

FLORIDA STRAWBERRY FESTIVAL®

YOUTH PLANT SHOW AND SALE FFA/4-H RECORD BOOK



2021 Grand Champion

Exhibitor:_____

Chapter/Club:_____

**HILLSBOROUGH COUNTY
ORNAMENTAL PLANT PRODUCTION**

**FFA/4-H
PROJECT RECORD**

FOR

2021-2022

Name _____

Name of FFA Chapter/4-H Club _____

Parents' or Guardians' Name _____

Mailing Address _____

Age _____ Grade in School _____ Birth Date _____

Number of Years in This Project _____ Number of years in FFA/4-H _____

Name of FFA Advisor _____

Name of 4-H Leader _____

This is a true record of my FFA/4-H project.

Member's Signature: _____

Approval

Parents or Guardian _____ Date _____

FFA/4-H Leader _____ Date _____

ORNAMENTAL PLANT PRODUCTION FFA/4-H PROJECT

Introduction:

The Ornamental Plant Production FFA/4-H project in Hillsborough County is designed to encourage the production of high quality ornamental plant material and to reward junior growers for their efforts.

Participants in the project must be age 8 - 18. Individuals under age 8 are encouraged to experience the satisfaction of ornamental plant production, but may not participate in any of the county activities. The member may secure and maintain any quantity of ornamental plants desired.

The member will learn ornamental plant identification, selecting quality ornamentals, and maintenance of ornamental plants in a production environment.

A highlight of the project is the Annual Youth Plant Show and Sale held in conjunction with the Florida Strawberry Festival. Members will exhibit and sell plants at public auction.

Minimum Project Requirements:

1. Secure woody ornamental and/or foliage plants no later than November 1, 2020.
2. Secure or start liners no later than January 1, 2021.
3. Following are quantities of plants necessary for participation in the Plant Show and Sale.
 - Woody Ornamentals - Liners (2 flats)
 - Woody Ornamentals - 1 or 2 gal (10-15 plants)
 - Woody Ornamentals - 3 or 5 gal (7-10 plants)
 - Woody Ornamentals - 7 gal (3-10 plants)
 - Woody Ornamentals - 10 gal max size (3-5 plants)
 - Foliage Plants - Liners (2 flats)
 - Foliage Plants - Container (3-5 plants)
 - Hanging Baskets/Planters (3-5 planters or baskets)
 - Dish Gardens (2-5)
 - Terrariums (2-5)
 - Orchids (5-10)
 - Staghorn Ferns (2-5)
 - Flowering House Plants (5-10)
 - Driftwood or Natural Planters (2-5)
 - Bromeliads (5-10)

Cactus (5-10)
Topiary (2-5)
Orchid, Bromeliad, House Plant, Cactus Liners (2-3 flats)
Water Gardens (2-3)
Annual or Perennial Bedding Plants (2 flats)
Vegetable Plants (2 flats)
Other Miscellaneous Plants (2-10 plants depending upon class number.
Please refer to the Youth Plant Show and Sale Rules and Regulations)

4. Maintain ornamental plants at home, in the school nursery, or other commercial production nursery.
5. Attend one of the ornamental plant production project meetings held.
6. Participate in the Youth Ornamental Plant Show and Sale held in conjunction with the Florida Strawberry Festival.
7. Keep accurate project records and submit completed project records at the Plant Show and Sale and if in FFA, to the Advisor at the end of the year.

Why Keep Records?

- *To have an account of all your 4-H/FFA accomplishments in one place.
- *Records point out the advantages and disadvantages of projects.
- *They reflect your interest as a 4-H/FFA member.
- *Records show self-improvement and service to others.
- *To show others what you have accomplished.
- *To gain valuable record keeping experience.

Helpful Tips for Record Keeping:

- *Read the whole record book thoroughly now.
- *Tie a pencil to your record book.
- *Make sure the record book remains in good condition.

*Keep your records up-to-date.

*If you need more pages, make them yourself and fasten them in the book.

Record Book Contest:

Participants in the Youth Ornamental Plant Show and Sale must submit their record book to be judged. The record book must be submitted on March 3, 2021 at the time plants are entered for the Plant Show and Sale.

Record Book Contest Scorecard: Please see grading rubric in back of book

I. Cover Page (5 points)

II. Objectives & Goals (5 points)

- State the reason you are doing this project
- What do you hope to learn from this project

III. Maintenance Record (10 points)

- Complete, accurate, neat, variety of tasks performed
- Record only for plants in inventory at beginning of year

IV. Assets/Expenses (20 points)

- Complete, accurate, neat listing of assets and expenses
- Columns totaled for each year
- Assets/expense sheets required for all years involved in the FFA/4-H Ornamental Plant Production Project

V. Income (10 points)

- Complete, accurate, neat listing of expected income, total costs and profit or loss.

