12.6	* 3410	* 43000	62.2	37	59	34	* 13.1	* 12.0								
Prairie Hybrids	5200	None	* 12.1	3310	39900	63.3	38	58	32	* 12.4	* 11.7	* 12.2	3170	* 39000	* 13.1	* 11.4			
Jung	58SS529	CB,LL,RR,RW	10.6	3300	34800	63.3	39	59	31	11.5	9.6								
Cornelius	C564SS	CB,LL,RR,RW	11.0	3350	37100	63.7	38	58	33	11.9	10.2								
Legacy Seeds	L6937	CB,LL,RR,RW	10.7	3250	34800	63.7	40	58	30	11.3	10.1								
Legend Seeds	LR9809VT2PRIB	CB,RR	11.4	3290	37300	63.8	39	57	32	12.2	10.5	10.8	3140	33900	11.4	10.2			
Dekalb	DKC59-07RIB	CB,LL,RR,RW	10.5	3380	35600	64.1	37	59	33	11.6	9.5								
Dekalb	DKC60-87RIB	CB,LL,RR,RW	* 11.7	3290	38700	64.2	37	57	32	* 13.5	9.9	11.3	3170	35700	11.8	* 10.7			
Cornelius	C568	None	10.9	3280	36000	64.2	39	57	31	11.3	10.6								
<b>110-DAY HYBRID TRIAL AVERAGE##</b>						<b>64.5</b>													
Power Plus	4A67AMXT	CB,LL,RR,RW	* 11.9	3370	40100	64.6	37	58	33	* 12.7	* 11.0								
Viking	O.74-10GS	None	11.4	3380	38700	64.7	38	60	32	11.3	* 11.5	11.0	3180	35100	* 12.4	9.6			
Cornelius	C633DP	CB,RR	11.2	3350	37700	64.7	36	58	34	12.0	10.5	* 11.9	* 3350	* 39800	* 12.7	* 11.0			
Golden Harvest	G09Y24-3220A EZ1	CB,LL,RR-wo	10.9	* 3470	37900	64.8	37	62	33	9.9	* 12.0								
Dairyland	DS7909PE		* 12.5	3290	* 41100	64.8	37	58	32	* 12.8	* 12.1								
PIP	5708(3220EZ)	CB,LL,RR	* 11.6	3340	39100	65.1	38	58	32	* 12.4	10.9								
Masters Choice	MC5790	None	* 11.5	3240	37200	65.4	38	60	30	11.9	* 11.1								

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# Table 14 (continued). Southern Zone - Early Maturity Silage Trial. (page 2 of 2)

110 day Relative Maturity or earlier based on company rating (Arlington= ARL, Montfort=MON)

Brand	Hybrid	Traits†	2018								2017					
			Average			Moist	NDF	NDFD	Starch	Yield (T/A)		Average			Yield (T/A)	
			Yield (T/A)	Milk per Ton	Milk per Acre					ARL	MON	Yield (T/A)	Milk per Ton	Milk per Acre	ARL	MON
InVision	FS 60UX1	CB,LL,RR,RW	11.1	* 3410	37700	65.5	37	58	34	11.2	10.9					
AgriGold	A64077STXRIB	CB,LL,RR,RW	* 11.5	3330	38500	65.5	38	57	33	12.1	10.9					
Dairyland	HiDF3407RA	CB,LL,RR,RW	* 11.8	3210	37900	65.6	40	56	30	* 12.7	10.9	10.9	3010	32900	11.6	10.2
Dairyland	EXP-11016	CB,LL,RR	* 12.8	* 3530	* 45300	65.8	36	63	34	* 14.0	* 11.7					
LG Seeds	LG5548STXRIB	CB,LL,RR,RW	10.8	3350	36200	66.2	37	60	32	11.1	10.5	10.8	3200	34500	11.4	10.1
Dairyland	HiDF3808RA	CB,LL,RR,RW	* 12.5	3240	* 40500	66.3	40	57	29.8	* 13.0	* 12.0	11.1	2860	31800	11.8	10.3
Dairyland	RPM-4816AM	CB,LL,RR	* 11.6	* 3460	40200	66.3	37	61	32.9	12.1	* 11.0					
O'Brien Hybrids	OB1109	None	10.1	3250	33100	66.3	40	58	30.3	9.3	10.9					
NK Brand	NK1066-3122	CB,LL,RR,RW	* 12.4	3230	40000	66.5	40	56	30.3	* 13.0	* 11.8					
Channel	209-15STXRIB	CB,LL,RR,RW	10.8	3360	37000	67.2	40	60	30.0	11.1	10.5	10.7	* 3300	35200	10.6	* 10.7
Dairyland	HiDF3510SSX	CB,LL,RR,RW	* 12.0	3290	39600	68.3	41	58	29.8	* 12.4	* 11.7	* 11.6	2900	33600	* 12.1	* 11.0
Channel	210-98STXRIB	CB,LL,RR,RW	10.3	3030	31300	68.4	42	57	25.7	9.9	10.7					
Dairyland	DS9713RA	CB,LL,RR,RW	10.7	3250	34600	69.0	41	58	29.2	11.1	10.2	10.6	3160	33400	11.5	9.6
MEAN			11.3	3310	37400	63.8	38	58	32	11.8	10.7	10.7	3140	33700	11.6	9.8
LSD(0.10)**			1.3	140	4800	2.9	2	2	2	1.8	1.2	0.9	120	3600	1.1	1.2

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

# Table 15. Southern Zone - Late Maturity Silage Trial. (page 1 of 2)

111 day Relative Maturity or later based on company rating (Arlington= ARL, Montfort=MON)

Brand	Hybrid	Traits†	2018										2017				
			Average			Average				Yield (T/A)			Average			Yield (T/A)	
			Yield (T/A)	Milk per Ton	Milk per Acre	Moist %	NDF %	NDFD %	Starch %	ARL	MON	Yield (T/A)	Milk per Ton	Milk per Acre	ARL	MON	
Jung	7S744RIB	CB,LL,RR,RW	10.8	3290	35600	64.3	38	57	32	12.1	9.5	* 11.1	3140	* 34800	* 12.3	9.9	
Prairie Hybrids	7355	None	11.8	* 3370	39700	64.7	38	58	33	12.6	10.9						
NK Brand	NK1284-3220	CB,LL,RR	12.0	* 3500	* 42100	65.1	37	60	34	13.0	11.1						
Legend Seeds	JSC30J711	None	10.2	3280	33100	65.2	40	59	30	10.5	9.9						
InVision	FS 63ZX1 RIB	CB,LL,RR,RW	12.1	3270	39600	65.6	38	57	31	* 13.4	10.8	9.8	2970	29100	10.7	8.9	
Cornelius	C667SS	CB,LL,RR,RW	11.2	3270	36700	65.8	40	58	30	11.8	10.5						
LG Seeds	LG5606STXRIB	CB,LL,RR,RW	* 12.6	* 3320	* 42100	65.8	38	57	32	* 14.2	11.0						
Masters Choice	MCT6552 VIP3110	CB,LL,RR	10.8	3180	34400	65.8	40	56	29	11.3	10.2						
Prairie Hybrids	8759	None	12.4	* 3360	41700	65.9	40	59	31	12.8	* 12.1						
Latham	6224-3120EZR	CB,LL,RR	11.7	* 3330	39100	66.0	39	58	31	11.8	* 11.7	10.8	3060	* 33100	11.3	* 10.3	
InVision	FS 62ZX1 RIB	CB,LL,RR,RW	11.3	3200	36200	66.1	40	58	29	12.2	10.3						
AgriGold	A64178STXRIB	CB,LL,RR,RW	11.2	3200	36200	66.3	40	57	30	11.5	10.9	* 11.1	3080	* 34200	11.2	* 11.0	
Latham	6285VT2PRO	CB,RR	11.9	3110	37000	66.4	41	57	28	13.1	10.8						
Dekalb	DKC63-60RIB	CB,LL,RR,RW	11.0	3270	36100	66.5	38	57	32	11.8	10.2						
<b>110-DAY HYBRID TRIAL AVERAGE##</b>						<b>66.7</b>											
Latham	6477VT2PRO	CB,RR	10.6	3070	32900	66.9	41	56	27	11.7	9.5						
Prairie Hybrids	6212	None	11.9	3290	39200	66.9	39	58	30	12.9	10.9	* 11.4	2980	* 34100	* 12.3	* 10.5	
Legend Seeds	LR9912GENSSRIB	CB,LL,RR,RW	11.1	3180	35300	66.9	41	57	28	11.8	10.4						
InVision	FS 62RL1 EZR	CB,LL,RR	12.0	* 3380	40400	67.1	39	59	32	12.7	11.2						
Cornelius	7228SS	CB,LL,RR,RW	10.9	3130	34100	67.2	41	58	27	11.4	10.5						
InVision	FS 64SX1 RIB	CB,LL,RR,RW	10.9	* 3370	36800	67.4	38	60	31	12.1	9.8	10.2	3130	31900	11.2	9.2	
Viking	53-12GS	None	11.7	* 3360	39600	67.4	39	59	32	12.4	11.1						
Spectrum	6105	None	11.4	3290	37600	67.5	40	58	30	12.3	10.5	* 11.3	2960	* 33500	11.9	* 10.7	
<b>115-DAY HYBRID TRIAL AVERAGE##</b>						<b>67.5</b>											
Golden Harvest	G10T63-3122 EZ1	CB,LL,RR,RW	11.3	3210	36300	67.5	41	56	29	12.0	10.7						
Golden Harvest	G12W66-3000GT	CB,LL,RR,RW	11.8	* 3380	40000	67.9	39	59	32	12.3	11.4	10.6	3100	32900	11.0	* 10.2	
LG Seeds	LG62C02STX	CB,LL,RR,RW	10.8	3170	34200	67.9	42	59	27	10.9	10.7						
Dairyland	HiDF3211RA	CB,LL,RR,RW	10.8	3160	34300	68.0	41	57	28	12.1	9.5	10.6	3000	31800	11.9	9.3	
Dairyland	EXP-11315	CB,LL,RR	12.3	3220	39700	68.1	39	57	30	13.0	* 11.6						
AgriGold	A64106STX	CB,LL,RR,RW	10.7	3200	34300	68.2	40	59	28	11.5	10.0						

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**Table 15. (continued). Southern Zone - Late Maturity Silage Trial. (page 2 of 2)**

111 day Relative Maturity or later based on company rating (Arlington= ARL, Montfort=MON)

Brand	Hybrid	Traits†	2018								2017				
			Average			Average				Average			Yield (T/A)		
			Yield (T/A)	Milk per Ton	Milk per Acre	Moist %	NDF %	NDFD %	Starch %	Yield (T/A) ARL	Yield (T/A) MON	Yield (T/A) ARL	Yield (T/A) MON		
Dairyland	EXP-11316	CB,LL,RR	* 13.7	* 3380	* 46300	68.3	38	60	31	* 15.0	* 12.5				
Dairyland	RPM-5329AM	CB,LL,RR	11.0	* 3320	36600	69.0	40	59	29	10.7	11.2				
Dairyland	DS7215	CB,LL,RR,RW	* 12.6	3300	41600	69.0	41	59	29	* 13.4	* 11.8				
Legacy Seeds	L7236	CB,LL,RR,RW	11.0	3240	35800	69.3	40	58	30	10.6	11.4	* 10.9	2970	32200	10.9 * 10.8
Dairyland	HiDF3413SSX	CB,LL,RR,RW	11.1	3210	35500	70.4	41	57	28	11.5	10.7	* 11.7	2820	* 33100	* 12.3 * 11.2
MEAN			11.5	3270	37600	67.0	40	58	30	12.2	10.8	10.6	3040	32400	11.4 9.9
LSD(0.10)**			1.1	180	4500	2.3	2.6	2	3	1.7	1.1	1.0	140	3500	1.2 1.0

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

# Table 17. South Central Zone - Late Maturity Silage Trial. (page 1 of 2)

107 day Relative Maturity or later based on company rating ( Fond du Lac= FON, Galesville= GAL)

