

081104T4AEX

AGRICULTURAL EXTENSION LEVEL 4

AGR/OS/EXT/CR/02/4

PERFORM CROP PROTECTION

July /August 2024



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

OBSERVATION CHECKLIST

INSTRUCTIONS TO ASSESSOR

1. *Assess the candidate as the practical progresses observing the critical areas*
2. *You are required to mark the practical as the candidate perform the tasks*
3. *You are required to take video clips at critical points*
4. *Ensure the candidate has a name tag and registration code at the back and front*

This guide consists of FOUR (4) printed pages

**Assessor should check the guide to ascertain that all the pages are printed as indicated and
that no questions or answers are missing**

OBSERVATION CHECKLIST

Candidate's name & Registration Code			
Assessor's name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks available	Marks obtained	Comments
TASK 1: CARRY OUT SCOUTING OF PEST AND DISEASES IN THE AVAILABLE CROP FIELD			
1. Wore Personal Protective Equipment as per the job requirement (PPEs: gloves, overall and gumboots). • Gloves • Overall • Gumboots <i>(Award one mark for each donned as per workplace procedures)</i>	3		
2. Identified and assembled FIVE tools and equipment provided as per scout reforms. • Cupboard pencils • Magnifying glass or hand lens • Bags, plastic vials and labels • Measuring tape • Reference materials • Spade • Knapsack sprayer • Pesticides <i>(award ½ a mark for each tool identified)</i>	4		

3. Identified pests in the field based on crop scouting manual. (Award two marks for the pest identified)	2		
4. Identified disease infesting the crop in the field (Award 2 marks for the disease identified or zero)	2		
5. Identified the signs and symptoms of pest and disease infestation based on crop scouting manual. • Symptom • Sign (Award one mark for each identified)	2		
6. Documented the pests and diseases, signs and symptoms as identified and observed in the crop field based on crop scouting manual. • Pests • Diseases • Signs • Symptoms (Award one mark for each)	4		
TASK 2: SPRAYING THE FIELD			
7. Properly mixed the provided pesticide to control the pests based on the type of pest identified. • Properly mixing (Award 2 marks or zero)	2		
8. Sprayed the field using the appropriate chemicals and tool/equipment based on the type of pest identified. • Appropriate chemicals • Proper spraying • Correct too/equipment (Award one mark for each item)	3		
9. Cleaned the tools/ equipment after use based on workplace procedures.	2		

• Cleaning tools • Drying tools (Award one mark for each activity)			
TASK 3: WASTE MANAGEMENT			
10. Properly disposed the waste based on workplace procedures. • Collecting waste • Disposing waste (Award one mark for each activity)	2		
Total	26		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet competent ☐ (Please tick as appropriate) <i>(The candidate is competent if the candidate obtains at least 50%)</i>			
Feedback from candidate:			
Feedback to candidate:			
Candidate’s Signature	Date		
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Assessor’s Signature	Date		
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