



NQF Level: 3 US No: 116214

Assessment Guide

Primary Agriculture

Factors influencing the planning of Agricultural Enterprises

Assessor:

Workplace / Company:

Commodity: Date:

Before we start...

This assessment guide contains all necessary activities and instructions that will enable the assessor and learner to gather evidence of the learner's competence as required by the unit standard. This guide was designed to be used by a trained and accredited assessor whom is registered to assess this specific unit standard as per the requirements of the AgriSETA ETQA.

Prior to the delivery of the program the facilitator and assessor must familiarise themselves with content of this guide, as well as the content of the relevant Learner Workbook.

The assessor, facilitator and learner must plan the assessment process together, in order to offer the learner the maximum support, and the opportunity to reflect competence.

The policies and procedures that are required during the application of this assessment are available on the website of the AgriSETA and should be strictly adhered to. The assessor must familiarise him/herself with this document before proceeding.

This guide provides step-by-step instructions for the assessment process of:

Title: Interpret Factors Influencing Agricultural Enterprises and Plan Accordingly
US No: 116214 NQF Level: 3 Credits: 3

This unit standard is one of the building blocks in the qualification listed below. Please mark the qualification you are currently assessing, because that will be determined by the context of application:

Title	ID Number	NQF Level	Credits	Mark
National Certificate in Animal Production	49048	3	120	<input type="checkbox"/>
National Certificate in Plant Production	49052	3	120	<input type="checkbox"/>

Please mark the learning program you are enrolled in:

Are you enrolled in a:	Y	N
Learnership?	<input type="checkbox"/>	<input type="checkbox"/>
Skills Program?	<input type="checkbox"/>	<input type="checkbox"/>
Short Course?	<input type="checkbox"/>	<input type="checkbox"/>

Note to Assessor:

If you are assessing this module as part of a full qualification or learnership, please ensure that you have familiarized yourself with the content of the qualification.

3**SO 1****Instructions to learner:**

Investigate and report

Learner Guide: Page 21 Facilitator Guide: Page 12

1. Determine the ideal topography and climatic conditions required for the crop produced at your place of work.
2. Pretend that you are required to develop another field for the crop.
3. Identify the ideal site on the farm for such expansion with reference to topography

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

4**SO 1****Instructions to learner:**

Investigate and report

Learner Guide: Page 21 Facilitator Guide: Page 12

1. Identify and plot all natural vegetation types that occur on the farm where you work.
2. Use the Acocks scale to determine vegetation type.
3. Now identify the dominant tree, shrub, grass etc.
4. Determine the density of all alien (invader) species that may exist.

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

5**SO 2****Instructions to learner:**

Investigate and report

Learner Guide: Page 27 Facilitator Guide: Page 13

1. Identify the entire external and internal infrastructure on the farm where you work.
2. Identify the main service providers of external infrastructure.
3. Identify the internal infrastructure on the farm, its use and function and the value thereof.

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

6**SO 2****Instructions to learner:**

Investigate and report

Learner Guide: Page 27 Facilitator Guide: Page 13

Develop a Maintenance plan for internal infrastructure at the farm where you work.

Model Answer(s):

No model answer is provided.
The specific methods used on farm may differ between sites and industries. The learner should however be able to discuss and apply the specific methods used on site.

7**SO 2****Instructions to learner:**

Investigate and report

Learner Guide: Page 27 Facilitator Guide: Page 13

Determine the legislation relevant to all infrastructures at your place of work

Model Answer(s):

No specific answer provided. Ensure however that the pesticide act (Act 36 of 1947), Labour relations act, Food safety act and OHS act are included. Where a farm follows a specific QA regulation such as required by the target market, these should also be included.

8**SO 3****Instructions to learner:**

Investigate and report

Learner Guide: Page 38 Facilitator Guide: Page 14

1. Determine the major inputs that are required at the farm where you work, specific to a crop that you work with (if more than one crop is produced).
2. Determine the volumes of these inputs that are required.
3. Are there any specific characteristics and requirements for the crop that has to be catered for (could be relevant to any aspect such as post harvest handling, specific market requirements, fertilisation requirements or water etc.)
4. Is the crop you are producing suitable to the farm where it is produced – look at aspects such as the layout of the farm, available resources, logistics and infrastructural requirements.
5. Compare the volumes produced to the available infrastructure, is this sufficient?

