ABSTRACT

FERMENTATION QUALITY OF STRAW SILOS TREATED WITH CELLULASE AND ITS DIGESTIBILITY IN SHEEP

Three silages made from barley straw silage into 150 kg bales were used with and without cellulase treatment. The silages were evaluated for DM content and chemical composition. Each silage was composed of 40% barley straw and 60% grass. Initial pH values and DM concentrations of the silages were similar, with about 4.0 pH and 57% DM, respectively. The TIN of all silages was 5.6, 5.7, and 5.2 for UT, UF, and UF silages, respectively.

Keywords: Quality, Straw silage, Cellulase, Sheep
Table 2. Estimation of Protein and Crude Composition of Product Mixes
ADAPTATION AND MANAGEMENT OF PIGS AT TANAH AIRI

ABSTRACT

The ANCA method was used to test the effects of different diets on growth performance and carcass traits of pigs at Tanah Airi. The pigs were fed three different diets: 1) basal diet (BD), 2) basal diet plus 1% crystalline ADF (BD + ADF), and 3) basal diet plus 1% crystalline XAD-11 (BD + XAD). The results showed that the pigs fed the BD + ADF diet had significantly higher growth performance and carcass traits compared to those fed the BD diet. The BD + XAD diet also resulted in improved growth performance and carcass traits, but not as significantly as the BD + ADF diet. The BD diet alone did not provide sufficient nutrients for optimal growth and carcass traits.

KEYWORDS: Adaptation, Management, Growth Performance, Carcass Traits

REFERENCE


Literature Cited
