




NQF Level: **1** US No: **116201**

Learner Workbook

Primary Agriculture

Harvesting agricultural crops



My name:

My Workplace:

Commodity: Date:

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: Harvest agricultural crops

US No: 116204

NQF Level: 1

Credits: 5

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.
- ◆ Your facilitator should identify sources of information to complete these activities.
- ◆ **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.



1

SO 1, SO 6

In groups investigate and determine the harvest practices used at your place of work. Answer the questions below

My Name:
.....

My Workplace:
.....

My ID Number:
.....

1. Identify the equipment you may need for harvesting a crop grown in your area

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2. Describe how these tools are stored.

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3. Develop a harvesting checklist for use on a crop grown in your area.

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Facilitator comments:

Assessment:



2
SO 2

Sampling for maturity indexing

My Name:
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My Workplace:
.....

My ID Number:
.....

1. Define Maturity Indexing and sampling

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.....

2. In a tree crop sample a section of an orchard for the analyses of sugar content.

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3. Explain how you would determine whether a field crop such as maize has reached the correct moisture content or harvest.

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Facilitator comments:

Assessment:



3
SO 3

Harvesting process

My Name:
.....

My Workplace:
.....

My ID Number:
.....

1. Demonstrate and explain how you would go about harvesting the following crops (where the crop is not grown at your place of work, provide explanations only):

Citrus
Soft Fruit - Tomatoes
Vegetable crops such as Bean

2. Prepare to harvest a section of a field crop grown in your area. Following the guidelines below.
 - a. Identify the equipment needed
 - b. Ensure proper hygiene has been applied
 - c. Identify the crop specific harvest procedures
 - d. Ensure the correct harvest procedures are applied.

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Facilitator comments:	Assessment:
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4

SO 4

Harvesting safety and hygiene

My Name:
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My Workplace:
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My ID Number:
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1. Describe the safety precautions that are required when:

<p>Working with harvesting equipment:</p>
<p>Applying post harvest chemicals:</p>

2. What are the main rules for personal health and safety with regards to harvesting?

Facilitator comments:	Assessment:
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5
SO 5

Waste disposal.

My Name:
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My Workplace:
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My ID Number:
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1. At your place of work - investigate and determine what waste is generated during harvest

[Dashed box for notes]

2. Categories the waste into major groups and determines how the waste is disposed of.

[Dashed box for notes]

Facilitator comments:	Assessment:
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Assessment Feedback Form

Comments / Remarks	
<p>Feedback to learner on assessment:</p>	
<p>Feedback from learner to assessor:</p>	
<p>Learner's Signature:</p>	<p>Date:</p>
<p>Assessor's Signature:</p>	<p>Date:</p>

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

Questions	1. I am sure	2. I am unsure
1. Why is the timing of harvest important - refer to effects on your crop?		
2. Explain why care should be taken during handling of harvested crops to ensure they are not damaged or contaminated. Refer to crop specific procedures used in your environment.		
3. Name four main aspects that will determine at what stage of maturity you will harvest your crop. Discuss these aspects with reference to your environment and crop.		
4. Name the three main environmental factors that will influence storage of harvested crops. Make reference to how the crop you are involved with is stored.		
5. Why are sanitation procedures required during harvest? Refer to the sanitation procedures in place in your place of work.		
6. Name the basic principals of Orchard hygiene. Refer to the orchard hygiene procedures practiced at your place of work.		
7. Describe how you would go about collecting a sample for ripeness testing on a tree crop. Where relevant refer to procedures that may be in use in your place of work.		

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.

Observations	Answer Yes or No	Motivate your Answer (Give examples, reasons, etc.)
Can you identify problems and deficiencies correctly?		
Are you able to work well in a team?		
Do you work in an organised and systematic way while performing all tasks and tests?		
Are you able to collect the correct and appropriate information and / or samples as per the instructions and procedures that you were taught?		
Are you able to communicate your knowledge orally and in writing, in such a way that you show what knowledge you have gained?		
Can you base your tasks and answers on scientific knowledge that you have learnt?		
Are you able to show and perform the tasks required correctly?		
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?		

- ◆ 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.

Learner Information Form				
Unit Standard	116201			
Program Date(s)				
Assessment Date(s)				
Surname				
First Name				
Learner ID / SETA Registration Number				
Job / Role Title				
Home Language				
Gender:	Male:		Female:	
Race:	African:	Coloured:	Indian/Asian:	White:
Employment:	Permanent:		Non-permanent:	
Disabled	Yes:		No:	
Date of Birth				
ID Number				
Contact Telephone Numbers				
Email Address				
Postal Address				Signature: