

Feed Analysis Report

Representative:
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N130W294 Bryn Dr
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6-12-23 Prairie NIR Pasture Crop 1
Ryan Heinen

Dry Matter 28.35%
Moisture 71.65%

Description (%DM unless specified)	Dry Matter Basis	Grasses	
		60 dy Avg	4 yr Avg
Dry Matter	28.35	39.6	28.6
Crude Protein	14.53	14.0	15.4
Soluble Protein, %CP	5.39	18.1	26.1
Avail. Crude Protein	14.32	13.7	14.8
ADICP	0.22	0.376	0.624
NDICP	2.66	2.67	2.43
ADICP %CP	1.49	2.53	4.05
ADF	35.18	33.2	35.9
aNDF	58.36	52.9	53.4
aNDFom	55.34	48.8	49.5
Calcium	0.35	0.322	0.442
Phosphorus	0.24	0.301	0.325
Magnesium	0.20	0.170	0.234
Potassium	1.18	2.57	2.61
Sulfur	0.19	0.213	0.206
Fat (EE)	3.57	3.50	3.22
Ash	8.21	11.0	10.9
Lignin	6.11	5.65	5.10
Sugar (ESC)	4.52	6.10	4.89
Sugar (WSC)	6.57	9.39	7.80
Starch	2.92	3.67	2.23
NDF Digest.: Traditional=Goering & Van Soest Method, Standardized=Combs-Goeser Method			
NDFD 30, %NDF	58.42	47.6	50.1
Standardized NDFD 30, %NDF	41.63	37.7	36.5
NDFD 240, %NDF	74.09	75.3	70.6
uNDF30	24.26	27.1	26.2
uNDF240	15.12	12.8	15.3
tNDFD30om %aNDFom	61.14	50.6	53.0
tNDFD240om %aNDFom	76.34	77.7	73.3
uNDF30om	21.50		
uNDF240om	13.09		
Calculations			
RFQ	126		
Dynamic NDF Kd (using 24,30,48 hr) %/hr	7.51		
RFV	98	111	106
NFC	17.99	18.9	18.6
Milk 2006 Energy calculated using 30h Trad NDFD Dairy			
TDN 1X	59.00	54.1	54.7
NEL 3x, Mcal/lb	0.624	0.590	0.596
NEG, Mcal/lb	0.337	0.253	0.262
NEM, Mcal/lb	0.597	0.506	0.516
Milk/Ton, lb	2806	2537	2551

