

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	29420040
ALFALFA AZ-A3-23-1			

Analysis Results

Sampled	Recvd	Printed	ST	CO
	08/01/23	08/01/23		

JAMBACK FARMS
 Hunter McDonald
 3803 Big Springs Road
 Maryville, TN 37801

Components	As Fed	DM
% Moisture	9.7	
% Dry Matter	90.3	
% Crude Protein	19.2	21.3
% Available Protein	18.1	20.0
% ADICP	1.2	1.3
% Adjusted Crude Protein	19.2	21.3
Soluble Protein % CP		38
Degradable Protein%CP		76
% NDICP	2.4	2.7
% ADF	27.4	30.3
% aNDF	34.2	37.9
% Lignin	5.9	6.5
% NFC	25.3	28.1
% Starch	.6	.7
% WSC (Water Sol. Carbs.)	6.4	7.1
% ESC (Simple Sugars)	6.2	6.9
% Crude Fat	2.2	2.5
% Ash	9.32	10.32
% TDN	55	61
NEL, Mcal/Lb	.58	.64
NEM, Mcal/Lb	.53	.59
NEG, Mcal/Lb	.30	.33
Relative Feed Value		160
% Calcium	1.10	1.22
% Phosphorus	.23	.26
% Magnesium	.33	.37
% Potassium	2.42	2.68
% Sulfur	.34	.38
% Chloride Ion	1.13	1.25
% Lysine	.98	1.08
% Methionine	.30	.33
Horse DE, Mcal/Lb	1.02	1.13

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.28	2.82
ME, 1X	1.09	2.40
NEL, 3X	0.62	1.37
NEM, 3X	0.65	1.44
NEG, 3X	0.39	0.85
TDN1X, %	61	