

NIR Plus

 Client: Gourley Farms
 Description: Oupor Teff 2nd
 Feed Type: Grass Hay
 Sample #: 208201

 Date Tested: 8/18/2026
 Reported: 8/18/2026
 Sampled: 8/7/2026

Nutrient	Dry Basis	
Moisture	7.44	%
Dry_Matter	92.56	%
Protein		
CP	16.41	%DM
AD-ICP	3.05	%CP
ND-ICP w/SS	12.43	%CP
Protein Sol	37.90	%CP
Fiber		
ADF	36.64	%DM
aNDF	61.80	%DM
aNDFom	59.99	%DM
Lignin (Sulfuric Acid)	3.60	%DM
NDFD12	42.57	%NDFom
NDFD30	64.61	%NDFom
NDFD120	77.46	%NDFom
NDFD240	80.38	%NDFom
uNDFom12	34.45	%DM
uNDFom30	21.23	%DM
uNDFom120	13.52	%DM
uNDFom240	11.77	%DM
Carbohydrates and Fat		
ESC(Sugar)	6.24	%DM
WSC(Sugar)	7.92	%DM
Starch	0.73	%DM
Crude Fat (EE)	3.30	%DM
Total Fatty Acids (TFA)	1.40	%DM
16:0 Palmitic	20.00	%TFA
18:0 Stearic	2.86	%TFA
18:1 Oleic	4.29	%TFA
18:2 Linoleic	13.57	%TFA
18:3 Linolenic	57.14	%TFA
Minerals		
Ash	9.97	%DM
Calcium	0.54	%DM
Phosphorus	0.35	%DM
Magnesium	0.20	%DM
Potassium	2.53	%DM

Sulfur 0.25 %DM

Qualitative
Calculations

NFC	13.27	%DM
NSC	8.65	%DM
RFV	90.85	
RFQ	118.74	
TDN_OARDC	59.25	%DM
NEL3x_OARDC	0.60	Mcal/lb
NEG_OARDC	0.35	Mcal/lb
NEM_OARDC	0.62	Mcal/lb
Milk/Ton_Milk2013	2733.00	lb/ton DM
DOMI_Hay Equiv	1226.00	lbs/ton
DOMI_As_Fed	1261.00	lbs/ton
California_TDN_90%dry	49.36	Hay equiv, %DM
Equine_TDN	46.25	%DM
MIR_NDF_kd	5.81	%/hr
Isoleucine	2.44	%CP
Leucine	4.81	%CP
Histidine	1.16	%CP
Total_Amino_Acids	9.76	%DM