

2017 Silage Trial – Randolph, MN: 97 – 104 day

Location	Hybrid	Rep	# of Plants	Population	Field Weight in Pounds	Field NIR Sugar	Field NIR Starch	Field NIR NDF	Field NIR CP	% Dry Matter	Moisture % @ Harvest	Tons/Ac. Adjusted to 65% Moisture	Tons/Ac. Adjusted to Dry Wt. Basis		
Randolph, MN	40R73	1	70	34,483	128.4	2.3	34.8	37.3	7.8	31.5	68.5	28.4	10.0		
Randolph, MN	40R73	2	75	36,946	146.8	2.4	33.9	37.9	7.8	31.6	68.4	32.6	11.4		
Randolph, MN	40R73	3	69	33,990	144.8	2.6	32.8	37.9	7.8	31.2	68.8	31.8	11.1		
40R73						Location Average:		2.4	33.8	37.7	7.8	31.4	68.6	30.9	10.8
Randolph, MN	43L96	1	50	24,631	124	2.3	40	36.7	7.7	34.3	65.7	29.9	10.5		
Randolph, MN	43L96	2	47	23,153	125.2	2.2	39.7	37	7.8	34.3	65.7	30.2	10.6		
Randolph, MN	43L96	3	52	25,616	121.6	2.1	38.6	37.6	7.8	33.6	66.4	28.7	10.1		
43L96						Location Average:		2.2	39.4	37.1	7.8	34.1	65.9	29.6	10.4
Randolph, MN	45G28	1	69	33,990	122.2	3.3	34.2	36.2	7.9	35.7	64.3	30.7	10.7		
Randolph, MN	45G28	2	68	33,498	123.4	3.5	33.3	36.6	7.8	35.6	64.4	30.9	10.8		
Randolph, MN	45G28	3	70	34,483	125.6	3.3	33.4	36.5	7.9	35.1	64.9	31.0	10.8		
45G28						Location Average:		3.4	33.6	36.4	7.9	35.5	64.5	30.9	10.8
Randolph, MN	48G35	1	69	33,990	124.2	3.4	32.1	37.6	7.9	33.5	66.5	29.3	10.2		
Randolph, MN	48G35	2	73	35,961	130.2	3.3	30.1	38.6	8	32.5	67.5	29.8	10.4		
Randolph, MN	48G35	3	67	33,005	135.6	3.5	29.5	38.6	8	32.9	67.1	31.4	11.0		
48G35						Location Average:		3.4	30.6	38.3	8.0	33.0	67.0	30.1	10.5
Randolph, MN	49K70	1	66	32,512	141	3.2	31.5	37.6	8	32.7	67.3	32.4	11.3		
Randolph, MN	49K70	2	68	33,498	144.6	3.5	30.8	37.9	8	32.7	67.3	33.3	11.6		
Randolph, MN	49K70	3	68	33,498	146.4	3.4	31.7	37.3	8	33.3	66.7	34.3	12.0		
49K70						Location Average:		3.4	31.3	37.6	8.0	32.9	67.1	33.3	11.7
Randolph, MN	51T59	1	67	33,005	160.4	3.1	29.5	38.3	7.9	30.1	69.9	34.0	11.9		
Randolph, MN	51T59	2	67	33,005	156	3.3	28.4	38.5	7.8	30	70	32.9	11.5		
Randolph, MN	51T59	3	64	31,527	154.2	3.2	29.5	38	7.8	31	69	33.6	11.8		
51T59						Location Average:		3.2	29.1	38.3	7.8	30.4	69.6	33.5	11.7
Randolph, MN	53L96	1	56	27,586	147.2	2.8	33.8	39.2	7.8	30.7	69.3	31.8	11.1		
Randolph, MN	53L96	2	57	28,079	151	3	33.3	39.5	7.8	30.9	69.1	32.8	11.5		
Randolph, MN	53L96	3	56	27,586	135	2.8	33.8	38.9	7.8	31.2	68.8	29.6	10.4		
53L96						Location Average:		2.9	33.6	39.2	7.8	30.9	69.1	31.4	11.0

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