Recognise Basic Breeding Behaviour of Farm Animals

My Name: ..................................................
My Workplace: ..............................................
Commodity: .......................... Date: ....................

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Before we start...

Dear Learner - on completion of the Learner Guide, you should have acquired all the knowledge and skills to be assessed against the following unit standard:

| Title: Recognise Basic Breeding Behaviour of farm animals |
| US No: 116174 | NQF Level: 1 | Credits: 6 |

Please read the unit standard at your own time (see Learning Guide).

What is assessment all about?

Assessment takes place at different intervals of the learning process and includes various activities. Some activities will be done before the commencement of the program whilst others will be done during programme delivery and other after completion of the program.

The assessment experience should be user friendly, transparent and fair. Should you feel that you have been treated unfairly, you have the right to appeal. Please ask your facilitator about the appeals process and make your own notes.

How to use this workbook ...

Your activity workbook will be handed in from time to time on request of the facilitator for the following purposes:

♦ The activities that follow are designed to help you gain the skills, knowledge and attitudes that you need in order to become competent in this learning module.

♦ It is important that you complete all the activities and worksheets, as directed in the learner guide and at the time indicated by the facilitator.

♦ It is important that you ask questions and participate as much as possible in order to play an active roll in reaching competence.

♦ When you have completed all the activities and worksheets, hand this workbook in to the assessor who will mark it and guide you in areas where additional learning might be required.

♦ You should not move on to the next step in the assessment process until this step is completed, marked and you have received feedback from the assessor.

♦ Sources of information to complete these activities should be identified by your facilitator.

♦ Please note that all completed activities, tasks and other items on which you were assessed must be kept in good order as it becomes part of your Portfolio of Evidence for final assessment.

agriculture

Version: 01  Version Date: July 2006
You must specifically pay attention to and make notes of:

1. The way the animal behaves in the presence of the other sex. Male versus female.

2. The movement and attention of the opposing sex mates.
3. The awareness of the opposing sex mates of the external sex organs of the opposing sex mates.

4. The normal behaviour of the other female or male animals.

Facilitator comments: 

Assessment:
5. The behaviour of the normal animals towards the female animals that are on heat (sexually active).

6. The appearance of the sex organs of the female animal

Facilitator comments: 

Assessment: 
Recognise basic breeding behaviour of farm animals

Primary Agriculture
NQF Level 1
Unit Standard No: 116174

As per arrangement of the facilitator, each individual must also visit the male pens on the farming enterprise to observe their behaviour. Observations must also be done where the male and female animals are put together to be mated.

You are assigned to:

1 (b) Describe the behaviour of specifically the male animal in the presence of a female on heat. You must specifically pay attention to:

- The behaviour of the male if another male is competing for the attention of the same female.

- The behaviour of the male in the presence of a female on heat.
• The behaviour of the male prior to mating.

• Copulation itself.

• The behaviour of the male after mating.
Recognise basic breeding behaviour of farm animals

Primary Agriculture  NQF Level 1  Unit Standard No: 116174

List all the different heat signs (oestrous signs) of the female animals on the farm you visited. Ask the facilitator or farmer to point out the behaviour patterns and signs of heat to look for.

You are assigned to:

1 (c)  Describe oestrus behaviour in the female.

Facilitator comments:

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This activity must form part of your visits to observe animals for mating behaviour. You must make notes when something is observed that you think is abnormal, so that you can discuss it later in class.

You are assigned to:

2 (a) Describe any abnormal breeding behaviour that you observe.

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My Workplace: 
My ID Number: 

Facilitator comments:

Assessment:

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Individual work: Together with other learners you will be assigned a livestock specie to observe, however you are required to take your own notes and hand in your own written report.

Observe the animals at your disposal. Write down all the behaviour that you think is abnormal among the animals that express mating interest in the other animals.

Discuss your observations within your group and again in class.

You are assigned to:

2 (b)

• Identify the females that are on heat.

• Describe the behaviour of the females that are on heat.
• Describe the behaviour of the females to the males when introduced.

• Describe any difficulties in copulation that are observed.

• Describe the interest of the female in the male after successful copulation for a few days.
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It is obligatory that you observe successful mating on your visits to a production enterprise. After your visit the groups must discuss the behaviour of the different species that were studied.

Observe and describe successful mating behaviour.

Individual work: Together with other learners you will be assigned a livestock specie to observe, however you are required to take your own notes and hand in your own written report.

My Name: ........................................
My Workplace: ...................................
My ID Number: .................................

Facilitator comments:

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Visit a farm during the lambing or calving season. Observe the breeding mothers and look for specific behaviour patterns that the mothers express towards their young. Keep in mind that some animals can be dangerous when they care for their young.

After the activity you must discuss your notes with your classmates.

Observe and describe post-breeding behaviour.

