

THE EMPLOYING OF GROSSING OF GAMBIR AS A VEGETABLE PLAN ON PART OF SAVE AND QUALITY INTERNAL EGGS OF CHICKEN RASH

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ABSTRACT

This study aims to determine the effect of various types of mangrove bark as a vegetable tanner on the quality, organoleptic value, and the shelf life of chicken eggs. This research was conducted experimentally and using Completely Randomized Design with 3 treatments and 6 replications. The number of eggs used 216 grains and each treatment amounted to 54 grains. Evaluation of egg quality observation on 7th, 14th, 21st and 28th day resulted in egg yolk index, egg white index, haugh unit and high air bag, The three treatments showed significant difference F count $< F$ table (0,05) and significant difference of F count $< F$ table (0,01) to internal quality and shelf life until day 28. The best results are shown by the treatment of 30% gambier level because it yields the smallest air bag diameter, egg yolk index, egg white index and largest haugh unit. The third treatment level of gambir as a vegetable tanner is able to maintain the shelf life up to the 28th day

Keywords: Chicken Egg Race, Tanning, Gambir.