

# THE ADDITION OF PROBIOTICS, HERBS, AND COMBINATION IN THE RATION TO SLAUGHTER WEIGHT, RATION EFFICIENCY, CARCASS AND INTERNAL ORGANS OF KAMPONG CHICKENS

W. Tanwiriah<sup>1</sup>, T. Widjastuti<sup>1</sup>, E. Sujana<sup>1</sup>

<sup>1</sup>Faculty of Animal Husbandry, Padjadjaran University, Bandung, Indonesia

## Abstract

*Kampung chicken is Indonesian local chickens that widely maintained and are very popular in community, because of their distinctive taste and flavor. The growth of kampung chickens is slower than broilers, so to increase the growth rate it must be given a good ration and need to be added with feed additives. There are various kinds of feed additives including AGP (antibiotic Growth Promoter), probiotics or herbs such as ginger (*Zingiber officinale* varr *Rubrum*) and turmeric (*Curcuma domestica*). The addition of probiotics or herbs in kampung chicken rations has been carried out, but the research of addition of a combination of probiotics and herbs is still rare. This study aims to determine the effect of the addition of probiotics, herbs (ginger and turmeric) and their combination on slaughter weight, ration efficiency, carcass and internal organs of kampung chickens. The study used 100 one week old kampung chicks. The design used was a completely randomized design (CRD) with four treatments and every treatment was repeated 5 times. The kampung chicks divided into 4 groups that were given rations with the addition of different feed additives, there were P0 = basal ration (BR), P1 = BR + 1% probiotic, P2 = BR + (0.5% ginger and 0.5% turmeric) and P3 = BR + (Probiotic 0.5% + ginger 0.25%, turmeric 0.25%). Parameters measured were slaughter weight, ration efficiency, carcass, and internal organs. The data obtained were tested with variance analysis and Duncan's test. The results showed that the addition of probiotics, herbs (ginger and turmeric) had an effect on slaughter weight, ration efficiency and carcass weight, but had no effect on carcass percentage, internal organs weight and percentage.*

**Key words :** *lo chicken, slaughter weight, ration efficiency, carcass, internal organ*