

NIR Plus

 Client: Gourley Farms
 Description: CB 3rd
 Feed Type: Grass Hay
 Sample #: 208500

 Date Tested 8/25/2026
 Reported 8/25/2026
 Sampled 8/18/2026

Nutrient	Dry Basis	
Moisture	8.19	%
Dry_Matter	91.81	%
Protein		
CP	13.96	%DM
AD-ICP	4.66	%CP
ND-ICP w/SS	17.48	%CP
Protein Sol	37.46	%CP
Fiber		
ADF	34.13	%DM
aNDF	55.52	%DM
aNDFom	51.44	%DM
Lignin (Sulfuric Acid)	3.08	%DM
NDFD12	42.36	%NDFom
NDFD30	67.71	%NDFom
NDFD120	80.05	%NDFom
NDFD240	82.85	%NDFom
uNDFom12	29.65	%DM
uNDFom30	16.61	%DM
uNDFom120	10.26	%DM
uNDFom240	8.82	%DM
Carbohydrates and Fat		
ESC(Sugar)	8.95	%DM
WSC(Sugar)	11.23	%DM
Starch	0.25	%DM
Crude Fat (EE)	4.52	%DM
Total Fatty Acids (TFA)	1.80	%DM
16:0 Palmitic	20.00	%TFA
18:0 Stearic	4.44	%TFA
18:1 Oleic	4.44	%TFA
18:2 Linoleic	8.89	%TFA
18:3 Linolenic	60.00	%TFA
Minerals		
Ash	10.47	%DM
Calcium	0.50	%DM
Phosphorus	0.34	%DM
Magnesium	0.22	%DM
Potassium	2.99	%DM
Sulfur	0.24	%DM

Qualitative

Calculations

NFC	23.77	%DM
NSC	11.48	%DM
RFV	104.40	
RFQ	142.67	
Adj Crude Protein	13.96	%DM
TDN_OARDC	62.42	%DM
NEL3x_OARDC	0.64	Mcal/lb
NEG_OARDC	0.38	Mcal/lb
NEM_OARDC	0.65	Mcal/lb
Milk/Ton_Milk2013	3098.00	lb/ton DM
DOMI_Hay Equiv	1288.00	lbs/ton
DOMI_As_Fed	1314.00	lbs/ton
California_TDN_90%dry	51.06	Hay equiv, %DM
Equine_TDN	49.26	%DM
MIR_NDF_kd	6.05	%/hr
Isoleucine	3.51	%CP
Leucine	6.95	%CP
Histidine	1.65	%CP
Total_Amino_Acids	11.51	%DM

3rd Cutting Orchard / Meadow