

# CELEBRATING UNIZULU 60 YEARS OF EXISTENCE

## DEPARTMENT OF AGRICULTURE

### UNIVERSITY OF ZULULAND

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#### Introduction

❑ The purpose of the poster is to highlight the history and achievements of the Department of Agriculture at the University of Zululand since its establishment. This is in line with celebrating the 60 years of existence by the University of Zululand.

#### Vision

❑ The Department of Agriculture will be a centre of excellence in sustainable Agriculture through education, research and community outreach.

#### History

- ❑ The Department was established in 1988.
- ❑ Initially started offering:
  - A 4-year general BSc Agriculture degree;
  - A BPaed Agric degree (for teachers).
- ❑ In 2000, the BPaed Agric degree was discontinued.
- ❑ The Department evolved into 3 academic sections:
  - Animal Science,
  - Agronomy and
  - Agribusiness.

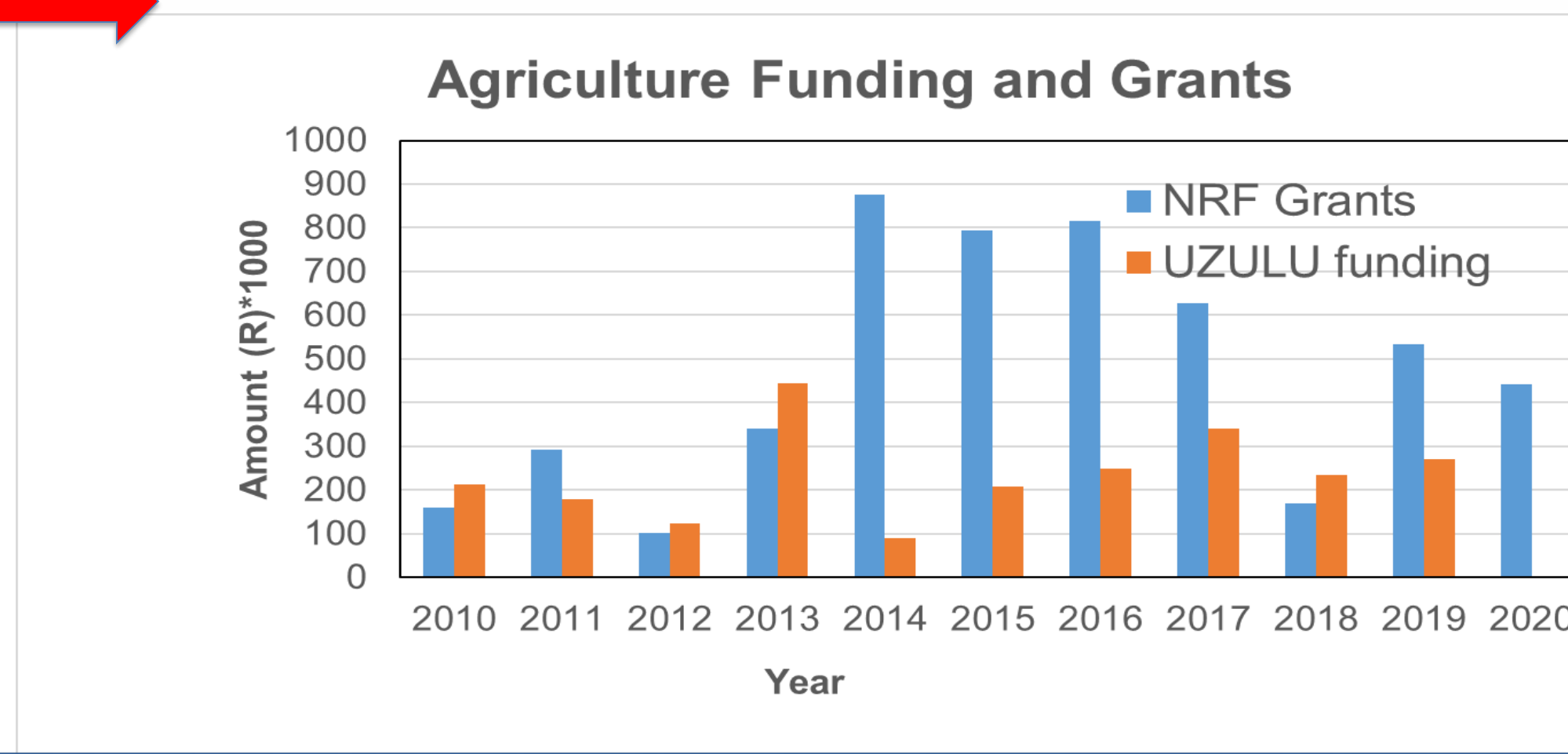
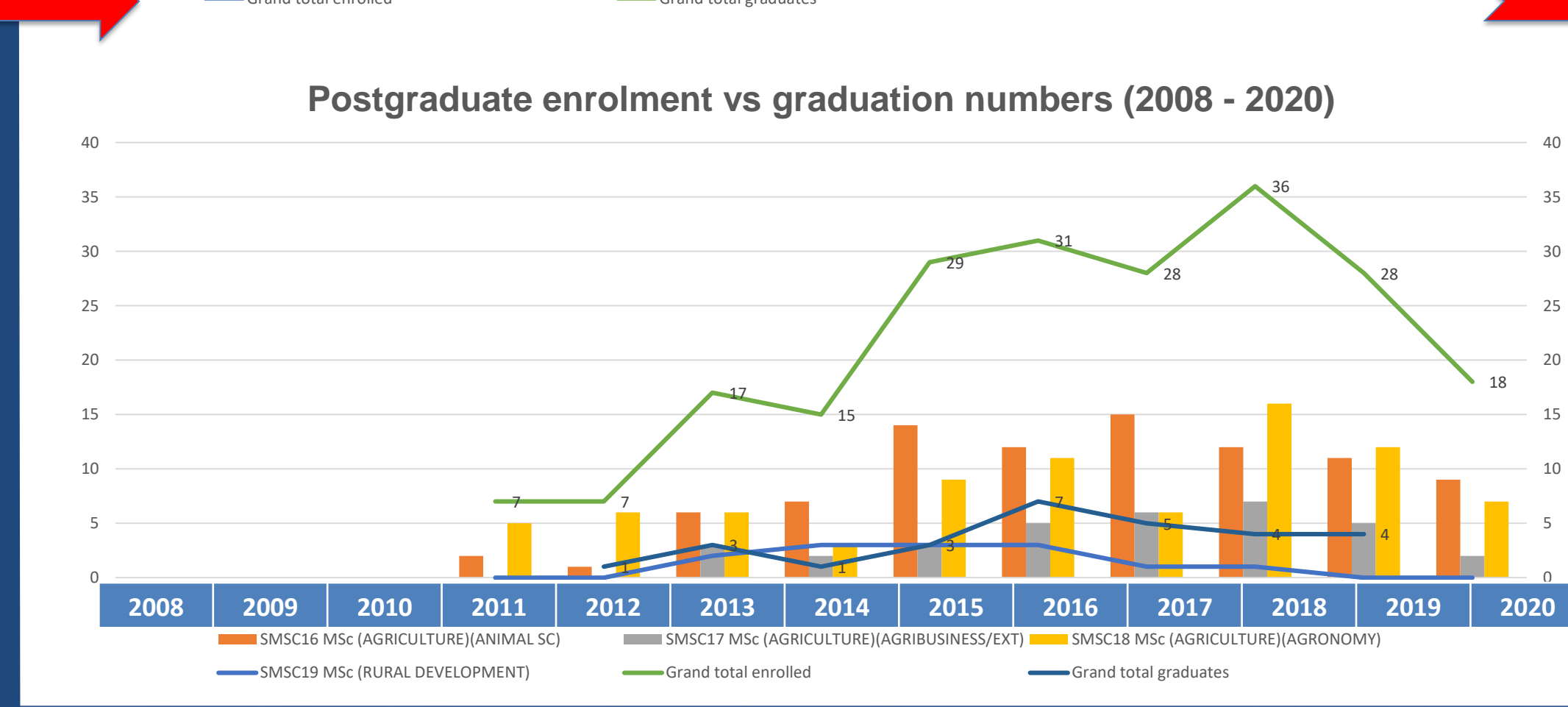
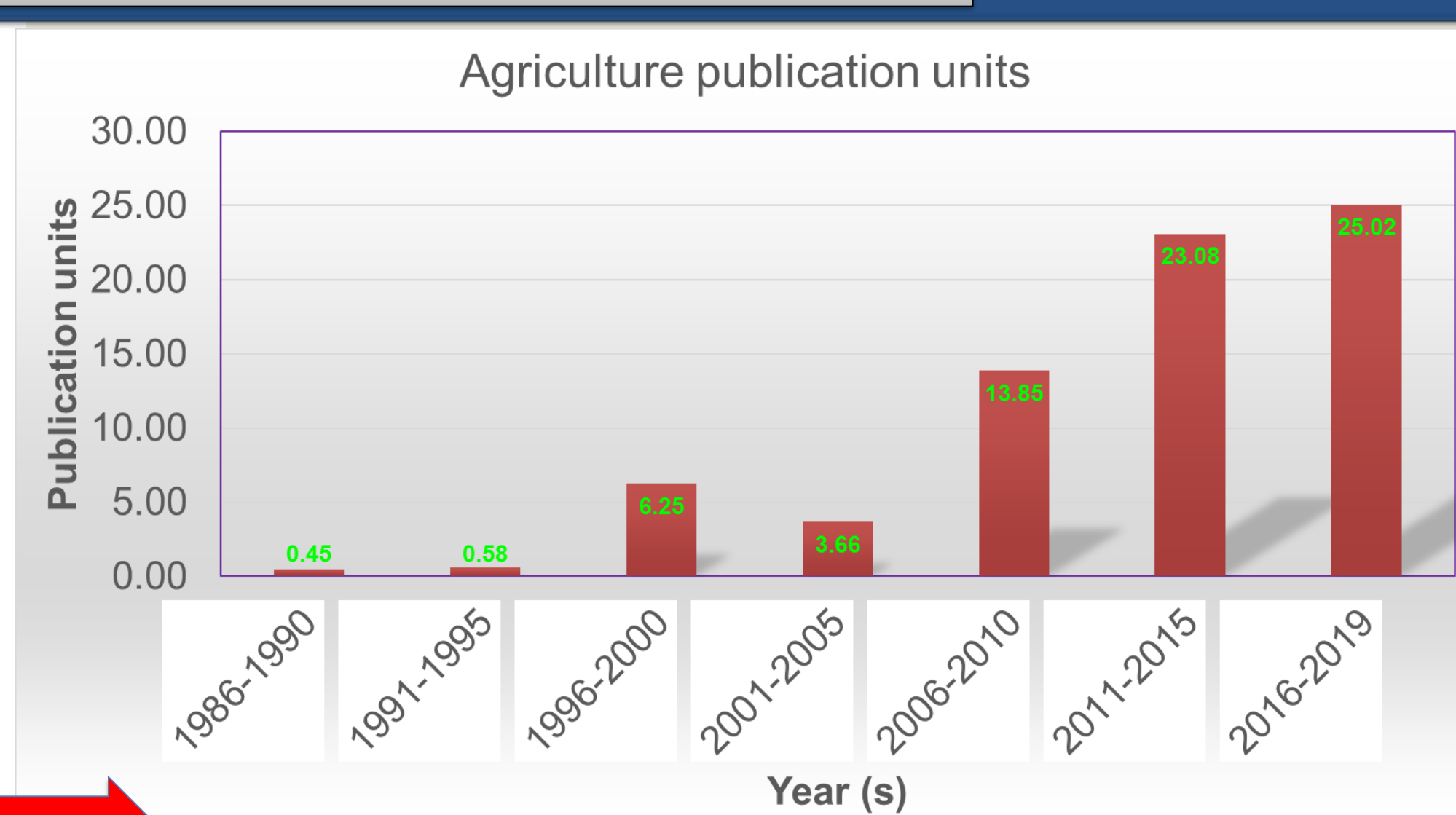
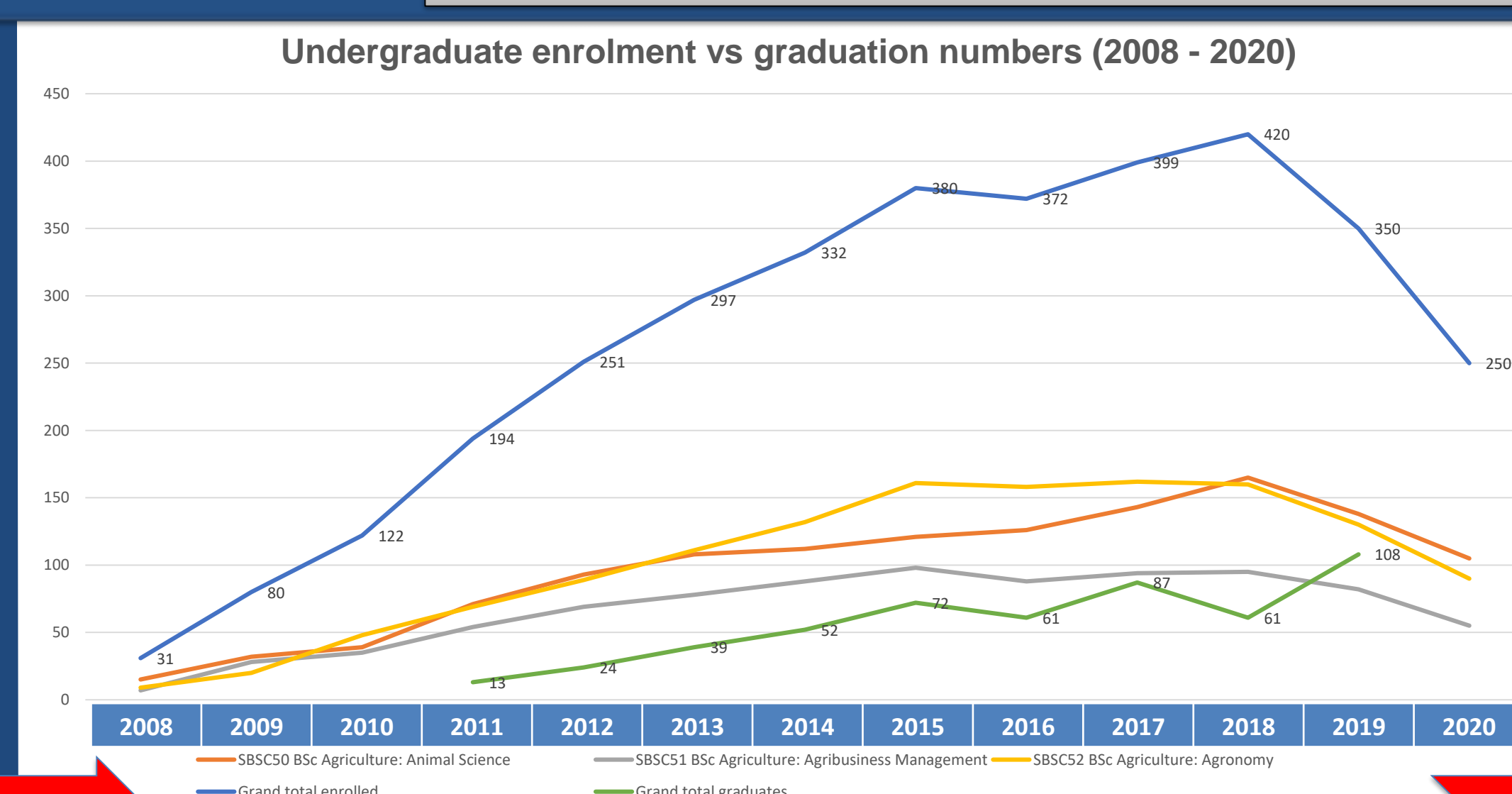
#### Mission

