CARCASS TRAITS, FATTY ACID AND AMINO ACID PROFILE OF LWY PIGS FED WITH HERBAL METHIONINE (METHIOREP) SUPPLEMENTED DIET

M.Murugan, M.Muthulakshmi, H.Gopi, L.Radhakrishnan and Shivi Maini
Pig Breeding Unit, PGRIAS, Kattupakkam.

A growth trial was conducted to assess the dietary supplementation of herbal methionine on the carcass traits, fatty acid and amino acid profile of Large White Yorkshire pigs. A total of 24 weaned LWY piglets were selected and they were randomly divided into three groups comprising of eight piglets in each group. Male and female were equal in number for each treatment group. The piglets in group I was fed with standard grower feed routinely fed pigs in this unit without any supplementation of amino acid source and the crude protein content in the diet was 17%. Group II piglets were fed with diet containing 16 % CP and additionally received the dietary supplementation of DL methionine @ 1 kg/ tonne of feed. Group III piglets were fed with diet containing 16 % CP and supplementation of methiorep @ 1 kg / tonne of feed. Trial was completed at seven months of age. It was found that there was no significant difference in fatty acid and amino acid profile of Longissimus dorsi muscle of different treatment groups. With regard to carcass traits viz., hot carcass weight (kgs), Slaughter weight (kgs), dressing percentage, carcass length (cm), back fat thickness (mm), loin-eye area (cm²) and gut weight (kgs), there was no significant difference between treatments.