

31/43

**INDUSTRIAL TRAINING REPORT CARRIED OUT FROM 20th /05/2019 TO 26th
/07/2019 AT ARAPAI AGRICULTURAL FARM**

COMPILED BY:

NAME: ILOLIAN IVAN

3

REG NO: BU/UP/2018/2146

TELL: 0770628599

EMAIL: ivansoilolian1998@gmail.com

COURSE CODE: DCP 1208

**A REPORT TO BE SUBMITTED TO THE DEPARTMENT OF AGRI-BUSINESS AND
EXTENSION FOR PARTIAL FULLFILEMENT FOR THE AWARD OF DIPLOMA IN
CROP PRODUCTION AND MANAGEMENT**


ACADEMIC YEAR: 2018/2019

SUBMISSION DATE.....10th/09/2019.....

DECLARATION

I ILOLIAN IVAN here by declares that this research in this industrial training report is the original copy of my own and a clear reflection of the work carried out in Arapai Agricultural Farm was written by me and has never been presented by any one for the award of Diploma, certificate in any institution of learning.

Name: ILOLIAN IVAN

Date.....10th/09/2019..... Signature.....



Academic supervisor

Name.....

Date Signature.....

DEDICATION

I dedicate this report to my lovely parents MR. OKIROR MICHEAL and MS. ASUTO
CHRINETINE BETTY for their support in paying my tuition and for advising me which has made
me to reach this level , also not forgetting my brother ODONGO JOEL together with my sisters
AACHA LIDYA and AKURUT BEATRICE, and my relatives, friends who have always
advised me that may the Almighty God bless all of you. Amen

①



ACKNOWLEDGEMENT

I would in a special way congratulate the University administration for having given me this assignment that exposed me to the general knowledge in agriculture yielding me very vital knowledge in several subjects

I would also like to appreciate the entire staff of Arapai campus for the assistance rendered to me in all ways during the training for funding the training which we hope will go a long way to enable me to access knowledge and skills.

I would like to thank also our field supervisor/technicians of crop MR. OTIM JULIUS, and MR. EWALU MOSES PATRICK and not forgetting my fellow colleagues who were working with me in both crop and animal section

Lastly I would like to thank my parents for their hospitality that they gave to me during the period of my industrial training that may the lord bless you in your daily activities.

①

TABLE OF CONTENT

Contents

DECLARATION	i
DEDICATION.....	ii
ACKNOWLEDGEMENT.....	iii
TABLE OF CONTENT.....	iv
LIST OF ABBREVIATION.....	vii
LIST OF TABLES AND FIGURES	viii
ABSTRACT	ix
CHAPTER ONE:	1
1.0 Introduction	1
1.1 Background	1
1.2 Location.....	1
1.3 Vision.....	1
1.4 Mission.....	1
1.5 Core Values.....	1
1.6 University Motto	2
1.7 Goals.....	2
1.8 Objectives.....	2
1.9 THE FARM ADMINISTRATIVE STRUCTURE.....	2
CHAPTER TWO:	3
2:0 DESCRIPTION OF ATTACHMENT.....	3
2.1.1 Pasture management.....	3
2.2 AQUACULTURE SECTION.....	3

2.3 LIVESTOCK SECTION.....	3
2.3.1 Repairing cattle and goats crushes.....	3
2.3.2 Tools used for repairing cattle and goats crush.....	3
2.3.3 Importance of cattle and goats crush.....	3
2.3.4 De-worming animals.(cattle and goats).....	4
2.3.5 Aging in cattle and goats.....	4
2.4.0 GREEN HOUSE SECTION.....	4
2.4.1 Components of drip irrigation.....	4
2.5.0 ORCHARD.....	5
2.5.1 Field marking of citrus garden.....	5
2.5.2 Digging of the holes.....	5
2.5.3 Transplanting of the citrus seedlings.....	5
2.5.4 Gap filling.....	5
2.5.5 Pests and disease identification.....	5
2.5.6 Spraying of citrus trees.....	7
2.6.0 PIGGERY SECTION.....	7
2.6.1 Castration of male pigs.....	7
2.6.1 Method used for castration.....	7
2.7.0 Meat inspection.....	8
2.9.0 POULTRY PRODUCTION SECTION.....	8
2.9.1 Importance of poultry production.....	8
2.9.2 Problems facing poultry production.....	9
2.9.3 Management practices carried out in the poultry unit.....	9
2.9.4 Health management in poultry.....	9
2.9.5 Causes of poultry diseases.....	9

