

# BINDURA UNIVERSITY OF SCIENCE EDUCATION



## GOAT GENETICS IMPROVEMENT PROJECT

For Top Quality Genetics through Artificial Insemination

#### VISION

To be a leading supplier of top goat genetics.

#### OBJECTIVE

To improve the quality of local goat breeds by crossbreeding with superior exotic and selected indigenous breeds through Artificial Insemination (AI) using locally produced buck semen.

#### ACTIVITIES

- •Identify genotypes and crosses that will sustain improved performance under the prevailing production environments and management systems in Zimbabwe;
- Produce top quality pure lines of Mashona, Matabele, Kalahari Red, Boer and Saanen,
- Provide AI and commercial goat production training to stakeholders including extension officers and farmers; and
- Train students on goat production from diploma through to postgraduate levels









### PROJECT BENEFITS

- Improved access to superior bucks through Al
- Reduced need to keep expensive bucks
- Reduced inbreeding and spreading of reproductive diseases
- •Improved availability of laboratory facilities for goat genetics and health
- •Improved food security and income
- Employment creation
- •Improved foreign currency earnings

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