For analysis guidelines, please visit <https://www.rockriverlab.com>

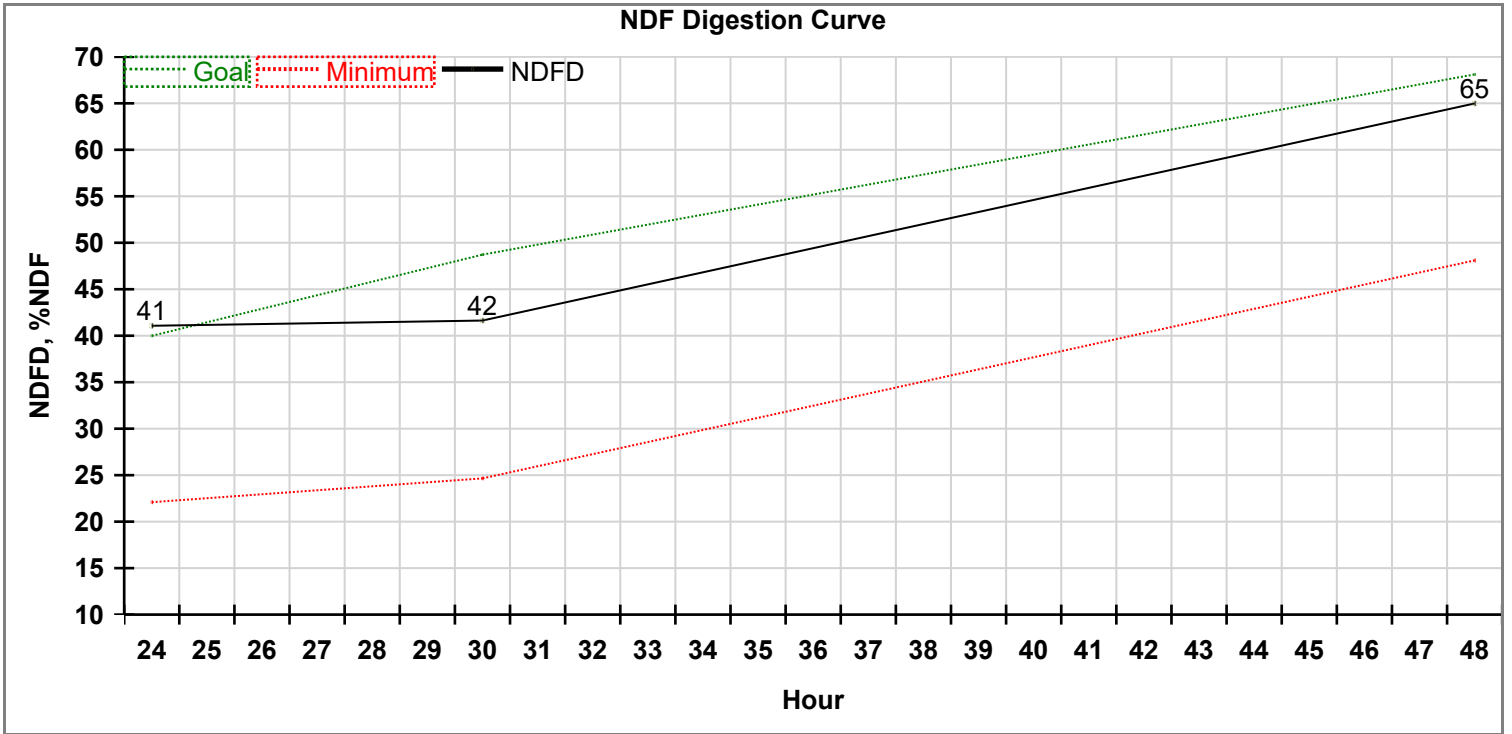
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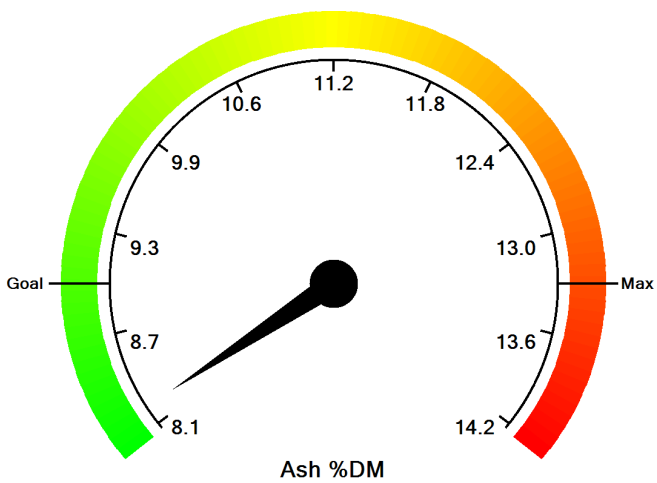
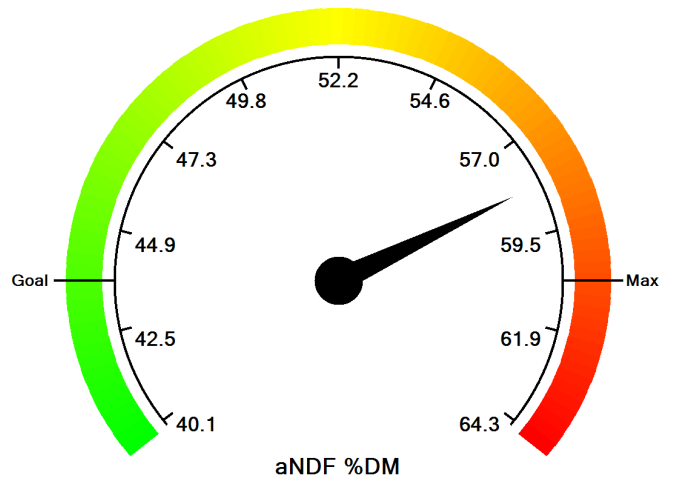
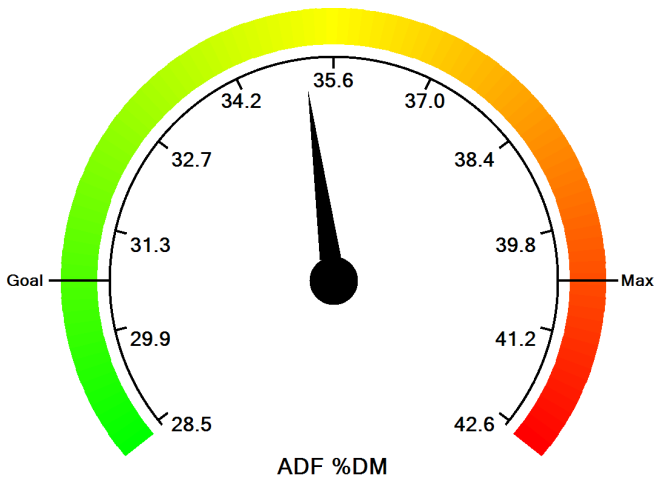
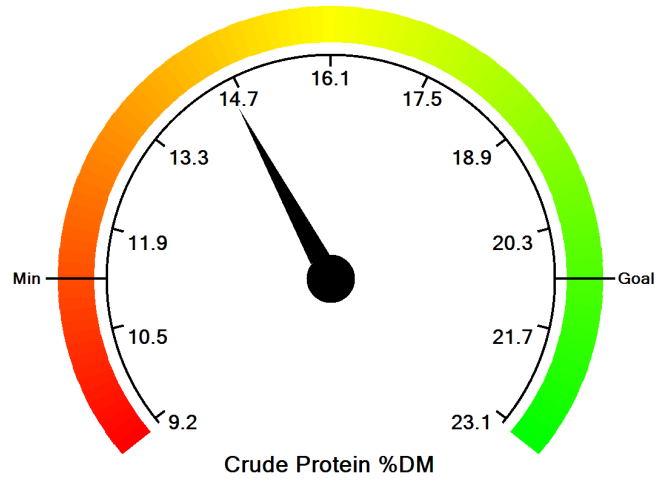
