

NATIONAL UNIVERSITY OF LESOTHO
FACULTY OF AGRICULTURE
DEPARTMENT OF ANIMAL SCIENCE
SECOND SEMESTER EXAMINATION 2022/2023 SESSION
REM4506 – FEEDS PROCESSING AND PRESERVATION

DATE: JUNE 2023

MARKS: 100

TIME: 3 HOURS

INSTRUCTIONS AND INFORMATION

1. ALL questions are compulsory.
2. Number the answers correctly according to the numbering system used in this question paper.
3. Pay attention to spelling and sentence construction.
4. Write neatly and legibly.
5. **Avoid long paragraphs or composition format. Remember the Answering GUIDELINES.**
6. **Write Student Number, Surname & Initials, & GROUP NUMBER.**

Question 1

Outline quality characteristics of conserved forage feeds for a local farmer.

(10 marks)

Question 2

Develop the standard values recommended for smallholders during storage of forage crops.

(10 marks)

Question 3

Discuss the common threats experienced by smallholder farmers during safeguarding of forage crops with particular reference to Lesotho.

(20 marks)

Question 4

Describe different categories of low moisture content conserved forage widely used by smallholder farmers in livestock feeding.

(20 marks)

Question 5

Explain how you would teach local farmers to follow basic procedures involved in preserving low moisture feed for purpose of feeding their animals in 2023 dry season.

(20 marks)

Question 6

A local farmer planted his maize crop in late spring season last year. What should the farmer do to avoid maize crop freeze before harvest?

(20 marks)