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

9**SO 4****Instructions to learner:**

Investigate and report

Learner Guide: Page 48 Facilitator Guide: Page 15

1. Develop a production cycle for the crop produced at the farm where you work.
2. Study data reports and determined whether any interventions are required.
3. Ensure that all the farm's procedures are used

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

10**SO 4****Instructions to learner:**

Investigate and report

Learner Guide: Page 48 Facilitator Guide: Page 15

1. Determine where the production records are kept.
2. Is there a written procedure that details how these records should be maintained?
3. Explain how these should be implemented.
4. In your opinion, are these procedures implemented fully at your place of work?

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

11**SO 4****Instructions to learner:**

Investigate and report

Learner Guide: Page 49 Facilitator Guide: Page 15

1. Determine the target market for the crop being produced.
2. Are there any specific requirements regarding quality and handling of the crop that should be adhered to?
3. Are there rules in place to ensure that these procedures are implemented on farm?

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

12**SO 5****Instructions to learner:**

Investigate and report

Learner Guide: Page 58 Facilitator Guide: Page 16

1. What are the harvest procedures required for the crop at your place of work.
2. Identify and explain each of the specific on farm's procedures/practices that you have to apply to.

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

13**SO 5****Instructions to learner:**

Investigate and report

Learner Guide: Page 58 Facilitator Guide: Page 16

1. Determine the primary health and hygiene procedures followed at your place of work.
2. In your opinion, are these procedures sufficient?
3. Demonstrated the procedures to a member of the group.

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

14**SO 5****Instructions to learner:**

Investigate and report

Learner Guide: Page 58 Facilitator Guide: Page 16

1. Which regulations and legislations are relevant to the crops and farming system as it is applied on your farm. (Market specifications, pesticide act, OHS, HACCP and EUPREGAP., should be mentioned)

Model Answer(s):

None provided as the answer will be site specific. The assessor/facilitator should consult with site management to ensure that a relevant model answer is developed prior to the onset of the course.

Summative Test and Attitude & Attribute Evaluation

Before the knowledge test is undertaken, the learner must be reminded of what is expected from him / her in terms of summative and reflexive competence. Read and explain to the learner, the **Preparation for Your Final Assessment** section in the learner workbook. Learners and assessor should sign off this section to acknowledge that this step was completed.

Please set up a knowledge test from the questions given as a guideline to learners and supply each learner with a test sheet.

Supply each report with the following heading:

Unit Standard:	116214	NQF Level:	3
Learner Name:			

Questions	Model Answers
1. Why should soil samples be collected?	In order to have the soil analysed and to determine the fertiliser requirements for the soil so that a near optimum crop can be Produced.
2. Why should water quality be determined?	In order to establish whether the water source is suitable for the specific crop grown
3. What is the benefit of weather forecasts to the farmer?	Helps to determine irrigation schedules, planting times and ideal harvest times.
4. Why is topographical information important in deciding on which crops to grow?	Certain crops require specific environmental and topographic requirements for optimum growth – ideally the crop requirements and the characteristics of the available lands should be closely matched
5. Why is it important to identify natural vegetation occurring on your farm?	Knowing natural vegetation helps to identify the types of plants that will grow, in an area, it will also identify possible presence of endangered species.
6. What are the main components of farm infrastructure?	External and Internal (on farm) infrastructure

Assessment Feedback Form

Comments / Remarks	
Feedback to learner on assessment and / or overall recommendations and action plan for competence:	
Feedback from learner to assessor:	
Assessment Judgement You have been found: <input type="radio"/> Competent <input type="radio"/> Not yet competent in this unit standard	Actions to follow: <input type="radio"/> Assessor report to ETQA <input type="radio"/> Learner results and attendance certification issued
Learner's Signature:	Date:
Assessor's Signature:	Date:
Moderator's Signature:	Date: