



Farm: **KENZO**
Desc: **FUSZENA/ KENZO**
Submitter: **HOBOR SZANTO, JUDIT**
Account: **UBM FEED ZRT.**

Copies to:

Lab ID: **39209 257**
Sampled: **08/16/2026**
Arrived: **08/19/2026**
Completed: **08/19/2026**
Reported: **08/19/2026**

FUSZENA/ KENZO

SAMPLE INFORMATION

Lab ID: 39209 257 Version: 1.0
Feed Type: GRASS FORAGE Crop Year: 2026
Package: BASIC NIR Cutting#:

NIR ANALYSIS RESULTS

Moisture 8.6
Dry Matter 91.4

PROTEINS

	% SP	% CP	% DM
Crude Protein			12.1
Adjusted Protein			12.1
Soluble Protein		49.2	6.0
Ammonia (CPE)	28.0	13.8	1.67
ADF Protein (ADICP)		9.9	1.20
NDF Protein (NDICP)		26.5	3.21
NDR Protein (NDRCP)			
Rumen Degr. Protein		74.6	9.0
Amino Acid Protein, Total			
Lysine			
Methionine			
Isoleucine			
Leucine			
Histidine			
Valine			
Arginine			

FIBER

	% NDF	% DM
ADF	67.6	39.0
aNDF		57.7
aNDFom		55.7
NDR (NDF w/o sulfite)		
Crude Fiber		
Lignin	8.43	4.87
NDF Digestibility (12 hr)		
NDF Digestibility (24 hr)		
NDF Digestibility (30 hr)		
NDF Digestibility (72 hr)		
NDF Digestibility (120 hr)		
NDF Digestibility (240 hr)		
uNDF (12 hr)		
uNDF (24 hr)		
uNDF (30 hr)		
uNDF (120 hr)		
uNDF (240 hr)		

CARBOHYDRATES

	% Fat	% Starch	% NFC	% DM
ESC, Sugar			28.2	6.6
WSC, Sugar				10.1
Starch			13.7	3.2
Soluble Starch				
Soluble Fiber				
Starch Dig. (7 hr, 4 mm)				
Crude Fat				2.01
Fatty Acids, Total				
C16:0				
C18:0				
C18:1				
C18:2				
C18:3				
Unsaturated Fatty Acids				

Values in bold were analyzed by wet chemistry methods.

MINERALS

Ash (%DM) 8.15
Calcium (%DM) 0.36
Phosphorus (%DM) 0.20
Magnesium (%DM) 0.13
Potassium (%DM) 1.75
Sulfur (%DM) 0.15
Sodium (%DM)
Chloride (%DM)
Iron (PPM)
Manganese (PPM)
Zinc (PPM)
Copper (PPM)
Molybdenum (PPM)

QUALITATIVE

pH
Total VFA (%DM)
Lactic Acid (%DM)
Lactic as % of Total VFA
Acetic Acid (%DM)
Propionic Acid, %DM
Butyric Acid (%DM)
1, 2 Propanediol (%DM)
Nitrate Ion (%DM)
Nitrate-Nitrogen, ppm

Soil Contamination Probability
Soil Contamination (%DM)
NIR Statistical Confidence

ENERGY & INDEX CALCULATIONS

TDN (%DM) 58.6
Net Energy Lactation (mj/kg) 5.50
Net Energy Maintenance (mj/kg) 5.44
Net Energy Gain (mj/kg) 3.04
ME (mj/kg) 9.03
AA Protein as % of Total Protein
NDF Dig. Rate (Kd, %HR, Van Amburgh, Lignin*2.4)
NDF Dig. Rate (Kd, %HR, uNDF) 4.7
Starch Dig. Rate (Kd, %HR, Mertens)
Relative Feed Value (RFV) 94
Relative Forage Quality (RFQ)
Milk per Ton (kg/tonne) 1331
Milk per Ton 2024(kg/tonne)
Beef per Ton (kg/tonne)
Dig. Organic Matter Index (kg/tonne)
NFC (Non-Fiber Carbohydrates)(%DM) 23.2
NSC (Non-Structural Carbohydrates) ESC (%DM) 9.8
NSC (Non-Structural Carbohydrates) WSC (%DM) 13.3
DCAD (meq/100gdm)
Summative Index % (Mass Balance)

Additional sample information, submitted documents and lab pictures linked to QR code