Brand	Hybrid	Traits†	2018									2017					
			Average			Average						Average			Yield (T/A)		
			Yield (T/A)	Milk per Ton	Milk per Acre	Moist %	NDF %	NDFD %	Starch %	Yield (T/A) FON	Yield (T/A) GAL	Yield (T/A)	Milk per Ton	Milk per Acre	Yield (T/A) FON	Yield (T/A) GAL	
DuPont Pioneer	P0783XR	CB,LL,RR,RW-bmr	9.5	* 3330	31800	61.2	36	64	33	9.3	9.8						
Cornelius	C508	None	* 10.8	3130	33700	61.5	38	54	32	9.6	11.9						
Legacy Seeds	L6838	CB,LL,RR	10.4	3240	33900	61.8	37	57	34	9.9	10.9						
AgriGold	A63755VT2PRO	CB,RR	* 10.9	* 3380	* 36900	61.9	34	62	35	10.3	11.5						
Cornelius	6963	None	10.4	3190	33200	62.2	37	56	32	9.7	11.1						
Renk	RK763VT2P	CB,RR	10.2	3240	33000	62.7	38	60	31	10.1	10.3						
LG Seeds	LG59C66VT2PRO	CB,RR	* 11.5	3180	* 36700	63.1	38	56	31	* 10.8	12.3						
AgriGold	A63874VT2PRO	CB,RR	* 11.5	3160	* 36900	63.1	38	56	31	9.2	* 13.9						
Cornelius	C461SS	CB,LL,RR,RW	10.1	* 3270	33200	63.3	37	56	34	* 10.7	9.6	* 11.4	* 3130	* 35700	10.4	* 12.3	
Dekalb	DKC58-06RIB	CB,LL,RR,RW	* 11.0	* 3300	* 36300	63.4	35	58	34	10.0	12.0	* 10.9	3070	33300	10.0	* 11.8	
Jung	58SS537RIB	CB,LL,RR,RW	10.6	3220	34100	63.8	36	58	32	9.7	11.5	10.4	3000	31300	9.6	* 11.3	
Renk	7-726SSTX	CB,LL,RR,RW	9.4	* 3280	30800	63.9	37	56	34	9.6	9.2						
InVision	FS 58G00	None	10.6	* 3280	* 34700	64.0	36	59	33	* 10.6	10.6						
Legend Seeds	LR9809VT2PRIB	CB,RR	* 10.9	* 3320	* 36200	64.1	36	59	33	* 10.6	11.2						
InVision	FS 57ZX1 RIB	CB,LL,RR,RW	9.3	3130	29200	64.2	40	54	30	9.8	8.8						
<b>105-DAY HYBRID TRIAL AVERAGE##</b>						<b>64.3</b>											
Latham	6045VT2PRO	CB,RR	* 10.7	3170	33900	64.3	38	57	31	10.0	11.4						
Latham	5885VT2PRO	CB,RR	* 11.4	* 3340	* 38100	64.4	36	61	33	* 10.5	12.4						
AgriGold	A63940VT2RIB	CB,RR	* 10.9	* 3290	* 35800	64.9	37	60	32	* 10.9	10.9	* 11.0	* 3140	* 34600	* 10.5	* 11.5	
LG Seeds	LG57C28VT2PRO	CB,RR	10.3	3170	32800	64.9	39	55	31	9.7	11.0						
AgriGold	A63894STX	CB,LL,RR,RW	10.4	* 3370	* 35100	65.0	36	58	34	9.1	11.6						
InVision	FS 58R49	CB,LL,RR,RW	9.8	3180	31100	65.3	39	58	30	9.5	10.1						
O'Brien Hybrids	OBX1107	None	8.8	3180	28100	65.4	40	56	29	8.3	9.4						
Masters Choice	MC5790	None	10.1	3250	33000	65.5	37	61	31	9.3	10.9						
Dairyland	DS7909PE		* 11.5	3070	* 35500	65.5	40	57	29	* 11.3	11.8						
Prairie Hybrids	6212	None	* 11.6	3110	* 36000	65.6	39	57	29	* 11.0	12.1						
<b>110-DAY HYBRID TRIAL AVERAGE##</b>						<b>65.8</b>											
Dairyland	EXP-11014	CB,LL,RR	* 11.2	3240	* 36300	65.9	38	60	30	* 10.8	11.5						
Latham	5742RR	RR	* 10.7	* 3300	* 35400	65.9	37	58	33	9.5	11.8	10.1	* 3260	32900	9.9	10.2	
Prairie Hybrids	5200	None	* 11.7	* 3320	* 39100	65.9	36	59	32	10.2	* 13.2	9.9	3060	30300	9.9	9.9	
LG Seeds	LG5548STXRIB	CB,LL,RR,RW	* 11.1	* 3300	* 36600	66.1	36	61	33	* 10.5	11.6						
Legacy Seeds	L6937	CB,LL,RR,RW	10.5	3190	33600	66.1	39	58	30	10.0	11.0						
Blue River Organic Seed	57A30	None	* 11.2	* 3340	* 37400	66.5	38	60	32	* 11.0	11.4						
Renk	RK842SSTX	CB,LL,RR,RW	10.5	3190	33500	66.5	38	58	30	10.0	11.0	10.7	2860	30700	10.1	* 11.4	
Channel	209-15STXRIB	CB,LL,RR,RW	10.4	* 3410	* 35400	66.6	37	62	32	10.3	10.5						

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# Table 17 (continued). South Central Zone - Late Maturity Silage Trial. (page 2 of 2)

107 day Relative Maturity or later based on company rating ( Fond du Lac= FON, Galesville= GAL)

