



FORAGE LABORATORY
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.916

DATE SAMPLED	LAB RECEIVED	DATE PRINTED	STATE	CO	FARM
	08/05/03	08/06/03			

THIRD CUTTING

JOHN AND JULIE FARMER
 730 WARREN ROAD
 ITHACA, NY 14850

ENERGY TABLE - NRC 2001

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

Milk, Lb	NEL Mcal/Lb	NEL Mcal/Kg	Milk, Kg
Dry	0.69	1.52	Dry
40	0.66	1.45	18
60	0.63	1.40	27
80	0.60	1.33	36
100	0.56	1.24	45
120+	0.52	1.15	54+
NEM3X	0.67	1.47	
NEG3X	0.40	0.88	
ME1X	1.11	2.44	
DE1X	1.30	2.86	
TDN1X,%	61		

COMMENTS:

- 1.NRC ENERGIES - SMALL BREEDS - DO NOT USE ENERGIES BEYOND 80 LBS. MILK. LARGE BREEDS - USE 120 LB. ENERGY WITH EXTREME CAUTION.
- 2.HORSE ENERGIES CONFORM TO THE 1989 NRC NUTRIENT REQUIREMENTS OF HORSES.

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SAMPLE DESCRIPTION	FARM	CODE	LAB SAMPLE
LEGUME HAY		100	1005020
CPM PRINT FORMAT			
ANALYSIS RESULTS			
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS	
% Dry Matter	91.6		
% Neutral Detergent Fiber	31.7		34.6
% Crude Protein	21.2		23.1
Soluble Protein % CP			38
ADICP % CP			5.6
% Crude Fat	2.3		2.5
% Ash	10.28		11.22
Lignin % NDF			19.1
NDICP % CP			14.7
% Calcium	1.32		1.44
% Phosphorus	.30		.33
% Magnesium	.27		.30
% Potassium	2.88		3.15
% Sulfur	.32		.35
% Sodium	.073		.080
PPM Iron	375		410
PPM Zinc	21		23
PPM Copper	6		7
PPM Manganese	21		23
% Acid Detergent Fiber	25.0		27.3
% ADICP	1.2		1.3
% NDICP	3.1		3.4
% Lignin	6.0		6.6
% NFC	29.3		32.0
% NSC	10.4		11.3
% TDN	56		61
NEL, (Mcal/Lb)	.60		.65
NEM, (Mcal/Lb)	.55		.60
NEG, (Mcal/Lb)	.31		.34
Relative Feed Value			182
% Moisture	8.4		
% Available Protein	20.0		21.8
% Adjusted Crude Protein	21.2		23.1
Degradable Protein %CP			66
% Starch	2.4		2.6
% Sugar	8.0		8.7
PPM Molybdenum	1.8		2.0
Horse TDN, %	58		64
Horse DE, Mcal/lb	1.17		1.27