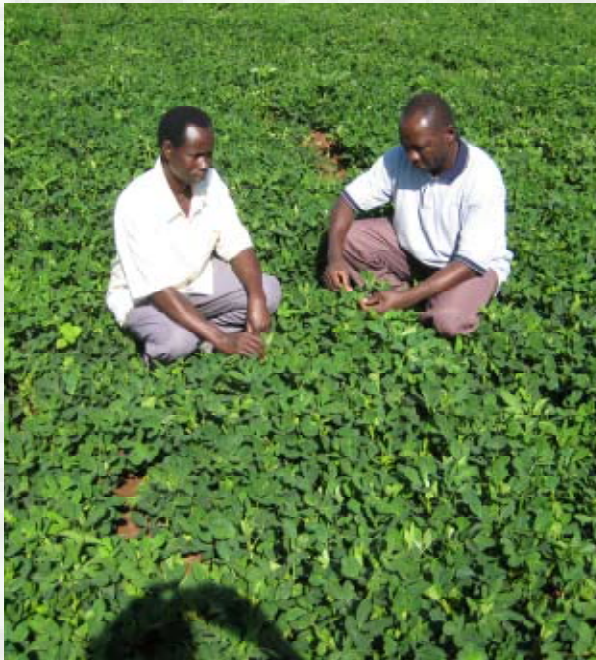


The technologies are:- agronomy of rice, maize and groundnuts including providing planting material for these crops and cassava.



5. Adapting temperate fruits in the zone



6. Developing high yielding wheat and barley varieties adapted to the zone



A PROFILE OF BUGINYANYA ZONAL AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE (BugiZARDI)



An aerial view of the Institute



BugiZARDI mandate area

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For more information contact
BugiZARDI
Director of Research
P.O. Box 1356 Mbale; Tel: 0712281478,
directorbugizardi@rocketmail.com

Bringing Agricultural Research Services nearer to end-users

Buginyanya Zonal Agricultural Research and Development Institute (BugiZARDI) is located in Masira sub-county of Sironko District in Eastern Uganda. Pursuant to the implementation of the NARS Act 2005, BugiZARDI was operationalized w.e.f. 1st July 2008. The institute is composed of Buginyanya as the main station, Bulegeni and Ikulwe as satellite stations. 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, Manafa, Budaka, Palisa, Tororo, Busia, Butaleja, Iganga, Bugiri, Namutumba, Mayuge, Jinja, Kamuli and Kaliro districts.

Major functions of the Institute

The Institute's core research and development activities are:

1. Generating updated information on research and development needs of the people and farming systems (FS) in the zone that will guide in generating an appropriate agricultural research agenda.
2. Developing and availing appropriate technologies to uptake pathways for improvement of the FS in the zone
3. Building capacity of and backstopping intermediary agricultural service providers in adaptive research and application of technologies and knowledge for effective dissemination and use of technologies

4. Developing partnerships and linkages with intermediary organizations involved in technology development and dissemination in the zone for widespread dissemination and adoption of technologies
5. Production of basic/foundation "seed" (planting/ stocking materials) of key commodities in the zone

Current key Projects at the Institute

1. Improving productivity of Arabica coffee in the Mt Elgon area

Specifically, this project is seeking to:

- i. To determine the most cost effective fungicide spray regimes in the management of CBD and BBC of Arabica Coffee for the farmers in the Mt. Elgon area



- ii. To determine best options for soil nutrient management in Arabica coffee in the Mt. Elgon area

2. Enhancing utilization of quality seed potato in the Mt Elgon area

The specific objectives are:

- i. To increase availability of quality basic seed potato to uptake pathways



- ii. To enhance the capacity of farmers to produce quality seed potato

3. Adaptation and promotion of improved production technologies for key crops and livestock in the mid altitude areas of the Zone

This project is based at Bulegeni station in Sironko district with the overall objective of promoting utilization of technologies for the mid-altitude areas of the zone. These include sweet potato planting material, cassava and maize adaptation. The station is also improving livestock production in the area by introducing pasture adaptation studies for animal feed and increased productivity of goats.

4. Improving productivity of key crops (maize, upland rice, cassava, coffee, groundnuts, citrus) in the low altitude areas of the zone

The overall objective is to increase the utilization of improved production technologies in the low altitude areas of the zone. This activity is based at Ikulwe station in Mayuge district.