Brand	Hybrid	Traits†	2018									2017				
			Average			Moist	NDF	NDFD	Starch	Yield (T/A)		Average			Yield (T/A)	
			Yield (T/A)	Milk per Ton	Milk per Acre					FON	GAL	Yield (T/A)	Milk per Ton	Milk per Acre	FON	GAL
Dairyland	HiDF3808RA	CB,LL,RR,RW	* 10.7	3030	32500	66.7	41	54	28	* 10.8	10.7	9.9	2710	26700	9.8	10.0
Renk	RK859DGV2P	CB,DT,RR	10.3	* 3290	33800	66.7	38	57	32	9.5	11.1					
LG Seeds	LG58C77VT2PRO	CB,RR	10.5	* 3260	34300	66.9	38	59	31	* 10.5	10.5					
Dairyland	RPM-4816AM	CB,LL,RR	10.1	* 3340	33700	67.0	37	61	32	9.8	10.3					
Dairyland	HiDF3407RA	CB,LL,RR,RW	* 10.8	3020	32700	67.2	40	57	28	10.1	11.5	10.0	2770	27900	9.1	* 11.0
InVision	FS 60UX1	CB,LL,RR,RW	10.3	* 3260	33500	67.3	37	60	31	9.6	10.9					
LG Seeds	LG5565STXRIB	CB,LL,RR,RW	* 10.7	3230	34500	67.3	37	60	31	10.4	10.9					
Dairyland	HiDF3510SSX	CB,LL,RR,RW	* 10.9	3000	32900	67.5	42	56	27	10.0	11.8	10.3	2810	29500	9.6	* 11.0
Jung	58SS529	CB,LL,RR,RW	10.2	3250	33300	67.7	38	59	31	9.4	11.0					
Dairyland	EXP-11315	CB,LL,RR	* 11.5	3030	* 35000	67.9	40	55	28	* 11.3	11.8					
Dairyland	EXP-11016	CB,LL,RR	* 11.9	* 3320	* 39400	68.0	37	62	31	* 10.9	* 12.8					
Golden Harvest	G09Y24-3220A EZ1	CB,LL,RR-wo	10.2	* 3270	33300	68.1	39	59	31	10.0	10.4					
Prairie Hybrids	7355	None	10.4	3160	32800	68.2	40	57	29	10.4	10.3					
Dairyland	HiDF3211RA	CB,LL,RR,RW	10.2	3190	32700	68.3	39	60	29	10.4	10.1	9.8	2990	29300	9.8	9.8
Golden Harvest	G10T63-3122 EZ1	CB,LL,RR,RW	* 10.9	3130	34200	68.4	39	58	29	10.4	11.4					
Dairyland	DS9713RA	CB,LL,RR,RW	10.5	3170	33200	68.6	40	56	30	9.8	11.1	10.4	3050	31800	9.3	* 11.6
Blue River Organic Seed	62G22	None	* 11.2	3080	34500	69.0	41	57	28	10.4	12.1					
MEAN			10.6	3220	34300	65.5	38	58	31	10.1	11.1	10.3	3020	31100	9.7	10.9
LSD(0.10)**			1.2	150	4700	2.8	3	3	3	0.8	1.3	0.9	140	3300	1.0	1.7

