

H1 60

BUSITMA UNIVERSITY

P.O BOX 236

FACULITY OF AGRICULTURE AND ANIMAL SCIENCE

ARAPAI COMPUS SOROTI

STUDENT INTERNSHIP REPORT

INDUSTRIAL TRAINING (INTERNSHIP) CARRIED OUT IN BUDUDA TOWN COUNCIL ON ANIMAL PRODUCTION SECTOR FROM 28TH FEB TO 6TH MAY 2022.

BY

NAME: NABUKALASI GODFREY

REG NO: BU/UG/2020/2415

COURSE: DEPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT.

COURSE CORD DAP1301

SUBMIT BY :18TH MAY 2022

INDUSTRIAL TRAINING REPORT TO BE SUBMITED TO THE DEPARTMENT OF AGRIBUSINESS OF BUSITEMA UNIVERSITY ARAPAI CAMPUS SOROTI IN PARTIAL FULFILMENT OF THE REQUIREMENT OF THE AWARD OF A DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT (DAP).

MAY, 2022

DECLARATION

I NABUKALASI GODFREY declare that this report given is not a duplicate but it is my own piece of work and none has ever submitted it to any institution of higher learning for award of any discipline, its true and based on my experience and struggle I NABUKALASI GODFREY came out with the necessary data for what is expected in the practical field of animal production.

Student Name	NABULALASI GODFREY
Sign	the state of the s
Date	12/5/2022
	CLASS NO. PAA 17-30

APPROVAL

The report is submitted with the approval of the field supervisor, district production officer and campus supervisor as signed below;

Field Supervisor's Name	MASABA FRED
Sign	Allth Tred.
Date	124/05/2022
District production officer (DPO) Sign Date	CHIEF PRODUCTION OFFICER. 13 S 2022 BUDUDA DISTRICT LOCAL GOVERNMENT
Academic supervisor Sign Date	

LIST OR TABLE OF CONTENT

Declaration i
Approvalii
List/ table of contentiii
Dedicationiv
Acknowledgementv
List of abbreviation and acronymsix
Abstractx
CHAPTER ONE1
1.1 Background11.2 Physical background of Bududa District11.3 Geographical location of Bududa1
1.4 Population of Bududa District.11.5 Economic activity carried out in Bududa District.21.6 Objectives of the study.21.7 Significance of the training.21.8 Production department organization of Bududa District.21.9 Scope of training.3
CAPTER TWO4
2.1 Selected case studies or implemented activities
2.2 Meat inspection
2.2.1 Objectives of meat inspection
2.2.2 Ante-mortem inspection
2.2.3 Post-mortem inspection
2.2.4 Methods of meat inspection
2.2.5 Liver cirrhosis
2.2.6 Judgement of liver cirrhosis
2.2.7 Other areas of post-mortem inspection
2.2.8 Identification or estimation of age6
2.3 animal treatment8
2.3.1 Objectives of animal treatment8

2.3,2 I	Mastitis8
2.3.2.1	Types of mastitis8
2.3.2.2	Causes of mas8
2,3.2.3	Treatment of mastitis8
2.3,2.4	Clinical signs of mastitis9
2.3.3	Foot rot9
2.3.3.1	Clinical signs of foot rot9
 2.3.3.2	Prevention of foot rot
2.3.3.3	Treatment of foot rot
2.3.4	Bloat
2.3.4.1	Signs of Bloat10
2.3.4.2	Treatment of Bloat10
2.3.5	East coast Fever in cattle10
2,3,5,1	Signs of East coast Fever
2,3,5,2	Treatment of East coast Fever,
2,3,5,3	Prevention of East coast Fever
2.3.6	Trypanosomiasis
2.3.6.1	Clinical signs of Trypanosomiasis
2.3.6.2	Diagnosis of Trypanosomiasis
2.3,6.3	Diagnosis of Trypanosomiasis
2.3.6.4	Treatment of Trypanosomiasis
	Control of trypanosomiasis
2.4 A	nimal Distocia
2.4.1Ab	normal delivery
2.4.2 Re	normal delivery
2.4.3.1	Causes of retained placenta
2.4.4.21	Help given to animal having retained placenta
2.4.3	Uterine prolapse
2.4.6 H	lelp rendered to animal of Uterine prolapse
2.5 na	sture management15

