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RESEARCH ARTICLE.....

Effect of dried tuna waste silage on blood biochemical profile in large white yorkshire pigs

K.S. ANURAJ, K. SHYAMA AND M. SREEPARVATHY

Author for Corresponding -

K.S. ANURAJ

Division of Animal Nutrition,
Indian Veterinary Research
Institute, Izatnagar, BAREILLY
(U.P.) INDIA

Email: anurajks@gmail.com

See end of the article for

Coopted authors'

ABSTRACT..... An investigation was carried out for a period of 104 days on thirty six weaned Large White Yorkshire piglets to find out the effect of dietary incorporation of dried tuna waste silage on blood biochemical parameters. Dried tuna waste silage was used to replace dried fish on protein basis at 0, 50 and 100 per cent, in isocaloric and isonitrogenous grower and finisher rations as dietary treatments T₁, T₂ and T₃, respectively. All the animals were maintained on their respective dietary regimen from weaning to an average slaughter weight of 70 kg. Blood samples were collected at the beginning and end of the experiment and analysed for different blood parameters. Plasma mineral concentration of Ca, P, Mg, Mn and Zn were similar while the plasma Cu concentration of pigs maintained under rations T₂ and T₃ were significantly lower (P<0.05) than that of T₁. Total protein and blood urea nitrogen of pigs maintained under the three dietary treatments were similar.

KEY WORDS..... Piglets, Dried tuna waste silage, Blood biochemical parameters

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