



Impact of milk feeding regimens on growth, intake, efficiency, and costs in pre-weaned crossbred calves

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Supplementary Table 1. Composition of feeds and fodders (% on dry matter basis) offered to crossbred calves

Parameter	Milk	Compounded concentrate mixture	Sorghum hay	Hybrid napier green
Dry matter	12.60	89.90	89.89	22.10
Crude protein	27.78	24.17	5.50	7.43
Ether extract	30.16	6.62	2.58	2.46
Crude fibre	0.00	9.87	32.49	31.71
Nitrogen free extract	35.71	50.78	49.33	49.35
Total ash	6.35	8.56	10.10	9.14
Total digestible nutrients	120.51	80.00	55.00	55.00

Supplementary Table 2. Faecal consistency score of crossbred calves during the experimental

Score	T ₁		T ₂		T ₃		T ₄		T ₅		P- value
	No.	%	No.	%	No.	%	No.	%	No.	%	
1	661	92.58	653	91.46	624	87.39	639	89.50	631	88.38	-
2	47	6.58	58	8.12	77	10.78	70	9.80	79	11.06	-
3	6	0.84	3	0.42	13	1.82	5	0.70	4	0.56	-
4	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	-
Total	714	100.00	714	100.00	714	100.00	714	100.00	714	100.00	-
Mean	1.08±0.02		1.09±0.03		1.14±0.01		1.11±0.03		1.12±0.06		0.723

Supplementary Table 3. Behaviour score of crossbred calves during the experiment

Score no.	T ₁	T ₂	T ₃	T ₄	T ₅
1 (Urination)	5.33 (5.93)	3.50 (3.89)	4.67 (5.19)	8.50 (13.49)	6.50 (10.32)
2 (Standing up and down)	37.67 (41.85)	39.17 (43.52)	35.17 (39.07)	22.67 (35.98)	24.33 (38.62)
3 (Licking of abdomen)	16.00 (17.78)	15.17 (16.85)	15.83 (17.59)	10.33 (16.40)	8.17 (12.96)
4 (Kicking of abdomen)	0.00 (0.00)	0.33 (0.37)	0.50 (0.56)	0.50 (0.79)	0.00 (0.00)
5 (Biting of abdomen)	0.17 (0.19)	0.17 (0.19)	0.17 (0.19)	0.17 (0.26)	0.00 (0.00)
6 (Cross sucking)	8.50 (9.44)	5.50 (6.11)	7.17 (7.96)	7.50 (11.90)	4.67 (7.41)
7 (Sitting)	21.33 (23.70)	25.33 (28.15)	25.33 (28.15)	11.50 (18.25)	18.50 (29.37)
8 (Defecate)	1.00 (1.11)	0.83 (0.93)	1.17 (1.30)	1.83 (2.91)	0.83 (1.32)

Figure in parenthesis indicates the percentage of various behaviours within the treatment.