



**BUSITEMA
UNIVERSITY**
Pursuing Excellence

40/60

PO Box 236, Tororo, Uganda
Gen +256 45 444 8838
Fax +256 45 4436517
Email info@adm.busitema.ac.ug

www.busitema.ac.ug

**ACOMPREHENSIVE INDUSTRIAL TRAINING REPORT CARRIED OUT AT
LIGHTFORCE INTERNATIONAL FARM OMITO LIRA FROM 28TH-02-2022 TO 6TH-05-
2022**

Compiled by:

OCEN DANIEL

ocendanie2@gmail.com

Contact: 0761612672



PROGRAMME: DIPLOMA IN CROP PRODUCTION AND MANAGEMENT

STD.NO: 1800402448

REG.NO: BU/UP/2018/2448

YEAR OF STUDY: TWO (2)

STREAM: DCP 2 A

**A REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND
EXTENSION IN PARTIAL FULFILLMENT FOR THE AWARD OF DIPLOMA IN CROP
PRODUCTION AND MANAGEMENT AT BUSITEMA UNIVERSITY OF BUSITEMA
UNIVERSITY.**

DATE OF SUBMISSION. 06th-05-2022.

DECLARATION

I OCEN DANIEL do hereby declare that this work is my very original done from LFI and has not been submitted to any higher institution of learning for the award of diploma in crop production and management.

Approval

1. Director *George R. Rusey*
Sign: *[Signature]*
Date: *7/5/2022*



2. Academic supervisor: *Mustafa Andrew*
Sign: *[Signature]*
Date: *7/05/2022*

3. Student: *OCEN DANIEL*
Sign: *[Signature]*
Date: *10th - 05 - 2022*

DEDICATION

This work is dedicated to KING JESUS CHRIST OF NAZARETH for rendering me

His Grace, Mercy and my only mother Mrs. Magaret Ogwete, my siblings who have supported me and made sure that i successfully come out with this final report

This sincere dedication goes to the LFI family Mr.George Ridnil the director for allowing me have the opportunity,Rev.Prisca Auma the deputy director,madam Gloria the human resource,Mr.Fred Ocilo the field supervisor, Mr. Bonny, Mr. Emma, mr Daniel,

And not forgetting the university supervisor Mr.musoba Andrew for giving us his sincere support and opening up our future. May the good LORD BLESS US ALL AMEN.



ACKNOWLEDGEMENT

The great appreciation goes to the almighty God for the outstanding health given and giving me a chance to complete industrial training successfully. A great thanks goes to my field supervisor Mr. FRED OCILO for mentoring me in a technical way and academic supervisor Mr. ANDREW MUSOBA for the great supervision given to me and not forgetting all the university friends and family who actively participated in class and in the farm during farm practices at LFI farm that is to say the formal, the non-formal and the interns.

. I also acknowledge all farm workers not forgetting the head of department's example Mr. Emma head of department poultry unit, Mr. opio Daniel head of department piggery, Mr. Maxwell head of department cattle and goats unit, Mr. ocilo Fred head of department crop unit. Students whom we were able to work hand in hand with them to attain the same goals, aims and objectives of the mighty farm.

2

Table of Contents

DECLARATION	i
DEDICATION	ii
ACKNOWLEDGEMENT	iii
LIST OF ABBREVIATIONS	vii
LIST OF FIGURES AND TABLES	viii
ABSTRACT	ix
CHAPTER ONE	1
1.1 Introduction.	1
1.2. Background of Light Force International (LFI).....	1
1.3 ADRESS:	1
1.4 MISSION:	2
1.5 VISION:	2
1.6 GOALS:	2
CHAPTER TWO (Description of attachment)	4
2.0. Description of attachment.	4
2.1. Objectives of orientation.....	4
. GARDEN, HORTICULTURE AND ORCHARD	5
GARDEN	5
2.2.1. Land clearing and removing of tree stumps	5
2.2.2 Planting of maize.....	5
2.2.3. HORTICULTURE.	5
2.2.3.1 Water melon.	5
2.2.3.2. Tomatoes, cabbage, sukuma wiki and green paper.	6

2.2.4 Weeding	7
2.2.5 Nursery bed	7
2.2.6 ORCHARD.....	7
2.2.6.1. Pruning	8
2.2.7. POULTRY UNIT:	8
2.2.7.10 BROODING.....	11
2.2.8 PIGGERY UNIT.....	12
PIIGGERY UNIT	12
Advantages /benefits of pig production in the farm.....	13
Activities carried out in the piggery unit	13
2.2.8.2 Cleaning of the piggery unit.....	13
2.2.8.3 Feeding of pigs	13
2.2.8.4 Watering of pigs (giving of pigs water)	15
2.2.8.5 Deworming of all the pigs in the unit.....	15
2.2.8.6 Treatment of weaned piglets against diarrhea.....	16
2.2.8.7 Treatment of wounds.....	16
2.2.9 DAIRY AND GOATS UNIT	16
2.2.9.1 FEEDING OF DAIRY COWS AND GOATS:	16
2.2.9.2 MILKING:	16
2.2.9.3 PARASITE CONTROL ACTIVITIES (TICK):.....	18
2.2.9.4. GROOMING OF DAIRY ANIMALS:.....	18
3.0. CHAPTER THREE :(impact of the attachment).....	20
3.1. Skills and qualifications:.....	20
3.2. Responsibilities undertaken during my internship include;.....	20
3.3. Challenges faced:	21

