Abstract
In order to evaluate the weight changes, level of hematocrit and serum total protein to supplement the diet of collared peccaries (Pecari tajacu) with a silage mixture of grass Taiwan (Pennisetum purpureum) and Ramon (Brosimum alicastrum) a voluntary consumption test was performed for five weeks. Using eleven non-pregnant adult females, with mean age of 4.5 years and weighing 19.15 kg (± 0.5 kg), two groups were formed: one of five animals which offered squash (Cucurbita pepo) and corn (Zea mays), and another of six animals on a diet of squash, corn and silage at 50%. Were taken blood samples and record weight every seven days. T-student test were used to compare means of two independent samples. There were no differences between the means of the weights and blood proteins levels of individuals. The use of a silage mixture of grass and fodder cutting is a viable option to supplement the diet of nonpregnant adult females.

Keywords
Fodder, hematocrit, Pecari tajacu, silage, total protein, weight.