VI. Project Story (10 points)

- Well written, neat, and interesting
- Describes activities for current year

VII. Photos/Captions (15 points)

- Minimum of 5 and a maximum of 8 pictures of current year photos showing the beginning and end of the members FFA/4-H Ornamental Plant Production participation. Captions should be included.

VIII. Buyer Letter (15 points)

- A copy of one sales and marketing letter to a potential buyer.

IX. Receipt of Purchase (5 points)

- Either a copy of the receipts that you have for the purchase of your plants before the deadline dates, a signed letter from your 4-H or FFA advisor stating what plants you have and the date inspected prior to the cutoff date, or a picture with a time/date stamp before the cutoff date.

X. Florida Friendly Landscaping Principles (5 points)

- Complete the page for one of your plant projects.

Supplemental- Newspaper Clippings & Congratulatory Messages (0 points)

- A maximum of 3 pages of supplemental information may be provided and can include but is not limited to newspaper clippings and congratulatory letters. No points will be given for supplemental information.

Record Book - Directions for Completion:

A complete new record book must be completed each year the member is enrolled in the Ornamental Plant Production project.

Objectives/Skills Learned: Complete this page each year for the current projects.

Maintenance Record: Document all tasks related to growing the plants for your project. If a group of plants are kept in the production inventory for several years the maintenance record page should reflect that and be updated with tasks from each year.

Assets/Expenses: Document all assets and expenses used to grow your plants. If you grow using school assets use simulated amounts to complete this section.

Income/Profit/Loss: All plant lots should be included in this section to have a total amount. Average profit or loss will be an estimate for the average plant in all lots.

Other - Record book should be submitted in folder provided. Do not add scrapbook materials such as: ribbons, decals/stickers, buttons, programs, etc.

ORNAMENTAL PLANT PRODUCTION PROJECT

My objectives or goals for completing this project. (Explain what you want to accomplish or learn this year.)

Knowledge I gained or goals I achieved by completing this project.

Maintenance Record

Directions: Choose 1 plant from your project to complete the maintenance records on (potting, fertilizing, watering, weeding, pruning, sending out buyer letters, etc.)

Common Name: _____

Botanical Name: _____

Date Obtained: _____

Container Size: _____ **Quantity:** _____ **Purchase Cost:** _____

DATE	MAINTENANCE ACTIVITY

Maintenance Record Continued:

[illegible]

Ornamental Plant Production

FFA/4-H Project

Assets

Assets for this project are items needed to grow plants but will not be sold with plants, (e.g. greenhouses, groundcover, irrigation clocks, shovels, hoses, clippers, etc.) Assets wear out over time and need to be replaced. This is the depreciation cost (the amount used this year to grow the plants). To simplify, we will assume assets will be replaced every 10 years (10% depreciation). Use the back of the page for additional space.

List all assets on hand at the start of the project.

Items (Col. 1)	Purchase Date (Col. 2)	Purchase Cost (Col. 3)	10% depreciation (Col. 4) (Value x 0.10) = (Col. 3 x 0.10)	Ending Asset Value (Col. 5) (Multiply number of years in use by Col. 4 and subtract from Col. 3) If ten or more years old write \$0.00
<i>Example-Hoses two years old</i>	<i>2018</i>	<i>25.00</i>	<i>(\$25 x 0.10) \$2.50</i>	<i>2 x \$2.50 = \$5.00 \$25.00-\$5.00 = \$20.00</i>
<i>Example-Shovel new</i>	<i>2020</i>	<i>20.00</i>	<i>(\$20 x .10) \$2.00</i>	<i>1 x \$2.00=\$2.00 \$20.00 - \$2.00 = \$18.00</i>
Total Column 4 and 5			\$	\$

Ornamental Plant Production
FFA/4-H Project
Expenses (Plants and Supplies)

Expenses for this project are plants and items needed to grow plants that will be sold with plants (e.g. pots, starter plants, soil, fertilizer, stakes, trays, etc.) Use the back of the page for additional space.

List all supplies on hand at the start of the project.

Items (Col. 1)	Total Value \$ (Col. 2)	Percent used for project (1-100%) (Col. 3)	Total value used \$ (Col. 4) (Col. 2 x Col. 3)	Total value remaining \$ (Col. 5) (Col. 3 - Col. 4)
<i>Example – potting soil</i>	\$30.00	66%	<i>(\$30.00 x .66)</i> \$19.80	<i>(\$30.00 – 19.80)</i> \$10.20
Total all expenses in column 4 and 5			\$	\$

Ornamental Plant Production FFA/4-H Project

Income

Income from this project is the amount of money you believe that you will make by selling your plants in the live and/or silent auction, plus any add-on amounts that you expect to make. **To simplify use only one lot** when calculating amounts.