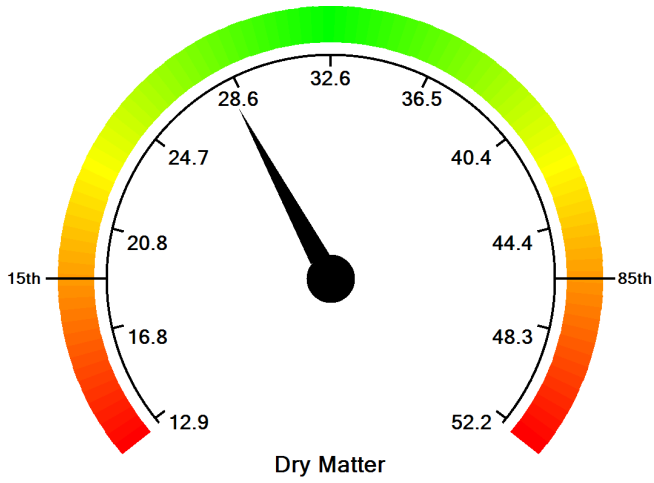


aNDF (w/NaSO₃) %DM = 58.4

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

Visual Feed Analysis Report

Lab Number 1459068 6/12/2023
Sample ID 6-12-23 Prairie NIR Pasture
Farm Ryan Heinen
Consultant Ryan Heinen; Dr Darren Zimmerman



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