



# Feed Analysis Report

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ATTAIN ARG 2016, Bag  
Research Oakley Farms

**Dry Matter** 14.93% **Moisture** 85.07%

Description (%DM unless specified)	Dry Matter		
	Basis	Grasses (silage)	
		60 dy Avg	4 yr Avg
Crude Protein	16.26	14.43	13.70
Soluble Protein, %CP	34.01		45.08
Avail. Crude Protein	15.82		
ADICP	0.44	0.99	0.99
NDICP	3.24		2.33
ADICP %CP	2.71		
ADF	24.34	39.85	38.08
aNDF	37.98	56.77	56.60
aNDFom	34.88	53.45	55.71
RUP as % crude protein	19.53		
Calcium	0.78	0.76	0.63
Phosphorus	0.33	0.26	
Magnesium	0.25	0.27	
Potassium	2.79	2.12	2.41
Sulfur	0.17	0.19	0.19
Fat (EE)	3.12	2.89	2.37
Ash	8.60	10.77	9.26
Lignin	2.31	7.15	4.97
Sugar (ESC)	15.42	4.21	5.27
Sugar (WSC)	16.32		
Starch	5.25	1.86	1.00
<b>Fermentation Products</b>			
Lactic Acid	0.11	2.76	
Acetic Acid	0.11	0.93	
Butyric Acid	0.13	0.35	
Ammonia -N CP Equivalent	1.12	1.41	
Ammonia -N, %CP	6.86	9.80	
pH	5.10		4.60
<b>NDF Digest. (% of NDF): Traditional=Goering &amp; Van Soest Method, Standardized=Combs-Goeser Method</b>			
Traditional NDFD 30, %NDF	65.72	43.72	50.98
Traditional NDFD 48, %NDF	91.44	59.60	62.06
Standardized NDFD 24, %NDF	45.76	22.67	31.04
Standardized NDFD 30, %NDF	55.79	29.19	37.93
Standardized NDFD 48, %NDF	82.91	49.57	54.54
NDFD 120, %NDF	96.58	58.69	
NDFD 240, %NDF	98.60		
uNDF30	13.02		
uNDF240	0.53		17.10
<b>Calculations</b>			
TTNDFD, %NDF	70.56	42.20	45.25
TTNDFD Deviation, %NDF	25.31		
RFQ	259		
Dynamic NDF Kd (using 24,30,48,240 hr) %/hr	6.58	5.43	4.83
RFV	171		100
NFC	37.28		
<b>Milk 2006 Energy calculated using 30h Trad NDFD</b>			
TDN 1X	69.44		
NEL 3x, Mcal/lb	0.738		
NEG, Mcal/lb	0.504		
NEM, Mcal/lb	0.785		
Milk/Ton, lb	3603		



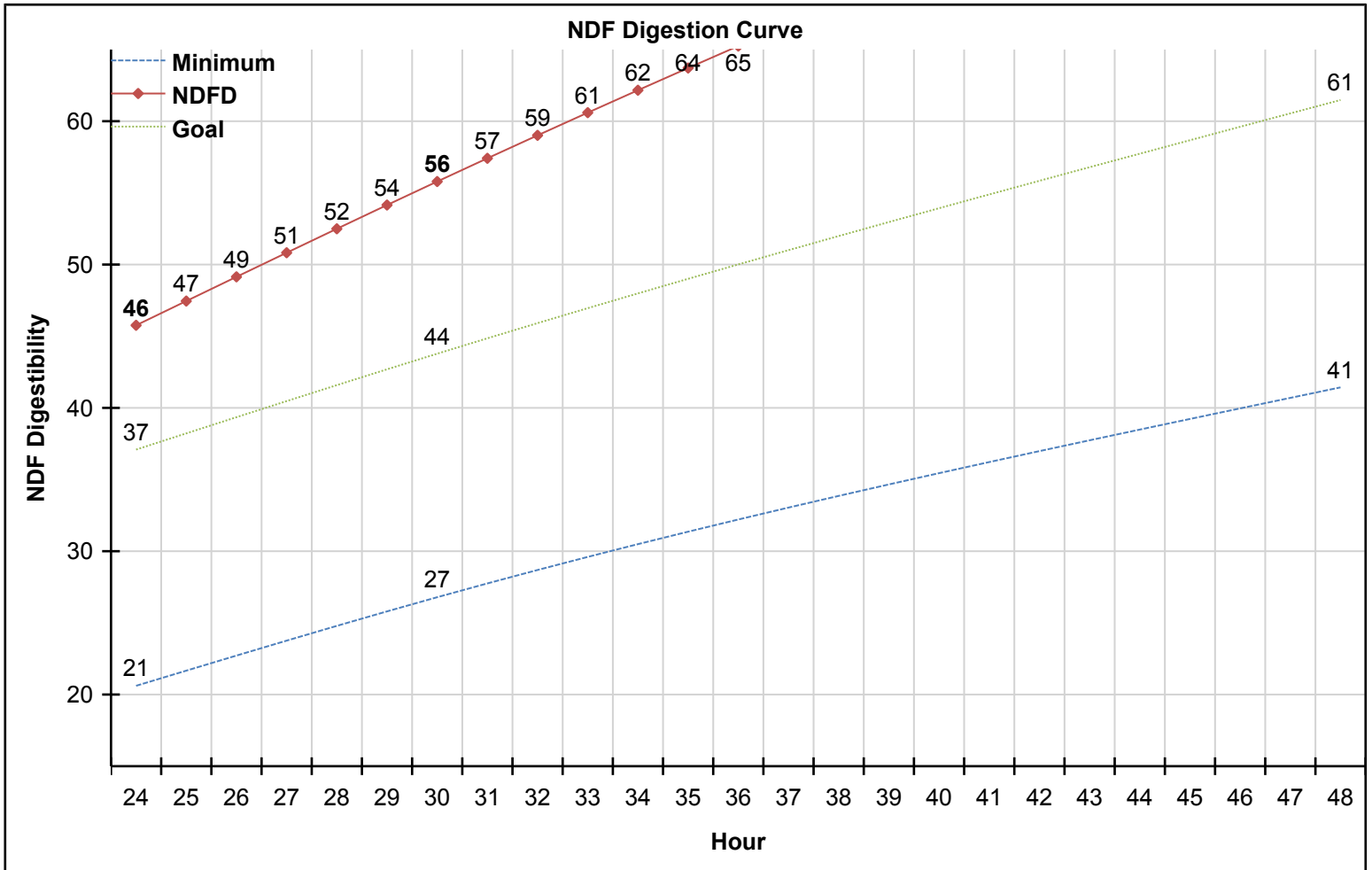
ATTAIN ARG 2016, Bag  
Research Oakley Farms

