

1 **Replacement of grain maize with spineless cactus in the diet of dairy goats**

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7 **SUPPLEMENTARY FILE**

9 **Supplementary Table S1. Centesimal composition of the diet ingredients**

Ingredient (%) ¹	Replacement of maize with cactus (%)			
	0	33	66	100
Buffel grass hay	40.33	40.53	40.50	40.35
Spineless cactus	0.00	14.13	28.23	42.63
Ground grain maize	42.65	28.24	14.19	0.00
Soybean meal	17.01	17.10	17.08	17.02

11 ¹ % of dry matter.

15 **Supplementary Table S2. Chemical composition of ingredients used in the experimental diets.**

Ingredient	DM (%) ¹	MM (%) ²	CP (%) ²	NDF (%) ²	ADF (%) ²	LIG (%) ²	EE (%) ²	NFC (%) ²
Buffel grass hay	86.41	9.47	10.57	66.64	34.15	6.34	2.33	11.00
Soybean meal	88.74	7.58	45.00	36.60	11.25	1.01	2.01	8.81
Ground maize	86.00	1.89	8.60	12.81	4.61	0.57	6.14	70.56
Spineless cactus	13.00	11.84	4.24	24.82	17.30	3.57	1.30	57.80

16 ¹ % of natural matter; ² % of dry matter. DM: dry matter; MM: mineral matter; CP: crude protein; NDF: neutral detergent fibre;
17 ADF: acid detergent fibre; LIG: lignin; EE: ether extract; NFC: non-fibrous carbohydrates
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