

## Dynamic NDFD on Haylage

Dry Matter 51.81% Moisture 48.19%

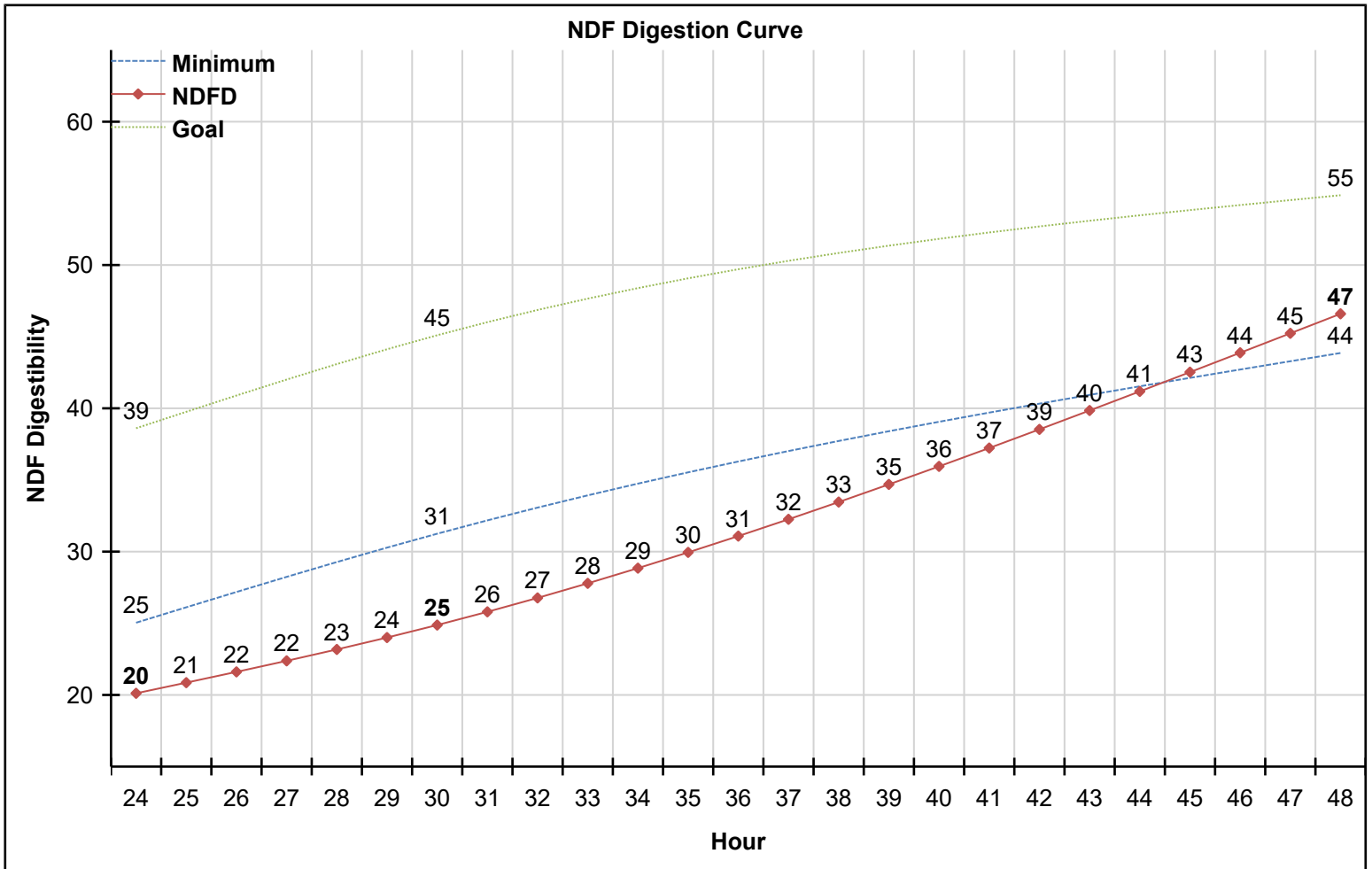
Description (%DM unless specified)	Dry Matter		
	Basis	Legumes (silage)	
		60 dy Avg	4 yr Avg
Crude Protein	23.49	21.80	20.70
Soluble Protein, %CP	44.53		45.86
Avail. Crude Protein	22.50		
ADICP	0.99	0.94	1.02
NDICP	2.06		1.98
ADICP %CP	4.21		
ADF	32.12	33.89	33.60
aNDF	40.52	41.28	42.92
aNDFom	37.55	37.75	40.94
RUP as % crude protein	22.40		
Calcium	1.48	1.27	1.22
Phosphorus	0.32	0.30	
Magnesium	0.41	0.32	
Potassium	2.13	2.55	2.70
Sulfur	0.27	0.25	0.25
Fat (EE)	2.57	2.77	2.33
Ash	10.62	11.02	9.90
Lignin	8.06	7.83	6.12
Lignin (calc. using 120h uNDF)	7.14		
Sugar (ESC)	3.05	3.52	4.51
Sugar (WSC)	3.76		
<b>Fermentation Products</b>			
Lactic Acid	2.49	4.63	
Acetic Acid	0.35	1.38	
Butyric Acid	0.10	0.19	
Ammonia -N CP Equivalent	1.51	1.76	
Ammonia -N, %CP	6.41	8.08	
pH	4.78		4.94
<b>NDF Digest. (% of NDF): Traditional=Goering &amp; Van Soest Method, Standardized=Combs-Goeser Method</b>			
NDFD 30, %NDF	40.10	43.48	43.17
Traditional NDFD 48, %NDF	47.53	49.59	49.24
Standardized NDFD 24, %NDF	20.11	26.11	31.09
Standardized NDFD 30, %NDF	24.88	31.99	37.07
Standardized NDFD 48, %NDF	46.59	48.86	49.87
NDFD 120, %NDF	57.72	55.79	
NDFD 240, %NDF	59.06		
uNDF240	16.59		14.60
<b>Calculations</b>			
TTNDFD, %NDF	39.76	41.83	42.25
TTNDFD Deviation, %NDF	-2.49		
RFQ	148		
Dynamic NDF Kd (using 24,30,48,240 hr) %/hr	5.86	6.56	5.98
RFV	147		139
NFC	24.86		
<b>Milk 2006 Energy calculated using avg of 30 &amp; 48h Std NDFD, compared to lab avg = 40.235</b>			
TDN 1X	58.01		
NEL 3x, Mcal/lb	0.605		
NEG, Mcal/lb	0.320		
NEM, Mcal/lb	0.579		
Milk/Ton, lb	2585		
<b>Milk 2006 Energy calculated using avg of 30 &amp; 48h Trad NDFD, compared to lab avg = 46.46</b>			
TDN 1X	58.96		
NEL 3x, Mcal/lb	0.609		

**Dry Matter** 51.81% **Moisture** 48.19%

NEG, Mcal/lb	0.336
NEM, Mcal/lb	0.597
Milk/Ton, lb	2689

\*ND - None Detected

For analysis guidelines, please visit [http://www.rockriverlab.com/Section/Feed/Analysis\\_Guidelines/index.html](http://www.rockriverlab.com/Section/Feed/Analysis_Guidelines/index.html).



**aNDF (w/NaSO<sub>3</sub>) %DM = 40.5**

The Goal corresponds to the 85th percentile and the Minimum corresponds to the 15th percentile.