

Sheep Breeding: Studies in the Agricultural and Food Sciences

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Full length Research Paper

Traditional husbandry practices of indigenous sheep types in Selale Area, Central Ethiopia

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The study was conducted in Debre Libanos and Wuchale Districts of Selale area, Central Ethiopia with the objective of assessing traditional husbandry practices of indigenous sheep types. A total of 300 households (150 in Debre Libanos and 150 in Wuchale district) were randomly sampled for the interview in selected and surrounding Kebeles having similar production system. A semi-structured questionnaire and group discussion were used to gather husbandry practices. The result showed that most of the households heads are males (77.33%) and mixed crop-livestock system is their production system. The chi-square test in both Wuchale and Debre Libanos district indicated that there were significance differences ($P < 0.05$) between sexes, among educational status and among the age of the respondents. Sheep were kept predominantly as source of income generation. The major purpose of keeping male sheep across both districts was primarily for to be used as an income with an index ranging from 0.46 to 0.50, followed by meat with an index ranging from 0.16-0.18. Almost all respondents provided night shelter for their sheep, in adjacent to main family house (30.33%), in a separate shed purpose-made for sheep (25.33%) and in the main family house with some sort of partition (44.33%). Natural pasture and crop residue were the main feed sources and rivers and spring water were main water source for sheep and Fasciolosis, sheep pox and foot rot were the major reported sheep disease in the studied areas. The improved husbandry practices in the livestock farming make it more sustainable and profitable livelihood especially to the rural backward people. Thus, technological intervention is very vital to these traditional practices for the improvement of sheep production in the studied area.

Key words: Husbandry practices, major diseases, Selale area, sheep population.

INTRODUCTION

Almost all the Ethiopian rural population is involved in animal husbandry as a source of draft power, transportation, food, family income, employment opportunity and related farming inputs such as fertilizer (FAO, 2004). Farm animals as a whole are an integral part of the country's agricultural system and are raised both in the highland and lowland areas. In developing countries, livestock production is mostly subsistence

oriented and fulfills multiple functions that contribute more for food security (Roessler et al., 2008; Duguma et al., 2010).

Ethiopia is home for at least 9 breeds and 14 traditional sheep populations (Solomon et al., 2007a) with an estimated 25.9 million heads. Out of which about 73.1% are females, and about 26.9% are males (CSA, 2010). Of the total sheep population, 75% is

Studies in the Agricultural and Food Sciences . Sheep Breeding, Second Edition covers sheep breeding in its widest context through a collection of papers .A volume in Studies in the Agricultural and Food Sciences Sheep Breeding, Second Edition covers sheep breeding in its widest context through a collection of.Sheep Breeding, Second Edition covers sheep breeding in its widest context through a collection of papers about sheep breeding from experts.Planning Your Sheep Handling Facility (Ministry of Agriculture Food & Rural Affairs) Sheep Production and Management: Sheep Health (New Mexico State .Brand new Paperback. All orders get full access to our online order status tracking service, allowing you to view realtime order progress. Please note that first.Agriculture and Food Sciences Research, , 3(1): 20 Local sheep and goat breeds in Nigeria have the potential to supply a significant portion of the .Manuscripts on any aspect of research of direct relevance to Irish agriculture and food production, including plant and animal sciences, food science.Faculty of Agricultural and Food Sciences and Environmental Management One of the research of our department is to develop breeding programmes. In respect to sheep breeding for the last few years our co-workers are studying Most of the products produced by livestock are utilized as food, and.Turkish Journal of Agriculture - Food Science and Technology (TURJAF) aims to will be given to studies involving farm animals (cattle, buffaloes, sheep, goats, systems, agricultural economics, genetics and plant breeding, forest science.Plant sciences, sustainable farming systems and food quality. Shopping Cart: Australian Journal of Agricultural Research 17, CrossRef Dickerson GE, Glimp HA () Breed and effects of lamb production of ewes. Journal of.UCD Lyons Research Farm is the teaching and research facility operated by University for the School's of Agriculture and Food Science and Veterinary Medicine. and research in the areas of beef, crops, dairy, equine, sheep and pigs. led research centre will investigate innovative models of milk production and make.of Agriculture and Food Science will be exhibiting at 'Sheep Farm to with the common aim of capitalising on the potential that sheep production offers.Head,School of Agriculture,Food Science & Veterinary Medicine 05 . on estrus synchronisation and fertility during the breeding season in ewes'.AUS-MEAT () 'Sheepmeat/Goat language. New Zealand Journal of Agricultural Research 50, 89 Journal of Food Science 43, Studies are being conducted on the mode of inheritance of high reproductive performance of the Olkaska (O) Agricultural and Food Science, 60(6), Agricultural Research Centre of Finland, Plant Production Research, FIN Jokioinen, on reproductive performance of adult Finnish Landrace ewes.Location: C. Oran Little Research Center Sheep Unit, Midway The keynote speaker will be Mr. Warren Beeler, Director of the Governor's Office of Agriculture Policy. Debra Aaron: Professor, Animal and Food Sciences finishing market lambs,; a stud ram battery, and; breeding sheep for sale.The Georgia Small Ruminant Research and Extension Center (GSRREC) is the control in sheep, invasive vegetation management with sheep and goats, breed sensory laboratory in addition to food science and chemistry

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