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\*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).

**Consultant Comments:** Oakley Farms Attain- 4/25



**aNDF (w/NaSO<sub>3</sub>) %DM = 38.0**

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

# Feed Analysis Report

ATTAIN ARG 2016, Bag, 2nd Crop  
Research Oakley Farms

**Dry Matter** 14.02% **Moisture** 85.98%

Description (%DM unless specified)	Dry Matter Basis	This Feed Avg (N=2)	Grasses (silage)	
			60 dy Avg	4 yr Avg
Dry Matter		14.48		
Crude Protein	15.51	15.89	13.95	13.70
Soluble Protein, %CP	27.66	30.83		45.08
Avail. Crude Protein	15.04			
ADICP	0.47	0.46	0.84	0.99
NDICP	2.89	3.07		2.33
ADICP %CP	3.03			
ADF	27.17	25.76	35.87	38.08
aNDF	42.73	40.36	53.07	56.60
aNDFom	40.30	37.59	50.15	55.71
RUP as % crude protein	22.36			
Calcium	0.53	0.66	0.66	0.63
Phosphorus	0.35	0.34	0.29	
Magnesium	0.26	0.26	0.24	
Potassium	2.76	2.78	2.28	2.41
Sulfur	0.17	0.17	0.18	0.19
Fat (EE)	3.04	3.08	2.87	2.37
Ash	8.68	8.64	9.02	9.26
Lignin	3.22	2.76	5.98	4.97
Sugar (ESC)	14.56	14.99	7.38	5.27
Sugar (WSC)	15.23	15.77		
Starch	4.41	4.83	2.61	1.00
<b>Fermentation Products</b>				
Lactic Acid	0.11	0.11	2.41	
Acetic Acid	0.11	0.11	0.53	
Butyric Acid	0.03	0.08	0.18	
Ammonia -N CP Equivalent	1.01	1.06	1.23	
Ammonia -N, %CP	6.50	6.85	8.83	
pH	5.30			4.60
<b>NDF Digest. (% of NDF): Traditional=Goering &amp; Van Soest Method, Standardized=Combs-Goeser Method</b>				
Traditional NDFD 30, %NDF	67.24	66.48	51.55	50.98
Traditional NDFD 48, %NDF	89.07	90.26	66.94	62.06
Standardized NDFD 24, %NDF	46.13		28.97	31.04
Standardized NDFD 30, %NDF	56.21	56.00	35.85	37.93
Standardized NDFD 48, %NDF	79.62	81.26	58.01	54.54
NDFD 120, %NDF	85.23	90.91	70.26	
NDFD 240, %NDF	89.75	94.17		
uNDF30	14.00	13.51		
uNDF240	4.38	2.46		17.10
<b>Calculations</b>				
TTNDFD, %NDF	68.06	69.31	48.46	45.25
TTNDFD Deviation, %NDF	22.81			
RFQ	227			
Dynamic NDF Kd (using 24,30,48,240 hr) %/hr	7.49	7.04	5.57	4.83
RFV	147			100
NFC	32.93			
<b>Milk 2006 Energy calculated using 30h Trad NDFD</b>				
TDN 1X	67.79			
NEL 3x, Mcal/lb	0.710			
NEG, Mcal/lb	0.479			
NEM, Mcal/lb	0.756			
Milk/Ton, lb	3437			

