

CHILLI PRODUCTION

Assessment Package

National Vocational
Certificate Level 2

Version 1 - January 2014

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Document Version

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ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>SELECTION, TREATMENT AND STORAGE OF SUITABLE SEED</h1>																				
Qualification Chilli Production CS Code: Level: 2 Credit: 20 Version: 1																					
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1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: SELECTION, TREATMENT AND STORAGE OF SUITABLE SEED		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Pick the lots for producing seeds from the field of chilli. Extract the chilli seeds from healthier chilli pods and treat with authorized fungicide and insecticide pest then packaged and tag seed 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your Assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> NA 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **three hours** timeframe:

- Pick the lots for producing seeds from the field of chilli.
- Extract the chilli seeds from healthier chilli pods and treat with authorized fungicide and insecticide pest then packaged and tag seed.

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of selection, treatment and storage of suitable seed under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly perform the following tasks :</p> <ul style="list-style-type: none"> • Pick the lots for producing seeds from the field of chilli. <ul style="list-style-type: none"> ✓ Inspect visually the plants of chilli from the field of chilli ✓ Identify the Dandy Cut variety of chilli from the field of chilli ✓ Separate the normal and damaged pods of Dandy Cut from the field of chilli ✓ Select the healthy pods from the normal pods for the chilli nursery • Extract the chilli seeds from healthier chilli pods and treat with fungicide and insecticide pest. <ul style="list-style-type: none"> ✓ Select the field site for extraction of seeds from chilli pods ✓ Clean the field site for the extraction of seeds from the chilli pods. ✓ Perform crushing of chillies with the help of hands/sticks. ✓ Calculate and prepare the mixture of fungicide and insecticide for the seed treatment ✓ Dip the chili seeds in the mixture of fungicide and insecticide for disease protection ✓ Pack the seeds in the paper envelope having small holes for airflow ✓ Store the packed seeds in the airy, dust free and moisture less area
<p>2. Other requirements</p>	<ul style="list-style-type: none"> • NA
<p>3. Answer any questions your assessor may have during the practical assessment</p>	<p>My answers to questions are correct and demonstrate my understanding of the topics and their application.</p>

3

ASSESSOR JUDGEMENT GUIDE

Candidate's NameFather's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of [Competency Standard Title] under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Pick the lots for producing seeds from the field of chilli.	Inspected visually the plants of chilli from the field of chilli			
	Identified the Dandy Cut variety of chilli from the field of chilli			
	Separated the normal and damaged pods of Dandy Cut from the field of chilli			
	Selected the healthy pods from the normal pods for the chilli nursery			
Extract the chilli seeds from healthier chilli pods and treat with fungicide and insecticide pest.	Selected the field site for extraction of seeds from chilli pods			
	Cleaned the field site for the extraction of seeds from the chilli pods			
	Performed crushing of chillies with the help of hands/sticks.			
	Calculated and prepare the mixture of fungicide and insecticide for the seed treatment			
	Dipped the chili seeds in the mixture of fungicide and insecticide for disease protection			
	Packed the seeds in the paper envelope having small holes for airflow			
	Stored the packed seeds in the airy, dust free and moisture less area			
2. Other requirements	NA			

<p>3. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
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4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time/simulated environment.

2. List of tools and equipment required(for five candidates)		
S. No	Items	Quantity
1	Spade	5
2	Water sprinkler	5
3	Photographs of normal and damaged chilli pods.	5

3. List of consumable items required(for five candidates)		
S. No	Items	Quantity
1	Chilli seeds(5 kg)	5
2	Insecticides and pesticides(as per)	5



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>CARRYOUT LAND PREPARATION AND SOWING OF SEEDS</h1>																				
Qualification chilli production CS Code: Level: 2 Credit: 9 Version: 1																					
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1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: CARRYOUT LAND PREPARATION AND SOWING OF SEEDS		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Sow the seeds in the nursery and do the transplantation of chilli seeds. Perform the irrigation of chilli crop. 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your Assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> NA 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **[three hours]** timeframe:

- Sow the seeds in the nursery and do the transplantation of chilli seeds.
- Perform the irrigation of chilli crop.

