



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	1005040
NRC PRINT FORMAT			
ANALYSIS RESULTS			
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS	
% TDN1X		61	
DE Mcal/kg		2.86	
% DM	91.6		
% Neutral Detergent Fiber	31.7	34.6	
% Acid Detergent Fiber	25.0	27.3	
% Lignin	6.0	6.6	
% Crude Protein	21.2	23.1	
% NDICP	3.1	3.4	
% ADICP	1.2	1.3	
A % CP		41.90	
B % CP		49.20	
C % CP		8.90	
Kd CP		16.60	
% Crude Fat	2.3	2.5	
% Ash	10.28	11.22	
% Calcium	1.32	1.44	
% Phosphorus	.30	.33	
% Magnesium	.27	.30	
% Potassium	2.88	3.15	
% Sodium	.073	.080	
% Sulfur	.32	.35	
PPM Copper	6	7	
PPM Iron	375	410	
PPM Manganese	21	23	
PPM Zinc	21	23	
% NFC	29.3	32.0	
% NSC	10.4	11.3	
Relative Feed Value		182	
% Moisture	8.4		
% Available Protein	20.0	21.8	
% Adjusted Crude Protein	21.2	23.1	
Soluble Protein % CP		38	
Degradable Protein %CP		66	
% Starch	2.4	2.6	
% Sugar	8.0	8.7	
% TDN	56	61	
NEL, (Mcal/Lb)	.60	.65	
NEM, (Mcal/Lb)	.55	.60	
NEG, (Mcal/Lb)	.31	.34	
PPM Molybdenum	1.8	2.0	
Horse TDN, %	58	64	
Horse DE, Mcal/lb	1.17	1.27	