2.10.0 BANANA MANAGEMENT PRACTICES.....	10
2.10.2 Selection of planting materials.....	10
2.11.0 MUSHROOM PRODUCTION.....	11
2.11.1 Activities carried out.....	11
2.11.2 Materials use in production.....	11
2.12.0 OTHER ACTIVITIES.....	11
2.12.1 Sky training on life skills by AVSI.....	11
CHAPTER THREE:.....	13
IMPACT OF ATTACHMENT.....	13
3.1 Lesson learnt and skills.....	13
3.2 Responsibility performed during IT.....	13
3.3 Influence of the field attachment to my future career.....	13
3.4 Correlation of the attachment to my classroom knowledge.....	14
3.5 Challenges faced during the attachment.....	14
4.0 CHAPTER FOUR.....	15
CONCLUSION AND RECOMMENDATION.....	15
4.1 Conclusion.....	15
4.2. Recommendations.....	15
APPENDICES.....	16
Appendix I. WORK PLAN.....	16
Appendix.2. shows the map of Arapai campus.....	20

②

LIST OF ABBREVIATION

B.U.A.C:	Busitema University-Arapai campus
C.G.A:	Certificate in general agriculture
DAP:	Diploma in animal production
DCP:	Diploma in crop production
Dr:	Doctor
Eg:	for example
Mr.:	Mister
Ms.	Misses
Etc	And so on



AVSI
15

LIST OF TABLES AND FIGURES

Table 1 showing entomology of citrus pests, effects and their control measures

Table 2 showing citrus disease pests, symptoms and control measures

Table 3 Showing body systems which were checked to identify diseases in goats.

Table 4 showing the different varieties of bananas

Table 5 Showing the advantages and disadvantages of Conventional and tissue culture

Table 6 shows the training programme for AVSI.

FIGURES

Figure: 1 showing administrative structure of Arapai Campus farm.



ABSTRACT

The field attachment was carried out from Busitema University Arapai Campus Farm located in Arapai sub-county in Soroti District along Moroto road, from 20st of May to 26th of July/2019.

The farm is owned by the university and deals majorly on animal section and crop section which consists of so many activities, A number of animal and crop management practices were carried out during my stay at the farm such as de-worming, repairing cattle and goats crush, aging of animals, spraying cattle& goats against ticks and pigs and lice and mange. Weeding and spraying crops , plus identification of diseases in both animals and crops with the corresponding treatments

During the IT under crop section where I was allocated , I carried out various activities that included field marking , planting different types of crops , crop protection , pests and disease identification and their control measures , gap filling, etc and in animal section activities included ; deworming, spraying , restraining, kraal repairing, chick brooding etc

I also gained skills and knowledge in crop production like identification of citrus varieties, field marking techniques using the right angle method, spacing of different types of crops, identification of pests and diseases in crops such as bacterial wilt in tomatoes and the methods of harvesting , drying, storing, plus the common tools used in crop and animal production.

While in the training , I learnt a lot of things both practical y and theoretically that gave me more knowledge to add to that one that we learnt from class about crop and animal production , lot of activities were carried out from the field with maximum care to avoid problems of during data analysis

I wish to request that the farm administration should improve on their infrastructures such as farm buildings , roads in order to ease transportation and storage of crop produce and also open up the irrigation systems to avoid wilting of crops and water for livestock in the farm during shortage of rains and on dry spells.

5

Also the farm administration should improve on their farm houses and pay the workers in-time to avoid them getting discouraged from doing their activities being allocated