Expected Income

1. Number of plants (or liner trays, dish gardens, flats) to be sold _____
2. Expected retail price per plant \$_____ (What you think plants will sell for)
3. Total expected income from plant sales \$_____ (Multiply line 1 x line 2)
4. Total amount of add-ons expected \$_____
5. Total amount of income expected \$_____ (Add line 3 plus line 4)

Total Costs

6. Total assets used \$_____ (Total from bottom of page 9)
7. Total expenses used \$_____ (Total from bottom of page 10)
8. Total plant project costs \$_____ (Add line 6 plus line 7)
9. Cost per plant \$_____ (Divide line 8 by line 1)
This is the break-even price for your plants to be sold!

Profit or Loss

10. Total amount of expected income \$_____ (Value from line 5)
11. Total costs to grow plants \$_____ (Value from line 8)
12. Profit or (-) Loss \$_____ (Subtract Line 11 from line 10)

**ORNAMENTAL PLANT PRODUCTION
FFA/4-H PROJECT**

YOUR STORY

Answer the following questions in complete sentences.

What have you learned? (List 3)

Why did you choose your plants?

What safety practices did you use (list 5)?

Name 3 common pests and one control method for each.

ORNAMENTAL PLANT PRODUCTION PROJECT PHOTOS

Show the beginning and end of your project along with two different skills that you have learned. This should include a **minimum of 5 pictures and a maximum of 8 pictures**. Include a caption with each photo. The captions should tell a story. The pictures and captions should complement your project story. Explain what you are doing in the picture. What skills are you demonstrating and why? Spelling and grammar are included in the judges' scores.

ORNAMENTAL PLANT PRODUCTION PROJECT PHOTOS CONTINUED

ORNAMENTAL PLANT PRODUCTION PROJECT PHOTOS CONTINUED

Buyer Letter and Addresses: Attach one copy of your buyer letter and at least 5 names and addresses that you sent the buyer letters to.

Receipt of Purchase: Attach the original receipt (or a copy of the receipt) documenting the purchase of your plants. This could also be a signed statement from an FFA/4-H advisor stating that the plants were inspected or seen by them before the deadlines, or a photo with a time/date stamp with a date prior to the deadlines for the plant project.

Florida Strawberry Festival
Plant Show & Sale Record Book

Cover Page:	5 pts	
Objectives & Goals	5	
Maintenance Record	10	
Project Assets	10	
Project Expenses	10	
Project Income	10	
Project Story	10	
Photographs and captions	15	
Buyer letter and addresses	15	
Receipt of Purchase	5	
Florida Friendly Landscaping Principles	5	
Total Points	100 pts	

Growing with Florida Friendly Landscaping Principles

Plant common name: Variegated Pittosporum Scientific name: Pittosporum tobira 'Variegata'

Student: Smiley Cyrus Teacher: Important Person School/ Club: Skilled Growers

Right Plant Right Place	What is the right place for this plant?
	USDA Hardiness Zone: 8-11
	Height: 8 to 12 feet
	Spread: 12 to 18 feet
	Growth rate: Moderate
	Light Requirement: Plant grows in part shade/ part sun
Water Efficiently	General Use: Screen; hedge; border; mass planting; container or above;-ground planter; trained as a standard
	How should this plant be watered in the landscape?
	Drought tolerance: High
	During establishment: (3 gallon size) 1 quart for 3-6 months; if warm season, daily for first few weeks, then every other day, then every third day until established; less if cool
Fertilize Appropriately	After establishment: As needed, drought tolerant do not overwater see diseases and other information sections
	How should this plant be fertilized?
	During establishment: If desired, slow release on root ball or mulch
Attract Wildlife	After establishment: Varies with maintenance level; Basic 0-2 lbs N/ 1000 ft ² ; moderate 2-4 lbs; high 4-6 lbs; see pH info in pests section
	Does this plant flower or fruit?
	Flower: White; spring flowering; pleasant fragrance
	Fruit: Irregular; less than .5 inch; dry hard cover; red; inconspicuous and not showy
Manage Yard Pests Responsibly	Edible?: No
	Other:
	What are some common pests with this plant?
	Insects: Cottony cushion scale and aphids
Other Information	Diseases: Leaf spot and root rot diseases, avoid planting in areas where water accumulates
	Other: Micronutrient deficiencies become obvious on soils with a high pH
	What else should I know?
Sources	Can be maintained at any desired height by selective hand pruning. Highly salt-tolerant growing right up onto the sand dunes along the ocean. Grows well on a variety of soils in full sun to partial shade. Growth rate is rapid on well-drained, acid soil of average fertility. Can tolerate occasional drought. Does not tolerate poorly drained or wet soil since root rot quickly infects and kills the root system.
	Where is this information from?
	Pittosporum tobira 'Variegata' by Edward Gilman FPS-484 available online at http://hort.ifas.ufl.edu/shrubs/PITTOBB.PDF Fertilization and Irrigation Needs for Florida Lawns and Landscapes ENH 860 by L.E. Trenholm, E.F. Gilman, G.W. Knox, and R.J. Black Available online at http://prohort.ifas.ufl.edu/files/pdf/publications/FertIrrg4Landscapes.pdf