- ❑ To produce professionally and internationally recognized graduates focused on sustainable agriculture, integrated agriculture and agricultural development.
- ❑ To produce relevant information and innovative solutions on agriculture and agricultural development for use by the agricultural scientific community, farmers, the education sector and agribusiness in private and public sectors.
- ❑ To produce sustainable needs-based technology
- ❑ To promote entrepreneurial spirit amongst the agricultural graduates.

#### Programme Evolvement

- ❑ The graduate degree programmes were upgraded to NQF level 8.
  - Starting with Animal Science in 2012.
  - Followed by Agronomy in 2015.
  - And Agribusiness in 2015.
- ❑ This further allowed students to articulate directly to MSc degree programs.
- ❑ The Department is offering Master of Science in:
  - Agribusiness Management
  - Animal Sciences
  - Plant Sciences
  - Soil Sciences
- ❑ The Department offered a Doctor of Agriculture (D Agric). From 2021 the Department will be offering a Doctor of Philosophy (PhD) in Agriculture in:
  - Agribusiness Management
  - Animal Sciences
  - Plant Sciences
  - Soil Sciences
- ❑ The Department has three NRF rated researchers

#### Student Enrolment vs Graduation, Research Output & Funding



#### Some Selected Stakeholder, Community Engagement & Affiliations



An outreach programme to teach a Barn system egg production – using the most affordable materials (Sunlight Amber-link) at Gingindlovu

