

2017 Silage Trial – Randolph, MN: 92 – 96 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	Harvest Moisture	Tons/Ac. Adjusted to 65% Moisture	Tons/Ac. Adjusted to Dry Wt. Basis		
Randolph, MN	33A16	1	69	33,990	109.2	3	39.9	34.9	7.9	38.7	61.3	29.7	10.4		
Randolph, MN	33A16	2	72	35,468	107.6	3.2	40	34.9	7.9	39.1	60.9	29.6	10.4		
Randolph, MN	33A16	3	67	33,005	104.4	3.2	39.8	35	7.9	39.1	60.9	28.7	10.0		
33A16						Location Average:		3.1	39.9	34.9	7.9	39.0	61.0	29.3	10.3
Randolph, MN	33ND10	2	68	33,498	102.6	3.4	34.8	37.3	8.4	34.8	65.2	25.4	8.8		
Randolph, MN	33ND10	1	69	33,990	125.6	3.6	34.9	36.2	7.8	36.9	63.1	32.6	11.4		
Randolph, MN	33ND10	3	67	33,005	131.8	3.3	34.3	36.7	7.9	35.7	64.3	33.1	11.6		
33ND10						Location Average:		3.5	34.6	36.5	7.9	36.3	63.7	32.8	11.5
Randolph, MN	34C17	1	70	34,483	101	3	47.6	33.9	7.8	42.9	57.1	30.5	10.7		
Randolph, MN	34C17	2	73	35,961	89.4	2.8	48.9	33.9	7.8	43.4	56.6	27.3	9.5		
Randolph, MN	34C17	3	73	35,961	96.8	3	49.8	33.6	7.8	44	56	29.9	10.5		
34C17						Location Average:		2.9	48.8	33.8	7.8	43.4	56.6	29.2	10.2
Randolph, MN	35M70	1	72	35,468	105	2.7	44.5	33.8	7.7	39.7	60.3	29.3	10.3		
Randolph, MN	35M70	2	73	35,961	109.2	2.8	42.5	34.4	7.8	39	61	29.9	10.5		
Randolph, MN	35M70	3	69	33,990	111.8	2.8	41.7	34.5	7.7	38.8	61.2	30.5	10.7		
35M70						Location Average:		2.8	42.9	34.2	7.7	39.2	60.8	29.9	10.5
Randolph, MN	37K90	1	71	34,975	136.2	2.9	39.3	36.8	7.7	34.5	65.5	33.0	11.6		
Randolph, MN	37K90	2	69	33,990	135	3	37.6	37.2	7.7	34.1	65.9	32.4	11.3		
Randolph, MN	37K90	3	71	34,975	130.2	2.8	39.2	36.8	7.7	34.2	65.8	31.3	11.0		
37K90						Location Average:		2.9	38.7	36.9	7.7	34.3	65.7	32.2	11.3
Randolph, MN	38G54	1	68	33,498	140.8	2.9	36.2	36.9	7.7	33.1	66.9	32.8	11.5		
Randolph, MN	38G54	2	68	33,498	142	2.6	36.9	37	7.8	32.6	67.4	32.6	11.4		
Randolph, MN	38G54	3	68	33,498	137	2.9	36	37.6	7.7	32.8	67.2	31.6	11.1		
38G54						Location Average:		2.8	36.4	37.2	7.7	32.8	67.2	32.3	11.3

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