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**A COMPREHENSIVE REPORT ON INDUSTRIAL TRAINING CARRIED OUT AT  
LIGHTFORCE INTERNATIONAL FARM- LIRA**

**FROM 28<sup>TH</sup> FEB 2022 TO 6<sup>TH</sup> MAY 2022**

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**YEAR OF STUDY: ONE 2020/2021**

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

**DATE OF SUBMISSION..1<sup>st</sup>.....1<sup>st</sup>5.....12<sup>th</sup>2022**

**DECLARATION**

I KODI JONAN, a student of BUAC DAP<sub>1</sub> declare that I did my internship at LFI and this report is out of my devoted work at LFI farm not from somebody else and has not yet been submitted to any university or institution for award of any academic credit

**Approval**

1. Student..... KODI JONAN .....  
Sign: ..... [Signature] .....  
Date: ..... 02/05/2022 .....

2. Field supervisor/Director: George R. Ridley .....  
Sign: ..... [Signature] .....  
Date: ..... 2/05/2022 .....



3. Academic supervisor: .....  
Sign: .....  
Date: .....



## **DEDICATION:**

Firstly, I dedicate this report to the almighty God for always being on my side from the beginning till now any credit to this report is for the glory of Him. Secondly, I dedicate this report to the HESFB for the opportunity they granted to me to study this course (DAP). I also dedicate this report to my mother MRS BETTY OPITO and my grandmother MRS EPRONANCY AUCU for all the struggles they have been making towards my academics. I also dedicate this report to my in-law WALTER OGWANG and my sister BEATREACE OGWANG for the financial and benevolent support rendered to me during the course of the studies and internship. Sincere dedication also goes to DR PATRICK OKWANY for the advice he has been giving me throughout the course of my studies and internship. I also dedicate this report to all my class lecturers for equipping me with the theories in class which I was able to do practically during industrial training.

I also dedicate this report to the director LFI for allowing me to do my industrial training in his farm. Also to the entire staff of LFI particularly, MR FRED OCILO (field supervisor), MR ALENGO BONNY (H.O.D garden), Mr. Okori Emmanuel (H.O.D poultry) for the struggle they have made to ensure I gained enough skills during the period of my internship. I also dedicate this report to my academic supervisor MR MUSOBA ANDREW for the encouragement he gave me during the time of supervision. Sincere dedication also goes to my brother OLOBO HARRON and my catechist MR DUNYIRO JASPER for the encouragement and prayers against all harm that may arise during the course of my studies. Also to my brothers ONGOM DENIS and OPITO GABRIEL NELSON and sisters ATOKE ESTHER and ABUTI GLORIA for good heart towards my studies and always staying in touch with love and happiness. Finally to my fellow students of BUAC whom we did the internship with at LFI for their encouragement during field work at the time when things seems not to be going on well. And my dear friend Wilfred aguti

## **ACKNOWLEDGEMENT**

The great acknowledgement goes to the almighty God for giving me outstanding health opportunity to complete industrial training successfully. A great thank goes the director light force international sir George and assistant director REV. PRISCA LINDA AUMA for allowing me do my internship at his farm 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 my in-law MR WALTER OGWANG and my sister BEATREACE OGWANG for the benevolent support granted to me during the internship, also my mother MRS BETTY OPITO and my grandmother MRS EPRONANCY AUCU for the struggles they are making towards my studies. Not forgetting all the university lecturers who lectured me actively in class and in the farm during farm practice giving me skills which I was able to apply in the field during industrial training. I also acknowledge all my friends from the University, farm workers and non formal students whom we were able to work hand in hand with them to attain the same goals, aims and objectives of the mighty farm and my internship.

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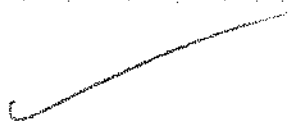
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## LIST OF ABBREVIATION

1. FAAS.....Faculty of Agriculture and Animal Science
  2. LFI .....Light Force International
  3. WFP .....World Food Program
  4. BUAC .....Busitema University Arapai Campus
  5. DAP.....Diploma in Animal Production
  6. NCDV..... Newcastle Disease Vaccine
  7. IT.....Industrial Training
  8. HESFB.....Higher Education Students Financing Board
  9. IBD.....Infectious Bursal Disease Virus.
  10. IB .....Infectious Bronchitis.
  11. MR.....Mister
  12. MRS.....Misses.
  13. H.O.D.....Head Of Department
- 

## **LIST OF FIGURES AND TABLES.**

Table 1. showing list of my group members and their programs.

Table 2. showing feed formulation formula for layers in 500kg.

Table 3. Showing feed consumption ratio in broilers.

Table 4. Showing vaccination schedule in layer birds.

Table 5. Showing programs for broiler birds.

Table 6. Showing feed formula for sows, gilts, and boars in 500kg of feeds.

Table 7. Showing feed formula for weaners in 160kg of feeds.

Table 8. Showing feeding programs in pigs at LFI.

Table 9. Showing the dosage of the dewormers (dectomax) used for deworming pigs i.e. 1 ml: 33kg body weight.

Table 10. Showing the view of a milking chart.



## ABSTRACT

This report contains and describes the activities implemented, skills and qualification gained, challenges faced during the industrial training at LFI Lira. The objective of the industrial training is to make students benefit from skills and knowledge gained from the field, apply the knowledge they get from the classroom in the field, build confidence in the students in the internship and to introduce students to the working environment. Light force international is a non profit organization located in Telela, Omito parish, Adyel division, Lira city. It has four units which includes, garden being the broadest with sub units like garden, horticulture and orchard, poultry unit which consist of broilers, layers and kuroilers chicken, turkey and duck, piggery unit has large white and camborough and dairy and goats units have freshian cows and south African boar goats. I arrived at the farm on the 28<sup>th</sup> February 2022 and was oriented together with my fellow students from busitema university where we was introduced to the farm and later implemented activities such as; land preparation, nursery bed site preparation, planting seeds in the nursery bed and seed bed, watering and spraying, pruning, disease diagnosis and treating livestock, raking and changing litter, disease diagnosis , collecting eggs, Brooding, postmortem, vaccinating birds, transplanting vegetables, training of the non formal students. This activities made me to attain skills and knowledge in treating animals using different routes like I/M, S/C, I/V and oral routes using various drugs like ivermectin, tetracycline and dewormers among others, the general management of crop and livestock, communication skills and confidence in doing practical things. During internship I also faced some challenges like confusion from the university on the actual duration of the internship which make planning difficult, long distance from my residential place to the farm, unfavorable climate which delayed some farm operation like planting maize. Conclusively, amidst all the challenges, I was implement 90% of the activities planned and completed industrial training successfully and gained a lot from it. I was in position of getting practical skills and knowledge in line to my career and relating with people in the field. Much as all were successfully done, there are also some little challenges which hindered the smooth running of some activities making me recommend that more tools should be added in the garden unit, the university should be clear on the exact duration of internship to avoid confusion. Lastly goat's shelter should be improved to protect them from harsh weather condition and their feds should be interchanged with fresh greens to improve on their body condition.

## **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 Telega, 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. ADDRESS:** [grn@lightforce.org.uk](mailto:grn@lightforce.org.uk)

**1.4. MISSION:** to uphold justice through sustainable solution

**1.5. VISION:** to provide early childhood development to pre-aged children from the slum where the project is located.