

Dynamic CNCPS on Corn Silage

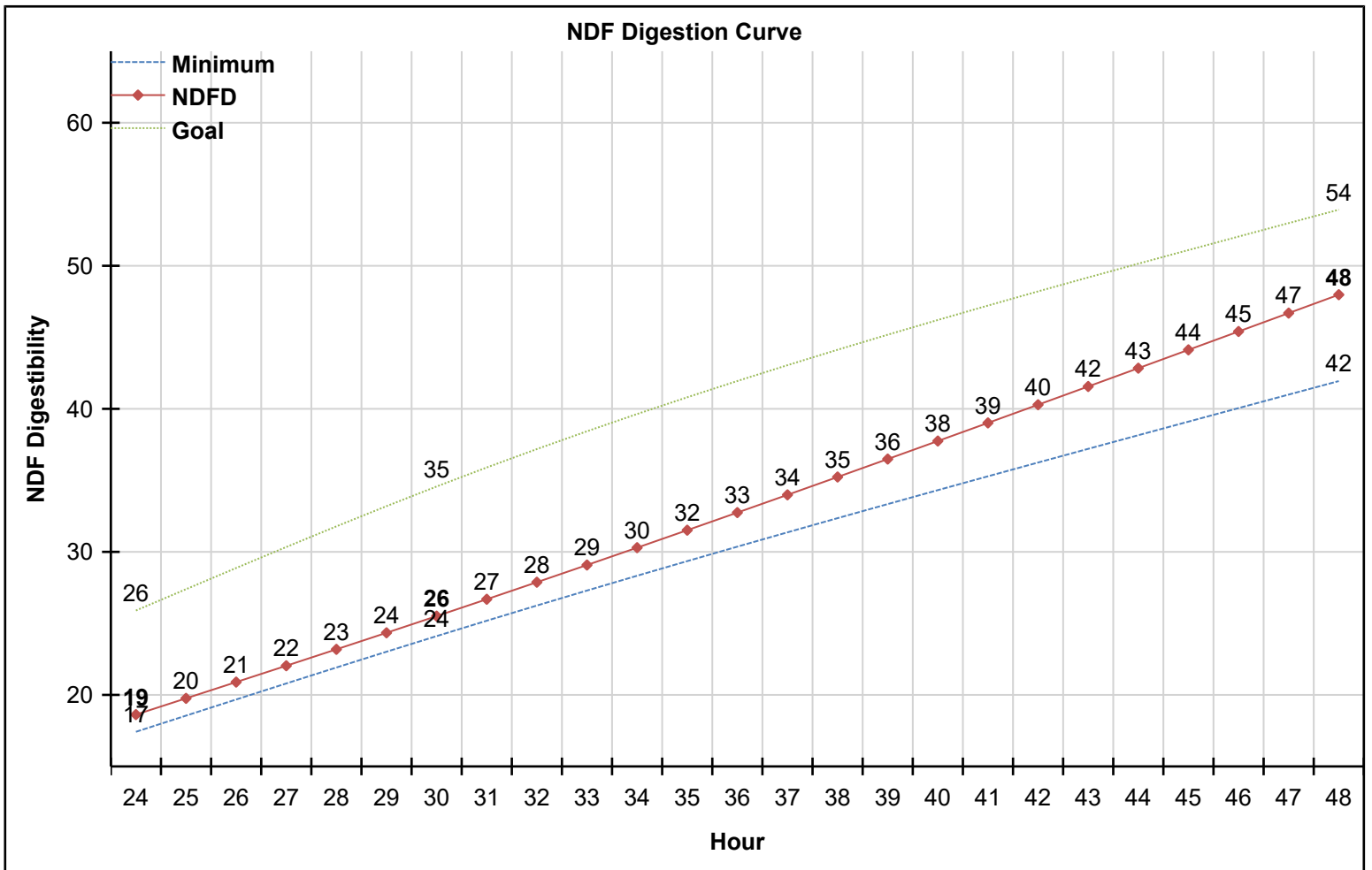
Corn Silage 2015

Dry Matter 29.91% **Moisture** 70.09%

Description (%DM unless specified)	Dry Matter Basis	This Feed Avg (N=3)	Corn silage	
			60 dy Avg	4 yr Avg
Crude Protein	8.23	8.16	7.75	7.64
Soluble Protein, %CP	70.96	72.44		65.08
ADICP	0.86	0.77	0.72	0.59
NDICP	1.02	0.89		0.87
ADF	28.61	28.62	25.20	
aNDF	45.75	45.79	40.89	44.42
aNDFom	43.92	43.92	39.02	40.61
Calcium	0.23	0.22	0.21	0.21
Phosphorus	0.22	0.23	0.22	
Magnesium	0.16	0.15	0.16	
Potassium	1.31	1.35	1.18	0.88
Sulfur	0.11	0.11	0.11	0.10
Fat (EE)	2.31	2.23	2.44	2.37
Ash	5.89	5.88	5.56	4.22
Lignin	3.08	3.18	2.54	2.56
Sugar (ESC)	1.04	1.01	1.31	1.69
Sugar (WSC)	2.06			
Starch	25.61	25.83	30.61	31.29
Fermentation Products				
Lactic Acid	7.25	6.59	6.77	
Acetic Acid	4.02	4.46	3.85	
Butyric Acid	0.15	0.17	0.11	
Ammonia -N CP Equivalent	1.01	0.82	0.70	
Ammonia -N, %CP	12.28	10.01	8.99	
pH	3.92			4.48
CNCPS Inputs				
NDFD 30, %NDF	51.28	51.17	50.76	51.68
NDFD 120, %NDF	58.82	58.59	59.37	74.59
NDFD 240, %NDF	72.31	72.16		80.41
uNDF240	12.67	12.75		8.70
in situ Rumen Starch D 7hr, % of Starch	74.18	75.00		77.00
Calculations				
TTNDFD, %NDF	41.72	40.64	39.91	44.00
TTNDFD Deviation, %NDF	-2.28			
Dynamic NDF Kd (using 24,30,48,240 hr) %/hr	4.39	4.25	3.88	4.26
Dynamic Starch Kd (using 3,7 hr) %/hr	18.75			
Milk 2006 Energy calculated using avg of 30h Std NDFD, compared to lab avg = 26.07				
TDN 1X	67.51			
NEL 3x, Mcal/lb	0.656			
NEG, Mcal/lb	0.475			
NEM, Mcal/lb	0.751			
Milk/Ton, lb	3000			

This Feed Avg lab numbers: 2234865,2234196.

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



aNDF (w/NaSO₃) %DM = 45.8

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