

Instruction Sheet for the Candidate

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	<ol style="list-style-type: none"> 1. Operate equipment machinery used in off season vegetable production 2. Perform basic field operations for off season vegetable production
Purpose of Assessment	Summative Assessment
Candidate Details	Name_____ Registration/Roll Number_____
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within time frame (for practical demonstration & assessment):</p> <p>“ Perform different field operations (land leveling, ploughing, and planking) for off season vegetable production “</p>
Time: 02 Hrs.	During a practical assessment, under observation by an assessor, you are required to:
Minimum Evidence Required	<ul style="list-style-type: none"> • Ensure fertile soil for off season vegetable production • Perform seed beds/furrows/ridges preparation for off season vegetable production • Perform seedlings/seeds transplantation/sowing for off season vegetable production • Apply Irrigation to maintain the soil moisture for vegetable production • Apply nutrients for growth and development of the crop • Apply weedicides/pesticides/fungicides to protect the plants from weeds, insects, and diseases • Perform harvesting at proper time as per requirement • Perform postharvest handling and operations of produce

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Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
Competency Standard	1. Operate equipment machinery used in off season vegetable production 2. Perform basic field operations for off season vegetable production
Purpose of Assessment	Summative Assessment
Assessment Task	1. Perform different field operations (land leveling, ploughing and planking) using machinery for off season vegetable production

I can.....

Performance Criteria	Yes	No
1. Ensure fertile soil for off season vegetable production	<input type="checkbox"/>	<input type="checkbox"/>

2. Perform seed beds/furrows/ridges preparation for off season vegetable production	<input type="text"/>	<input type="text"/>
3. Perform seedlings/seeds transplantation/sowing for off season vegetable production	<input type="text"/>	<input type="text"/>
4. Apply Irrigation to maintain the soil moisture for vegetable production	<input type="text"/>	<input type="text"/>
5. Apply nutrients for growth and development of the crop	<input type="text"/>	<input type="text"/>
6. Apply weedicides/pesticides/fungicides to protect the plants from weeds, insects, and diseases	<input type="text"/>	<input type="text"/>
7. Perform harvesting at proper time as per requirement	<input type="text"/>	<input type="text"/>
8. Perform postharvest handling and operations of produce	<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	1. Operate equipment machinery used in off season vegetable production 2. Perform basic field operations for off season vegetable production
Purpose of Assessment	Summative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	<div style="display: flex; justify-content: space-around; align-items: center;"> COMPETENT <input type="checkbox"/> NOT YETCOMPETENT <input type="checkbox"/> </div> 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. Perform different field operations (land leveling, ploughing and planking) using machinery for off season vegetable production			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Ensure fertile soil for off season vegetable production	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Perform seed beds/furrows/ridges preparation for off season vegetable production	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Perform seedlings/seeds transplantation/sowing for off season vegetable production	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Apply Irrigation to maintain the soil moisture for vegetable production	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Apply nutrients for growth and development of the crop	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Apply weedicides/pesticides/fungicides to protect the plants from weeds, insects, and diseases	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Perform harvesting at proper time as per requirement	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Perform postharvest handling and operations of produce	<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	1. Operate equipment machinery used in off season vegetable production 2. Perform basic field operations for off season vegetable production
Purpose of Assessment	Summative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____

Assessment Outcome	COMPETENT <input type="checkbox"/>	NOT YET COMPETENT <input type="checkbox"/>
	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.	Enlist the implements for ploughing?		
2.	What are the functions of laser land leveler?		
3.	Describe the methods of weeding?		
4.	How calibration of implements is done?		
5.	Narrate the methods of spraying?		

6	Enlist the implements used for tillage?		
7	Describe the working of tractor?		
8	Define IPM?		
9	Enlist the harvesting tools?		
10	What is nutrient management?		

11	Enlist the management and maintenance tools for off season vegetable production?		
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Feedback to the Candidate	
Candidate's Signature _____	Assessor's Signature _____