

Table 01. Frequency and duration of meals of Nellore bulls fed a diet with monensin or ionized amino acids in GrowSafe system.

		Diets		SEM	P-value
		Forage ¹	no-Forage ²		
Number of visit, d	Total	43	29	11.49	<.0001
	meal ³	40.9	26.1	10.85	<.0001
	no meal ⁴	2.77	2.86	2.04	0.427
Visit duration, s	Total	157	140	75.57	<.0001
	meal ³	166.7	152.5	83.69	0.002
	no meal ⁴	35.4	39.8	48.44	0.101
Organic matter Intake, kg	Per visit	0.340	0.366	0.11	<.0001
	Per day	13.90	9.97	2.95	<.0001

¹Forage = TMR, containing *Brachiaria brizantha* hay (15% of DM) and sodium monensim (120 mg/d).

²no-Forage = TMR, containing 82 mg/kg of ionized amino acids (MJ Nutricao Animal).

³meal = number (per day) and duration (seconds) of visit with intake.

⁴no meal = number (per day) and duration (seconds) of visit without intake.

Table 02. Total mixed ration (TMR) particle size (Penn State Particle Separator).

Pore size, mm	Particles retained, %			
	Forage ¹		no-Forage ²	
	Before ³	After ⁴	Before ³	After ⁴
> 19	2.53	0.09	0.08	1.02
7.8 to 19	10.93	1.19	1.28	9.11
1.7 to 7.8	57.54	66.25	67.30	57.89
< 1.7	28.93	32.42	31.32	31.39

¹Forage = TMR, containing *Brachiaria brizantha* hay (15% of DM) and sodium monensim (120 mg/d).

²no-Forage = TMR, containing 82 mg/kg of ionized amino acids (MJ Nutricao Animal).

³Collected samples on feeder before feeding.

⁴Collected samples on feeder after feeding.