CARCASS QUALITY AND SENSORY CHARACTERISTICS OF PORK FROM NATIVE PIGS FED DIET WITH WATER SPINACH

ELLA MAE URBANO NATIVIDAD

An undergraduate thesis manuscript presented to the faculty of the Department of Animal Science, College of Agriculture, Central Luzon State University in partial fulfilment of the requirements for the degree

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BIOGRAPHICAL SKETCH

Ella Mae Urbano Natividad, the author was born on the third day of May year 1997 in Barangay Dona Paulina San Isidro Isabela. She is the eldest daughter among the two children of Mr. Jay G. Natividad and Mrs. Olivia U. Natividad.

She finished her elementary education at the Dona Paulina Elementary School in March 2009 and she completed her secondary education at the San Isidro National High School in March 2013. She was admitted in Central Luzon State University and took up degree of Bachelor of Science in Agriculture major in Animal Science. She chose Swine Production as her major field of specialization under the supervision of Prof. Jayson J. Juan.

She is a member of the Christian Brotherhood International (CBI), Central Luzon State University Chapter, a campus ministry organization.

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Above all, to The Father in Heaven, The Ultimate Source of knowledge and wisdom, and serves as my ultimate strength and Adviser.

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ABSTRACT

The study was conducted to determine the carcass characteristics and sensory attributes of pork from native pigs fed diet supplemented with fresh or ensiled water spinach. Twelve pigs with mean body weight of 5.10 kg were randomly allocated into two dietary treatments with 6 replication of 1 pig per replicate. At the end of the feeding trial 6 pigs with mean body weight of 21.10 kg were slaughtered for carcass quality and sensory characteristics determination.

Results showed no significant differences in any parameters from carcass yield and composition of native pig fed diet with fresh or ensiled water spinach. Sensory score of pork was numerically higher in native pig fed with ensiled water spinach than those fed with fresh water spinach.

[1]Undergraduate thesis manuscript presented as partial fulfilment for the degree of bachelor of science in agriculture, Central Luzon State University, conducted in the College of Agriculture Native Pig Project under the supervision of Mr. Jayson J. Juan with experimental contribution no. CA-02-17-003.

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