

Lupane State University

Building Communities through Knowledge

RESEARCH AND EXTENSION SERVICES OFFICE (RESO)

	Project/Research Titles	Objectives of the Study	Principal Researcher	Field of Study	Source of Funding	Start date	End date
1	Harnessing biotechnology to enhance the productivity of indigenous livestock (goats and chickens) in Malawi and Zimbabwe	Enhance the productivity of indigenous livestock through biotechnology	Dr. F. T. Jomane	Animal Science	Administered by RCZ-NSCT SGCI funds from IDRC Canada	10 July 2021	10 Feb 2023
2	Enhancing dry land cereal, watermelon landrace and folk variety regeneration and germ plasm conservation	To maximise use of local plant genetic resources and promote its first level duplication	Prof Maphosa M.	Crop Science	Global Crop Diversity Trust, Germany and Norwegian Agency for Development Cooperation	2022	2024
3	Promoting utilisation of groundnut germ plasm for resilience	To evaluate groundnut advanced lines for adaptation in marginal and drought prone conditions	Prof Maphosa M.	Crop Science	ICRISAT	2022	2024
4	Multi locational evaluation of upland rice adaptation and stability	To identify upland rice genotypes with farmers preferred attributes	Prof Maphosa M.	Crop Science	Crop Breeding Institute, Rice programme	2022	2024
5	Towards Improved Indigenous Goat	Assess the productivity of local breeds and assess their	Dr. F. T. Jomane	Small livestock	Research Council of	2019	2023
	Productivity and Genetics through Selective Breeding in Zimbabwe.	performance after crossing with other breeds.		production	Zimbabwe		
6	Ecologically Friendly Tanning of Livestock Hides and Skins	To come up with sustainable development of eco-friendly leather tanning processes	Dr. F. T. Jomane	Livestock value chain	Research Council of Zimbabwe	2023	2025
7	Sustainable waste management for Ward 19, Lupane District: A One health approach	Biogas production from medical waste	Dr. M. Macherera	One Health	Funded by COHESA	2024	2025
8	Advancing Agricultural Sustainability: Leveraging Artificial Intelligence for Optimal Livestock Security and Productivity		Dr. F.T. Jomane	Livestock Production	Funded by RCZ	02/2024	06/2025
9	Digital Challenge-Driven Circular Energy Transition Learning.	Collaboration Between EU and Zimbabwe- EU_ZW grant on modernisation of courses	B. Chisadza	Energy	European Union	2023	2025
10	Enhancing dry land cereal, watermelon landrace and folk variety regeneration and germ plasm conservation	To maximise use of local plant genetic resources and promote its first level duplication	Prof Maphosa M.	Crop Science	Global Crop Diversity Trust, Germany and Norwegian Agency for Development Cooperation	2022	2024