

## Instruction Sheet for the Candidate

<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
<b>Competency Standard</b>	Perform Management Practices for Crop Production
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name_____ Registration/Roll Number_____
<b>Guidance for Candidate</b>	<p><b>To meet this standard, you are required to complete the following within time frame (for practical demonstration &amp; assessment):</b></p> <ol style="list-style-type: none"> <li>1. Prepare for work plan</li> <li>2. Perform earthing up</li> <li>3. Perform thinning</li> <li>4. Perform training activity</li> <li>5. Perform pruning to maintain healthy plant</li> <li>6. Perform staking process</li> <li>7. Perform emasculation</li> <li>8. Perform pinching</li> <li>9. Perform deflowering process</li> <li>10. Maintain phytosanitary conditions</li> </ol>
<b>Time: 03 Hrs.</b>	<p>During a practical assessment, under observation by an assessor, you are required to:</p> <p><b>1.Prepare for work plan</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools for required management practices</li> <li>• Prepare plan for required task</li> <li>• Ensure required safety standards</li> </ul>
<b>Minimum Evidence Required</b>	<p><b>2.Perform earthing up</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools for earthing-up</li> <li>• Perform earthing-up activity according to standard procedure</li> <li>• Ensure required safety standards</li> <li>• Maintain records</li> </ul> <p><b>3.Perform thinning</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools for thinning activity</li> <li>• Perform Thinning activity according to standard procedure</li> <li>• Ensure required safety standards</li> </ul>

	<ul style="list-style-type: none"> <li>• Maintain records</li> </ul> <p><b>4.Perform training activity</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools for training of required vegetable</li> <li>• Perform training activity on required crop according to standard procedure</li> <li>• Ensure required safety standards</li> <li>• Maintain records</li> </ul> <p><b>5.Perform pruning to maintain healthy plant</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools for pruning</li> <li>• Perform pruning activity according to standard procedure</li> <li>• Ensure required safety standards</li> <li>• Maintain records</li> </ul> <p><b>6.Perform staking process</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools for staking</li> <li>• Perform staking process according to standard procedure</li> <li>• Ensure required safety standards</li> <li>• Maintain records</li> </ul> <p><b>7.Perform emasculation</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools for emasculation</li> <li>• Perform emasculation activity according to standard procedure</li> <li>• Ensure required safety standards</li> <li>• Maintain records</li> </ul> <p><b>8.Perform pinching</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools for pinching</li> <li>• Perform pinching activity according to standard procedure</li> <li>• Ensure required safety standards</li> <li>• Maintain records</li> </ul> <p><b>9.Perform deflowering process</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools for deflowering</li> <li>• Perform deflowering activity according to standard procedure</li> <li>• Ensure required safety standards</li> <li>• Maintain records</li> </ul> <p><b>10.Maintain phytosanitary conditions</b></p> <ul style="list-style-type: none"> <li>• Maintain phytosanitary conditions according to standard procedure</li> <li>• Perform safe disposal of plant waste according to SOPs</li> <li>• Ensure required safety standards</li> <li>• Maintain records</li> </ul>
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## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
<b>Competency Standard</b>	Perform Management Practices for Crop Production
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ol style="list-style-type: none"> <li>1. Prepare for work plan</li> <li>2. Perform earthing up</li> <li>3. Perform thinning</li> <li>4. Perform training activity</li> <li>5. Perform pruning to maintain healthy plant</li> <li>6. Perform staking process</li> <li>7. Perform emasculation</li> <li>8. Perform pinching</li> <li>9. Perform deflowering process</li> <li>10. Maintain phytosanitary conditions</li> </ol>

I can.....

