



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 | 22844150 |

#1 ALFALFA

Analysis Results

Sampled | Recvd | Printed | ST | CO |  
 | 07/19/16 | 07/19/16 | | |

#1 ALFALFA  
 PREMIER AG PRODUCTS  
 GLEN MCWILLIAMS  
 145 S WHITLEY GARDENS DR  
 PASO ROBLES, CA 93446

Components | As Fed | DM |

% Moisture	8.6	
% Dry Matter	91.4	
% Crude Protein	18.1	19.8
% Available Protein	16.9	18.5
% ADICP	1.2	1.3
% Adjusted Crude Protein	18.1	19.8
Soluble Protein % CP		47
Degradable Protein % CP		76
% NDICP	3.3	3.6
% ADF	31.0	33.9
% aNDF	38.7	42.3
% Lignin	8.1	8.8
% NFC	24.3	26.6
% Starch	.4	.5
% WSC (Water Sol. Carbs.)	6.6	7.2
% ESC (Simple Sugars)	6.1	6.7
% Crude Fat	2.3	2.5
% Ash	8.11	8.87
% TDN	53	58
NEL, Mcal/Lb	.55	.60
NEM, Mcal/Lb	.50	.55
NEG, Mcal/Lb	.26	.29
Relative Feed Value		137
% Calcium	1.18	1.29
% Phosphorus	.26	.28
% Magnesium	.34	.37
% Potassium	1.79	1.96
% Sulfur	.28	.31
% Chloride Ion	.70	.77
% Total Nitrogen	2.90	3.17
% Lysine	.92	1.01
% Methionine	.28	.31
Horse DE, Mcal/Lb	1.01	1.10

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.22	2.69
ME, 1X	1.03	2.27
NEL, 3X	0.58	1.28
NEM, 3X	0.61	1.34
NEG, 3X	0.35	0.77
TDN1X, %	58	