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**Effects of feeding food residues aerobically fermented and vacuum-dried
on production and carcass grade of fattening pigs**

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ABSTRACT

This study was conducted to investigate the effect of feeding food residues (FR) aerobically fermented and vacuum-dried on performance in fattening pigs. Three treatments were tried in this study; 0% FR (containing 0% FR Mixture), 25% FR (containing 25% FR Mixture), 50% FR (containing 50% FR Mixture¹). For feeding trials, 45 heads of fattening pigs were allotted to 3 treatments with 3 replicates of 5 pigs each. The results obtained are as following; In average daily feed intake (ADFI), 2.68kg of 50% FR and 2.60kg of 25% FR were higher ($P<0.05$) than 2.45kg of control. Average daily gain (ADG) was not different among treatments. In feed/gain ratio, 3.50 of 50% FR was somewhat higher ($P<0.05$) than 3.17 of control. Analysis on feed cost per weight gain showed that feeding 50% FR was the most economical. Dressing percentage and back fat thickness were not different among treatments. Appearance rate of carcass grade A and B was 66.7% for control, 73.3% for 25% FR and 60% for 50% FR.

Key words : Food waste, pig, feed, carcass grade.

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¹ The mixture included 75% of FR, 15% of bakery waste and 10% of broiler litter (wet basis).