



Tropentag, September 17-19, 2018, Ghent

“Global food security and food safety:
The role of universities”

Economic Impact on Goat Production for Food Security in Rural Sudan

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Abstract

Sudan is recognised worldwide as rich country of the livestock population in Africa. Livestock has consistently been the biggest contributor to the agricultural sector in country. Goat production In Sudan it has substantial important in the rural households income and nutrition. This study preformed in the rural area in Khartoum State. In the last years, Sudan faced by many problems in the national economy particular after separation of the former Sudan into two countries. Beside the globe climate change has significantly affect the nature of animal biodiversity and their production. The main goal of the study are to examine the role of goat in filling the gap of food shortages of the rural people while the specific objectives were to predict the main factors face the food insecurity in rural areas and to analysis the economic situation of the goat production in the region. The study mainly relied on the primary data collected from the goat producers in the region during season 2017/2018. Additionally supportive secondary data is collected. The keys information related to food security analysis and goat production are gathering using multi-stratified sample technique. Different methods of analytical tools of data analysis are achieved which is generally concentrated on the analysis of the food security index and factors. The study results indicate that majority of the goat producers are landless and illiterate. The contribution of the goat production in the household income is less than the contribution of the other types of animal owned by the same producers. The households that owned the goat are more food secured than that owned no goat. The educated households are more secured than the illiterate one, while the food utilisation and access are more associated with the ownership of goat.

Keywords: Food Security, Goat, rural Sudan