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**INDUSTRIAL TRAINING REPORT CARRIED OUT IN BUSITEMA UNIVERSITY AT
ARAPAI CAMPUS FARM, SOROTI UNDER DIFFERENT PROGRAMMS ON CROP
PRODUCTION AND ANIMAL PRODUCTION AND MANAGEMENT**

COMPILED

BY



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**TO BE SUBMITTED TO BUSITEMA UNIVERSITY ARAPAI CAMPUS FACULTY OF
AGRICULTURE AND ANIMAL SCIENCES FOR THE AWARD OF DIPLOMA IN
CROP PRODUCTION AND MANAGEMENT**

DECLARATION

I OCEN VINCENT declare that information contained in this report is my own and it's not copied from any individual either been submitted by any institution or organization.

Signature: 

Date: 17-05-2022

Supervised by:

Name:

Signature:

Date:

DEDICATION

I dedicate this report to the almighty God who is the giver of everything in my studies, spiritual and material desires in my life, my beloved parents and sibling, my colleagues in this internship at Arapai campus farm and above all the administrators' and the staff of Busitema university Arapai campus and all those who offered a hand of assistance during my industrial training.



ACKNOWLEDGEMENT

I am grateful to Busitema University Arapai campus faculty of agriculture and animal sciences for offering me a place to do my industrial training, department of crop and animal production and management for facilitating my IT by taking me through various attachment programs in crop and animal. My sincere thanks goes to administrators and staff of Busitema university Arapai campus. I also want to thank my colleagues at the place of internship those in certificate, diploma and bachelor for their support and helping me to achieve industrial training. A Special attention to the following technicians Mr. Oonyu source peter, Mr. Muhindo William, Ms Adué Eunice, Mr. Ewalu Partrick, Mr. Opio Moses and the field supervisor Mr. Okwany Partrick may the good lord bless you.

LIST OF ABBREVIATIONS:

ICM: Integrated crop management.

FAO: Food and Agricultural Organization.

CAN: Calcium Ammonium Nitrate.

CM: Centimeter.

IPM: Integrated Pest Management.

GHGS: Greenhouse Gases

IITA: International institute of Agriculture.

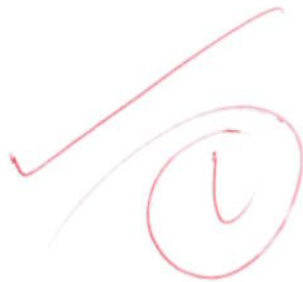


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Table 2; showing banana pests, damage cause, symptoms and control measures.

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Table 5; showing total number of goats at unit.

Figure 1; showing the organizational structure of Arapai farm.

ABSTRACT:

Industrial training attachment at Busitema Arapai campus farm involved work experience and sharing of technical knowledge and skills like crop pest and disease investigation ,crop propagation, animal treatment and disease diagnosis etc, that are relevant to professional development for the final year students. Industrial Training constitutes a complete module of the training which is full of hands on activities in attachment programs like, orchard, cattle, greenhouse, piggery, dairy and so many others.

With this multi attachment program activities I carried out at Arapai campus farm land on crop and animal sections make Busitema university Arapai farm to be better place for learning and research as interneees are equipped with applicable life skills on crop and animal in the field as general. The objectives for internship and university are achieved like improving quality research and innovation, to share knowledge, skills and facilities with the public and private sector, to enable the trainee gain technical skills and to enable trainee to be expose to the working atmosphere .The methodology used for acquiring the above objectives include; crop propagation, animal treatment and disease diagnosis in livestock, crop pests and disease diagnosis and management.

Therefore the training was so good as I was able to acquire technical and practical skills of farm management for both crops and animals. Despite of the challenges I encountered for instance prolonged drought which affected some activity programs, delayed supervision, inadequate equipment's and facilities like well-equipped science laboratories for research purposes

CHAPTER ONE: INTRODUCTION.

Industrial training refers to the work experience and sharing of technical knowledge and skills that are relevant to professional development for the final year students. Industrial Training constitutes a complete module of the training which is full of hands on activities

Students are given placement letters which they submit to different farms, organizations and government agriculturally related places basing on type of career one is interested in.

I.T was conducted at Busitema University Arapai farm land found in eastern region Soroti city east Arapai town council.

Industrial training was carried out alongside routine academic programs or at the end of first academic year for a period 8 weeks

1.0. BACKGROUND OF ARAPAI CAMPUS FARM BUSITEMA UNIVERSITY.

Busitema University is a public university established by statutory instrument NOV. 22, 2007 enacted by parliament on 10th.may, 2007. The university is a multi-campus model with six campuses namely; Arapai, Busitema, Mable, Nagongera, Pallisa and Namasagali.

Agricultural farm at Busitema university Arapai campus was started in the year of 1952 as an agricultural institute for training farmers on various agricultural practices and farming methods by the colonial government. Then was upgraded to Arapai National agricultural College for National diploma in crop and animal production programs and certificate in 1959 as much interest was developed by people to be expanded and then later on in 2010 Busitema University took over as Arapai campus faculty of agriculture and animal sciences with support from the government of Uganda providing the major funding. The farm is situated in 400 acres of land, the swamp occupying 100 acres and 300 acres is arable land.

1.1. LOCATION OF ARAPAI CAMPUS FARM BUSITEMA UNIVERSITY.

Arapai campus farm Busitema university is located east on moroto road, soroti city east Arapai town council. It's one of the six faculties of Busitema University.