

FORAGE TESTING LABORATORY
 DAIRY ONE, INC.
 730 WARREN ROAD
 ITHACA, NEW YORK 14850
 607-257-1272 (fax 607-257-1350)

 |Sampled | Recvd |Printed |ST|CO|
 | | |01/19/16|01/20/16| | |

ORCHARD 1ST CUT 3 X 4
 Agri Sales USA, Inc
 PO Box 217
 Montgomery, NY 12549

 ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.37	3.02
ME, 1X	1.18	2.60
NEL, 3X	0.68	1.51
NEM, 3X	0.72	1.58
NEG, 3X	0.45	0.98
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TDN1X, %	66	

Sample Description	Farm	Code	Sample
GRASS SILAGE		303	22375880

ORCHARD 1ST CUT WRAPPED 3 X 4			

Analysis Results			

Components	As Fed	DM	

% Moisture	29.0		
% Dry Matter	71.0		
% Crude Protein	10.1	18.3	
% Available Protein	9.9	18.0	
% ADICP	.2	.3	
% Adjusted Crude Protein	10.1	18.3	
Soluble Protein % CP		42	
Ammonia % Sol. Prot.		6	
Degradable Protein%CP		71	
% NDICP	2.3	4.2	
% ADF	17.4	31.6	
% aNDF	30.6	55.6	
% Lignin	1.8	3.3	
% NFC	7.5	13.7	
% Starch	.2	.4	
% WSC (Water Sol. Carbs.)	6.5	11.9	
% ESC (Simple Sugars)	4.6	8.3	
% Crude Fat	2.4	4.3	
% Ash	4.46	8.12	
% TDN	39	71	
NEL, Mcal/Lb	.37	.68	
NEM, Mcal/Lb	.40	.73	
NEG, Mcal/Lb	.25	.46	
Relative Feed Value		108	
% Calcium	.31	.57	
% Phosphorus	.20	.36	
% Magnesium	.12	.21	
% Potassium	1.31	2.38	
% Sulfur	.09	.16	
% Chloride Ion	.37	.68	
% Ammonia (Protein Equiv)	.25	.45	
% Lactic Acid	.14	.25	
% Acetic Acid	.14	.25	
VFA Score		1.27	
IVTD 48hr, % of DM		83	
NDFD 48hr, % of NDF		69	
kd, %/hr		3.08	
Relative Forage Quality		154	
Milk Lbs./Ton of DM		3,889	
% Lysine	.33	.60	
% Methionine	.12	.22	