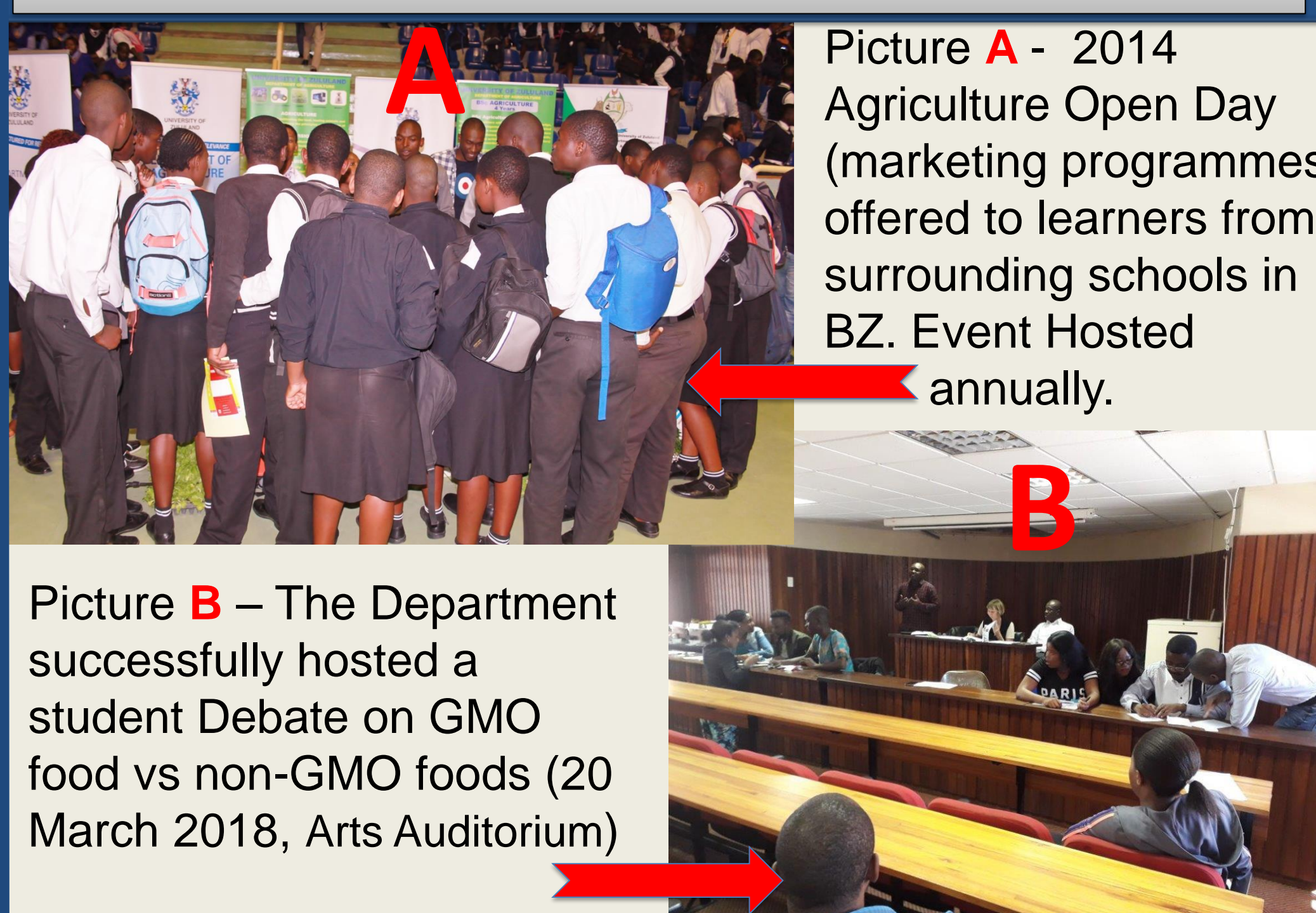


The Kwambonambi rural community in collaboration with the ARC-VOP (Vegetable and Ornamental Plants) (2014 to 2018) (MSc NRF funded project).



The Department working with a woman co-operative (Zinkanyezi Zakusasa) in collaboration with Richards Bay Coal Terminal (RBCT).