ACTIVITIES	CANDIDATE RESPONSE
1. Complete practical task of carryout land treatment and sowing of seeds under observation by an assessor	During a practical assessment, under observation by an assessor, I will correctly <ul style="list-style-type: none"> • Sow the seeds in the nursery and do the transplantation. <ul style="list-style-type: none"> ✓ Evaluate the type and texture of the nursery soil for the sowing of chilli seeds. ✓ Check and remove the unwanted weeds before sowing chilli seeds in the land. ✓ Level the whole growing land with laser leveller for the sowing of chilli seeds. ✓ Select the site of nursery within the ✓ Sowing of chilli seeds. ✓ Cover the seed with appropriate material and procedure.as per conditions and requirements. • Check, perform and maintain the irrigation of crop. <ul style="list-style-type: none"> ✓ Select the appropriate irrigation system on the basis of availability, water quality. ✓ Determine the hardness of water for irrigation system. ✓ Manage the irrigation intervals as per crop requirement. ✓ Identify the unsuitable water using appropriate procedures.
2.Other requirements	<ul style="list-style-type: none"> • NA
3. Answer any questions your assessor may have during the practical assessment	My answers to questions are correct and demonstrate my understanding of the topics and their application.

3

ASSESSOR JUDGEMENT GUIDE

Candidate's NameFather's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of carryout land preparation and sowing of seeds under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Sow the seeds in the nursery and do the transplantation.	Evaluated the type and texture of the nursery soil for the sowing of chilli seeds			
	Checked and remove the unwanted weeds before sowing chilli seeds in the land			
	Levelled the whole growing land with laser leveller for the sowing of chilli seeds.			
	Selected the site of nursery within the Sowing of chilli seeds.			
	Covered the seed with appropriate material and procedure.as per conditions and requirements			
Check, perform and maintain the irrigation of crop.	Selected the appropriate irrigation system on the basis of availability, water quality.			
	Determined the hardness of water for irrigation system			
	Managed the irrigation intervals as per crop requirement.			
	Identified the unsuitable water using appropriate procedures. critical performance criteria			
2. Other requirements	All other requirements related to the Assessment			

<p>3. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
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4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time/simulated environment.

2. List of tools and equipment required(for five candidates)		
S. No	Items	Quantity
1	khurpee	5
2	Plastic Seed bags	5
3	Tractor	1

3. List of consumable items required(for five candidates)		
S. No	Items	Quantity
1	Chilli seed	5
2	cultivator	5
3	Laser leveller	



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>CARRYOUT WEED MANAGEMENT</h1>																				
Qualification Chilli Production CS Code: Level: 2 Credit: 11 Version: 1																					
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1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: CARRY OUT WEED MANAGEMENT		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Identify the weeds of chilli crop and apply authorized weedicide on chilli crops. 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your Assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> NA 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **three hours** timeframe:

- Identify the weeds of chilli crop and apply authorized weedicide on chilli crops.

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of [carryout weed management] under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly</p> <ul style="list-style-type: none"> • Identify the weeds of chilli crop and apply authorized weedicide on chilli crops. <ul style="list-style-type: none"> ✓ Select the suitable weedicides on the field. ✓ Get the selected weedicide from registered certified dealers. ✓ Apply the weedicide at weeds. ✓ Select appropriate nozzles for sprayers. ✓ Select the appropriate method to prevent weed. ✓ Select appropriate method for weed removal. ✓ Remove weeds manually, physically and chemical.
<p>2. Other requirements</p>	<ul style="list-style-type: none"> • NA
<p>3. Answer any questions your assessor may have during the practical assessment</p>	<p>My answers to questions are correct and demonstrate my understanding of the topics and their application.</p>

3

ASSESSOR JUDGEMENT GUIDE

Candidate's NameFather's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of [Competency Standard Title] under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Identify the weeds of chilli crop and apply authorized weedicide on chilli crops.	Selected the suitable weedicides on the field.			
	Got the selected weedicide from registered certified dealers			
	Applied the weedicide at weeds.			
	Selected appropriate nozzles for sprayers			
	Selected the appropriate method to prevent weed.			
	Selected appropriate method for weed removal.			
	Removed weeds manually, physically and chemical			
2. Other requirements	NA			

<p>3. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
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4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time/simulated environment.

