

Syllabus For TURMERIC AND GINGER CULTIVATOR (RPL)

Course Name	TURMERIC AND GINGER CULTIVATOR (RPL)
Sector	AGRICULTURE
Course Code	AGR/2024/TAGC/299
Level	4 (RPL)
Occupation	TURMERIC AND GINGER CULTIVATOR
Terminal Competency	<p>After completion of this training the participant will be able to:</p> <p>a) Demonstrate the cultivation of turmeric and ginger farming.</p> <p>b) Demonstrate disease management.</p> <p>Explain processing and storage methods.</p>
Course Duration	Total Duration 45Hrs (OJT)
Trainees' Entry Qualification	Minimum 10th Standard Pass with 5 years experience in the relevant field
Trainers Qualification	<p>a) Minimum BSc Horticulture graduate with three years experience in the field.</p> <p>OR</p> <p>b) Minimum BSc Agriculture graduate with four years experience in the field.</p>

SYLLABUS:

Sl. No	Knowledge Criteria	Performance Criteria	Total Duration(Hrs)
Day 1	<p>Introduction : <i>Introduction to Turmeric cultivation</i> <i>Introduction to ginger cultivation</i> <i>New frontiers: hydroponic ginger and turmeric production</i> Application and health benefits of ginger and turmeric <i>Nutritional value</i> <i>Medicinal applications</i></p>	Visit to a turmeric and ginger farm	6
Day 2	<p>Cultivation <i>Climate and soil</i> <i>Varieties</i> <i>Planting season</i> <i>Manures and fertilizers</i></p>	Planning and layout techniques of turmeric and ginger.	6

Sl. No	Knowledge Criteria	Performance Criteria	Total Duration(Hrs)
	<i>Mulching Crop Nutrition</i>		
Day 3	Production technology <i>Seed size Seed rate Seed treatment Spacing Depth of planting Crop rotation Storage of seed rhizomes Alternate method of production</i>	Intercultural operations in turmeric and ginger fields	7
Day 4	Care, pests and disease control of turmeric and ginger.	Demonstration of pest and disease control measures.	7
Day 5	Harvesting and storage techniques. Yield	Harvesting procedures of turmeric and ginger	6
Day 6	Cost and profit analysis of ginger and turmeric cultivation (from 1 hectare of land)	Interaction with ginger and turmeric farmer on actual profit and costing.	6
Day 7	Storage and Processing	Visit to a ginger and turmeric storage unit.	7
TOTAL			45

INFRASTRUCTURE

2.Tools, Equipment & General Machinery	(As per Annexure I)
--	---------------------

Annexure I

1. Turmeric and ginger farm.
2. A turmeric and ginger processing unit.
3. Whiteboard, marker for board work.