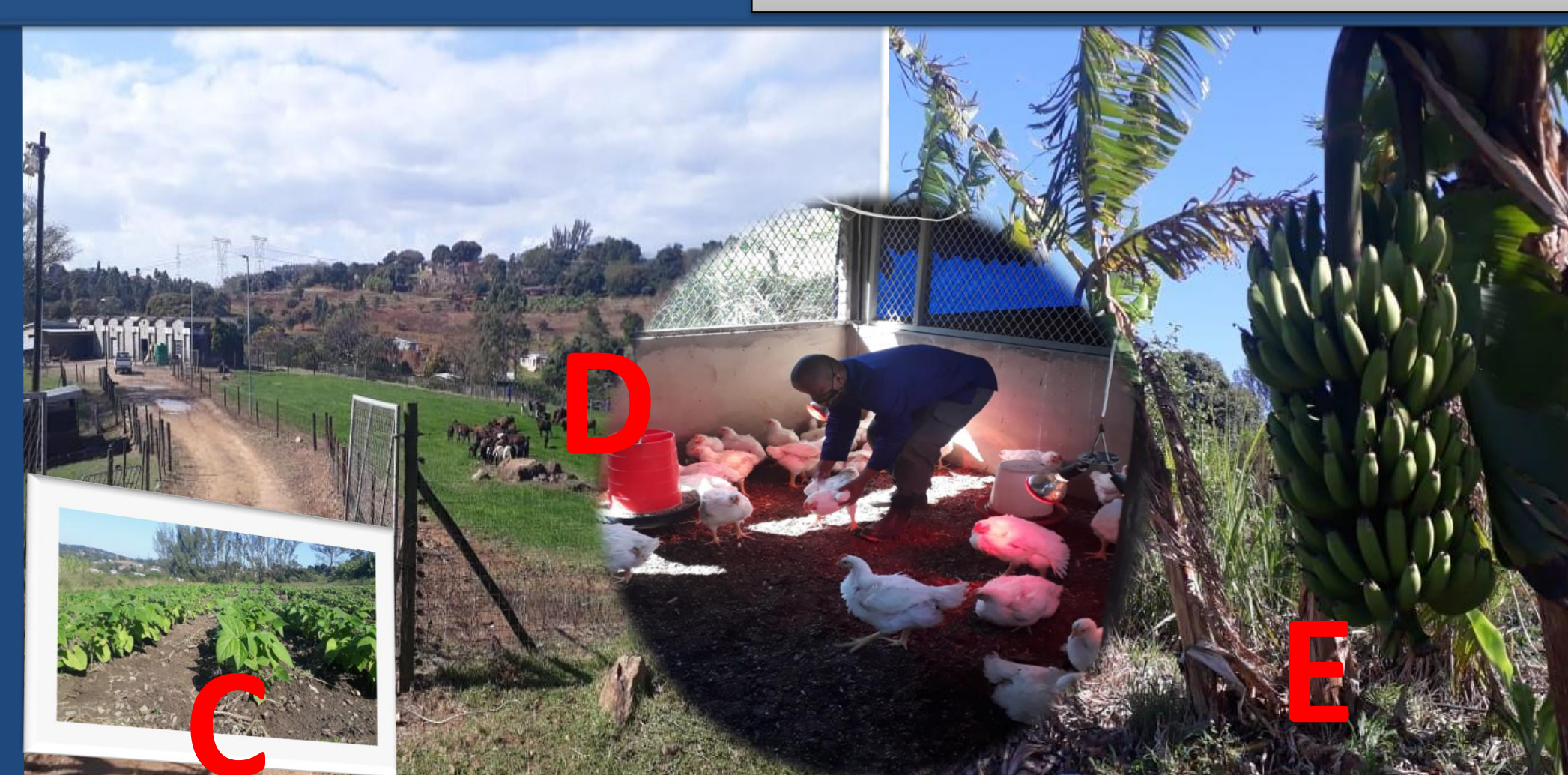
#### Some Events Hosted



Picture **A** - 2014 Agriculture Open Day (marketing programmes offered to learners from surrounding schools in BZ. Event Hosted annually.

Picture **B** – The Department successfully hosted a student Debate on GMO food vs non-GMO foods (20 March 2018, Arts Auditorium)

#### UNIZULU Farm and Laboratory Equipment



UNIZULU farm comprises of three (3) Units namely: Picture **C** – Crop; Picture **D** – Livestock (Ruminants and Poultry); and Picture **E** – Orchard.



The Department boasts some State-of-the-Art Laboratory equipment, for example, Picture **F** – Agilent ICP - OES 700 Series; Picture **G** – PE-Flexar uHPLC with UV Vis detector and Picture **H** – LECO CN628 Autoanalyzer