
**A SURVEY ON THE IMPACT OF COVID 19 ON ANIMAL PRODUCTION AND
MARKETING**

BY

ESUDU ESWILU LINUS

BU/UP/2017/184

Email; eswilu4@gmail.com

ACADEMIC SUPERVISORS

DR. KENETH ICELAND KASOZI

&

DR. GERALD ZIRINTUNDA

**A RESEARCH DISSERTATION SUBMITTED TO THE FACULTY OF
AGRICULTURE AND ANIMAL SCIENCES IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE AWARD OF THE BACHELOR'S DEGREE IN ANIMAL
PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY**

FEBRUARY 2021

DECLARATION

I, **EsuduEswilu Linus** hereby declare that this project is my original work and has never been submitted to any other university or institution of higher learning for the award of any degree.

Signature..... Date.....

Approval

This project was carried out by me under the maximum supervision of Dr. Gerald ZIRINTUNDA and Dr Keneth Iceland KASOZI. This dissertation has been submitted for examination with the approval of

Dr. Keneth Iceland KASOZI, Academic supervisor

Signature Date.....

Dr. Gerald ZIRINTUNDA

Head of Department animal production and management

Faculty of agriculture and animal sciences

Busitema University

Signature.....Date.....

DEDICATION

This work is dedicated with love and utmost regard to my parent Mrs. Amuge Lily Esudu and my brother Eswilu Donath, Sisters, and the entire family

ACKNOWLEDGEMENT

First, I wish to thank God Almighty for His grace and for giving me the opportunity and strength to go through my research.

I wish to acknowledge and appreciate my supervisors **Dr. Gerald ZIRINTUNDA, Dr. Keneth Iceland KASOZI and Mr. Joseph MBOGUA** head of research for their continuous guidance, support and encouragement throughout my study. Successful accomplishment of this research work would have been impossible without their assistance.

I also wish to convey my special regards to my mother, Mrs. Amuge LILY ESUDU and brother Eswilu DONATH, sisters and my beloved friend Masaba BILL for their financial support and encouragement. I am indeed grateful to them for being there for me and for their prayers. May GOD reward all abundantly.

Lastly, but not least I sincerely thank the Department of animal production and management in the faculty of agriculture and animal sciences, Busitema University Arapai campus for allowing me carry out my research in such a wonderful topic of my interest

Table of Contents

DECLARATION	ii
DEDICATION	iii
ACKNOWLEDGEMENT	iv
LIST OF TABLES	vii
ABSTRACT	viii
CHAPTER ONE	1
1.0 INTRODUCTION	1
1.1 Introduction	1
1.2 Research Problem	2
1.3 OBJECTIVES	2
Specific objectives	2
1.4 Significance of the study	3
1.6 Justification of the study	3
1.7 Scope of the study	3
2.0 LITRETURE REVIEW	4
2.1 Determining the effect of COVID-19 restrictions on the different animal enterprises in the Teso region	4
2.2 Comparing the financial effects of COVID-19 on different animal enterprises and in different districts in Teso region	5
2.3 Ranking the defying of animal restrictions during the COVID-19 restrictions	6
2.4 Comparing disease prevalence before and during the COVID-19 restrictions	6
CHAPTER THREE	7
3.0 MATERIALS AND METHODOLOGY	7
3.1 Research design	7
3.1 Study areas	7
3.2 Sampling technique and sample size	7
3.3 Data collection	7
Equipment List	7
3.5 Data analysis and presentation	8
3.6 Ethical considerations	8
3.7 Environmental concerns	8
3.8 Anticipated limitations	8
CHAPTER FOUR	9

4.0 RESULTS	9
4.1 Description of study participants.....	9
4.2Effects of the COVID- 19 restrictions on different animal enterprises in the Teso region ...	10
CHAPTER FIVE	16
5.0DISCUSSION	16
CHAPTER SIX	18
6.0 CONCLUSION AND RECOMMENDATION	18
6.1CONCLUSION	18
6.2 RECOMMENDATIONS.....	18
APPENDICES	19
REFERENCES.....	20

LIST OF TABLES

Table 1 Description of study population.....	9
Table 2 Effects of COVID-19 restriction on different animal enterprises in Teso Region	10
Table 3 Financial impact of COVID-19 lockdown on livestock productivity in Teso region	12
Table 4 ANOVA on the financial and waste production effects associated with covid19 amongst livestock business owners in Teso region.	14

ABSTRACT

The world witnessed numerous epidemics and pandemics that have affected thousands to millions of lives. As a new pandemic, COVID-19, causes severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) which started in China in December 2019 and has rapidly spread around the world. As of June 22, 2020, more than 9 million cases of COVID-19 occurring in at least 188 countries and territories were reported. Fortunately, as global attention has been given to COVID-19 as a public health crisis. Discussion of the economic impacts is largely focused on the loss of jobs or incomes due to the global shutdown of nonessential businesses, but less attention has been given to the impact of travel restrictions and market closures on subsistence-level farmers, including livestock producers, and their ability to meet their household needs while protecting their livelihoods. Therefore, this situation's effect on animal production and marketing and its' relevant economic impact on livestock, if not addressed, will either bring short or long-term effects and will negatively affect households' and the country's economies the objectives of survey was to establish the impact of COVID- 19 on Animal production and Marketing arising from demand of animal products and services,determine the effects of the COVID- 19 restrictions on different animal enterprises in the Teso region and compare the financial effects of COVID-19 on the different animal enterprises and districts in Teso region.

The study showed that majority of study participants are males (73.6%), married (80.8%), and business persons in animal products (77.6%). Most study participants had secondary level of education (43.3%), and a many where from Kaberamaido (32.8%) and also in this period, generally treatments were very low (52.8%), majority of participants were from open-air markets and were affected by the lockdown (94.4%). Most of the farmers in the poultry industry reported closed markets (29/31). The study also showed that screening of humans against covid19 at livestock markets was not being done during the lockdown (117/125), professional hand washing facilities where not installed at most business shops/centers (54.4%), and no customer hand washing facilities were required from customers (52.0).

Most enterprises recorded recommendable drop in prices of livestock products of 50% from the normal prices and increase in waste products.