

NIR Plus

Client: Gourley Farms  
 Description: FHG 2nd  
 Feed Type: Timothy Hay  
 Sample #: 203774

Date Tested 4/15/2026  
 Reported 4/15/2026  
 Sampled 4/9/2026

Nutrient	Dry Basis	
Moisture	9.67	%
Dry_Matter	90.33	%
<b>Protein</b>		
CP	14.57	%DM
AD-ICP	5.15	%CP
ND-ICP w/SS	17.16	%CP
Protein Sol	36.03	%CP
<b>Fiber</b>		
ADF	37.67	%DM
aNDF	58.07	%DM
aNDFom	54.67	%DM
Lignin (Sulfuric Acid)	3.88	%DM
NDFD12	41.19	%NDFom
NDFD30	62.47	%NDFom
NDFD120	72.89	%NDFom
NDFD240	76.11	%NDFom
uNDFom12	32.15	%DM
uNDFom30	20.52	%DM
uNDFom120	14.82	%DM
uNDFom240	13.06	%DM
<b>Carbohydrates and Fat</b>		
ESC(Sugar)	6.93	%DM
WSC(Sugar)	8.66	%DM
Starch	0.25	%DM
Crude Fat (EE)	3.40	%DM
Total Fatty Acids (TFA)	1.42	%DM
16:0 Palmitic	21.83	%TFA
18:0 Stearic	3.52	%TFA
18:1 Oleic	4.23	%TFA
18:2 Linoleic	9.86	%TFA
18:3 Linolenic	58.45	%TFA
<b>Minerals</b>		
Ash	11.80	%DM
Calcium	0.47	%DM
Phosphorus	0.32	%DM
Magnesium	0.22	%DM
Potassium	2.90	%DM
Sulfur	0.23	%DM

**Qualitative**

**Calculations**

NFC	19.04	%DM
NSC	8.91	%DM
RFV	95.40	
RFQ	119.06	
Adj Crude Protein	14.57	%DM
TDN_OARDC	58.27	%DM
NEL3x_OARDC	0.59	Mcal/lb
NEG_OARDC	0.33	Mcal/lb
NEM_OARDC	0.59	Mcal/lb
Milk/Ton_Milk2013	2731.00	lb/ton DM
DOMI_Hay Equiv	907.00	lbs/ton
DOMI_As_Fed	1195.00	lbs/ton
California_TDN_90%dry	48.66	Hay equiv, %DM
Equine_TDN	44.83	%DM
MIR_NDF_kd	6.21	%/hr
Isoleucine	2.95	%CP
Leucine	5.83	%CP
Histidine	1.44	%CP
Total_Amino_Acids	10.31	%DM

# 3T-2nd Timothy