

Instruction Sheet for the Candidate

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Perform transplanting and direct seeding
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. Prepare for transplantation 2. Transplant Nursery seedlings of required crop 3. Perform direct sowing of required crop
Time: 03 Hrs.	During a practical assessment, under observation by an assessor, you are required to:
Minimum Evidence Required	<ol style="list-style-type: none"> 1. Prepare for transplantation <ul style="list-style-type: none"> • Identify and arrange required materials for transplantation of seedlings • Identify and arrange required materials for direct sowing • Prepare plan for required task • Ensure required safety standards 2. Transplant Nursery seedlings of required crop <ul style="list-style-type: none"> • Identify and arrange required tools for transplantation • Perform mulching according to standard requirement • Ensure hardening of nursery seedling according to set standards • Prepare holes in mulch according to standard method • Ensure required environmental conditions for transplantation • Perform transplantation of nursery seedling according to standard procedure • Maintain records as per defined format • Ensure safety standards involved in transplantation

	3. Perform direct sowing of required crop <ul style="list-style-type: none"> • Perform mulching according to standard requirement • Ensure required seed treatment according to set standards • Prepare holes in mulch according to standard method • Ensure required environmental conditions for sowing of required crop • Perform sowing operation of required crop according to standard procedure • Maintain records as per defined format • Ensure safety standards involved in sowing
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Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Perform transplanting and direct seeding
Purpose of Assessment	Formative Assessment
Assessment Task	<ol style="list-style-type: none"> 1. Prepare for transplantation 2. Transplant Nursery seedlings of required crop 3. Perform direct sowing of required crop

I can.....

Performance Criteria	Yes	No
1. Identify and arrange required materials for transplantation of seedlings	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify and arrange required materials for direct sowing	<input type="checkbox"/>	<input type="checkbox"/>
3. Prepare plan for required task	<input type="checkbox"/>	<input type="checkbox"/>
4. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>

5. Identify and arrange required tools for transplantation	<input type="text"/>	<input type="text"/>
6. Perform mulching according to standard requirement	<input type="text"/>	<input type="text"/>
7. Ensure hardening of nursery seedling according to set standards	<input type="text"/>	<input type="text"/>
8. Prepare holes in mulch according to standard method	<input type="text"/>	<input type="text"/>
Ensure required environmental conditions for transplantation	<input type="text"/>	<input type="text"/>
10. Perform transplantation of nursery seedling according to standard procedure	<input type="text"/>	<input type="text"/>
11. Maintain records as per defined format	<input type="text"/>	<input type="text"/>
12. Ensure safety standards involved in transplantation	<input type="text"/>	<input type="text"/>
13. Perform mulching according to standard requirement	<input type="text"/>	<input type="text"/>
14. Ensure required seed treatment according to set standards	<input type="text"/>	<input type="text"/>
15. Prepare holes in mulch according to standard method	<input type="text"/>	<input type="text"/>
16. Ensure required environmental conditions for sowing of required crop	<input type="text"/>	<input type="text"/>
17. Perform sowing operation of required crop according to standard procedure	<input type="text"/>	<input type="text"/>
18. Maintain records as per defined format	<input type="text"/>	<input type="text"/>
19. Ensure safety standards involved in sowing	<input type="text"/>	<input type="text"/>

Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Perform transplanting and direct seeding
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		1. Prepare for transplantation 2. Transplant Nursery seedlings of required crop 3. Perform direct sowing of required crop		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Identify and arrange required materials for transplantation of seedlings	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Identify and arrange required materials for direct sowing	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Prepare plan for required task	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Identify and arrange required tools for transplantation	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Perform mulching according to standard requirement	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Ensure hardening of nursery seedling according to set standards	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Prepare holes in mulch according to standard method	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Ensure required environmental conditions for transplantation	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Perform transplantation of nursery seedling according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Maintain records as per defined format	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Ensure safety standards involved in transplantation	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Perform mulching according to standard requirement	<input type="checkbox"/>	<input type="checkbox"/>	
14.	Ensure required seed treatment according to set standards	<input type="checkbox"/>	<input type="checkbox"/>	
15.	Prepare holes in mulch according to standard method	<input type="checkbox"/>	<input type="checkbox"/>	
16.	Ensure required environmental conditions for sowing of required crop	<input type="checkbox"/>	<input type="checkbox"/>	
17.	Perform sowing operation of required crop according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	

18.	Maintain records as per defined format	<input type="text"/>	<input type="text"/>	
19.	Ensure safety standards involved in sowing	<input type="text"/>	<input type="text"/>	
Competent <input type="checkbox"/>		Perform post management and care		

Knowledge Assessment

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Perform transplanting and direct seeding
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.	What is meant by transplantation?		
2.	What are the initial steps for preparation of transplantation?		

3.	Which conditions are required for transplant nursery seedlings of crop?		
4.	What is meant by seedlings of crop?		
5.	How to perform direct sowing of crop?		
6.	What is mulching?		
7.	Why seed treatment is necessary before sowing?		

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