

NIR Plus

Client: Gourley Farms
 Description: P-CV 1st
 Feed Type: Alfalfa Hay
 Sample #: 203773

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

Nutrient	Dry Basis	
Moisture	13.05	%
Dry_Matter	86.95	%
Protein		
CP	21.00	%DM
AD-ICP	3.76	%CP
ND-ICP w/SS	6.57	%CP
Protein Sol	50.81	%CP
Fiber		
ADF	30.25	%DM
aNDF	38.66	%DM
aNDFom	37.25	%DM
Lignin (Sulfuric Acid)	5.57	%DM
NDFD12	39.70	%NDFom
NDFD30	48.35	%NDFom
NDFD120	52.86	%NDFom
NDFD240	53.56	%NDFom
uNDFom12	22.46	%DM
uNDFom30	19.24	%DM
uNDFom120	17.56	%DM
uNDFom240	17.30	%DM
Carbohydrates and Fat		
ESC(Sugar)	8.61	%DM
WSC(Sugar)	10.83	%DM
Starch	0.96	%DM
Crude Fat (EE)	2.88	%DM
Total Fatty Acids (TFA)	1.48	%DM
16:0 Palmitic	22.97	%TFA
18:0 Stearic	4.73	%TFA
18:1 Oleic	3.38	%TFA
18:2 Linoleic	16.22	%TFA
18:3 Linolenic	50.68	%TFA
Minerals		
Ash	10.89	%DM
Calcium	1.26	%DM
Phosphorus	0.37	%DM
Magnesium	0.35	%DM
Potassium	3.13	%DM
Sulfur	0.25	%DM

Qualitative

Calculations

NFC	29.76	%DM
NSC	11.79	%DM
RFV	157.21	
RFQ	164.17	
Adj Crude Protein	21.00	%DM
TDN_OARDC	61.63	%DM
NEL3x_OARDC	0.63	Mcal/lb
NEG_OARDC	0.40	Mcal/lb
NEM_OARDC	0.67	Mcal/lb
Milk/Ton_Milk2013	2856.00	lb/ton DM
DOMI_Hay Equiv	1202.00	lbs/ton
DOMI_As_Fed	1244.00	lbs/ton
California_TDN_90%dry	53.68	Hay equiv, %DM
Equine_TDN	51.71	%DM
MIR_NDF_kd	8.12	%/hr
Isoleucine	3.38	%CP
Leucine	5.81	%CP
Histidine	1.86	%CP
Total_Amino_Acids	16.50	%DM

3T-1st Alfalfa