Growing with Florida Friendly Landscaping Principles

Plant common name _____

Scientific name _____

Student _____

Teacher _____

School/ Club _____

Right Plant Right Place

What is the right place for this plant?

USDA Hardiness Zone _____

Height _____

Spread _____

Growth rate _____

Light Requirement _____

General Use _____

Water Efficiently

How should this plant be watered in the landscape?

Drought tolerance _____

During establishment _____

After establishment _____

Fertilize Appropriately

How should this plant be fertilized?

During establishment _____

After establishment _____

Attract Wildlife

Does this plant flower or fruit?

Flower _____

Fruit _____

Edible? _____

Other _____

Manage Yard Pests Responsibly

What are some common pests with this plant?

Insects _____

Diseases _____

Other _____

Other Information

What else should I know?

Sources

Where is this information from?

The Florida Friendly Plant Sheets

The preceding Florida Friendly plant sheets are designed to help the student better understand the plants he or she is growing. Have the student fill at least one out for one of the plants they are growing. The second sheet is a completely filled out sheet as an example to the student. The Florida Friendly Plant Sheet is a concise reference sheet for both the student and potential buyers at the plant show and auction. It is organized based upon Florida Friendly principles whereby the right plant in the right place is one of the most crucial decisions that will affect plant health and longevity. Simply fill out the information that is requested by visiting plant information websites. You may not be able to find some information and it is acceptable to put "N/A" as a response. These sheets are merely a helpful tool in answering buyer questions at the plant show and introducing Florida Friendly landscaping principles to both students and buyers alike.

Here are some useful links for plant information.

UF electronic document information service
www.edis.ifas.ufl.edu

Florida Friendly Landscaping Site
<http://floridayards.org/fyplants/index.php>

Floridata
www.floridata.com

Auburn University plant files
<http://www.ag.auburn.edu/hort/landscape/dbpages/botanicalindex.html>

USDA plant files
<http://plants.usda.gov>

Youth Plant Show and Sale Evaluation Form

We need your help in providing feedback on the project you just completed.
For each statement think carefully about your knowledge and skills with gardening before and after participating in the Youth Plant Show.
Then rate your level of skill for items 1-16 both before and after as 1 = poor, 2 = fair, 3 = good, 4 = excellent.

	BEFORE I participated in the Plant Project				AFTER participating in the Plant Project			
My Ability To:	Circle one number for each statement				Circle one number for each statement			
	Poor	Fair	Good	Excellent	Poor	Fair	Good	Excellent
1. set goals for myself to achieve....	1	2	3	4	1	2	3	4
2. complete my obligations for finishing what I start....	1	2	3	4	1	2	3	4
3. speak in front of others....	1	2	3	4	1	2	3	4
4. be more organized....	1	2	3	4	1	2	3	4
5. record information accurately....	1	2	3	4	1	2	3	4
6. make decisions....	1	2	3	4	1	2	3	4
7. be more responsible....	1	2	3	4	1	2	3	4
8. learned about Florida Friendly Landscape Principles...	1	2	3	4	1	2	3	4
9. track my project expenses ...	1	2	3	4	1	2	3	4
10. give plants right amount of water for type of plant....	1	2	3	4	1	2	3	4
11. identify different types of plants....	1	2	3	4	1	2	3	4
12. remove weeds correctly....	1	2	3	4	1	2	3	4
13. trim plants correctly....	1	2	3	4	1	2	3	4
14. repot plants correctly....	1	2	3	4	1	2	3	4
15. confidently grow plants to earn money....	1	2	3	4	1	2	3	4
16. safely apply pesticides....	1	2	3	4	1	2	3	4

This instrument was revised from a tool developed by Texas Cooperative Extension 4-H Youth Development. Substantially revised and adapted for Florida by Lisa A. Guion, Ed.D. Department of Family, Youth and Community Sciences, IFAS, Florida Cooperative Extension, University of Florida. Special thanks to Dr. Howard Ladewig for his review and feedback.