



FORAGE TESTING LABORATORY

DAIRY ONE, INC.
 730 WARREN ROAD
 ITHACA, NEW YORK 14850
 607-257-1272 (fax 607-257-1350)

Sample Description	Farm Code	Sample
LEGUME HAY	100	23086060
81850 ALFALFA		

Analysis Results

Sampled	Recvd	Printed	ST	CO
	09/21/16	09/22/16		

81850 ALFALFA
 WESTERN ONE AGRICULTURAL
 PO BOX 10068
 VALDOSTA, GA 31604-0068

Components	As Fed	DM
% Moisture	9.4	
% Dry Matter	90.6	
% Crude Protein	18.4	20.3
% Available Protein	17.2	18.9
% ADICP	1.3	1.4
% Adjusted Crude Protein	18.4	20.3
Soluble Protein % CP		48
Degradable Protein%CP		77
% NDICP	2.6	2.8
% ADF	25.5	28.2
% aNDF	33.0	36.5
% Lignin	6.9	7.6
% NFC	29.4	32.5
% Starch	1.7	1.9
% WSC (Water Sol. Carbs.)	9.6	10.6
% ESC (Simple Sugars)	8.0	8.9
% Crude Fat	2.5	2.7
% Ash	7.27	8.02
% TDN	57	62
NEL, Mcal/Lb	.60	.66
NEM, Mcal/Lb	.56	.62
NEG, Mcal/Lb	.32	.36
Relative Feed Value		171
% Calcium	1.19	1.31
% Phosphorus	.20	.22
% Magnesium	.35	.39
% Potassium	1.93	2.13
% Sulfur	.29	.32
% Chloride Ion	.53	.58
% Lysine	.94	1.03
% Methionine	.29	.32
Horse DE, Mcal/Lb	1.09	1.20

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.31	2.88
ME, 1X	1.11	2.46
NEL, 3X	0.64	1.41
NEM, 3X	0.67	1.48
NEG, 3X	0.40	0.89
TDN1X, %	62	