



Supplementary Material

Nutritional Evaluation of Two Sorghum Varieties in Broiler Fortified with Phytase

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Supplementary Table I.- Composition of basal diets.

Ingredient	Amount (g/kg)*
Sorghum (Red/White)	938
Canola oil	20
Dicalcium Phosphate	17
Limestone	13
Choline chloride	3
Salt	2
Premix**	7
Total	1000

* g/kg air dry basis. **Each kg of premix contained: *trans*-retinol, 0.66mg; cholecalciferol, 0.018mg; dI- α -tocopherol acetate, 4mg; menadione, 0.4mg; thiamine, 0.3mg; riboflavin, 1.6mg; calcium pantothenate, 3mg; niacin, 6mg; pyridoxine, 1mg; folic acid, 0.4mg; cyanocobalamin, 3 μ g; biotin, 0.02mg; manganese, 15mg; zinc, 10mg; iron, 4mg; copper, 1mg; iodine, 0.2mg; cobalt, 0.06mg; selenium, 0.02mg; molybdenum, 0.32mg; choline chloride, 60mg; ethoxyquin, 25mg.

Supplementary Table II.- Nutrient composition (% Dry matter basis) of two varieties of sorghum used in the trial.

Nutrient	Sorghum	
	Red	White
Dry matter	92.05	91.85
Organic matter	95.67	96.87
Protein	11.41	9.93
Starch	74	76
Crude fat	3.1	2.9
Crude fiber	2.1	2.3
Total phosphorous	0.39	0.33
Calcium	0.04	0.03
Phytate	0.84	0.79
Crude ash	2.92	2.09
Gross energy (Kcal/kg)	3992	3792
Gross energy (MJ/kg)	16.70	15.86