

CONSTRAINTS TO SWINE PRODUCTION AND MARKETING IN KANGINIMA SUB-COUNTY, PALLISA DISTRICT

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DECLARATION

I MULABBI EMMANUEL hereby declares that this dissertation is my work and has never
been submitted to any other university or any other institution of learning for any award.
Signature #166 Date 31607/2015.

APPROVAL

This dissertation has also been supervised and submitted with the approval of my supervisor.

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DEDICATION

This dissertation is dedicated to all people who love improving and modernizing Agriculture through research and extension services, May the Almighty God Bless you in the Struggle to Modernize Agriculture.

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LIST OF ABBREVIATIONS

ASF

African swine fever

DRC

Democratic Republic Of Congo

FAO

Food and Agricultural Organisation

MAAIF:

Ministry of Agriculture Animal industry and Fisheries

NGO

None Governmental Organisation

NAADS:

National Agriculture Advisory Services

SDA

Seventh Day Adventist

UBOS

Uganda National Bureau of Statistics

WH O

World Health Organisation

ABSTRACT

Across sectional survey was carried out to unearth the constraints to swine production and marketing with emphasis on socio-Economic, management and general constraints to marketing of pigs and improvement strategies for pig production and marketing. Both quantitative and qualitative data was collected using structured questionnaires and interview guide. Statisfical Package for Social Scientists (SPSS) version 16 was employed for the data analysis. The results were presented in form of tables, pie charts, and graphs. The study found out that; insufficient capital (17%), expensive feeds (84%), socioeconomic constraints such religious criticism from the Muslim and neighbours (100%) were noted as major socio economic constraints while lack of pig housing facility (64%), inaccessibility to extension services (66%), disease and parasite (17%), rearing of less productive local breeds (41%) were the major management constraints cited. Poor infrastructure (33%), irregularities in pig price (64%), low demand for the mature pigs of a big size (1%), religion (98%), competition from other livestock sectors like cattle (1%) were cited as problems affecting marketing of pigs. Improvement strategies identified included government provision of subsidies on animal feeds (80%), provision of feeds processing plants (14%), putting in place a regulation to reduce on killing of pigs by people whose culture or religion taboo pigs (3%), and bringing veterinary service close to the people (36%). There was request for timely availing of movement permits for pigs to ease marketing (100%) and pig farmers forming farmers association to easily access government aid and also market pigs as a group (6%), use of social med in to provide market information (71%) among other strategies

The study concluded that insufficient capital, expensive feeds, culture and religions that taboo pigs were the major socio economic constraints to swine production, while lack of housing facilities, inaccessibility to extension services, disease and parasites were the major management constraints that restricted swine production.

It was therefore recommended that:- the district production department should develop an appropriate package that can be used by extension staff to sensitise the local community about modern farming practice like up grading of the pig breeds and also convince farmers that piggery is a highly productive enterprise that can help to alleviate poverty. Government should also come up with policies that aim at availing credit service to farmers so that they can adopt commercial farming.

CHAPTTER ONE

1.1 Background

Pigs just as other livestock play a big role to the livelihoods of majority of the poor people in the developing world (Perry and Sones, 2007), pork consumption has continued to register strong growth, partly due to rising incomes and a growing human population (Trostle, 2010). Pig farming has been found to be more popular in the peri-urban farming than rural (Perry, 2002); because the pigs can be managed on a small land area (Brown et al, 2001). Pigs have higher turnover rate due to large litter sizes, shorter gestation period and lower feed conversion ratio, as compared to most livestock species. As a result the pigs are more profitable livestock farming venture, since more meat is produced and sold during the life span of a pig, as compared to other domestic animals (Owen et al., 2005) The rising demand for livestock products in Africa has resulted in an increased use of intensive pig production systems across the continent. The world livestock sector globally is highly dynamic that in developing countries it is evolving in response to rapidly increasing demand for livestock (Thornton, 2010). Pigs are not only sold as pigs but they are also marketed as pork or fried. According to (VAN CAMPENHOUT et al., 2012.), the average household budget share for pork reduced slightly from 6.26% in 2005/06 to 5.77% in 2009/10. In Uganda, consumption of pork increased by 21.2% annually from 1980 to 1990 and by 3% annually from 1990 to 2000 (FAO and 2005.) By 2011, Uganda had one of the highest per capita consumption of pork in sub-Saharan Africa, reaching 3.4 kg/person/year (Ballantyne, 2012). According to the 2008 livestock census report, Uganda's pig population was estimated to be about 3.2 million pigs and out of this, about 33% were located in northern and eastern Uganda (UBOS and 2009). Pig production is popular in these regions following the loss of a large cattle and goat population during the time of civil unrest, which left many households poorer (FAO et al., 2004). Aware of this and the contribution of pig farming towards poverty alleviation, the government of Uganda, through the National Agricultural Advisory Services (NAADS) and the development partners, actively promoted pig production in Uganda. A recent study by (Muhanguzi et al., 2012) describe pig production in urban areas of Uganda, such as Kampala, as being predominantly intensive and semi-intensive with the predominant breeds being the exotics (Landrace and Large White) and their crosses. Livestock production is a major component of the agriculture industry in Uganda contributing 9% of Gross Domestic Product and 17% of Agricultural Gross Domestic Product (UBOS, 2009). Pig production is a viable livestock system in East Africa, playing an important role in pork production either for home

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