2. List of tools and equipment required(for five candidates)		
S. No	Items	Quantity
1	Photographs of common weeds	5
2	Cultivator	2
3		

3. List of consumable items required(for five candidates)		
S. No	Items	Quantity
1	nursery	1
2		0
3		0



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>CARRYOUT FERTILIZER MANAGEMENT AS PER SOIL CONDITION</h1>																					
Qualification Chilli Production CS Code: Level: 2 Credit: 8 Version: 1																						
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1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: CARRYOUT FERTILIZER MANAGEMENT AS PER SOIL CONDITION		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Determine the soil suitability for growing chillies and apply suitable fertilizers on the basis of soil composition. Apply organic fertilizers and supplementary nutrients. 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your Assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> NA 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **[three hours]** timeframe:

- Determine the soil suitability for growing chillies and apply suitable fertilizers on the basis of soil composition.
- Apply organic fertilizers and supplementary nutrients.

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of carryout fertilizers as per soil condition under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly</p> <ul style="list-style-type: none"> • Determine the soil suitability for growing chillies and apply suitable fertilizers. <ul style="list-style-type: none"> ✓ Use suitable equipment for soil sampling. ✓ Perform randomized sampling of soil. ✓ Select the reliable laboratory for soil testing ✓ Select appropriate fertilizers for the soil on the basis of soil and crop requirement. ✓ Apply the required dosage of fertilizers using appropriate procedures. • Apply organic fertilizers and supplementary nutrients. <ul style="list-style-type: none"> ✓ Select appropriate organic fertilizers such as cattle manure, cereal and legume stoves and wood land litter on the basis of soil and crop requirement, cost and availability. ✓ Apply nutrients/minerals for supplementing fertilizers ✓ Use organic fertilizer at proper time.
<p>2. Other requirements</p>	<ul style="list-style-type: none"> • NA
<p>3. Answer any questions your assessor may have during the practical assessment</p>	<p>My answers to questions are correct and demonstrate my understanding of the topics and their application.</p>

3

ASSESSOR JUDGEMENT GUIDE

Candidate's NameFather's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of carryout fertilizer management as per soil condition under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Determine the soil suitability for growing chillies and apply suitable fertilizers.	Used suitable equipment for soil sampling.			
	Performed randomized sampling of soil.			
	Selected the reliable laboratory for soil testing			
	Selected appropriate fertilizers for the soil on the basis of soil and crop requirement.			
	Applied the required dosage of fertilizers using appropriate procedures.			
Apply organic fertilizers and supplementary nutrients.	Selected appropriate organic fertilizers such as cattle manure, cereal and legume stoves and wood land litter on the basis of soil and crop requirement, cost and availability.			
	Applied nutrients/minerals for supplementing fertilizers			
	Used organic fertilizer at proper time.			
2. Other requirements	NA			

<p>3. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
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4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time/simulated environment.

2. List of tools and equipment required(for five candidates)		
S. No	Items	Quantity
1	Soil sampler	5
2	PH meter	5
3		0

3. List of consumable items required(for five candidates)		
S. No	Items	Quantity
1	Pesticides	5
2	Fertilizers(as per requirement)	0
3	Soil sample collection bags	0



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>CARRYOUT PEST MANAGEMENT</h1>
Qualification Chilli Production CS Code: Level: 2 Credit: 9 Version: 1	

CONTENTS	1. Assessment Summary and Record 2. Candidate Assessment 3. Assessor Judgment Guide 4. List of required tools/equipment, material and context of assessment
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ASSESSMENT AND ASSESSOR DETAILS	Competent <input type="checkbox"/> Not Yet Competent <input type="checkbox"/>																
	Assessment <input type="checkbox"/> Re-Assessment <input type="checkbox"/>																
	Assessor's Name _____ Assessor's Code _____ Assessor's Signature _____ Date <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">DD</td> <td style="text-align: center;">MM</td> <td colspan="4"></td> <td style="text-align: center;">YYYY</td> </tr> </table>											DD	MM				
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CANDIDATE DETAILS	Candidate's Name _____ <small style="display: flex; justify-content: space-between; width: 100%;"> First Name Last Name </small>																				
	Father's Name _____																				
	Institute Name and District _____																				
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	Registration Number issued by Assessment Body _____																				
	Gender Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>																				
	Candidate's Consent I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.																				
	Candidate's Signature _____																				

ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an <i>Assessment Results Summary Form</i> . Simply post a photocopy of this completed coversheet to NAVTTCC
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ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: CARRY OUT PEST MANAGEMENT		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Apply proper pests as per requirement of chilli crop 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your Assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> NA 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **three hours** timeframe:

- Apply proper pests as per requirement of chilli crop.

ACTIVITIES	CANDIDATE RESPONSE
1. Complete practical task of carry out pest management under observation by an assessor	During a practical assessment, under observation by an assessor, I will correctly <ul style="list-style-type: none">• Apply proper pests as per requirement of chilli crop.<ul style="list-style-type: none">✓ Identify the insect pest and diseases of chillies.✓ Diagnose the disease that attack at particular stages of chilli crop production.✓ Examine the chilli crop daily.✓ Select the appropriate fungicide according to mould attack in the chilli crop.✓ Pick the insecticides or fungicides from reliable source.✓ Apply pesticides using safety measures in the chilli crop.
2. Other requirements	<ul style="list-style-type: none">• NA
3. Answer any questions your assessor may have during the practical assessment	My answers to questions are correct and demonstrate my understanding of the topics and their application.

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of carry out pest management under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Apply proper pests as per requirement of chilli crop.	Identified the insect pest and diseases of chillies.			
	Diagnosed the disease that attack at particular stages of chilli crop production.			
	Examined the chilli crop daily.			
	Selected the appropriate fungicide according to mould attack in the chilli crop.			
	Picked the insecticides or fungicides from reliable source.			
	Applied pesticides using safety measures in the chilli crop			
	Applied proper pests as per requirement of chilli crop.			
2. Other requirements	NA			

<p>3. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
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4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time/simulated environment.

2. List of tools and equipment required(for five candidates)		
S. No	Items	Quantity
1	sprayer	5
2	nozzles	5
3	Magnify glass	5

3. List of consumable items required(for five candidates)		
S. No	Items	Quantity
1	Pesticides and fungicides	5
2		
3		0



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h2 style="margin: 0;">CARRYOUT HARVESTING AND POST HARVESTING MANAGEMENT</h2>																																		
Qualification Chilli Production CS Code: Level 2 Credit: 25 Version: 1																																			
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ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: CARRYOUT HARVESTING AND POST HARVESTING MANAGEMENT		
Practical Skill Demonstration				✓	<ul style="list-style-type: none"> Perform harvesting and packing of fresh picked chillies. Apply suitable procedures to dry the chilli. Pack, transport and store the dried chillies. 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your Assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> NA 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **three hours** timeframe:

- Perform harvesting and packing of fresh picked chillies.
- Apply suitable procedures to dry the chilli.
- Pack, transport and store the dried chillies.

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of carryout harvesting and post harvesting management 2. under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly</p> <ul style="list-style-type: none"> • Perform the harvesting of mature chillies. <ul style="list-style-type: none"> ✓ Check the maturity time of chilli crop. ✓ Decide the picking time of chilli crop ✓ Pick only the mature chillies from chilli plants. ✓ Put the mature picked chillies in the plastic baskets. ✓ Transport the picked chilli baskets to the dry centre. • Apply the procedure to dry the chilli. <ul style="list-style-type: none"> ✓ Select the dry surface to dry the mature picked chillies. ✓ Put the mature picked chillies on the geotextile sheets/dry surface. ✓ Keep the mature picked chillies in the direct sunlight to remove the moisture of chillies ✓ Check the moisture level and colour of chillies during the drying period. ✓ Separate the unwanted and damaged chillies from the drying field • Pack, transport and store the dried chillies. <ul style="list-style-type: none"> ✓ Select the clean jute bags for the packing of dried chillies. ✓ Filled the jute bags with dried chillies ✓ Check that the jute bags are not overfilled with dried chillies. ✓ Take the filled jute bags of dried chillies on donkey carts/tractor trolleys to reduce the damages during transportation to the store/warehouse. ✓ Inspect the storage site to check its suitability for the storage of the dried chillies. ✓ Tag the chilli lots with storage details after the storage of dried chillies
<p>2. Other requirements</p>	<ul style="list-style-type: none"> • NA
<p>3. Answer any questions your assessor may have during the practical assessment</p>	<p>My answers to questions are correct and demonstrate my understanding of the topics and their application.</p>

