

Effect of Combination between CaCl₂ Dosage and Electric Stimulation Period on Meat Quality Duck Adult

Title	Effect of Combination between CaCl ₂ Dosage and Electric Stimulation Period on Meat Quality Duck Adult
Author Order	of
Accreditation	
Abstract	<p>Research entitled "The effect of combination between CaCl₂ dosage and length of electric stimulation on adult meat quality duck quality". The aim was to know the effect of combination between CaCl₂ and length of electric stimulation on quality. It was conducted at Technology of Animal Production Laboratory in Animal Science Faculty, Jenderal Soedirman University on June 2nd up to August 30rd 2002. Materials used in this research were 27 Tegal duck adult. Experimental design with Completely Randomized Design (CRD) with factorial 3 x 3 was performed in this research. The first factor was CaCl₂ dosage (a₁=50cc; a₂=100cc; and a₃=150cc) and the second factor was length of electric stimulation period (b₁=10 sec; b₂=20 sec; and b₃=30 sec). Each experiment was repeated three times, and variable of this research were pH, tenderness, WHC and CL. The result of research shows that CaCl₂ dosage (50, 100, and 150 cc); length of electric stimulation and their interaction gave no significant effect (P>0,05) on pH, tenderness, WHC and CL in adult duck meat. Conclusion of this research was CaCl₂ dosage, electric stimulation period and their interaction gave the same effect on pH, tenderness, WHC and CL adult duck meat. (Animal Production 5(1): 25-34 (2003))</p> <p>Key word: Tenderness, WHC and CL, Duck, Meat, Electrical, Calcium Chloride</p>
Publisher Name	Universitas Jenderal Soedirman, Faculty of Animal Science, Purwokerto-Indonesia
Publish Date	2011-05-04
Publish Year	2003
Doi	
Citation	
Source	ANIMAL PRODUCTION
Source Issue	Vol 5, No 1 (2003): January
Source Page	
Url	http://animalproduction.net/index.php/JAP/article/view/59
Author	Dr TRIANA SETYAWARDANI, M.P.