



## Solomon William Msomba

Tea Research Institute of Tanzania  
P.O. Box 2177  
Dar- Es-Salaam  
Tanzania

Telephone: +255(0)222122033

Mobile: 0784596649.

Email: swmsomba@trit.or.tz

### PROFILE

I graduated as an Agricultural science and Production expert; later I upgraded to work as researcher in Plant Breeding and Genetic resource. To date, my achievements are only encouraging; I am aiming to achieve even higher for the betterment of my institute, our farmers and the rest of agro-produce consumers.

### AREAS OF EXPERTISE

- Plant Breeding
- Genetic Resource management
- Agro-Research based Management

### ACADEMIC QUALIFICATIONS

Qualification	Title Awarded	Awarding College	Date
3 <sup>rd</sup> Degree			
2 <sup>nd</sup> Degree	Master of Agric (Plant Breed& genetic Resource)	Birmingham University, United Kingdom	Sept 1989- Oct 1990
1 <sup>st</sup> Degree	Bachelor of Agric Sci & Prod	Sokoine University of Agriculture, Tanzania	Jan 1982- Nov 1984

### Supplementary courses that enhance my extensive hands-on professional experience:-

1. Rice production training course, Sokoine University of agriculture/ International Rice Research Institute (IRRI), Los Banos, Philippines (February – June 1988).
2. Rice Genetic Evaluation, conservation and Utilization course, International Rice Research Institute (IRRI), Los Banos, and Philippines (February 1986).
3. Tree breeding Techniques, Nelspruit, Forestry and Forest Products Programme Division of Water, Environment and Forestry Technology –CSIR South Africa (1 to 19<sup>th</sup> July 1996).
4. Mutation Breeding & Biotechnology, Dale Bumpers National Rice research Center Stuttgart, Arkansas 72160, United States Of America (1<sup>st</sup> Dec. 2000 – 9<sup>th</sup> Sept. 2001).

## SUMMARY OF PROFESSIONAL EXPERIENCE AND SIGNIFICANT ACHIEVEMENTS

### Company profile

Tea Research Institute of Tanzania (TRIT)

**JOB TITLE (CURRENT) 1: LEADER, CROP IMPROVEMENT PROGRAMME** October 2004 to date

Company address / website:

#### Responsibilities:

1. To develop and release tea clones for the various agro-ecological zones of the country
2. To facilitate collaboration of TRIT with other Institutions and stakeholders in the introduction and evaluation of new improved material. Participate in training extension staff in clonal material
3. To identify and evaluate clones of new tea growing area
4. To Initiate a tea Breeding Programme
5. To cooperate with collaborating institutions in the developed world in development of tea clones using latest techniques.
6. Any other legitimate duties as assigned by my superior

- **Achievements and demonstrated abilities:** Through the signed MoU, 14 and 20 improved materials were obtained from the Tea Research Foundation of Central Africa (TRFCA) and Tea Research Foundation of Kenya, respectively and are being evaluated at different sites in Tanzania.
- **Achievements and demonstrated abilities:** Collaboration with the TRFCA and TRFK is being maintained

**JOB TITLE 2: Senior Research Officer and Head Rice Breeding Programme**

*National Rice Research Programme (NRRP)-Ministry of Agriculture and Food Security. Jan 1980 - Oct '04*

#### Responsibilities:

1. Plan, design, field establish rice based projects, analyze produce reports
2. Prepare budget for various activities on Rice breeding programme and account for any expenditure
3. Develop screen, evaluate, select and release improve rice varieties for farmer production
4. Train farmers and extension staff
5. Collaborate with other rice based sister institutions on rice research

#### Career Function (1) i.e. Research & Training:

- **Achievements and demonstrated abilities:** Released three improved rice variety, TXDs 85, 88 & 306; Awarded Certificate of achievement in recognition of outstanding accomplishments and contribution to agricultural Research in Tanzania.
- **Achievements and demonstrated abilities:** Participated in training rice farmers, extension staff and graduate and supervise postgraduate students.

**JOB TITLE 3: SENIOR RESEARCH OFFICER**

(March 1994 March 1998)

Company address / website: KILOMBERO TEAK COMPANY, P.O. BOX 577, IFAKARA TANZANIA

#### Responsibilities:

1. Plan, design, field establish rice based projects, analyze produce reports
2. Prepare budget for various activities on Tree improvement Project and account for any expenditure
3. Develop new technological packages for teak production
4. Collaborate with other tree based research institutions on tree research

- **Achievements and demonstrated abilities:** Developed different packages for teak nursery production
  - **Achievements and demonstrated abilities:** Trained Company field officer and Teak out-growers on improved techniques for teak production.
  - **Achievements and demonstrated abilities:** Through grafting method; established teak germplasm for 12 improved teak species from Longuza Forest, originally from Burma for future company plantation.
- 

### SELECTED LIST OF RECENT PUBLICATIONS

Indicate year published title of the paper/publication, journal/media published including collaborating and corresponding authors. The PDF copies of the published papers must be attached to the CV as they will be displayed on-line in the TRIT website