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BUSITEMA UNIVERSITY FACULTY OF AGRICULTURE AND ANIMAL SCIENCES
ARAPAI CAMPUS DEPARTEMENT OF CROP PRODUCTION AND MANAGEMENT

COURSE: BACHELOR OF SCIENCE IN AGRICULTURE

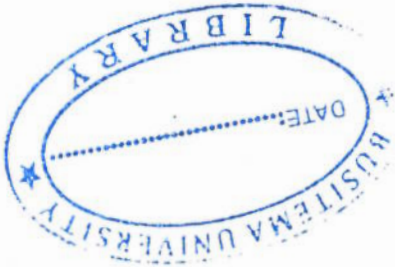
OUTREACH REPORT CONDUCTED AT BUGINYANYA ZONAL AGRICULTURE
RESEACH AND DEVELOPMENT INSTITUTE BUGIZARDI IKULWE STATUION

FROM 28 MARCT TO MAY

BY

WENENE JULIET

BU/UP/2017/457



TO BE SUBMITTED AT THE END OF THETRAINING

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DECLARATION

I Wenene Juliet I declare that the information which is written in this report is my original work which I carried out during my outreach from Buginyanya zonal, ikulwe station and it has never been presented by any student from any university for the award of Bachelor of Science in Agriculture.

Sign.....

Date.....

Telephone.....

DEDICATION

i dedicate my report to the almighty God for the protection throughout my farm community outreach training, my parents, my immediate field supervisor Dr kagoda Frank at ikulwe station, my lecturers and all my friends who assisted me in one way or the other during my time of outreach at ikulwe station that may the almighty God continue to protect and bless u with whatever u desire in your entire life.



ACKNOWLEDGEMENT

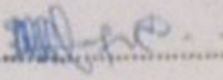
The completion of this farm community outreach training has been due to the efforts of the staff of ikulwe station Dr Kagoda Frank, Mukimba Lydia, Mugati Pascal Basena Emma and Elesu Moses I do extend my sincere thanks to all of u for the close supervision and the knowledge that you rendered to me during my farm community outreach training at ikulwe station may the almighty God bless you abundantly.



APPROVAL

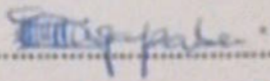
This is to certify that this outreach report for WENENE JULIET has been carried out under my supervision and is now ready for submission to Busitema University Arapai campus

Station Manager..... Frank Kagoda

Sign..... 

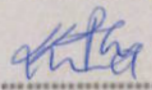
Date..... 10/5/2022

Field Supervisor..... Mugabi Pascal Bwire

Sign..... 

Date..... 10th/05/2022

University Supervisor..... Memya Joseph Cagwan

Sign..... 

Date..... 30/5/2022

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LIST OF ABBREVIATION

NARO-National Agriculture Research Organization

CWD- National Wilt Diseases

NACRRI- National Crop Resource Research Institute

ISNAR-International Service for National Agriculture Center

ZARDI -Zonal Agriculture Research and Development Institute

WFP- World Food Program

IITA-International Institute of Tropical Agriculture

ABSTRACT

This farm community outreach training was conducted at BugiZARDI and range of various activities in different sections were done at Ikulwe station and these include: maize, beans, groundnuts, soy beans, cassava, coffee, Agro forestry, rice, and cattle.

I actively got involved in various activities during my farm community outreach training and I was in position to acquire more knowledge and practical skills in above stated various sections.

I was able to acquire management skills and knowledge in cattle health management like deworming against internal parasites, spraying against external parasite and treating against diseases.

I was also able acquire the management skills in coffee for example pruning coffee in the mother garden and also raising coffee seedlings through cloning .

I was able to acquire knowledge on how to collect data on yield loss assessment of recycled hybrid of maize (bazooka hybrid)

I was also able acquire knowledge on identification of different cassava varieties.

Despite the fact that BugiZARDI has the passion and desire for crop production, livestock and agro forestry, the institute is surrounded by a number of challenges which include:

I therefore argue the institute to monitor the health of the animals and take the control measures of both internal and external parasites and diseases so as to improve on the health of the animals in the institute. The institute should also construct more staff houses so as to accommodate more staff members.

A handwritten checkmark is positioned above a stylized signature that appears to be the letter 'B'.

CHAPTER ONE:

INTRODUCTION

Farm community outreach is a prerequisite for students doing any agriculture program at all levels of higher institutions of learning. The program was introduced to make students gain more practical skills so to help to extend extension services to their local communities as far as agriculture is concerned. However this farm community outreach training was conducted at buginyanya (BugiZARDI) ikulwe station in a period of two months.

Buginyanya Zonal Agricultural Research and Development Institute (BugiZARDI) is a semi-autonomous public agricultural Research Institute under the policy guidance of the National Agricultural Research Organisation (NARO). BugiZARDI was operationalised on 1st July 2008 in compliance with the NAR Act 2005. The institute is composed of Buginyanya (95.0 ha) as the main station located in Masira Sub-county, Bulegeni (47.8 ha) in Kamu Sub-county, Bulambuli District and Ikulwe (86.0 ha) in Mayuge town council, Mayuge District. BugiZARDI spearheads Agricultural Research and Development work in Uganda's South Eastern Agro-Ecological Zone (U^{SEAEZ}) that administratively comprises of Bukwo, Kween, Kapchorwa, Bulambuli, Sironko, Mbale, Bududa, Manafwa, Budaka, Kibuku, Pallisa, Tororo, Busia, Butaleja, Iganga, Bugiri, Namutumba, Mayuge, Jinja, Kamuli, Luuka, Buyende, Namayingo, Namisindwa, Bugweri, Butebo and Kaliro districts.

Mandate

BugiZARDI's mandate is to conduct both applied and adaptive agricultural research on priority enterprises of importance in U^{SEAEZ}. BugiZARDI also conducts skills development programmes for intermediary agricultural research service providers, and provide them with technical backstopping. In addition, BugiZARDI will produce foundation seed and breeding stock and avails it to uptake pathways that include public and private sectors for multiplication and dissemination to end users. In executing the fore stated functions, BugiZARDI establishes and maintains regular contacts and collaboration with other research and technology institutes both at national and international levels. BugiZARDI will continue to explore new opportunities in agricultural research and development.