



Feed Analysis Report

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MEROA ARG 2016, Bag
Research Oakley Farms

Dry Matter 15.18% **Moisture** 84.82%

Description (%DM unless specified)	Dry Matter		
	Basis	Mixed forages (silage)	
		60 dy Avg	4 yr Avg
Crude Protein	16.55	17.72	18.06
Soluble Protein, %CP	34.38		43.31
Avail. Crude Protein	16.20		
ADICP	0.35	1.10	1.09
NDICP	3.07		2.30
ADICP %CP	2.11		
ADF	23.39	38.53	35.70
aNDF	37.13	49.23	47.63
aNDFom	34.27	45.75	47.44
RUP as % crude protein	19.68		
Calcium	0.69	1.13	1.04
Phosphorus	0.34	0.26	
Magnesium	0.28	0.30	
Potassium	2.86	2.28	2.62
Sulfur	0.17	0.21	0.23
Fat (EE)	3.34	2.64	2.27
Ash	8.93	10.89	9.63
Lignin	1.83	8.46	5.98
Sugar (ESC)	14.85	3.59	4.94
Sugar (WSC)	15.78		
Starch	5.35	1.25	1.30
Fermentation Products			
Lactic Acid	0.10	3.81	
Acetic Acid	0.11	1.28	
Butyric Acid	0.11	0.30	
Ammonia -N CP Equivalent	1.08	1.82	
Ammonia -N, %CP	6.53	10.25	
pH	5.10		4.80
NDF Digest. (% of NDF): Traditional=Goering & Van Soest Method, Standardized=Combs-Goeser Method			
Traditional NDFD 30, %NDF	72.10	40.51	46.00
Traditional NDFD 48, %NDF	96.47	50.84	53.59
Standardized NDFD 24, %NDF	44.73	22.51	31.31
Standardized NDFD 30, %NDF	56.69	28.28	37.45
Standardized NDFD 48, %NDF	83.76	46.15	51.82
NDFD 120, %NDF	98.65	54.31	
NDFD 240, %NDF	100.00		
uNDF30	10.36		
uNDF240	ND*		15.20
Calculations			
TTNDFD, %NDF	71.36	39.56	42.59
TTNDFD Deviation, %NDF	28.77		
RFQ	295		
Dynamic NDF Kd (using 24,30,48,240 hr) %/hr	6.54	5.96	5.58
RFV	177		122
NFC	37.12		
Milk 2006 Energy calculated using 30h Trad NDFD			
TDN 1X	73.90		
NEL 3x, Mcal/lb	0.730		
NEG, Mcal/lb	0.571		
NEM, Mcal/lb	0.861		
Milk/Ton, lb	3664		



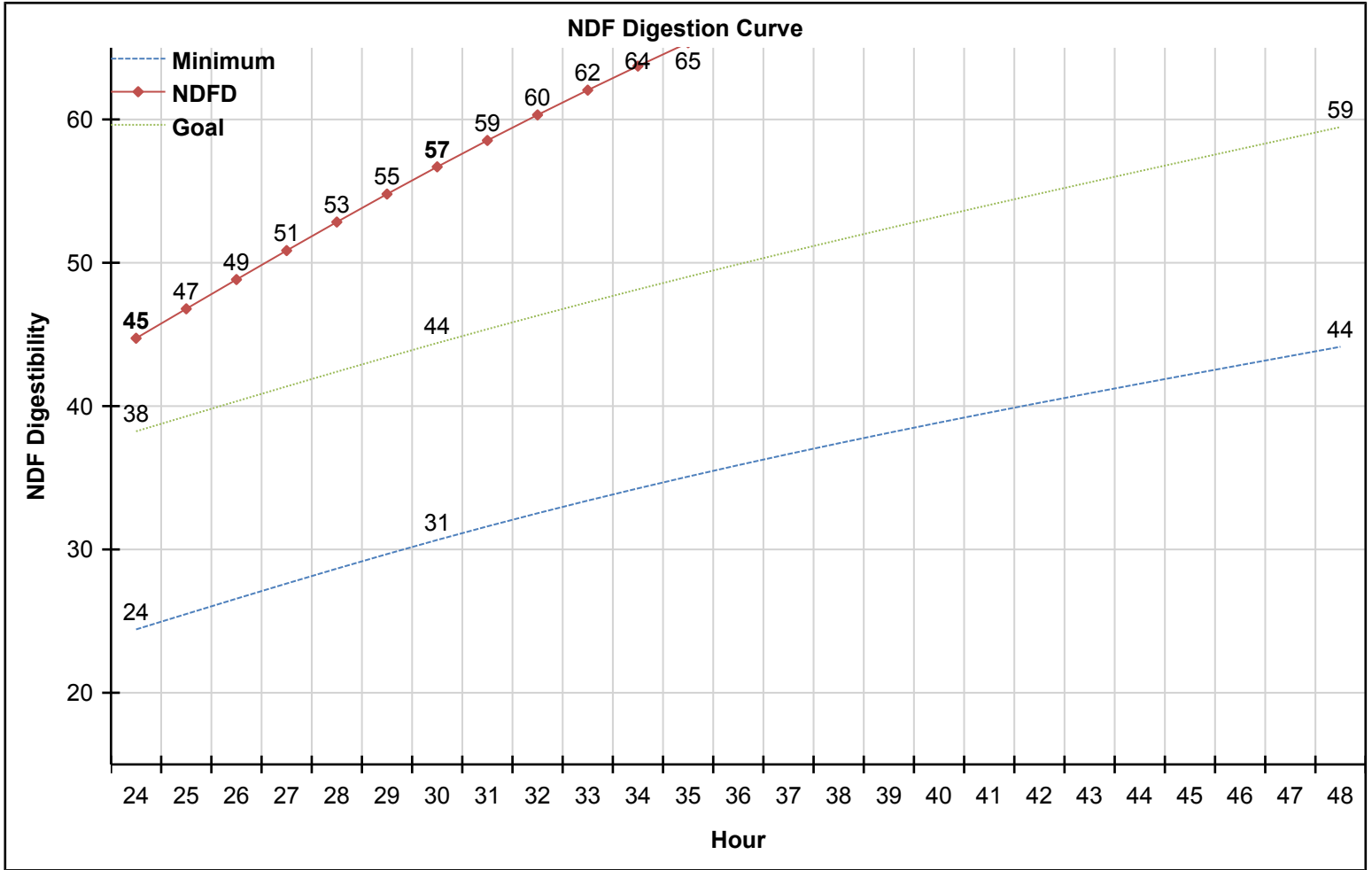
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*ND - None Detected

For analysis guidelines, please visit http://www.rockriverlab.com/Section/Feed/Analysis_Guidelines/index.html.

Consultant Comments: Oakley Farms Meroa- 4/25



aNDF (w/NaSO₃) %DM = 37.1

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