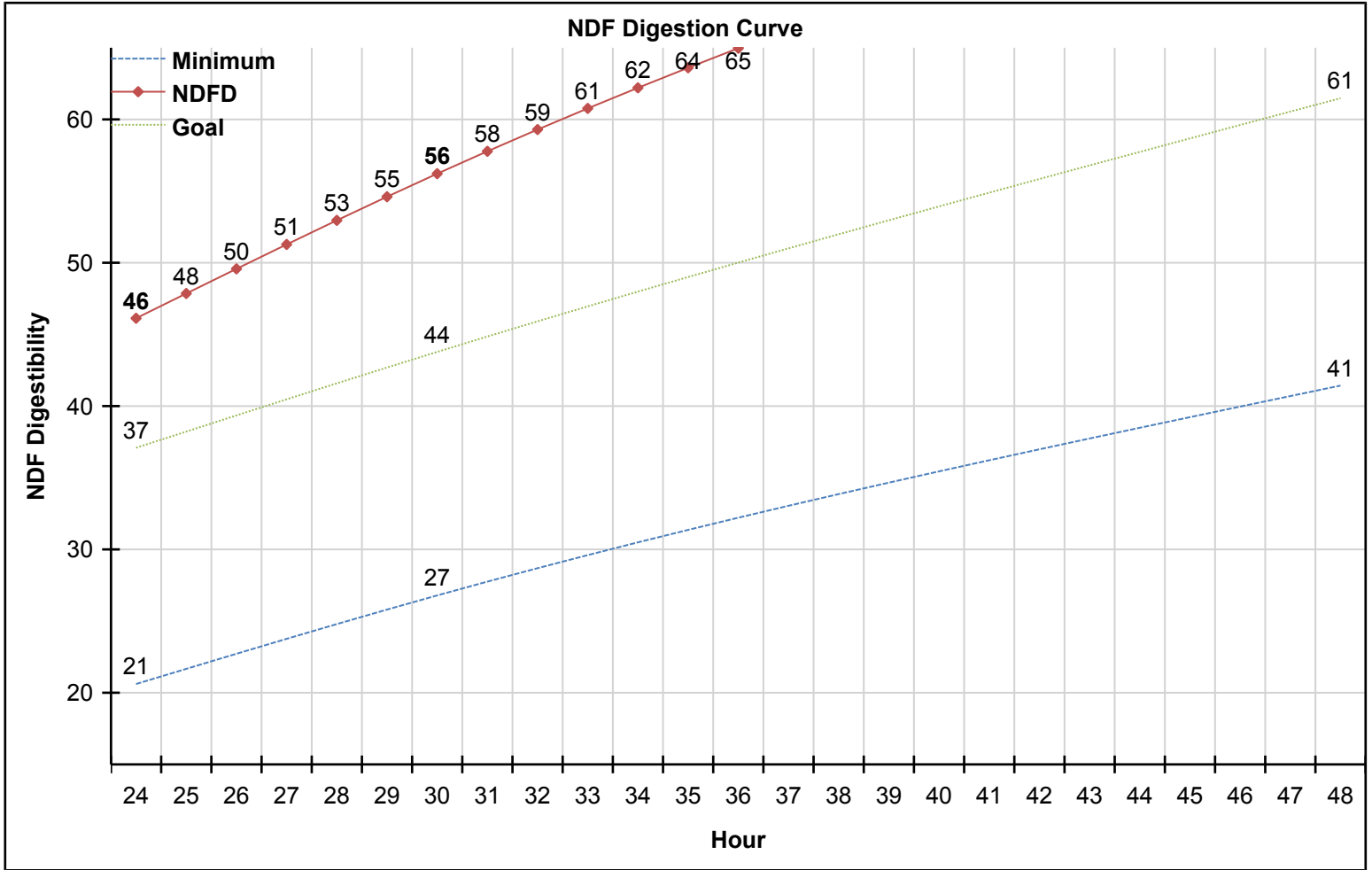
ATTAIN ARG 2016, Bag, 2nd Crop  
Research Oakley Farms

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This Feed Avg lab numbers: 3219361.

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**Consultant Comments:** Attain 5/19/16 Oakley Farm



**aNDF (w/NaSO3) %DM = 42.7**

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