

Instruction Sheet for the Candidate

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Perform Integrated Disease Management (IDM)
Purpose of Assessment	Formative Assessment
Candidate Details	Name_____ Registration/Roll Number_____
Guidance for Candidate	To meet this standard, you are required to complete the following within time frame (for practical demonstration & assessment): <ol style="list-style-type: none"> 1. Inspect plant diseases 2. Prepare plan for the management of diseases 3. Implement plant disease management operations
Time: 03 Hrs.	During a practical assessment, under observation by an assessor, you are required to: <ol style="list-style-type: none"> 1. Inspect plant diseases <ul style="list-style-type: none"> • Identify and arrange tools required for inspection process • Identify and record plant diseases and pathogens in target area according to standards • Assess the symptoms on targeted plant according to required disease • Assess the rate of infection of disease by specific pathogen according to ETL. 2. Prepare plan for the management of diseases <ul style="list-style-type: none"> • Select appropriate control method according to field conditions and legislative measures • Prepare plan for selected activity according to environmental conditions. • Arrange tools according to required method • Ensure availability of personal protective equipment (PPE) according to health and safety procedures 3. Implement plant disease management operations <ul style="list-style-type: none"> • Ensure availability of required material for selected method. • Perform required control strategy according to standard procedure • Manage records of the control practices according to procedures • Ensure health and safety standards involved in selected activity
Minimum Evidence Required	

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
Competency Standard	Perform Integrated Disease Management (IDM)
Purpose of Assessment	Formative Assessment
Assessment Task	<ol style="list-style-type: none"> 1. Inspect plant diseases 2. Prepare plan for the management of diseases 3. Implement plant disease management operations

I can.....

Performance Criteria	Yes	No
1. Identify and arrange tools required for inspection process	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify and record plant diseases and pathogens in target area according to standards	<input type="checkbox"/>	<input type="checkbox"/>
3. Assess the symptoms on targeted plant according to required disease	<input type="checkbox"/>	<input type="checkbox"/>
4. Assess the rate of infection of disease by specific pathogen according to ETL.	<input type="checkbox"/>	<input type="checkbox"/>
5. Select appropriate control method according to field conditions and legislative measures	<input type="checkbox"/>	<input type="checkbox"/>
6. Prepare plan for selected activity according to environmental conditions.	<input type="checkbox"/>	<input type="checkbox"/>
7. Arrange tools according to required method	<input type="checkbox"/>	<input type="checkbox"/>
8. Ensure availability of personal protective equipment (PPE) according to health and safety procedures	<input type="checkbox"/>	<input type="checkbox"/>
9. Ensure availability of required material for selected method.	<input type="checkbox"/>	<input type="checkbox"/>
10. Perform required control strategy according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
11. Manage records of the control practices according to procedures	<input type="checkbox"/>	<input type="checkbox"/>
12. Ensure health and safety standards involved in selected activity	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Perform Integrated Disease Management (IDM)
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor _____ Assessor's code: _____ Signature: _____

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

Observation Checklist

Assessment Task	<ol style="list-style-type: none"> 1. Inspect plant diseases 2. Prepare plan for the management of diseases 3. Implement plant disease management operations 			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Identify and arrange tools required for inspection process	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Identify and record plant diseases and pathogens in target area according to standards	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Assess the symptoms on targeted plant according to required disease	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Assess the rate of infection of disease by specific pathogen according to ETL.	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Select appropriate control method according to field conditions and legislative measures	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Prepare plan for selected activity according to environmental conditions.	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Arrange tools according to required method	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Ensure availability of personal protective equipment (PPE) according to health and safety procedures	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Ensure availability of required material for selected method.	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Perform required control strategy according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Manage records of the control practices according to procedures	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Ensure health and safety standards involved in selected activity	<input type="checkbox"/>	<input type="checkbox"/>	
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Knowledge Assessment

Qualification	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
Competency Standard	Perform Integrated Disease Management (IDM)
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	<div style="display: flex; justify-content: space-around; align-items: center;"> COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> </div> Name of the Assessor: _____ Assessor's code: _____ Signature of the Assessor: _____

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	Differentiate between biotic and abiotic diseases?		
2.	Differentiate between sign and symptoms of plant diseases?		
3.	Enlist different methods used for plant diseases management?		
4.	Define and enlist cultural control methods for disease management?		

5.	Explain different types of chemicals used for management of plant diseases?		
6.	What is meant by the term 'biological control'?		
7.	Explain different type of biological control agents?		
8.	Give some examples of commercially available biological control agents?		

Feedback to the Candidate	
Candidate's Signature_____	Assessor's Signature _____