

**Bothaina, Y. F. Mahmoud, Gihan, S. Farahat and Ensaf, A. El-Full (2013). A comparative study of some production traits in two Japanese quail genotypes. Egyptian Poultry Science Journal Vol. (33) (IV): 1053-1075.**

**ABSTRACT**

**The aims of the present study were to**

differences associatehe ith he white plumage quail compare o quail brown and estimate the heritability, genetic and phenotypic correlation coefficients for the body weight (BW) and shank length (SL) at one up to days of age and at sexual maturity, age at first egg

and favoring the brown genotype. Results of the phenotypic and genetics parameters of most studied traits could be used in breeding programs to improve the Japanese quails and produce new genotypes.