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of carryout harvesting and post harvesting management under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Perform the harvesting of mature chillies.	Checked the maturity time of chilli crop.			
	Decided the picking time of chilli crop			
	Picked only the mature chillies from chilli plants.			
	Put the mature picked chillies in the plastic baskets.			
	Transported the picked chilli baskets to the dry centre.			
Apply the procedure to dry the chilli.	Selected the dry surface to dry the mature picked chillies			
	Put the mature picked chillies on the geotextile sheets/dry surface.			
	Kept the mature picked chillies in the direct sunlight to remove the moisture of chillies			
	Checked the moisture level and colour of chillies during the drying period.			
	Separated the unwanted and damaged chillies from the drying field			
Pack, transport and store the dried chillies.	Selected the clean jute bags for the packing of dried chillies.			
	Filled the jute bags with dried chillies			
	Checked that the jute bags are not overfilled with dried chillies.			
	Took the filled jute bags of dried chillies on donkey carts/tractor trolleys to reduce the damages during transportation to the store/warehouse.			
	Inspected the storage site to check its suitability for the storage of the dried chillies.			
	Put tag on the chilli lots with storage details after the storage of dried			
2. Other requirements	NA			

<p>3. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
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4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time/simulated environment.

2. List of tools and equipment required(for five candidates)		
S. No	Items	Quantity
1	Tractor	5
2	Sheets cover for chilli during night at drawing stage	5
3		0

3. List of consumable items required(for five candidates)		
S. No	Items	Quantity
1	Tags	5
2	Bags	5
3		0



ASSESSMENT MATERIAL EVIDENCE GUIDE	<h1>CHILLI PRODUCTION</h1>
Qualification Chilli Production CS Code: Level: 2 Credit: 80 Version: 1	

CONTENTS	<ol style="list-style-type: none">1. Assessment Summary and Record2. Candidate Assessment3. Assessor Judgment Guide4. List of required tools/equipment, material and context of assessment
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ASSESSMENT AND ASSESSOR DETAILS	Competent <input type="checkbox"/>	Not Yet Competent	<input type="checkbox"/>																				
	Assessment <input type="checkbox"/>	Re-Assessment	<input type="checkbox"/>																				
	Assessor's Name _____ Assessor's Code _____																						
	Assessor's Signature _____	Date	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>DD</td><td>MM</td><td>YYYY</td><td colspan="7"></td></tr></table>											DD	MM	YYYY							
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CANDIDATE DETAILS	Candidate's Name	_____																					
		<small>First Name</small> <small>Last Name</small>																					
	Father's Name	_____																					
	Institute Name and District	_____																					
	CNIC/BFORM #	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>																					
Registration Number issued by Assessment Body	_____																						
Gender	Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/>																						
Candidate's Consent	I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.																						
Candidate's Signature	_____																						

ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an <i>Assessment Results Summary Form</i> . Simply post a photocopy of this completed coversheet to NAVTTCC
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NAVTTCC OFFICE ONLY	1. DATE FORM RECEIVED: <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>DD</td><td>MM</td><td>YYYY</td><td colspan="7"></td></tr></table>											DD	MM	YYYY								2. DATE ENTERED INTO DATABASE: <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>DD</td><td>MM</td><td>YYYY</td><td colspan="7"></td></tr></table>											DD	MM	YYYY							
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1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
	WRITTEN	ORAL	PORTFOLIO	OBSERVATION		COMPETENT	NOT YET COMPETENT
NATURE OF ACTIVITY					DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: CHILLI PRODUCTION		
Practical Skill Demonstration				✓	<p>Perform any one task (given by the assessor) from the following tasks.</p> <ul style="list-style-type: none"> Pick the lots for producing seeds from the field of chilli. Extract the chilli seeds from healthier chilli pods and treat with authorized fungicide and insecticide pest then packaged and tag seed. <p>Perform any one task (given by the assessor) from the following tasks.</p> <ul style="list-style-type: none"> Sow the seeds in the nursery and do the transplantation of chilli seeds. Perform the irrigation of chilli crop. <p>Perform any one task (given by the assessor) from the following tasks.</p> <ul style="list-style-type: none"> Determine the soil suitability for growing chillies and apply suitable fertilizers on the basis of soil composition. Apply organic fertilizers and supplementary nutrients. 		
Knowledge Assessment	✓	✓			<ul style="list-style-type: none"> Answer all questions your Assessor may have during the practical assessment. 		
Other Requirements			✓		<ul style="list-style-type: none"> Provide verified evidence pre and post Harvesting and Management tasks. 		

2

CANDIDATE ASSESSMENT

Candidate's Name.....Father's Name

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following tasks within **Five hours** timeframe:

Perform any one task (given by the assessor) from the following tasks.

- Pick the lots for producing seeds from the field of chilli.
- Extract the chilli seeds from healthier chilli pods and treat with authorized fungicide and insecticide pest then packaged and tag seed.

Perform any one task (given by the assessor) from the following tasks.

- Sow the seeds in the nursery and do the transplantation of chilli seeds.
- Perform the irrigation of chilli crop.

Perform any one task (given by the assessor) from the following tasks.

- Determine the soil suitability for growing chillies and apply suitable fertilizers on the basis of soil composition.
- Apply organic fertilizers and supplementary nutrients

ACTIVITIES	CANDIDATE RESPONSE
<p>1. Complete practical task of Chilli Production 2. under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, I will correctly</p> <ul style="list-style-type: none"> • Pick the lots for producing seeds from the field of chilli. <ul style="list-style-type: none"> ✓ Inspect visually the plants of chilli from the field of chilli ✓ Identify the Dandy Cut variety of chilli from the field of chilli ✓ Separate the normal and damaged pods of Dandy Cut from the field of chilli ✓ Select the healthy pods from the normal pods for the chilli nursery • Extract the chilli seeds from healthier chilli pods and treat with fungicide and insecticide pest. <ul style="list-style-type: none"> ✓ Select the field site for extraction of seeds from chilli pods ✓ Clean the field site for the extraction of seeds from the chilli pods. ✓ Perform crushing of chillies with the help of hands/sticks. ✓ Calculate and prepare the mixture of fungicide and insecticide for the seed treatment ✓ Dip the chili seeds in the mixture of fungicide and insecticide for disease protection ✓ Pack the seeds in the paper envelope having small holes for airflow ✓ Store the packed seeds in the airy, dust free and moisture less area. • Sow the seeds in the nursery and do the transplantation. <ul style="list-style-type: none"> ✓ Evaluate the type and texture of the nursery soil for the sowing of chilli seeds. ✓ Check and remove the unwanted weeds before sowing chilli seeds in the land. ✓ Level the whole growing land with laser leveller for the sowing of chilli seeds. ✓ Select the site of nursery within the ✓ Sowing of chilli seeds. ✓ Cover the seed with appropriate material and procedure.as per conditions and requirements. • Check, perform and maintain the irrigation of crop. <ul style="list-style-type: none"> ✓ Select the appropriate irrigation system on the basis of availability, water quality. ✓ Determine the hardness of water for irrigation system. ✓ Manage the irrigation intervals as per crop requirement. ✓ Identify the unsuitable water using appropriate procedures. • Determine the soil suitability for growing chillies and apply suitable fertilizers. <ul style="list-style-type: none"> ✓ Use suitable equipment for soil sampling. ✓ Perform randomized sampling of soil. ✓ Select the reliable laboratory for soil testing ✓ Select appropriate fertilizers for the soil on the basis of soil and crop requirement. ✓ Apply the required dosage of fertilizers using appropriate procedures. • Apply organic fertilizers and supplementary nutrients. <ul style="list-style-type: none"> ✓ Select appropriate organic fertilizers such as cattle manure, cereal and legume stoves and

	<p>wood land litter on the basis of soil and crop requirement, cost and availability.</p> <ul style="list-style-type: none"> ✓ Apply nutrients/minerals for supplementing fertilizers ✓ Use organic fertilizer at proper time
2. Other requirements	<ul style="list-style-type: none"> • Provide verified evidence pre and post Harvesting and Management tasks • Provide verified evidence of weed and pest management activities
3. Answer any questions your assessor may have during the practical assessment	My answers to questions are correct and demonstrate my understanding of the topics and their application.

