



**FORAGE LABORATORY**

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DATE SAMPLED	LAB RECEIVED	DATE PRINTED	LAB USE
	11/06/17	11/07/17	.895
ADDITIONAL DESCRIPTIONS			
Reber Ranch			

REBER RANCH  
 28606 132ND AVE SE  
 KENT, WA 98042

ENERGY TABLE - NRC 2001		
	Mcal/Lb	Mcal/Kg
DE, 1X	1.29	2.84
ME, 1X	1.10	2.42
NEL, 3X	0.63	1.38
NEM, 3X	0.66	1.46
NEG, 3X	0.39	0.87
TDN1X, %	62	

RECEIVED  
 NOV 14 2017  
 BY: \_\_\_\_\_

KIND DESCRIPTION	CODE	LAB SAMPLE
LEGUME HAY	100	24315300
DESCRIPTION 1		
ALFALFA 4TH CUT		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	10.5	
% Dry Matter	89.5	
% Crude Protein	17.4	19.5
% Available Protein	16.2	18.2
% ADICP	1.2	1.3
% Adjusted Crude Protein	17.4	19.5
Soluble Protein % CP		53
Degradable Protein%CP		79
% NDICP	3.1	3.4
% ADF	25.7	28.7
% aNDF	30.4	34.0
% Lignin	6.5	7.3
% NFC	30.1	33.7
% Starch	.9	1.0
% WSC (Water Sol. Carbs.)	9.4	10.5
% ESC (Simple Sugars)	7.2	8.1
% Crude Fat	2.4	2.7
% Total Fatty Acids	1.41	1.57
% RUFAL	.64	.72
% Ash	9.07	10.13
% TDN	58	65
NEL, Mcal/Lb	.62	.69
NEM, Mcal/Lb	.58	.65
NEG, Mcal/Lb	.35	.39
Relative Feed Value		182
% Calcium	1.28	1.43
% Phosphorus	.17	.19
% Magnesium	.25	.28
% Potassium	2.21	2.47
% Sodium	.051	.057
PPM Iron	235	263
PPM Zinc	19	22
PPM Copper	10	11
PPM Manganese	30	34
PPM Molybdenum	1.1	1.3
% Sulfur	.27	.30
% Chloride Ion	.19	.21
IVTD 30hr, % of DM		78
NDFD 30hr, % of NDF		35
kd, %/hr		4.29
% Lysine	.89	.99
% Methionine	.27	.30
Horse DE, Mcal/Lb	1.06	1.18