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

# Table 19. North Central Zone - Late Maturity Silage Trial. (page 1 of 2)

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

Brand	Hybrid	Traits†	2018										2017				
			Average				Yield (T/A)						Average				
			Yield (T/A)	Milk per Ton	Milk per Acre	Moist %	NDF %	NDFD %	Starch %	CHP	MAR	VAL	Yield (T/A)	Milk per Ton	Milk per Acre	CHP	VAL
Latham	EX103VT2PRO	CB,RR	9.7	* 3200	30900	63.2	38	61	31	* 10.3	* 8.8	9.9					
Legend Seeds	LR94A01-3011A	CB,LL,RR,RW-wo	9.7	* 3130	30400	63.4	38	58	31	* 10.3	* 8.9	9.9	7.3	* 3190	23300	7.7	7.0
NK Brand	NK0330-3120	CB,LL,RR	9.4	* 3170	30200	64.5	39	59	29	9.8	* 8.5	9.9					
Tracy Seeds	T102-14(3011A)	CB,LL,RR,RW-wo	9.1	3090	28200	64.9	38	59	29	9.9	8.2	9.3					
Renk	RK717SSTX	CB,LL,RR,RW	9.5	* 3140	29700	65.1	38	57	30	9.3	* 8.8	10.3					
Jung	HDS36R22	RR	9.0	3030	27600	65.2	41	58	27	8.0	* 8.8	10.2					
Prairie Hybrids	3415	None	9.4	* 3210	30000	65.3	39	59	30	9.8	* 9.2	9.0	* 9.7	* 3310	* 32400	* 10.1	* 9.3
Channel	204-74VT2PRIB	CB,RR	9.3	* 3250	30100	65.3	37	60	31	9.2	* 8.5	10.2	9.1	* 3290	* 29800	9.4	* 8.7
InVision	FS 53ZX1 RIB	CB,LL,RR,RW	9.1	* 3270	29600	65.3	36	62	32	9.3	* 8.6	9.3					
Foundation Direct	8500	None	9.5	* 3160	30300	65.4	37	63	30	9.8	* 8.6	10.2					
Masters Choice	MCT5454 VIP3111	CB,LL,RR,RW	8.9	* 3140	27900	65.6	39	58	30	9.0	8.0	9.6					
Legacy Seeds	L4433(3122EZ)	CB,LL,RR,RW	9.1	3090	28200	66.1	38	58	29	9.3	8.2	9.9					
Renk	RK737SSTX	CB,LL,RR,RW	9.5	* 3160	30100	66.1	37	60	31	9.6	* 8.8	10.0					
NK Brand	NK0440-3010	CB,LL,RR	9.8	* 3250	* 31800	66.2	38	62	30	* 10.5	* 8.8	10.0					
Dairyland	RPM-4329AM	CB,LL,RR	* 10.1	* 3230	* 32800	66.2	37	60	31	* 11.2	* 8.7	* 10.5					
InVision	FS 52RL0 EZR	CB,LL,RR	9.0	* 3220	29000	66.3	39	58	30	9.9	7.9	9.1	8.6	* 3350	28900	9.6	7.6
Dairyland	RPM-4318AM	CB,LL,RR	* 10.1	* 3250	* 33000	66.3	37	61	30	* 10.9	* 8.7	* 10.8					
Dairyland	HiDF3202PE		9.2	* 3160	29100	66.6	38	61	29	9.7	* 8.7	9.2					
<b>100-DAY HYBRID TRIAL AVERAGE##</b>						<b>66.7</b>											
Tracy Seeds	T104-13 (3000GT)	CB,LL,RR,RW	9.7	* 3200	30900	66.7	38	60	30	9.8	* 9.0	10.2	9.1	* 3230	29500	* 10.2	7.9
Prairie Hybrids	4718	None	9.7	* 3220	31500	66.7	37	61	31	9.8	8.3	* 11.1	* 9.7	* 3320	* 32400	* 10.1	* 9.4
Jung	53SS517RIB	CB,LL,RR,RW	9.8	3050	29800	66.7	38	59	28	9.5	* 9.2	* 10.5					
<b>105-DAY HYBRID TRIAL AVERAGE##</b>						<b>66.8</b>											
Channel	202-81STXRIB	CB,LL,RR,RW	8.9	* 3210	28400	67.0	39	60	29	9.4	8.2	9.0					
InVision	FS 54A00	None	9.1	* 3210	29300	67.2	38	61	30	9.7	8.2	9.5					
Latham	5742RR	RR	* 10.1	* 3240	* 32800	67.2	38	61	31	* 11.3	* 8.7	10.3					
DuPont Pioneer	P0783XR	CB,LL,RR,RW-bmr	8.8	* 3220	28600	67.2	38	63	29	8.9	* 8.6	9.0					
Dekalb	DKC51-91RIB	CB,LL,RR,RW	9.1	* 3160	28800	67.3	39	60	29	9.4	* 8.4	9.6					
Legacy Seeds	L5217	CB,LL,RR,RW	9.1	* 3180	29000	67.3	37	60	30	9.2	* 8.7	9.5					
Renk	RK710DGV2P	CB,DT,RR	10.0	3040	30100	67.5	40	59	27	10.2	* 8.9	* 10.9					
LG Seeds	LG5505STXRIB	CB,LL,RR,RW	8.8	3060	27200	67.6	39	60	28	8.8	8.2	9.3					
Federal Hybrids	5570SSRIB	CB,LL,RR,RW	9.7	* 3140	30400	67.6	38	59	29	* 10.4	* 8.4	10.3	* 9.4	3130	* 29700	* 10.4	* 8.4
Legacy Seeds	L6838	CB,LL,RR	9.2	3100	28400	67.7	40	59	28	9.9	7.6	10.0					
Blue River Organic See	51T59	None	9.7	* 3160	30800	67.7	39	60	29	9.8	* 8.9	10.4					
Jung	51SS509	CB,LL,RR,RW	7.7	* 3110	24200	68.0	38	60	29	7.8	7.5	8.0					

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# Table 19 (continued). North Central Zone - Late Maturity Silage Trial. (page 2 of 2)

