

Table S1. Composition and nutrient levels of goat diets (air-dry basis) between 3-6 months

Ingredient	Percentage (%)	Nutrient Items	Nutrient levels ²⁾
Corn	35.17	Metabolizable Energy /(MJ/kg)	8.42
Soybean meal	14.15	Crude Protein (%)	14.03
Corn DDGS	6.73	ether extract (%)	5.18
Corn silage	26.03	Ash (%)	6.41
Peanut seedling	13.97	Calcium (%)	0.75
NaHCO ₃	0.95	Phosphorus (%)	0.45
Limestone	1.27		
Ca (HCO ₃) ₂	0.31		
NaCl	0.64		
Mold remover	0.13		
Premix ¹⁾	0.65		
Total	100		

Table S2. Composition and nutrient levels of goat diets (air-dry basis) after 6 months

Ingredient	Percentage (%)	Nutrient Items	Nutrient levels ²⁾
Corn	29.31	Metabolizable Energy /(MJ/kg)	8.04
Soybean meal	11.79	Crude Protein (%)	13.56
Corn DDGS	5.61	ether extract (%)	5.01
Corn silage	32.54	Ash (%)	5.99
Peanut seedling	17.46	Calcium (%)	0.72
NaHCO ₃	0.79	Phosphorus (%)	0.47
Limestone	1.06		
Ca (HCO ₃) ₂	0.26		
NaCl	0.53		
Mold remover	0.11		
Premix ¹⁾	0.54		
Total	100		

Note: ¹⁾ The premix provided the following per kg of diets: vitamin A acetate 4 640 IU , VD3 1 740 IU , DL- α -tocopheryl acetate 17.40 mg , I 0.41 mg , Cu 4.64 mg , Fe 23.20 mg , Mn 23.20 mg , Zn 29.00 mg , Se 0.12 mg , Co 0.23 mg. ²⁾ Metabolizable Energy was a calculated value, while the others were measured values.