Performance Criteria	Yes	No
1. Identify and arrange tools for required management practices	<input type="checkbox"/>	<input type="checkbox"/>
2. Prepare plan for required task	<input type="checkbox"/>	<input type="checkbox"/>
3. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
4. Identify and arrange tools for earthing-up	<input type="checkbox"/>	<input type="checkbox"/>
5. Perform earthing-up activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
6. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
7. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
8. Identify and arrange tools for thinning activity	<input type="checkbox"/>	<input type="checkbox"/>
9. Perform Thinning activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
10. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
11. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
12. Identify and arrange tools for training of required vegetable	<input type="checkbox"/>	<input type="checkbox"/>

13. Perform training activity on required crop according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
14. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
15. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
16. Identify and arrange tools for pruning	<input type="checkbox"/>	<input type="checkbox"/>
17. Perform pruning activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
18. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
19. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
20. Identify and arrange tools for staking	<input type="checkbox"/>	<input type="checkbox"/>
21. Perform staking process according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
22. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
23. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
24. Identify and arrange tools for emasculation	<input type="checkbox"/>	<input type="checkbox"/>
25. Perform emasculation activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
26. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
27. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
28. Identify and arrange tools for pinching	<input type="checkbox"/>	<input type="checkbox"/>
29. Perform pinching activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
30. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
31. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
32. Identify and arrange tools for deflowering	<input type="checkbox"/>	<input type="checkbox"/>
33. Perform deflowering activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
34. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
35. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
36. Maintain phytosanitary conditions according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
37. Perform safe disposal of plant waste according to SOPs	<input type="checkbox"/>	<input type="checkbox"/>

38.Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
39.Maintain records	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature\_\_\_\_\_ Assessor's Signature\_\_\_\_\_

Date: \_\_\_\_\_

## Assessors Judgment Guide

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

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	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>		
Knowledge Assessment	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Other Requirement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

## Observation Checklist

<b>Assessment Task</b>		1. Prepare for work plan 2. Perform earthing up 3. Perform thinning 4. Perform training activity 5. Perform pruning to maintain healthy plant 6. Perform staking process 7. Perform emasculation 8. Perform pinching 9. Perform deflowering process 10. Maintain phytosanitary conditions		
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Identify and arrange tools for required management practices	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Prepare plan for required task	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Identify and arrange tools for earthing-up	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Perform earthing-up activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Identify and arrange tools for thinning activity	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Perform Thinning activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Identify and arrange tools for training of required vegetable	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Perform training activity on required crop according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
14.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
15.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	

16.	Identify and arrange tools for pruning	<input type="checkbox"/>	<input type="checkbox"/>	
17.	Perform pruning activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
18.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
19.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	
20.	Identify and arrange tools for staking	<input type="checkbox"/>	<input type="checkbox"/>	
21.	Perform staking process according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
22.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
23.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	
24.	Identify and arrange tools for emasculation	<input type="checkbox"/>	<input type="checkbox"/>	
25.	Perform emasculation activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
26.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
27.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	
28.	Identify and arrange tools for pinching	<input type="checkbox"/>	<input type="checkbox"/>	
29.	Perform pinching activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
30.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
31.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	
32.	Identify and arrange tools for deflowering	<input type="checkbox"/>	<input type="checkbox"/>	
33.	Perform deflowering activity according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
34.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
35.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	
36.	Maintain phytosanitary conditions according to standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	

37.	Perform safe disposal of plant waste according to SOPs	<input type="checkbox"/>	<input type="checkbox"/>	
38.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
39.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	
Competent <input type="checkbox"/>		Perform post management and care		

## Knowledge Assessment

<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
<b>Competency Standard</b>	Perform Management Practices for Crop Production
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <span><b>COMPETENT</b> <input type="checkbox"/></span> <span><b>NOT YET COMPETENT</b> <input type="checkbox"/></span> </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 crop production?		



2.	Define thinning and earthing up?		
3.	Why thinning is necessary?		
4.	Difference between staking process and deflowering?		
5.	Define emasculation?		
6.	What is the purpose of pruning?		
7.	What is pinching?		

8.	Why phytosanitary is necessary for harvest produce?		

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