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

Brand	Hybrid	Traits†	2018										2017				
			Average			Moist	NDF	NDFD	Starch	Yield (T/A)			Average				
			Yield (T/A)	Milk per Ton	Milk per Acre					CHP	MAR	VAL	Yield (T/A)	Milk per Ton	Milk per Acre	CHP	VAL
InVision	FS 51QX1 RIB	CB,LL,RR,RW	9.2	3050	27900	68.1	40	58	27	9.8	* 8.5	9.2					
Legend Seeds	JSC47J104-3122	CB,LL,RR,RW	8.4	3090	25900	68.1	39	59	28	8.6	6.8	9.7					
Latham	5495-3122EZR	CB,LL,RR,RW	8.9	* 3140	28000	68.3	39	60	29	9.7	* 8.4	8.5	* 9.7	3170	* 30800	* 10.9	* 8.5
Tracy Seeds	T104-14(Vip3122EZ)	CB,LL,RR,RW	9.7	2890	28100	68.4	40	59	25	* 10.8	* 8.8	9.5					
Prairie Hybrids	5200	None	* 10.8	* 3220	* 34600	68.4	38	61	30	* 11.9	* 9.0	* 11.4	* 9.6	3070	* 29800	* 10.5	* 8.6
Renk	RK642SSTX	CB,LL,RR,RW	9.0	3100	28000	68.4	39	60	28	9.2	7.7	10.0	8.3	3070	25400	9.0	7.5
Legacy Seeds	L5350	CB,LL,RR,RW	9.7	3010	29200	68.4	40	58	27	* 11.0	* 8.5	9.6	* 9.5	* 3200	* 30600	* 10.8	8.1
Dairyland	HiDF3605RA	CB,LL,RR,RW	10.0	3010	30200	69.1	41	57	26	* 11.4	8.3	10.3	* 9.3	2860	26800	9.8	* 8.8
Masters Choice	MC5790	None	9.1	3040	27600	69.2	40	61	27	9.8	8.1	9.4					
Dairyland	HiDF3702-9	CB,LL,RR,RW	9.5	* 3160	30200	69.6	39	61	28	9.8	* 8.9	9.8	8.5	3140	26800	9.8	7.2
MEAN			9.4	3140	29500	66.8	39	60	29	9.8	8.5	9.8	9.0	3220	29100	9.7	8.2
LSD(0.10)**			0.7	160	2800	1.9	2	2	3	1.6	0.9	0.9	0.8	170	2700	1.2	1.5

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



# Table 20. Northern Zone Silage Trial. (page 1 of 2)

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

Brand	Hybrid	Traits†	2018										2017						
			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	SPI	SPS	
Masters Choice	MCT2552 VIP3110	CB,LL,RR	6.5	* 3230	21200	50.4	38	61	33	7.8	6.2	6.4	5.7	7.2	3350	24300	7.5	6.9	
Jung	31DP308	CB,RR	7.7	3130	24200	52.3	38	60	32	8.7	8.0	6.9	7.3	7.8	3300	25700	8.2	7.4	
NK Brand	NK8618-3011A	RR-wo	8.7	3110	27200	53.3	39	60	31	9.9	8.0	* 8.9	8.3						
Masters Choice	MCT3891 GT	RR	8.0	3100	24800	53.7	39	60	31	9.5	6.6	7.9	8.1	8.9	3320	29600	9.2	8.6	
Dairyland	HiDF3188-6	RR	8.2	* 3250	26600	53.8	38	63	33	8.9	7.2	* 8.5	8.1						
InVision	FS 37TV1	CB,RR	8.4	* 3220	27100	56.5	38	60	33	10.0	7.7	7.7	8.0						
NK Brand	NK8881-3010A	CB,LL,RR-wo	8.7	3150	27600	56.9	39	59	32	10.1	7.4	8.2	* 9.3						
InVision	FS 35SV1 RIB	CB,RR	7.7	* 3310	25800	57.8	37	62	34	9.5	6.9	7.1	7.4						
<b>85-DAY HYBRID TRIAL AVERAGE##</b>						<b>58.5</b>													
Viking	71-90GS	None	* 9.5	* 3300	* 31300	58.9	37	62	33	* 11.5	8.6	* 9.3	8.5						
InVision	FS 45SV1 RIB	CB,RR	8.3	3200	26700	59.1	38	61	32	9.0	7.7	7.8	8.6						
InVision	FS 41TV1	CB,RR	8.5	3200	27300	59.4	40	62	31	8.7	8.4	* 9.0	7.9						
Latham	3755VT2PRO	CB,RR	9.0	3190	28600	59.6	38	61	31	10.1	* 8.8	* 9.0	7.9						
Jung	4D178RIB	CB,RR	8.3	* 3240	27000	60.0	37	61	33	9.8	7.9	7.7	7.8	8.3	* 3380	28100	8.9	7.7	
Dairyland	HiDF3290-9	CB,LL,RR,RW	* 9.9	* 3320	* 33000	60.1	38	61	34	* 10.8	* 9.3	* 9.7	* 9.8	* 9.6	* 3480	* 33400	* 10.3	* 8.9	
Legacy Seeds	L2847	CB,RR	8.9	3140	28100	60.3	39	60	30	10.0	* 8.9	8.0	* 8.9						
NK Brand	NK9505-3110	CB,LL,RR	8.7	3100	26900	60.4	39	60	30	10.0	8.6	8.1	8.1						
<b>90-DAY HYBRID TRIAL AVERAGE##</b>						<b>60.4</b>													
Jung	42DP419	CB,RR	9.2	3180	29400	60.8	38	62	31	10.0	8.4	* 9.1	* 9.2						
Federal Hybrids	4190VT2P	CB,RR	7.6	* 3210	24600	61.2	39	62	31	8.0	8.1	7.0	7.5						
Masters Choice	MCT4572 VIP3110	CB,LL,RR	8.1	3180	25900	61.3	39	60	31	9.0	7.8	7.4	8.3	* 9.9	* 3430	* 33800	* 10.9	* 8.8	
Legacy Seeds	L2937(3120EZ)	CB,LL,RR	8.4	3180	26800	61.6	40	59	30	9.6	7.9	7.1	* 9.1						
Viking	42-92	None	9.2	* 3210	29700	61.8	39	61	31	* 10.3	* 8.8	* 8.7	* 9.1						
Latham	4242VT2PRO	CB,RR	* 9.3	3180	29500	61.9	39	60	30	10.1	* 9.1	* 9.3	8.5						
Prairie Hybrids	418	None	8.9	* 3310	29400	61.9	37	64	32	* 10.4	* 8.8	8.3	8.0						
Dairyland	HiDF3197RA	CB,LL,RR,RW	9.0	3160	28600	62.3	42	61	29	* 10.5	8.5	8.1	* 8.9	* 9.9	3280	* 32400	* 10.7	* 9.1	
Dekalb	DKC42-05RIB	CB,RR	8.8	3190	28300	62.4	38	61	31	9.7	8.1	8.3	* 9.2						
Golden Harvest	G90Y04-3220A	CB,LL,RR-wo	9.0	* 3220	28900	62.4	38	59	32	10.1	8.5	* 9.1	8.2						
LG Seeds	LG38C18VT2RIB	CB,RR	8.2	* 3270	27000	62.5	37	61	32	* 10.6	7.4	7.1	7.7						
LG Seeds	LG5410VT2RIB	CB,RR	9.2	3160	29100	62.5	39	62	30	10.1	* 9.8	8.1	* 8.7						