2.5.1 importance of pasture
2.5.1 pasture establishment
² 2.6 Castration
2.6.1' Objectives of castration
2.6. 2 Procedure for castration
2.6.3 Rubber ring illustrator
2.6.4 list of tools used for castration
 2.7 Dehorning 18
2.7.1 Objectives of dehorning
2.7.2 Procedure of dehorning
2.8 vaccination of poultry and dogs19
2.8.1 Vaccination of poultry
2.8.1.1 Diseases vaccinated in poultry
2.8.1.2 Mixing of Vaccines
2.8.2 Vaccination of dogs
2.8.2.1 Procedure for vaccination of dogs
2.8.2.2 Records taken during vaccination of dogs
2.9 Control of various parasites in cattle
2.9.1 Parasites
2.9.2 Effects of parasites
2.9.3 Control of external parasites
2,9,4 Acaricides used
2.9.5 Objectives of spraying21
2.9.6 Control of parasites
2.9,7 Effects of worms
2.10 Milk production, transportation and testing23
2.10.1 Importance of milk in Bududa Town Council
2.10.2 Transportation and marketing of milk in Bududa Town council23
2.10.3 Production of good quality milk
2.10.4 Qualities of good milk

2.10	26 The composition of milk
2.13	The problems faced by the animal industry in Bududa Town Council27
CH	APTER THREE28
3.1	Challenges I faced during my training28
3.2	General challenges faced by livestock famers in Bududa Town Council
CI	HAPTER FOUR29
4.0	Assessment of field work29
 4.1	Benefits I got from field work29
4.2	Influence of the internship on the future career plans29
4.2	Influence of the internship on the future career plans29
4.4	Recommendations29
4,5	CONCLUSSIONS30

List of tables and Figures

1.	Figure 1.8.1 shows the organogram of production department in Bududa District	3
2.	The figure 1 shows the passing of the carcass after inspection by stamping it	
3.	The figure 3 shows the effect of foot rot and treatment in cattle	10
	The figure 4 shows the animal treatment of East coast fever	
	The figures 7 show the most pastures and grasses in Bududa	
6.	Figure 8 shows vaccination of poultry	20
	The figure 9 shows testing for presence of water in the milk	
	The figure 10 show the filtering of milk	
	The table 1 shows the composition of milk	



DEDICATION

I would like to dedicate this report to my parents Mr. Malisa Constant and Robina Namasopo and my supervisors Dr.Odong Felix, Masaba Fred together with madam Nabulime Loy for the support they rendered to me during my study and industrial training. I pray to the almighty God to reward and bless them abundantly.

ACKNOWLEDGEMENT

The completion of this work has been as result of individual participation and support from many people. It is impossible to mention all their names but my heart felt appreciation goes to the following: The Almighty God for His protection, provision, care, guidance, knowledge, and wisdom for me to come out with this piece work or report. May His name be glorified.

I wish to express my innermost and heartfelt appreciation to my dear and beloved parents Mr. Malisa Constant and Mis Robina Malisa for the love and assistance towards this report.

Thanks to the management and staffs of Bududa Town Council especially the Town clerk Mr. Muboki Paul, Mayor Mr. Kuloba Ali for the love and encouragement they gave me and entire management of Bududa district especially the chief administrative officer (CAO) and the human resource manager (HR) for accepting me and the support they gave me during my field attachment in Bududa Town Council especially in animal production department or sector.

Thanks to my field supervisor's Dr Odongo Felix and Mr. Masaba Fred for their guidance, advice, encouragement and support. For they worked tirelessly to see that I complete this work during my internship.

My sincere appreciation goes to my campus supervisor Madam. Nabulime Loy who sacrificed her time to come and check on me during the training. Her encouragement was so instrumental to me to ensure that I complete this work successfully may the Almighty God Bless her.

At the same time, I do appreciate the effort my primary teachers, secondary teachers, Instructors from BVTPC and last but not least my lecturers of Busitema university Arapai Campus

LIST OF ABREVIATIONS AND ACRONYMES

BTC Bududa Town Council Dr. Doctor DAO District Agricultural Officer DCO District Commercial Officer DENT District Entomologist DFO District Fisheries Officer DVO District Veterinary Officer FAO Food Agricultural Organization F.M..D Foot and Mouth Disease L.S.D Lumpy Skin Disease MAAIF Ministry of Agriculture Animal industry and Fisheries **NAADS** National Agricultural Adversary Service S/C Sub-county TB **Tuberculosis** T/C **Town Council** DPO **District Production Officer BVTPC** Benedictine Vocational Training and Production Center Mr. Mister BUAC Busitema University Arapai Campus OTC Oxy Tetracycline DAP Diploma in Animal Production AAHO Assistant Animal Husbandry Officer

Abstract.

