



# 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: 170790  
 Lab Received Date: 10-27-17  
 Product Number: 100  
 Product Description: HAY  
 Sample Description: #4-2-17

<u>Components</u>	<u>As Sampled Basis</u>	<u>Dry Matter Basis</u>
% Moisture	13.3	
% Dry Matter	86.7	
% Crude Protein	18.5	21.4
Soluble Protein % CP		48
% ADICP	1.3	1.5
% NDICP	3.6	4.2
% Acid Detergent Fiber	23.9	27.5
% Neutral Detergent Fiber	29.4	33.8
% Lignin	4.9	5.7
% Ash	9.68	11.16
% Crude Fat	2.6	3.0
% WSC (Water Sol. Carbs.)	11.4	13.2
% Starch	1.7	1.9
kd, %/hr		4.88
% Calcium	1.07	1.24
% Phosphorus	.28	.32
% Magnesium	.33	.38
% Potassium	1.67	1.92
% Sulfur	.27	.31
% Chloride	.39	.45
IVTD 24hr % of DM		79
NDFD 24hr % of NDF		39
NDFD 30hr % of NDF		50
ADICP % CP		6.9
NDICP % CP		19.7
Lignin % NDF		16.8
Degradable Protein % CP		77
% ESC (Simple sugars)	8.0	9.2
% NFC	30.2	34.8
% TDN	55	63
CA 90% TDN	56	
NEL 1x, Mcal/lb	.64	.73
NEL 3x, Mcal/lb	.59	.68
NEM, Mcal/lb	.55	.64
NEG, Mcal/lb	.32	.37
Relative Feed Value		185
RFQ 48		199