

Context

Limited information on the insecticide resistance status and associated mechanisms in potential and confirmed mosquito RVFV vectors in Uganda

Innovative ways of working

Identification and classification of potential, candidate and potential vectors. Insecticide susceptibility bioassays and development of molecular tools for detecting and monitoring insecticide resistance.

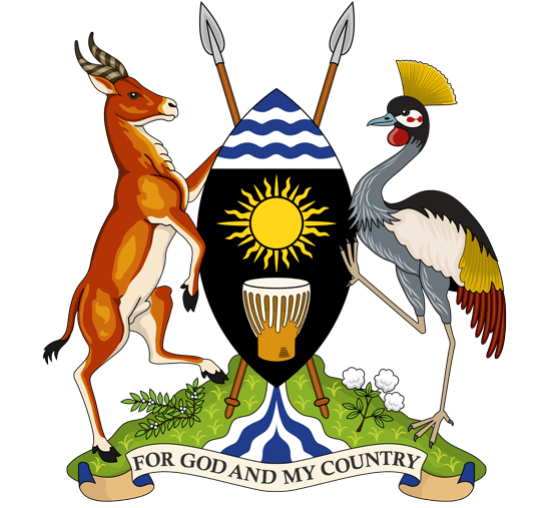
Informing RVFV vector control policies of MAAIF and MoH, Uganda

Preparations for RVFV Entomology Studies in Uganda

Remodeling and renovation of the mosquito insectary at the National Livestock Resources Research Institute (NaLIRRI) to an Arthropod Containment Level 1 facility completed.

This will enable:

- Identification of RVFV mosquito vectors in selected locations within Uganda
- Determination of vector host preferences
- Assessment of the status of insecticide resistance and mechanisms involved
- Development and validation of allele specific PCR assays for monitoring resistance associated mutations.



Future steps

Collection, rearing, insecticide susceptibility tests and development of molecular tools for detection and monitoring of insecticides.

Newly completed Insectary at the National Livestock Resources Research Institute (NaLIRRI), Nakyesasa, Wakiso



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By

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