Effect of Cassava Pulp Diet on Feed Pelleting Process, Pellet Quality and Growth Performance in Weaning Pigs

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ABSTRACT

The objectives of this study were to determine the effect of cassava pulp on pelleting characteristic and growth performance of weaning pigs. Experimental treatments consisted of control diet (no cassava pulp) and 10% cassava pulp diet. Increased energy consumption was observed in the 10% cassava pulp diet (16.16 kWh/t) compared that of control diet (11.38 kWh/t). There was no difference in hardness and pellet durability. A total of 128 weaning pigs with 8 pens per treatment and 8 pigs per pen were used in the growth performance study. Pigs were offered experimental diets with and without cassava pulp. Feed intake did not affect by dietary treatments. However, pigs fed 10% cassava pulp diet had negative effects on ADG and FCR compared with pigs fed control diet (P<0.05).

Key Words: cassava pulp, feed pelleting process, pellet quality, growth performance, weaning pigs

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