3

ASSESSOR JUDGEMENT GUIDE

Candidate's Name Father's Name.....

INSTRUCTIONS FOR ASSESSOR

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task of Chilli Production under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:			
Pick the lots for producing seeds from the field of chilli	Inspected visually the plants of chilli from the field of chilli			
	Identified the Dandy Cut variety of chilli from the field of chilli			
	Separated the normal and damaged pods of Dandy Cut from the field of chilli			
	Select the healthy pods from the normal pods for the chilli nursery			
Extract the chilli seeds from healthier chilli pods and treat with fungicide and insecticide pest.	Selected the field site for extraction of seeds from chilli pods.			
	Cleaned the field site for the extraction of seeds from the chilli pods			
	Performed crushing of chillies with the help of hands/sticks			
	Calculated and prepare the mixture of fungicide and insecticide for the seed treatment			
	Dipped the chili seeds in the mixture of fungicide and insecticide for disease protection			
	Packed the seeds in the paper envelope having small holes for airflow			
Sow the seeds in the nursery and do the transplantation	Stored the packed seeds in the airy, dust free and moisture less area.			
	Evaluated the type and texture of the nursery			
	Checked and remove the unwanted weeds before sowing chilli seeds in the land			
	Levelled the whole growing land with laser leveller for the sowing of chilli seeds.			
	Selected the site of nursery within the			
	Sowed of chilli seeds.			
Check, perform and maintain the irrigation of crop.	Covered the seed with appropriate material and procedure.as per conditions and requirements			
	Selected the appropriate irrigation system on the basis of availability, water quality.			
	Determined the hardness of water for irrigation system.			
	Identified the unsuitable water using appropriate procedures.			
	Managed the irrigation intervals as per crop requirement.			

Determine the soil suitability for growing chillies and apply suitable fertilizers	Used suitable equipment for soil sampling.			
	Performed randomized sampling of soil			
	Selected the reliable laboratory for soil testing			
	Applied the required dosage of fertilizers using appropriate procedures.			
Apply organic fertilizers and supplementary nutrients	Selected appropriate organic fertilizers such as cattle manure, cereal and legume stoves and wood land litter on the basis of soil and crop requirement, cost and availability.			
	Applied nutrients/minerals for supplementing fertilizers			
	Used organic fertilizer at proper time			
2. Other requirements	Provided evidence of carryout weed management.			
	Provided evidence of carryout pest management			
	Provided evidence of harvesting and post harvesting management.			

<p>3. Answer any questions the assessor may have during the practical assessment</p>	<p>Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.</p> <p>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach.</p>			
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4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT


INSTRUCTIONS	<p>This section contains information regarding;</p> <ul style="list-style-type: none"> Context of the assessment List of required tools and equipment. List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time/simulated environment.


2. List of tools and equipment required(for five candidates)		
S. No	Items	Quantity
1	Spade	5
2	Water sprinkler	5
3	Photographs of normal and damaged chilli pods.	5
4	khurpee	5
5	Tractor	5
6	nursery	5
7	Photographs of common weeds	5
8	Cultivator	5
9	bags	5
10	nozzles	5
11	sprayer	5
12	Magnify glass	5
13	Tractor	5
14	Sheets cover for chilli during night at drawing stage	5

3. List of consumable items required(for five candidates)		
S. No	Items	Quantity
1	Chilli seeds(5 kg)	5
2	Insecticides and pesticides(as per requirement)	5
3	Chilli seed	5
4	Cultivator	5
5	Laser leveller	5
6	Pesticides	5
7	Fertilizers	5
8	Pesticides and fungicides	5
9	Tags	5
10	Bags	5
		5

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