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# Table 20 (continued). Northern Zone Silage Trial. (page 2 of 2)

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

Brand	Hybrid	Traits†	2018								2017								
			Average			Moist	NDF	NDFD	Starch	Yield (T/A)				Average					
			Yield (T/A)	Milk per Ton	Acres					COL	MAR	SPI	SPS	Yield (T/A)	Milk per Ton	Acres	SPI	SPS	
LG Seeds	LG44C27VT2PRO	CB,RR	* 9.4	* 3290	* 30800	62.5	38	63	32	* 10.6	* 9.4	* 8.9	8.5						
<b>95-DAY HYBRID TRIAL AVERAGE##</b>			<b>62.8</b>																
Channel	192-98STXRIB	CB,LL,RR,RW	8.8	* 3320	29100	62.8	38	64	32	9.7	* 8.8	7.6	* 9.1						
Federal Hybrids	4160VT2PRIB	CB,RR	* 9.3	3190	29800	63.0	39	61	30	* 11.1	8.6	* 8.6	* 9.0	8.8	3360	29400	9.5	8.0	
Federal Hybrids	4680VT2PRIB	CB,RR	8.6	3130	26900	63.1	41	61	28	9.0	8.5	8.1	8.6						
LG Seeds	LG44C34-3110	CB,LL,RR	9.0	* 3220	29000	63.1	38	62	31	* 10.6	8.6	* 8.6	8.2						
Legacy Seeds	L3537	CB,LL,RR	8.7	3180	27900	63.4	39	61	30	* 10.6	7.7	* 8.5	8.1						
NK Brand	N27P-3110A	CB,LL,RR-wo	9.1	3190	29200	63.5	38	59	31	* 10.6	* 8.8	* 8.6	8.5	9.4	3270	30600	* 10.2	8.5	
Jung	46SS428	CB,LL,RR,RW	* 9.5	* 3330	* 31600	64.1	36	64	32	10.0	* 9.8	8.4	* 9.7						
Channel	198-98STXRIB	CB,LL,RR,RW	9.2	3080	28500	65.0	41	62	27	10.1	* 9.2	8.4	* 9.1	* 9.7	3190	30900	* 10.4	* 8.9	
NK Brand	NK9227-3220A	CB,LL,RR-wo	8.8	3150	28000	65.0	40	59	29	9.6	8.6	* 8.6	8.5						
InVision	FS 43RA1 EZR	CB,LL,RR	8.5	3110	26300	65.6	40	61	28	9.1	8.2	7.6	* 9.0						
Jung	7S378RIB	CB,LL,RR,RW	9.0	3130	28300	66.4	40	61	28	10.1	* 9.0	* 9.3	7.6						
MEAN			8.7	3200	27900	60.6	39	61	31	9.8	8.3	8.2	8.4	8.9	3340	29600	9.5	8.2	
LSD(0.10)**			0.6	120	2500	2.5	2	2	2	1.3	1.0	1.2	1.1	0.6	120	2600	1.1	0.7	

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