

CURRICULUM VITAE

1. **NAME:** KASELE SALUM FERUZI
2. **Date and Place of Birth:** 16/06/1978 – UYUI, TABORA
3. **Nationality:** TANZANIAN
4. **Marital status:** MARRIED
5. **Qualification (Education and profession):**

- i. MSc in crop science (plant breeding) (2014)
- ii. BSc in Agronomy (2005)
- iii. Advanced certificate of secondary education (2001)
- iv. Certificate of secondary education (1998)

6. **Other courses/seminars attended**

- i. Data management using cassava base (2019)
- ii. Cassava Viruses: Application of Advanced Virus Diagnostics and GIS Techniques (2010).
- iii. Genetic analyses for cassava breeding workshop (2009)
- iv. Training course on competitive research proposal writing (2009).
- v. Agricultural research project formulation, experimental design, data analysis and scientific report writing skills (2009).

7. **Date of first appointment:** 09/07/2007

8. **Date of conformation:** 09/07/2008

9. **Present designation and salary scale:** PRINCIPAL AGRICULTURAL RESEARCH OFFICER II/ TGRS/D

10. **Date of appointment to present grade:** 01/06/2021.

11. **Work experience**

- Participating in development of improved cassava and sweet potato varieties with desirable resistance to insect pests and diseases and consumer acceptable qualities for improved food security, nutrition and income generation at household level. I participated in release of nine (9) cassava varieties in 2019 and 2020 (TARICASS1, TARICASS2, TARICASS3, TARICASS4, TARICASS5, Mkumba, Mkuranga1, Kiroba and Kizimbani).
- Planning and implementation of adaptive breeding trials on-station and on-farm for cassava and sweet potato in partnership with farmers and Local Government Authorities.
- Establishment of *ex-situ* cassava and sweet potato germplasm collections for local and exotic materials.

- Establishment of several acres of multiplication blocks for clean cassava planting materials on-station. These healthy planting materials of improved varieties have to be disseminated to farmers along with agronomic and plant protection packages

1. **Present station:** TARI UKIRIGURU
2. **Cheque number:** 10978610
3. **File No/EBB:** TARI/WPF.189

1. Recent Publication

- E. A. Masumba, F. Kapinga, G. Mkamilo, **K. Salum**, H. Kulembeka, S. Rounsley, J. V. Bredeson, J. B. Lyons, D. S. Rokhsar, E. Kanju, M. S. Katari, A. A. Myburg, N. A. van der Merwe and M. E. Ferguson (2017). QTL associated with resistance to cassava brown streak and cassava mosaic diseases in a bi-parental cross of two Tanzanian farmer varieties, Namikonga and Albert. *Theor Appl Genet* (2017) 130:2069–2090.
- Inosters Nzuki, Manpreet S. Katari, Jessen V. Bredeson, Esther Masumba, Fortunus Kapinga, **Kasele Salum**, Geoffrey S. Mkamilo, Trushar Shah, Jessica B. Lyons, Daniel S. Rokhsar, Steve Rounsley, Alexander A. Myburg, and Morag E. Ferguson (2017). QTL Mapping for Pest and Disease Resistance in Cassava and Coincidence of Some QTL with Introgression Regions Derived from *Manihot glaziovii*. *Front Plant Sci.* 2017; 8: 1168. doi: 10.3389/fpls.2017.01168
- S. C. Jeremiah, I. L. Ndyetabula, G. S. Mkamilo, S. Haji, M. M. Muhanna, C. Chuwa, **S. Kasele**, H. Bouwmeester, J. N. Ijumba, and J. P. Legg (2015). The dynamics and environmental influence on interactions between cassava brown streak disease and the whitefly, *Bemisia tabaci*. *Phytopathology* 105:646-655.