

**Table 1****Product: haylage**

Moisture	%	43.65%		
Dry matter	%	56.35%		
pH		5.03		
			Dry basis	Average
				Normal range
Crude protein	% DM	23.04%	20.25	15.65 – 24.85
ADF	% DM	34.75%	31.11	24.21 – 38.01
aNDF (w/Na2S03)	% DM	38.27%	40.79	31.79 – 49.79
Lignin (Sulfuric acid)	% DM	7.92%	8.15	5.83 – 10.47
Lignin	% NDF	20.70%		
Lignin input (uNDF/2.4)	% DM	8.31%		
uNDF240	% DM	19.95%	22.50	13.00 – 30.00
NDFD 30 (1 mm)	% NDF	44.00%	46.62	35.84 – 57.40
NDFD 24 (1 mm)	% NDF	37.18%	42.08	31.10 – 53.06
AD – ICP	% DM	1.68%	1.29	0.45 – 2.13
ND – ICP (w/o Na2S03)	% DM	3.93%	2.83	1.29 – 4.37
Protein Sol.	% CP	58.81%	47.69	34.17 – 61.21
Fat (maximum value)	% DM	4.10%	3.33	2.13 – 4.53
Total fatty acid (TFA)	% DM	1.93%	2.54	1.58 – 3.50
Ash	% DM	12.80%	10.97	7.01 – 14.93
Calcium	% DM	1.50%	1.33	0.93 – 1.73
Phosphorus	% DM	0.39%	0.37	0.29 – 0.45
Magnesium	% DM	0.35%	0.31	0.21 – 0.41
Potassium	% DM	2.78%	2.93	2.01 – 3.85
Sulfur	% DM	0.28%	0.28	0.20 – 0.36
Sugar (ESC)	% DM	1.90%	5.33	0.99 – 9.67
Lactic acid	% DM	3.76%		
Acetic acid	% DM	2.73%		
Propionic acid	% DM	0.41%		
Butyric acid	% DM	1.03%		
Ammonia-CP	% DM	2.48%		
Ammonia-N	% CP	10.78%		
Silage acids	% DM	7.52%		
Lactic: Acetic ratio		1:1		