



# GHC LABS

MILK · FORAGE · SOIL · WATER · BIO TESTING

**GHC Labs**  
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Kraus Farms LLC  
 165 S 400 W  
 Rupert ID 83350

Sample Number: 170789  
 Lab Received Date: 10-27-17  
 Product Number: 100  
 Product Description: HAY  
 Sample Description: #4-1-17

<u>Components</u>	<u>As Sampled Basis</u>	<u>Dry Matter Basis</u>
% Moisture	13.4	
% Dry Matter	86.6	
% Crude Protein	18.3	21.1
Soluble Protein % CP		46
% ADICP	1.3	1.5
% NDICP	3.6	4.2
% Acid Detergent Fiber	23.9	27.6
% Neutral Detergent Fiber	31.1	35.9
% Lignin	5.4	6.3
% Ash	8.21	9.47
% Crude Fat	2.3	2.6
% WSC (Water Sol. Carbs.)	10.7	12.4
% Starch	1.3	1.5
kd, %/hr		4.99
% Calcium	1.10	1.28
% Phosphorus	.29	.34
% Magnesium	.37	.43
% Potassium	1.48	1.71
% Sulfur	.25	.28
% Chloride	.37	.42
IVTD 24hr % of DM		78
NDFD 24hr % of NDF		39
NDFD 30hr % of NDF		48
ADICP % CP		7.1
NDICP % CP		19.9
Lignin % NDF		17.5
Degradable Protein % CP		78
% ESC (Simple sugars)	7.7	8.9
% NFC	30.4	35.1
% TDN	55	63
CA 90% TDN	56	
NEL 1x, Mcal/lb	.63	.72
NEL 3x, Mcal/lb	.58	.67
NEM, Mcal/lb	.54	.63
NEG, Mcal/lb	.32	.36
Relative Feed Value		175
RFQ 48		180