## Effects of high fbre and its source on the growth and slaughter performance of pigs fed maize soybean diets fortifed with Roxazyme® G<sup>2</sup>

F Fushai University of Venda, South Africa

The e ects of high bre(250 g kgry matter (DM) total dietary bre (TDF)) from dierent feeds on growth and slaughter performance were investigated in pigs fed maize-soybean diets forti ed with Roxażyne@dced bre sources were maize (Zea mays) cobs (MC), soybean hulls (Glycine max)(SH), brewer's (barley; Hordeum vulgare L) grains (BG), Lucerne (Medicag sativa) hay (L) or wheat (Triticum aestivyharan (WB). A standard diet (141 g kg)M TDF) served as a control. Diets were mixed in duplicate, and one mixture was forti ed with 200 mg Roxazyne@RX; kg¹ feed.ln vitro methods were used to estimate bre fermentability. e study used 72 intact Large White X Landrace, malepigs(32.0 ± 5.6 kg live weight). e diets wæddibædim for 70 days in a complete randomized design with a 6X2 factorial arrangement of the treatments. Digestibility was estimated at 65 70 kg LW using CO3 as the indigestible marker. Depending on the source, high bre reduced (P<0.05) feed intake (BG and L), the digestibility of organic matter (WB, BG, MC), protein (BG, MC, WB), fat (WB, L), phosphorus (BG), ash (MC, SH) and energy (all bres). Maize cobincreased (p<0.05) the feed: gain ratio. Lucerne reduced (P<0.05) daily gain and dressing % and, similar to WE increased (p<0.05) lean %. Roxazyme@COnot a ectany of the measured parameters. e results supported a fermentable- bre approach to maintain nutrient digestibility on brous diets. Supplementation with Roxazyne@COt justi ed.

## **Biography**

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