Effects of supplementary inulin on ewes milk composition and rumen fermentation parameters
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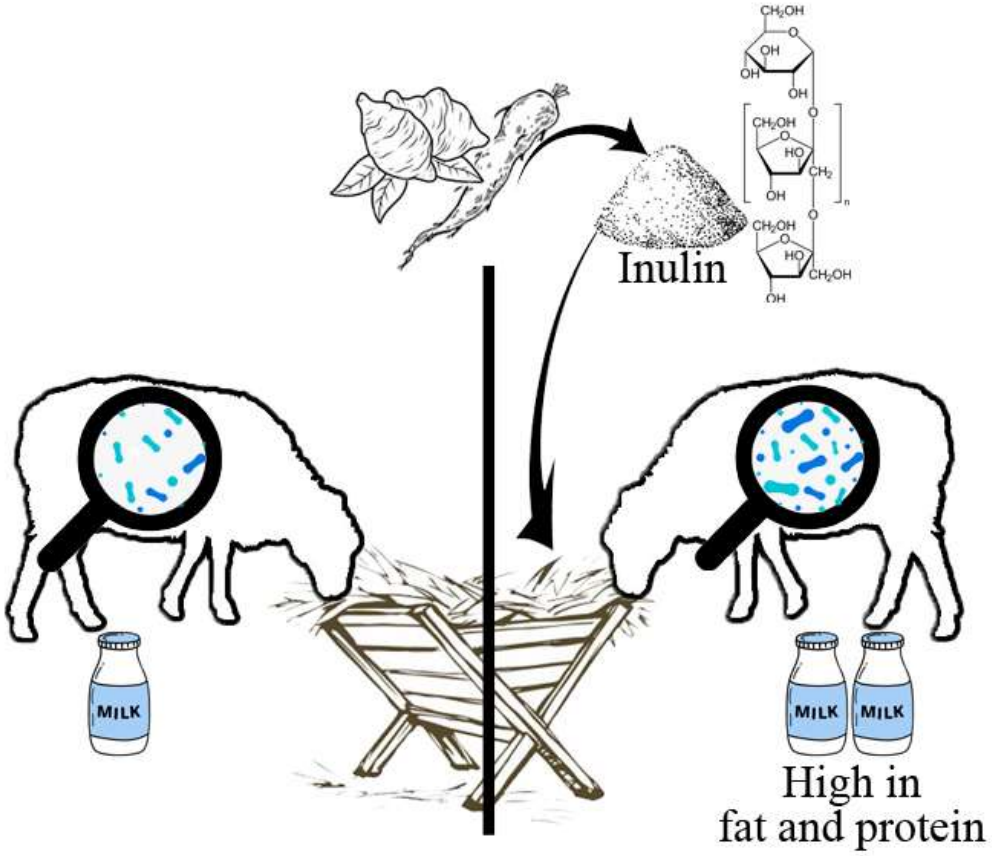
SUPPLEMENTARY FILE



The digestibility of nutrients was determined using the following equation (Marais 2000):
DM digestibility (g kg^{-1}) = 1000 (1 - Mh / Mf)
Nutrient digestibility (g kg^{-1}) = 1000 - 1000 ((Mh / Mf) (Nf / Nh))
Where Mh was marker concentration in the feed, Mf was marker concentration in the feces, Nh was concentration of the nutrient component in the feed and Nf was concentration of a nutrient component in the feces.

The fat corrected milk (FCM) was calculated according to the equation of Nguyen et al. (2018): 6% FCM = M (0.453 + 0.091F), where F was the fat percentage and M was the milk yield (g).

The energy corrected milk (ECM) was calculated according to the equation of Sjaunja et al. (1990) and Tajaddini et al. (2021): ECM (g/day) = milk production (g/day) × [38.3×fat (g/kg) + 24.2×protein (g/kg) + 16.54×lactose (g/kg) + 20.7] /3140.

Table S1. Ingredients of Basal Experimental Diet

Ingredients	% of Dietary Dry Matter
Alfalfa Hay	30
Wheat Straw	10
Barley Grain	20
Corn Grain	10
Soybean Meal	9
Wheat Bran	17.5
Salt	0.5
Mineral and Vitamin Permix	2
Calcium Carbonate	1

Chemical composition	
Crude Protein (%)	14.40
Metabolizable Energy (Mcal kg^{-1})	2.29
Neutral Detergent Fiber (%)	42.89
Acid Detergent Fiber (%)	30.30