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Comparative performance of broiler chickens offered ten equivalent diets based on three grain sorghum varieties as determined by response surface mixture design

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Highlights

- Growth performance of chickens was determined by response surface design
- Kafirin, phenolic compounds and phytate depressed energy utilisation
- Free ferulic acid influenced distal ileal protein disappearance rate
- Low protein sorghum may advantage growth performance of broiler chickens
- Response surface mixture design predicted the best sorghum combinations

ABSTRACT

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