

**STUDY OF DRESS PERCENTAGE AND RELATIVE WEIGHTS  
OF CARCASS PARTS IN VARIOUS AGES OF JAPANESE QUAIL  
IN IRAQ**

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**ABSTRACT**

This study was conducted in Animal Resources Dept. – College of Agriculture – University of Diyala during the period 1 Feb. to 8 April 2013 aimed to determine dress percentage , some relative weight of carcass parts include breast , thigh and back , some vital organs( heart , liver ) at various ages in Japanese quail in Iraq. The study use 100 one day old chicks , the study slaughtered random sample of them consist of 70 birds , as 20 , 20 , 15 , 15 birds in 4 , 6 , 8 , 10 week of age respectively , and the measurements tak en in each age and the correlation coefficients were calculated among the various measurements. The results indicated that, the age has highly significant effect in body weight , carcass weight , intestine length , also there was significant effect of age in thigh weight.

The sex has significant effect in body weight , dress percentage intestine length , liver weight , back weight , there were highly significant effect of the interaction between age and sex in body weight and carcass weight while there was significant effect of this interaction in relative weight of liver There were highly significant correlation coefficients among all measurements included in the study

Key words: Japanese quail , dress percentage , carcass parts , vital organs

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