

NIR NDFD 30h Digestibility on Corn Silage
Dry Matter 35.76% Moisture 64.24%

Description (%DM unless specified)	Dry Matter	Corn silage	
	Basis	60 dy Avg	4 yr Avg
Crude Protein	8.21	7.77	7.65
Soluble Protein, %CP	63.58		46.88
Avail. Crude Protein	7.41		
ADICP	0.80	0.73	0.66
NDICP	1.02		1.19
ADICP %CP	9.74		
ADF	23.31	23.94	
aNDF	36.27	38.61	44.40
aNDFom	34.73	37.29	40.41
Calcium	0.23	0.21	0.23
Phosphorus	0.22	0.21	
Magnesium	0.18	0.15	
Potassium	0.92	0.94	0.92
Sulfur	0.10	0.10	0.11
Fat (EE)	2.68	2.55	2.12
Ash	4.06	4.15	4.13
Lignin	3.55	3.53	2.77
Lignin (calc. using 120h uNDF)	6.10		
Sugar (ESC)	0.84	1.30	1.35
Sugar (WSC)	3.07		
Starch	31.83	32.51	32.57
pH	3.61		4.36
NDF Digest. (% of NDF): Traditional=Goering & Van Soest Method, Standardized=Combs-Goeser Method			
NDFD 30, %NDF	52.61	50.30	54.06
Standardized NDFD 30, %NDF	26.77	24.48	29.08
NDFD 120, %NDF	59.61	61.05	
NDFD 240, %NDF	71.91		
uNDF240	10.19		8.70
Calculations			
Dynamic NDF Kd (using 24,30,48 hr) %/hr	4.06	3.82	
NFC	49.80		
Milk 2006 Energy calculated using avg of 30h Std NDFD, compared to lab avg = 26.07			
TDN 1X	71.22		
NEL 3x, Mcal/lb	0.696		
NEG, Mcal/lb	0.532		
NEM, Mcal/lb	0.816		
Milk/Ton, lb	3274		
Milk 2006 Energy calculated using avg of 30h Trad NDFD, compared to lab avg = 58			
TDN 1X	68.75		
NEL 3x, Mcal/lb	0.680		
NEG, Mcal/lb	0.494		
NEM, Mcal/lb	0.773		
Milk/Ton, lb	3125		

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