Individual work: Together with other learners you will be assigned a livestock specie to observe, however you are required to take your own notes and hand in your own written report.

My Name: ........................................
My Workplace: ...................................
My ID Number: ................................

Facilitator comments:

Assessment:
<table>
<thead>
<tr>
<th>Comments / Remarks</th>
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<tbody>
<tr>
<td>Feedback to learner on assessment:</td>
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| Feedback from learner to assessor: |

<table>
<thead>
<tr>
<th>Learner’s Signature:</th>
<th>Date:</th>
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<table>
<thead>
<tr>
<th>Assessor’s Signature:</th>
<th>Date:</th>
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</table>
Am I ready for my test?

- Check your plan carefully to make sure that you **prepare in good time**.
- You have to be found **competent** by a qualified **assessor** to be declared competent.
- Inform the assessor if you have any **special needs** or requirements **before** the agreed date for the test to be completed. You might, for example, require an interpreter to translate the questions to your mother tongue, or you might need to take this test orally.
- Use this worksheet to help you prepare for the test. These are **examples** of **possible questions** that might appear in the test. All the information you need was taught in the classroom and can be found in the learner guide that you received.

1. **I am sure** of this and understand it well
2. **I am unsure** of this and need to ask the Facilitator or Assessor to explain what it means

<table>
<thead>
<tr>
<th>Questions</th>
<th>1. I am sure</th>
<th>2. I am unsure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Define puberty.</td>
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<td>2. Name four general principles to keep in mind when handling breeding animals.</td>
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<td>3. Name three factors that affect how animals are approached.</td>
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<td>4. Why is the observation and reporting of breeding behaviours on the farm important?</td>
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<td>5. Describe three behaviours of males when they approach a female in heat (name the species of relevance).</td>
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<td>6. Describe 5 signs of oestrus in the female.</td>
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<td>7. Explain why the observance and reporting of post breeding behaviour is important on a farm.</td>
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<td>8. Why should you talk to animals when handling them?</td>
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<td>9. Why are male and female animals usually kept separate?</td>
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<td>10. What do we mean by the term “the female is on heat”?</td>
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</tbody>
</table>
11. Why is it important to use the correct methods when handling animals?

12. Name two anatomical reasons why males may be unable to mount.

13. Describe successful mating behaviour and post mating behaviour.

My Notes …
Checklist for practical assessment ...

Use the checklist below to help you prepare for the part of the practical assessment when you are observed on the attitudes and attributes that you need to have to be found competent for this learning module.

<table>
<thead>
<tr>
<th>Observations</th>
<th>Answer Yes or No</th>
<th>Motivate your Answer (Give examples, reasons, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can you identify problems and deficiencies correctly?</td>
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<tr>
<td>Are you able to work well in a team?</td>
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<tr>
<td>Do you work in an organised and systematic way while performing all tasks and tests?</td>
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<tr>
<td>Are you able to collect the correct and appropriate information and / or samples as per the instructions and procedures that you were taught?</td>
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<tr>
<td>Are you able to communicate your knowledge orally and in writing, in such a way that you show what knowledge you have gained?</td>
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<tr>
<td>Can you base your tasks and answers on scientific knowledge that you have learnt?</td>
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<tr>
<td>Are you able to show and perform the tasks required correctly?</td>
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<tr>
<td>Are you able to link the knowledge, skills and attitudes that you have learnt in this module of learning to specific duties in your job or in the community where you live?</td>
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</tbody>
</table>

♦ The assessor will complete a checklist that gives details of the points that are checked and assessed by the assessor.
♦ The assessor will write commentary and feedback on that checklist. They will discuss all commentary and feedback with you.
♦ You will be asked to give your own feedback and to sign this document.
♦ **It will be placed together with this completed guide in a file as part of your portfolio of evidence.**
♦ The assessor will give you feedback on the test and guide you if there are areas in which you still need further development.
Paperwork to be done ...

Please assist the assessor by filling in this form and then sign as instructed.

<table>
<thead>
<tr>
<th>Learner Information Form</th>
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<tbody>
<tr>
<td><strong>Unit Standard</strong></td>
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<tr>
<td>Program Date(s)</td>
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<td>Assessment Date(s)</td>
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<td>Surname</td>
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<tr>
<td>First Name</td>
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<tr>
<td>Learner ID / SETA Registration Number</td>
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<tr>
<td>Job / Role Title</td>
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<tr>
<td>Home Language</td>
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<tr>
<td>Gender: Male:</td>
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<td>Race: African:</td>
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<tr>
<td>Employment: Permanent:</td>
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<tr>
<td>Disabled Yes:</td>
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<tr>
<td>Date of Birth</td>
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<tr>
<td>ID Number</td>
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<tr>
<td>Contact Telephone Numbers</td>
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<tr>
<td>Email Address</td>
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<tr>
<td>Postal Address</td>
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