

عنوان مقاله:

Comparative production performance evaluation of exotic and indigenous chickens under farmers management practice in Tigray, Northern Ethiopia

محل انتشار:

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خلاصه مقاله:

Potchefstroom koekoek chickens were introduced with the objective to evaluate production performance and compare with indigenous chickens and to evaluate their egg production cost under farmers management practice. A total of 105 of one month chicks were distributed to five female headed households (FHH), 21 chicks for each FHH in Tanqua-Abergelle district. Similar age 21 chickens were prepared by the FHH. The chickens were kept under farmers' management practice and fed mainly on scavenging with supplementation 30 g maize per day per chicken. Egg production of the scavenging Koekoek hens was 49% and 64% higher than the local hens for one and four months age, respectively. Comparing Koekoek chickens with local chickens Koekoek chickens 59 g had laid heavier eggs than the local chickens 34.9 g. Beside to the heaviness of the egg laid by Koekoek chicken, egg yolk, albumin and shell were also heavier by 12%, 21% and 12%, respectively than the local chicken. Finally, the cost of egg produced by Koekoek chicken 0.025 USD was cheaper than egg produced by local chickens 0.071 USD.

کلمات کلیدی:

Cost of production, Egg, Female headed household, Local chicken

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