



P.O. Box 236, Tororo, Uganda  
Gen. +256 - 45 444 5838  
Fax. +256 - 45 4436517  
Email: info@adm.busitema.ac.ug  
www.busitema.ac.ug



**FACULTY OF AGRICULTURE AND ANIMAL SCIENCES**

**A REPORT ON ACTIVITIES AND FARMING SYSTEMS PRACTICED AT AMELIA FARM IN KIKUBAMUTWE NANKWANGA VILLAGE, WAKISI DIVISION IN BUIKWE DISTRICT CENTRAL UGANDA AND THEIR IMPACTS TO THE COMMUNITY.**

**BY  
MANGENI JOHN DABA  
BU/UP/2020/1340**



**INTERNSHIP REPORT TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION FOR THE PARTIAL FULFILMENT OF THE REQUIREMENT OF THE AWARD OF BACHELOR'S DEGREE IN AGRIBUSINESS AT BUSITEMA UNIVERSITY**

**MAY, 2022**

**DECLARATION AND APPROVAL.**

38

I MANGENI JOHN DABA solemnly declare to the best of my knowledge that this industrial training report is my work and truly based on my efforts and direct participation under the guidance of the senior professionals and has never been submitted for any academic award.

Student signature

..... 

MANGENI JOHN DABA

Date..... 03/05/2022 .....

ACADEMIC SUPERVISOR'S NAME

.....

SIGNATURE.....

DATE.....

**APPROVAL**

The report is submitted with approval of Field Supervisor undersigned below;

Supervisors name: MR. BWIRE JOSEPH

Signed 

Date 03 - 05 - 2022 ..

## ACKNOWLEDGEMENT

It is not possible to mention each and every person or institution that contributed to the development of this document. I however, wish to acknowledge the special contribution of the members of Amelia Agro Africa limited farm especially the Director Mister JAN William and the Field manager mister Bwire Joseph and other workers of the farm for their support.

Special thanks go to my parents Mr. and Mrs. Mayende Daba Clement for the funding of my internship and my friends for providing me with courage of working hard and providing me with conducive environment that enabled me prepare this document.

Gratitude is owed to all people who participated in participatory process during data collection.



## Table of Contents

DECLARATION AND APPROVAL .....	i
APPROVAL .....	i
ACKNOWLEDGEMENT .....	ii
ABSTRACT .....	vi
LIST OF FIGURES .....	vii
LIST OF TABLES .....	vii
LIST OF ACRONYMS .....	viii
CHAPTER ONE: INTRODUCTION.....	1
1.1 Explanation of Industrial Training.....	1
1.1.1 Preparatory Arrangements .....	1
1.1.2 Justification of the Industrial Training .....	2
1.1.3 Objectives of the Industrial Training .....	3
1.2 Historical Background of AMELIA AGRO AFRICA LITLED.....	3
1.2.1 Location of Amelia farm. ....	3
Vision.....	3
Mission. ....	3
Goal.....	4
1.2.2 Objectives. ....	4
1.2.3 Reasons for the establishment of the institute .....	4
1.2.4 Factors that favors the institute.....	4
1.3 Type of Ownership of the Organization. ....	4
1.4 Farm Organization Structure .....	5
CHAPTER TWO .....	6
2.0 INTERNSHIP ACTIVITIES.....	6
2.1 Compost production.....	6
2.1.1Processes of compost decomposition. ....	6
2.1.2 Raw materials used in compost formation.....	6
2.1.3Procedure of making a compost heap .....	6
2.1.4 Activities carried out while making a compost heap.....	7
2.1.5 Vim composting production.....	7

2.1.6 Vim compost tea.....	8
2.2 PIGGERY PRODUCTION.....	8
2.2.1. Feeding.....	9
2.2.2. Changing of the beddings.....	9
2.2.3. Use of IMOS.....	9
2.2.4. Slaughter and selling.....	10
2.3. VEGETABLE PRODUCTION.....	10
2.3.1. Nursery bed preparation.....	10
2.3.2. Watering.....	10
2.3.3. Transplanting.....	10
2.3.4. Weeding.....	10
2.3.5. Mulching.....	11
2.3.6. Stalking.....	11
2.3.7. Harvesting.....	11
2.4 Black soldier Fly production.....	11
2.4.1 The existence cycle of black soldier fly.....	11
2.4.2 Benefits of rearing Black soldier Flies in Agriculture.....	12
2.5 Poultry and rabbits production.....	12
2.5.1 Poultry management.....	12
2.5.2 Feeding of poultry.....	13
2.5.3 Materials used in the formulation of poultry feeds.....	13
2.5.4 Procedure of fermenting chicken feeds.....	14
2.5.5 Disease management in poultry.....	14
2.5.6 Rabbit production.....	15
2.6 CATTEL AND GOAT PRODUCTION.....	15
2.6.1 Health management.....	15
2.6.2 Feeding and feed system.....	16
Silage.....	16
2.6.3 Procedure of silage making.....	16
2.6.4 Characteristics of appropriate silage.....	17
Procedure of making A Bio-fermented feed.....	17

