

QUALITATIVE EXTERIOR CHARACTERISTIC OF THE OFFSPRING FROM CROSSING KUB CHICKEN WITH DIFFERENT COMB TYPES WITH LAYER CHICKEN IN ADIJAYA UNINDO PERKASA SEMANU

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ABSTRACT

The aim of this study was to determine the qualitative exterior characteristics of the result of the offspring from male KUB chickens with different comb types (Pea, Rose, Single, and Walnut) with layer chickens. In this study total 80 crossbreed bird consisting of 40 male offspring and 40 female offspring were used. The research sample was obtained from four crossing groups, each group consisted of 10 KUB males and 80 laying birds. The offspring were kept in semi-closed house cages consisting of 40 battery cages. Each comb type consists of 10 cages which were grouped per cage based on type of the comb. Qualitative exterior characteristics included beak, eye, crown feathers, neck feathers, chest feathers, abdominal feathers, back feathers, primary and secondary wing feathers, tail feathers, thigh feathers, shank membrane, and shank color were observed. Qualitative exterior data were statistically using descriptive statistic and percentage as parameter. The results showed that for several male and female offspring of different comb types, the color variation on the head were almost uniform. That was indicated in the percentage of chickens in the same characteristic dominated by the same color, especially in the beak, eyes, and crown feathers color. The color of neck feathers in male is more variative than in females. The variations of the body color have uniform color. Male offspring of different comb types has high level of variation color in body feathers, different in female offspring that only has two variation, white for Rose, Single, and Walnut comb type and black for Pea comb type. Male and female offspring has almost uniform color for tail feathers. Based on the results of the study it can be concluded that the qualitative exterior characteristics of chickens resulting from crossing of KUB roosters with different comb layers and layer chickens are still quite diverse, both on the head, body, and tail feathers color, and not yet have specific characteristics as well as native chicken in general.

Key Words: KUB Chicken, Qualitative exterior characteristics, Crossing