3.4. Influence of training in future:.....	21
3.5 .Correlation of activities with classroom knowledge:.....	21
CHAPTER FOUR: CONCLUSION AND RECOMMENDATION.....	22
4.1. CONCLUSIONS:	22
4.2. RECOMMENDATIONS:.....	22
APPENDICES.....	i
APPENDIX I LIGHT FORCE INTERNATIONAL UGANDA FARMSHOP AND GRILL – LIRA WORKPLAN FOR INDUSTRIAL TRAINING FROM WEEK ONE TO WEEK TEN: WORK PLAN:.....	i
APPENDIX II MAP SHOWING WORKING STATION IN LIGHT FORCE INTERNATIONAL UGANDA-LIRA	vii
APPENDIX III OTHER PHOTOS	viii
REFERENCES	x

LIST OF ABBREVIATIONS

1. WFPWorld Food Programme
2. BUACBusitema University Arapai Campus
3. DCP.....Diploma in crop Production
4. NCDV..... Newcastle Disease Vaccine
5. IT.....Industrial Training
6. LFI.....**Light force international**
7. UNICEF..... **United Nations International Children’s Emergency Fund**
8. IB..... **Infectious bronchitis**
9. NCD..... **Newcastle disease**

LIST OF FIGURES AND TABLES

Table 1 showing list of my group members and their programs.....	4
Table 2 : showing feed formulation formula for layers in 500kg.....	8
Table 3 showing feed consumption rate in broilers.....	9
Table 4 : showing the vaccination schedule for the Layer birds.....	12
Table 5 : showing vaccination programs for broilers.....	12
Table 6 showing Composition of the feeds for sows, gilts and boars in 500kg feed.....	14
Table 7 showing formulation of 160kg feed for weaners.....	14
Table 8 showing feeding ratios of the pigs.....	14
Table 9 showing the dosage of the dewormer (Dectomax) used for deworming pigs i.e. 1ml: 33kg live body weight.....	15
Table 10.: showing the view of a milking chart.....	18
Figure 1 showing pest and disease Diagnosis in potted vegetables.....	viii
Figure 2 showing spraying vegetables against pests and diseases.....	viii
Figure 3 showing feeding layer chicks.....	viii
Figure 4 showing mixing of Gumboro vaccine.....	viii
Figure 5 showing mixing of Gumboro drug.....	ix
Figure 6 showing grooming of cattle.....	ix
Figure 7 showing inspection of the pigs for external parasites.....	ix

ABSTRACT

This report contains and describes the activities implemented, skills and qualifications gained, challenges faced during the industrial training, conclusion of the report and recommendations derived from the challenges faced at LFI farm located at Telela, Omito parish, Lira city west division. The objective of this industrial training is to make students benefit from the skills and knowledge gained from the fields, apply the knowledge they get from the classroom in the field and build confidence in the students. During internship I was attached to the department of animal production and crop production. With the following units; poultry unit, garden orchard and horticulture, cattle and goats units and finally piggery unit. Among the different activities, they included; animal management practices, animal treatment, vaccination of chickens. These activities have made me to gain a lot of skills and knowledge like; Deworming of goats and cattle, skills in Castration, skills in general management of animals, communication skills and confidence in training farmers on animal and crop management, During internship, I also face some challenges like; machine operations, lack of veterinary drugs and equipment at the farm, difficulties in implementing the possible solution to certain problem we encountered at the farm, lack of enough tools and equipment.

In conclusion all the activities were implemented and industrial training was carried out successfully. I was able to gain a lot from it.

CHAPTER ONE

1.1 Introduction.

- This report describes the activities implemented, skills and knowledge gained, challenges faced during the internship, conclusion of the report and recommendations derived from the challenges faced at Light Force International Farm, Uganda in Lira City during the duration of industrial training.

1.2. Background of Light Force International (LFI)

Light Force International– Lira is a Christian base organization founded by Preacher of word (missionary) Sir George Ronald Ridnil which was founded in 2003 under Light agency in UK. LFI has worked in Lira, northern Uganda since January 2004 initially working in the displaced peoples camps at the height of the rebel insurgency which devastated people's lives. After a holding peace was in place, those displaced moved back to their land.

LFI supported the return process and worked with communities with special emphasis on the education and health sector. LFI has enjoyed partnership with World Food Programme (WFP), UNICEF and Memisa Belgium

Since 2007 LFI has purchased land and developed projects in Telela, Omito Parish Lira. Whereby over 50 local people have been employed to support the running of the project which included Agricultural and vocational schools, Nursery and Primary schools, Children's village, Visitor's center and Community Health Center. We Farm 140 hectares with a mixture of crop and livestock.

1.3 ADRESS:

Telela, Omito Parish Lira city west

Email: grr@lightforce.org.uk

Website: www.lightforce.org.uk