I compiled this report during my industrial training which began on 28th February and ended on 6th may 2022. The training was conducted for 10 weeks and it was carried out in Bududa Town Council the chief Town of Bududa district in Uganda. The work was done under the supervision of Mr. Masaba Fred the field supervisor, Dr. Suzan Balibali the district veterinary Officer, Dr. Odong Felix the district production officer and Madam Nabulime Loy the academic supervisor from Busitema university Arapai campus.

This work was done to fulfil the requirement of a diploma in animal production and management (DAP) from Bustema university Arapai campus putting much of theoretical work from lecture rooms in to practical in the field or farm management to learn and judge on the performance of different classes, breeds of animals and also different diseases affecting them as seen in chapter two

I participated in animal treatment, meat inspection, animal dystocia, pasture management, castration, dehorning, vaccination against various animal and poultry diseases, control of various parasites in cattle, milk production disease surveillance and learning problems

faced by animal industry in Bududa Town Council as explained in chapter two. These activities were done out of proper time allocation and management as the supervisor was egger for me to learn much I also faced some challenges during the training and there are also challenges famers also face in Bududa Town Council as seen at the end of chapter Two and chapter Three.

In chapter three, mainly shows the challenges I faced during my industrial training and also general challenges facing animal industry in Bududa Town council

Chapter Four indicates the assessment of field work like the benefits I got in the training, the influence of internship to my future career, reasons for the achievement of the internship objectives, recommendations and conclusions.

In conclusion Bududa Town Council is such a wonderful and potential place in animal production and on the other hand crop production is very significant or important and always do well. Therefor I would welcome most of the internees to have their practices from this place.

Appendix is the last part of this report having photos and, Work plan showing how I have carrying out my activities during my trading



CHAPTER ONE

INTRODUCTION

1.1 Background

Industrial training is the practice carried out by all students in every institutions, universities and colleges in order to qualify for the award of Masters, Degrees, Diplomas and Certificates. According to Busitema university Arapai campus, every student was dispatched to go and carry out his/her industrial training to the district or Farm or Organization of their own choice. For this reason, I chose Bududa District and on my arrival the DPO deployed me at Bududa Town Council and to work in connection with Bududa District Production Office

The purpose of this training is to improve on my practical skills and knowledge in the course I am offering (Diploma in Animal Production).

During my industrial training I now did my work in Bududa Town Council under the supervision of Mr. Masaba Fred The Town council production Officer / Extension worker, Town Clerk, District Veterinary Officer (DVO) Dr Susan Balibali, District Production Officer (DPO) Dr Odongo Felix of Bududa District.

1.2 PHYSICAL BACKGROUND OF BUDUDA DISTRICT

Bududa District is a district in the Eastern region Uganda as a nation, like most other districts. It is named after its chief town Bududa. Bududa is relatively new district that as originally part of Mbale district and then Manafwa district. The district consists of three counties (Manjiya, Lutsekhe and Bushigai), five town councils, twenty eight sub-counties. It is largely a rural district with eight urban growing centers which are in process of turning into town councils and its chief town Bududa is growing turning into a Municipality.

The main inhabitat of the constituency is Gishu who are cattle keepers. The common grazing system is mainly intensive (zero grazing) although some famers still practice semi-intensive system. Majority of cross, exotic breeds of cattle, local breeds of; pigs, sheep, goats, poultry and rabbits are kept in the district.

1.3 Geographical Location of Bududa District

Bududa is bordered by Sironko District from the north, the Republic of Kenya on the East, Manafwa District from the south and Mbale city from the West.

The headquarter of Bududa is located approximately 23km (14 miles) by road south east of Mbale the largest city in the Sub-region and 263km by road north of Kampala, the capital city of Uganda. The co-ordinates of the district are ;010N,3420E

1.4 population of Bududa District

During the 2002 national census, the district population was estimated about 123,100 people. At the time the district was created in 2006, the district population was estimated about 146,000 people but currently according to the national census in 2014 the population was