Phenotypic Characterization of indigenous Chicken Ecotypes in Northwollo, Amhara Regional State, Ethiopia

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Grin Verlag Jan 2013, 2013. Taschenbuch. Book Condition: Neu. 210x148x7 mm. This item is printed on demand - Print on Demand Titel. - Master's Thesis from the year 2012 in the subject Agrarian Studies, grade: -, Bahir Dar University, course: animal genetics and breeding, language: English, comment: this is one and half year effort in uncoverd area of Ethiopian , abstract: ABSTRACTPhenotypic characterization of indigenous chicken ecotypes was conducted in North Wollo from January 2011 to May 2012 with the objectives of characterizing indigenous chicken and their production system. Simultaneously, identification of development intervention for improved utilization of chicken genetic resources was also identified. In the first part of data collection, one focused group discussion per agro-ecological zones was held. Then, administration of well-structured questionnaire and morphometric measurement were employed. Measured quantitative traits of chicken among the three altitudes were analyzed by linear model of SAS 2002 for male and female chickens separately. Subsequently, mean value of each traits were compared using Tukey s mean comparison method. Multivariate analysis of principal component analysis, canonical discriminant, step-wise discriminant and clustering analysis was performed by SPSS 19.0 for male and female chicken ecotype separately. Nechi (17.6%), Tikur (12.6%) and Key (10.8%) plumage...

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