



FORAGE LABORATORY
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DATE SAMPLED	LAB RECEIVED	DATE PRINTED	LAB USE
	01/13/16	01/13/16	.906
ADDITIONAL DESCRIPTIONS			
ORCHARD ALFALFA 3 TIE DNV			

AGRI SALES USA, INC
 PO BOX 217
 MONTGOMERY, NY 12549

ENERGY TABLE - NRC 2001		
	Mcal/Lb	Mcal/Kg
DE, 1X	1.29	2.84
ME, 1X	1.10	2.42
NEL, 3X	0.63	1.39
NEM, 3X	0.66	1.46
NEG, 3X	0.39	0.87
TDN1X, %	62	

4005

KIND DESCRIPTION	CODE	LAB SAMPLE
MMG HAY	102	22360970
DESCRIPTION 1		
ORCHARD ALFALFA 3 TIE DNV		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	9.4	
% Dry Matter	90.6	
% Crude Protein	16.8	18.5
% Available Protein	15.9	17.6
% ADICP	.9	1.0
% Adjusted Crude Protein	16.8	18.5
Soluble Protein % CP		46
Degradable Protein%CP		71
% NDICP	4.0	4.5
% ADF	26.9	29.7
% aNDF	40.2	44.3
% Lignin	4.5	5.0
% NFC	20.2	22.3
% Starch	.3	.4
% WSC (Water Sol. Carbs.)	12.0	13.2
% ESC (Simple Sugars)	8.3	9.2
% Crude Fat	3.3	3.6
% Ash	10.18	11.23
% TDN	61	67
NEL, Mcal/Lb	.63	.69
NEM, Mcal/Lb	.62	.68
NEG, Mcal/Lb	.38	.41
Relative Feed Value		138
% Calcium	.72	.79
% Phosphorus	.23	.25
% Magnesium	.27	.30
% Potassium	2.95	3.25
% Sulfur	.29	.32
% Chloride Ion	.63	.69
IVTD 48hr, % of DM		81
NDFD 48hr, % of NDF		58
kd, %/hr		3.04
Relative Forage Quality		148
Milk Lbs./Ton of DM		3402
% Lysine	.65	.72
% Methionine	.23	.25
Horse DE, Mcal/Lb	.96	1.06