2.7 Information gathering .....	18
3.0 EQUIPMENT USED AND INFRASTRUCTURE FOUND AT THE IT PLACE .....	19
3.1 Equipments used during Internship training.....	19
CHAPTER THREE .....	21
4.1 Knowledge, skills and attitude gained.....	21
4.2 Influence of IT on my future career plans .....	21
4.3 Correlation of IT activities with the class room – knowledge .....	22
4.4 Responsibilities I under took during Industrial Training .....	22
5.0 Challenges and probable causes .....	22
5.1 How challenges limit attainment of Amelia organization objectives .....	23
CHAPTER FOUR .....	24
CONCLUSION AND RECOMMENDATIONS .....	24
6.0 Conclusion .....	24
6.1 Recommendation to the institute .....	24
6.1.1 Recommendation to the campus.....	25
APPENDICES .....	26
APPENDIX 1: Interview guide.....	26

### **ABSTRACT**

This industrial training was carried out at Amelia Agro Africa limited farm in Buyikwe District, in Nakwanga kikubamutwe for two months that is from 28<sup>th</sup> Feb to 27<sup>th</sup> April 2022 mainly on crop, animal, fish, black soldier flies, feed processing and formulation sections at Amelia farm.

Objectives of this industrial training was to enable students interaction with different people in their respective professions of all levels like supervisors, employers and employees, to acquire knowledge in managing crops, animals and other agricultural activities to require skills which are practical and to relate them to the theory studied from classroom and to get exposed to the outside world.

The IT activities include; poultry management, piggery management, fish farming, rabbit keeping, feed processing and formulation, weeding, black soldier fly breeding, spraying, potting of soil, transplanting, cattle and goat management, crop management and so on. The IT enabled me to acquire skills in formulating feeds for different types of livestock like pigs, poultry, cattle and goats, land preparation for nursery beds, crop protection by spraying using a knapsack sprayer, leaf defoliation, harvesting, and breeding black soldier flies for maggots that are given to fish as food.

The challenges faced during the IT language barrier, inadequate funds and was overcome by getting someone to help me interpret the local languages of some works on the farm and requesting other money from home.

Skills acquired during IT, it enabled me to acquire skills in making of compost manure using the materials that are locally available, pests and disease control using a knapsack sprayer, weeding, defoliation of banana and stacking of vanilla, harvesting of different fruits and vegetables among others.

---

## **LIST OF FIGURES**

<b>Table</b>	<b>Title</b>
Figure 1	showing slaughtered pork on the farm ..... 29
Figure 2	showing seedlings for transplanting ..... 29
Figure 3	showing how to mix poultry feeds with yeast ..... 29

## **LIST OF TABLES**

<b>Table</b>	<b>Page</b>
Table 1:	Equipments used during Internship training..... 23
Table 2:	pigs on the farm ..... 11
Table 3	work plan of the internee .....30



## LIST OF ACRONYMS

AMAAL Amelia Agro Africa limited .

IMO. Indigenous micro ogansim

Mr. Mister

ENG Engineer

HDHead of Department

ICRAF International Centre for Research in Agro Forestry

FORI Corp Research Institute

IT Industrial training

BUAC. Busitema University Arapai Campus.

BSF Black Solder Flies.

## **CHAPTER ONE: INTRODUCTION**

### **1.1 Explanation of Industrial Training**

Industrial training is the program organized by higher institutions of learning such as colleges, Universities to provide supervised practical training to students studying different courses and takes place within a given time frame in order to gain relevant skills and experience for qualification.

Usually the management board of Busitema University allows students to select their own internship places which are convenient to them, then the list is taken to the registrar and a final list is pinned on the notice board which includes the names of students allocated to their selected internship training places.

The internee selected AMELIA Agro Africa limited (AMAAL) which is located in Nakwanga - kikubamutwe Buyikwe District of all industrial training places due to its managed sections such as temperate fruits, tissue culture and livestock management.

Introductory letters were received from the Head of Department office and taken to different selected industrial training places from where the students are going to do their internship. The internee took his introductory letter to the field manager of Amelia agro Africa limited.

Mr. Bwire Joseph at the farm which is located along Jinja-kayunga road 9.5killo miters off Jinja-Kampala high way after the Nile bridge Buyikwe District He received and accepted my letter and wrote a reply to Busitema University Arapai Campus that he has allowed me to do my internship at Amelia farm and also gave seven other students offering degree in Agribusiness management an opportunity to do their internship at the same farm but strictly to be based at Amelia farm. A copy of the letter was taken to the Senior Farm Director from where the internship was conducted / carried out.

#### **1.1.1 Preparatory Arrangements**

The Head of Department for the Internship at Busitema University Arapai campus organized a briefing on internship training for all students offering various courses at Certificate in General