



Dairy One

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.883

DATE SAMPLED	LAB RECEIVED	DATE PRINTED	STATE	CO	FARM
	09/11/07	09/11/07			

SIDEHILL BROADCAST 2

HEATHER DARBY
 UVM EXTENTION
 278 SO MAIN ST
 ST ALBANS, VT 05478

ENERGY TABLE - NRC 2001

Body Wt = 1350 Fat % = 3.7 Tprot % = 3.1

Milk, Lb	NEL		Milk, Kg
	Mcal/Lb	Mcal/Kg	
Dry	0.98	2.16	Dry
40	0.94	2.07	18
60	0.91	2.00	27
80	0.86	1.90	36
100	0.81	1.79	45
120+	0.76	1.67	54+
NEM3X	0.95	2.10	
NEG3X	0.65	1.43	
ME1X	1.52	3.35	
DE1X	1.71	3.76	
TDN1X,%	84		

COMMENTS:

1.NRC ENERGIES - SMALL BREEDS - DO NOT USE
 ENERGIES BEYOND 80 LBS. MILK. LARGE
 BREEDS - USE 120 LB. ENERGY WITH EXTREME
 CAUTION.

SAMPLE DESCRIPTION	FARM	CODE	LAB SAMPLE
SMALL GRAINS/CORN, DRY		484	11504460
ANALYSIS RESULTS			
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS	
% Moisture	11.7		
% Dry Matter	88.3		
% Crude Protein	14.6	16.5	
% Available Protein	14.3	16.2	
% ADICP	.3	.3	
% Adjusted Crude Protein	14.6	16.5	
Soluble Protein % CP		27	
Degradable Protein %CP		68	
% NDICP	1.8	2.0	
% Acid Detergent Fiber	3.8	4.3	
% Neutral Detergent Fiber	10.5	11.9	
% Lignin	1.4	1.6	
% NFC	61.5	69.7	
% Starch	53.3	60.4	
% Crude Fat	1.8	2.0	
% Ash	1.69	1.91	
% TDN	74	84	
NEL, Mcal/Lb	.78	.89	
NEM, Mcal/Lb	.83	.94	
NEG, Mcal/Lb	.56	.64	
% Calcium	.06	.07	
% Phosphorus	.38	.43	
% Magnesium	.12	.14	
% Potassium	.38	.43	
% Sulfur	.16	.18	
Horse TDN, %	77	87	
Horse DE, Mcal/lb	1.54	1.74	
% Lysine	< .01	< .01	
% Methionine	< .01	< .01	