

Comparison of some genetic parameters and economic traits of Iraqi local chicken with other breeds

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Iraqi local chicken's phenotypic characters makes it close to its grandparents or to their ancestor, the Reed Jungle Fowl (RJF). It can't be classified as layer or broiler chicken; but it's high immunity compared with other breed in Iraq makes it easy to be used in selection programs to improve its production ability and performances. On the other hand this local chickens are adapted to weather condition in Iraq such as very hot climate in long summer months and very cold weather in winter, making it indigenous local chicken in Iraq which is why it must be genetically maintained as Iraqi national wealth and to be conserved. It is easy now a days with the revolution of molecular genetic techniques besides the Mandolin classical breeding concept and many of genetic parameters can be used to improve the performance of Iraqi local chicken with the retention of the identity of Iraqi local domestication chicken.

Keywords:

Iraqi local chicken, Productive traits, Genetic variation, Genetic parameters.