

NIR Plus

 Client: Gourley Farms
 Description: J-Teff 1st
 Feed Type: Grass Hay
 Sample #: 206985

 Date Tested: 7/20/2026
 Reported: 7/20/2026
 Sampled: 7/14/2026

Nutrient	Dry Basis	
Moisture	10.68	%
Dry_Matter	89.32	%
Protein		
CP	15.40	%DM
AD-ICP	2.73	%CP
ND-ICP w/SS	14.22	%CP
Protein Sol	38.90	%CP
Fiber		
ADF	38.04	%DM
aNDF	62.79	%DM
aNDFom	58.94	%DM
Lignin (Sulfuric Acid)	3.27	%DM
NDFD12	40.31	%NDFom
NDFD30	63.15	%NDFom
NDFD120	75.20	%NDFom
NDFD240	77.88	%NDFom
uNDFom12	35.18	%DM
uNDFom30	21.72	%DM
uNDFom120	14.62	%DM
uNDFom240	13.04	%DM
Carbohydrates and Fat		
ESC(Sugar)	5.54	%DM
WSC(Sugar)	7.08	%DM
Starch	0.59	%DM
Crude Fat (EE)	3.31	%DM
Total Fatty Acids (TFA)	1.35	%DM
16:0 Palmitic	20.00	%TFA
18:0 Stearic	2.96	%TFA
18:1 Oleic	4.44	%TFA
18:2 Linoleic	12.59	%TFA
18:3 Linolenic	57.78	%TFA
Minerals		
Ash	12.25	%DM
Calcium	0.52	%DM
Phosphorus	0.35	%DM
Magnesium	0.21	%DM
Potassium	2.71	%DM

Sulfur 0.26 %DM

Qualitative
Calculations

NFC	13.25	%DM
NSC	7.67	%DM
RFV	87.80	
RFQ	108.78	
TDN_OARDC	57.96	%DM
NEL3x_OARDC	0.59	Mcal/lb
NEG_OARDC	0.33	Mcal/lb
NEM_OARDC	0.59	Mcal/lb
Milk/Ton_Milk2013	2545.00	lb/ton DM
DOMI_Hay Equiv	1163.00	lbs/ton
DOMI_As_Fed	1154.00	lbs/ton
California_TDN_90%dry	48.41	Hay equiv, %DM
Equine_TDN	43.43	%DM
MIR_NDF_kd	5.93	%/hr
Isoleucine	2.53	%CP
Leucine	5.06	%CP
Histidine	1.30	%CP
Total_Amino_Acids	9.65	%DM