Forage subsamples were weighed (0.50 g) in duplicate, dried in a forced-air oven at 100˚C overnight to calculate sample DM, and subsequently ashed in a muffle furnace at 650˚C for 6 h to calculate OM. To determine NDF concentration, samples were weighed (0.50 g) in duplicate in F57 filter bags and analyzed in an Ankom 200 Fiber Analyzer (Ankom Technology Corp., Macedon, NY) using sodium sulfite and heat-stable α-amylase. Samples were subsequently analyzed for ADF concentration as described by Van Soest et al. (1991). Concentration of iNDF in forage and feces was determined as described by Cole et al. (2011) with modifications proposed by Krizsan and Huhtanen (2013). Briefly, samples were weighed (0.50 g) into Ankom F57 filter bags, and then incubated within the rumen of two cannulated Angus crossbred steers for 288 h to ensure complete digestion of the potentially digestible NDF fraction. After incubation, samples were rinsed and analyzed for NDF concentration as previously described.

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