

# CITRUS PROJECT RECORD III FOR THIRD YEAR PROJECT YEAR \_\_\_\_\_



**Name:** \_\_\_\_\_

**Mailing address:** \_\_\_\_\_

**Age:** \_\_\_\_\_ **Year in 4-H work:** \_\_\_\_\_

**Name of local club:** \_\_\_\_\_

**Local leader:** \_\_\_\_\_

**County Agent:** \_\_\_\_\_

Florida Cooperative Extension Service  
Institute of Food and Agricultural Sciences  
University of Florida, Gainesville



## FLORIDA 4-H CITRUS PROJECT III

### GROWING THE BUDDED TREE

#### A. Growing the Budded Tree -

When the new bud (shoot) growth reaches 2-4 inches, the top of the rootstock should be cut off or lopped evenly above the bud. Place a stake by the bud for protection and support. When the shoot reaches 6 inches in height, tie it to the stake for support. Tie it again every 6 inches. When the new shoot reaches 20 to 36 inches, it should be topped to stimulate lateral growth and form the scaffold limbs.

#### B. Care of the Young Tree -

1. Cultivation - The tree should be kept free of weeds.
2. Water - 1-2 inches of water should be applied every week by rainfall or irrigation. In hot weather more frequent applications may be necessary. Don't let the young tree wilt for lack of water.
3. Fertilizer - Apply  $\frac{1}{4}$  pound of 6-6-6-4-.5- (N-P-K-MgO-CuO) to each tree every six weeks. (In areas subject to freezing temperatures, fertilization should be suspended from October 1st to February 1st.)
4. Spraying - Sprays should be applied when required for insect and disease control.

#### C. Selling the Trees -

Before selling trees, contact your Division of Plant Industry inspector. (If you plant the trees on your own land, certification is not required.)

The trees should be grown until they reach about 1 inch in diameter before they are sold. The trees could be sold before this, however, they should not be transplanted from the can until the tree is well established. On the other hand, trees should not be left in containers until they become root bound.

### SUGGESTED DEMONSTRATION AND DISPLAY IDEAS

#### FOR YOUR CITRUS PROJECT III

1. Transplanting large plants
2. Fertilization techniques
3. Insect population counts
4. Insect identification
5. Disease identification
6. Taking a soil sample
7. Preparing a grove map
8. Soil testing
9. Fruit maturity
10. Grades of fruit





**GROVE MAP**

4. Draw a detailed picture of the leaf of each of the following varieties of citrus. (Label pertinent parts to show differences in varieties.)

A. Sweet orange

B. Tangerine

C. Grapefruit

D. Lemon

E. Sour orange

F. Trifoliata

5. Complete the table below with the necessary information.

	Number of seeds	External color	Internal color	Ripening season	Principal Use
<b>HAMLIN</b>					
<b>PARSON BROWN</b>					
<b>NAVEL</b>					
<b>VALENCIA</b>					
<b>PINEAPPLE</b>					
<b>DUNCAN</b>					
<b>THOMPSON</b>					
<b>DANCY</b>					
<b>TEMPLE</b>					
<b>MARSH</b>					



**RECORDS**  
**CITRUS PROJECT III**

**A. Record the following information:**

**1. Number of liners produced (list each variety)**  
**(ex. 16 rough lemon, 22 sour orange)**

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**2. Number of trees budded (list each variety)**  
**(ex. 6 Valencia/R. lemon 10/Marsh/S.O.)**

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**3. How many buds lived - (by stock and scion)**

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**4. Number of saleable trees produced**  
**(by variety)**

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**D. Keep a complete record of labor costs:**

DATE	LABOR PERFORMED (WEEDING, WATERING, ETC.)	COST
		<p style="text-align: right;"><b>TOTAL</b> _____</p>

**E. Summary of costs**

Cost of budded trees (from Year II)

\_\_\_\_\_

Cost of fertilizer this year

\_\_\_\_\_

Cost of pest control this year

\_\_\_\_\_

Cost of labor this year

\_\_\_\_\_

**TOTAL**

\_\_\_\_\_

Number of saleable trees produced

\_\_\_\_\_

Cost per tree

\_\_\_\_\_

Market value of trees

\_\_\_\_\_

Net profit or loss

\_\_\_\_\_

**ACTIVITY RECORD**

**CITRUS PROJECT III**

List all talks, displays, demonstrations that you have made regarding your citrus project.

DATE	AUDIENCE	NUMBER PEOPLE	SUBJECT	ACTIVITY TYPE





