

# JESSICA CLAIRE

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## Summary

I am a graduate from Sokoine University of Agriculture with Bachelor of Science in Horticulture, my passion lies in empowering farmers and igniting economic growth through the power of agriculture.

I firmly believe that by equipping small scale farmers with the necessary tools, knowledge and resources, we can create a sustainable and prosperous farming community.

Throughout my academic journey, I have developed a comprehensive understanding of horticultural practices, including crop cultivation, pest management, soil fertility, and efficient farming techniques.

Together we can create a vibrant and resilient agricultural landscape that not only contributes to the economy but also foster sustainable development for future generation.

## Skills

- Communication skills both english and swahili
- Field establishment
- Crop production
- Landscaping
- Pre harvest and post harvest handling
- Research
- Time management

## Experience

### Agronomist, 02/2022 to Current

Corteva, Inc. – Trenton, NJ

- Pest Control Strategy development to contribute to the development of effective control method
- To monitor pesticide inventory, conduct regular equipment calibration, and to ensure compliance with safety regulation
- To provide technical guidance recommendations and training to farmers and agro dealers
- To collaborate with relevant stakeholders to foster effective communication, cooperation, and knowledge sharing
- To conduct field visit on to pest affected areas to access pest damage, to identify the sites and to identify pest control measures
- Maintaining accurate records of field activities
- Conducting training to farmers to enhance the skills and skills of farmers on pest management
- Building strong relationships with customers (agro dealers and farmers) by understanding their needs and challenges

### Field Officer, 08/2021 to 02/2022

Sokoine University Of Agriculture – City, STATE

- Model Training farm and Horticulture Unit, Main activities Main Activities
- Conducting through inspections on various farms particularly mango orchard, citrus orchard to identify pests infestations, determine extent of problem and asses potential risks
- Pest identification including insects such as fruit flies, weeds birds
- Pest control planning based on the specific pest issues identified during inspections
- Applying pest control techniques such as using pesticides, traps or integrated pest management
- Maintaining detailed records of inspections, treatments any pest related activity

### Research Assistant (Trainee), 09/2020 to 11/2020

International Center For Tropical Agriculture – City, STATE

- Support in making bean crosses for different bean verities
- Assist in conducting and collect necessary data for advanced breeding and seed multiplication at different locations
- Support in analyzing the data and report to supervisor on time
- Visiting fields regularly to monitor weeds, disease development and insect growth
- Collecting soil, tissue, and samples from fields for analysis
- Assisting with research work and other project's activities
- Field layout which is done on the levelled, land cleaning, preparation of rows, replication and blocks
- Collection of soil sample according to the characteristics of the soil, color , vegetation and slope
- Data entry in excel
- Image analysis for beans phenotyping

### Agricultural Research Assistant (Trainee), 09/2019 to 11/2019

Tanzania Agricultural Research Institute – City, STATE

- Constructed data summaries to display research results and findings.
- Collect, monitor and keep record
- To assist in dissemination of agricultural and innovation to stakeholders
- To supervise field attendants
- To perform assist researchers in conducting agricultural research products

## Education and Training

### Bachelor of Science: Horticulture, 11/2021

Sokoine University of Agriculture(SUA - Morogoro-Tanzania

### Advanced Certificate in Secondary Education (ACSE: 05/2018

Ifakara Secondary School - Morogoro, Tanzania

### Certificate in Secondary Education (CSE: 10/2015

St. Joseph Girls Seminary - Mwanza, Tanzania

### Certificate of Primary Education: 09/2011

Bugene Primary School - Kagera, Tanzania

## MEMBERSHIP OF ASSOCIATION

- Sokoine University Graduate Entrepreneur Cooperative (SUGECO) (July 2021-Present)
- Tanzania Horticultural Students Association (2018-2021)
- Anticorruption club (2012-2015)

## TRAININGS AND WORKSHOPS ATTENDED

- [Seed production, certification, regulation and distribution], [Tanzania Official Seed Certification Institute] - [July 2021]
- [Fertilizer legislation, storage and trading],[Fertilizer Regulatory Authority]-[July 2021]
- [Installation of Drip System], [Riwade Company Limited]-[March 2021]
- [Training in Research and Innovation], [Sokoine University of Agriculture]-[December 2020]
- [Participatory Research Design], [Sustainable Agriculture Tanzania]-[December 2020]
- [Positive Perspective], [Ifakara Secondary School]-[2016]