CANOPY MANAGEMENT OF FRUIT CROPS

HFS-506, 2 (1+1)

PRACTICAL MANUAL



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Course: Canopy Management of Fruit Crops, HFS-506, 2 (1+1)

Practical: Study of different types of canopies. Training of plants for different canopy types. Canopy development through pruning. Understanding bearing behaviour and canopy management in different fruits. Use of plant growth regulators. Geometry of planting. Development of effective canopy with support system. Study on effect of different canopy types on production and quality of fruits.

Name of Students:	
Roll No	Batch
Session	Semester
Course Name	
Course No:	Credit:
Certific	cate
This is to certify that Shri./Km	
ID No:	has completed the practical of
courses	courses No
as per the s	syllabus of M. Sc (Horticulture) Fruit
Science	semester in
yearin the	he respective lab/field of college.
Date:	Course Teacher

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S. No	Title of Exercise	Signature
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2.	To study the different types of canopy	
2.	structures: vines	
3.	To study the different types of canopy	
	structures: dwarf trees	
4.	To study the canopy management of Mango	
5.	To study the canopy management of HDP	
<i>J</i> .	orchard	
6.	To study the canopy management of Grapevine	
7.	To study the canopy development and	
, .	management of Pomegranate	
8.	To study the canopy development and	
	management of Fig	
9.	To study the canopy development and	
	management of Dragon fruit	
10.	To study the canopy management of Ber	
11.	To study the canopy development and	
11.	management of Apple	
12.	To study the canopy management through	
12.	plant growth inhibitors	
13.	To Study the canopy position and fruit quality	
14.	To study the rejuvenation techniques in fruit	
14.	crops	
15.	To study the top working	

Objective: To study the different types of canopy structures: Tree crops Materials required:
Open Centre System:
Procedure:

Modified Leader System:
Procedure:

Assignment:

Objective: To study the different types of canopy structures: vines Materials required:
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Bower system
Procedure:

'Y' trellis system
Procedure:

Objective: To study the different types of canopy structures: dwarf trees Materials required:
Tatura trellis
Procedure:

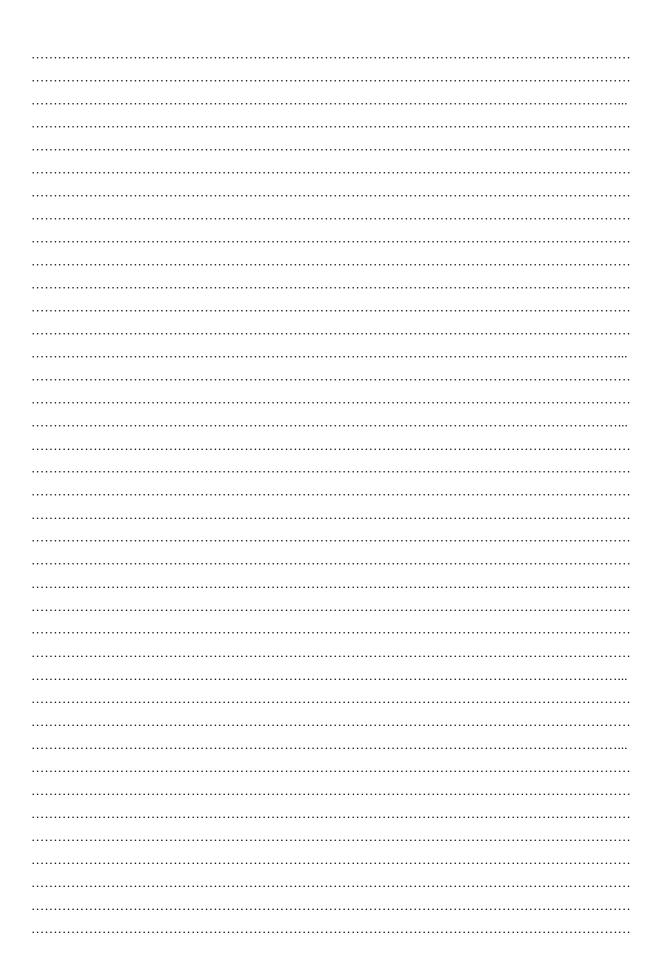
Slender Spindle system
Procedure:
Troccuure.

Espalier system
Procedure:

Objective: To study the canopy management of Mango Materials required:
Procedure of young tree:

Procedure of Bearing tree:

Objective: To study the canopy management of HDP orchard Materials required:	
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Procedure:	٠.
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Objective: To study the canopy management of Grapevine Materials required:
Procedure of canopy management in old vineyards:

Procedure of canopy management in new vineyards:
Assignment:

Objective: To study the canopy development and management	t of
Pomegranate	
Materials required:	
Procedure of canopy development of young plant:	
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Procedure of canopy management of old plant:
Assignment:

Objective: To study the canopy development and management of Fig Materials required:
Procedure of canopy management:
Observations:
Assignment:

Objective: To study the canopy development and management of Dragon fruit
Materials required:
Procedure of canopy management:
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Assignment:

Objective: To study the canopy management of Ber Materials required:
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Procedure of canopy management:
Assignment:

Objective: To study the canopy development and management of Apple Materials required:
Training system:

Procedure of canopy management:
Assignment:

Objective: To inhibitors	study	the	canopy	managem	ent thro	ough pl	ant g	rowth
Materials requir	ed:							
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List of growth in	hibitors:							
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Procedure of app	olication:							
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Observations:								
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Objective: To Study the canopy position and fruit quality Materials required:
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Harvesting of fruit in different position of tree canopy:
Fruit physio – chemical analysis:

Objective: To study the rejuvenation techniques in fruit crops Materials required:
Need for rejuvenation:
Objectives of rejuvenation:
Ducardana of maintenations
Procedure of rejuvenation:

Management after rejuvenation:	
Management after rejuvenation:	
Management after rejuvenation:	
Precaution:	
Precaution:	

Objective: To study the top working
Why top working:
Materials required:
Sequential step for top working: