

Comparison of Four Pig Diets

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[Abstract]

Groups of six pigs were each fed one of four diets, Commercial NRC (CNRC), Commercial recommended (CREC), Nutramix NRC (NNRC) and in weight for the four diets over time were very similar. The gender of the pig did not have a significant effect on weight gain ($p > 0.1$) nor were there any diet differences ($p > 0.1$). The average weight gains during the experiment were 40.0, 45.241.5 and 41.5 kg (SED=2.9) for CNRC, CREC, NNRC and N12.5 respectively.

A second set of pigs were allocated in groups of six to each of the following diets: Commercial recommended (CREC), Nutramix level 1 (N1), Nutramix level 2 (N2) and Nutramix level 3 (N3) and fed the diets for 11 weeks. The changes in weight for the four diets were very similar. The gender of the pig did not have a significant effect on the weight gain ($p > 0.05$) nor did the diet ($p > 0.05$). The average weight gains during the experiment were 43.5, 36.1, 43.6 and 40.6 kg (SED = 4.49) for CREC, N1, N2, and N3 respectively.