



**FORAGE LABORATORY**

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DATE SAMPLED	LAB RECEIVED	DATE PRINTED	LAB USE
	02/13/14	02/14/14	.919
ADDITIONAL DESCRIPTIONS			
LOT D ALFALFA			

JOHN A FARMER  
 123 STREET  
 SOMEWHERE, NY 12345

ENERGY TABLE - NRC 2001		
	Mcal/Lb	Mcal/Kg
DE, 1X	1.25	2.75
ME, 1X	1.05	2.32
NEL, 3X	0.60	1.32
NEM, 3X	0.63	1.39
NEG, 3X	0.37	0.81
TDN1X, %	59	

KIND DESCRIPTION	CODE	LAB SAMPLE
LEGUME HAY	100	3046940
DESCRIPTION 1		
CNCPS		
<b>ANALYSIS RESULTS</b>		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Dry Matter	91.9	
% Neutral Detergent Fiber	36.9	40.2
Lignin % NDF		15.9
% Crude Protein	18.7	20.4
% Crude Fat	2.3	2.5
% Ash	10.42	11.34
Soluble Protein % CP		47
NDICP % CP		14.7
ADICP % CP		6.1
% Calcium	1.13	1.23
% Phosphorus	.20	.22
% Magnesium	.20	.22
% Chloride Ion	.41	.45
% Potassium	1.50	1.63
% Sodium	.124	.135
% Sulfur	.21	.23
PPM Copper	11	12
PPM Iron	1,550	1,690
PPM Manganese	42	46
PPM Zinc	22	24
% Acid Detergent Fiber	28.2	30.7
% ADICP	1.1	1.2
% NDICP	2.7	3.0
% Lignin	5.9	6.4
% NFC	26.2	28.5
% TDN	58	63
NEL, Mcal/Lb	.61	.66
NEM, Mcal/Lb	.58	.63
NEG, Mcal/Lb	.33	.36
Relative Feed Value		150
% Moisture	8.1	
% Available Protein	17.6	19.2
% Adjusted Crude Protein	18.7	20.4
Degradable Protein%CP		73
% Starch	.9	1.0
% WSC (Water Sol. Carbs.)	8.5	9.3
% ESC (Simple Sugars)	6.5	7.1
PPM Molybdenum	1.1	1.2
IVTD 30hr, % of DM		78
NDFD 30hr, % of NDF		44
kd, %/hr		4.99
% Lysine	.95	1.04
% Methionine	.29	.32
Horse DE, Mcal/Lb	.99	1.08