2023 - 2024 Record Book

_____   _____

Exhibitor Name   FFA Chapter/4-H Club

_____

Exhibitor Address

_____   _____   _____

Date of Birth   Age   Grade

_____   _____

Date Project Started   Date Project Ended

36722 CR 52
Dade City, FL 33525

Email: plants@pascocountyfair.com   Website: www.pascocountyfair.com

THE PURPOSE OF THE PLANT PRODUCTION PROJECT IS.......
1. To acquire an understanding of plant production by preparing for, purchasing, caring for, and keeping records on one or more plants;
2. To be able to identify the types and grades of plants and employ efficient methods of marketing;
3. To understand the business aspects and economics of plant production and the horticulture industry;
4. To properly grow and display plants;
5. To develop integrity, sportsmanship, and cooperation; and
6. To develop leadership abilities, build character, and assume citizenship responsibilities.

YOUTH PLANT SHOW PROJECT AGREEMENT

My Responsibility

I hereby certify that as the exhibitor of this project, I have personally been responsible for the production of these plants, have personally kept records on this project and have personally completed this record book. I understand that I am responsible for knowing all of the Rules and Regulations for this show.

I ACCEPT THESE RESPONSIBILITIES:

_____   _____
Date   Exhibitor Signature

Parent / Guardian Responsibility

I/We, the parents certify that our son/daughter has completed this project and completed this record book and will comply with all of the Rules and Regulations of this show.

_____   _____
Date   Parent or Guardian Signature

Advisor / Leader Responsibility

This student is an active member of the _____
FFA Chapter / 4-H Club, and is eligible to exhibit plants at the Pasco County Fair. I verify that this record book has been completed by the student, and is an accurate representation of the project.

_____   _____
Date   FFA Advisor / 4-H Leader Signature

GARDEN CENTER DISPLAY INFORMATION

Knowledge of the plants you grow is important in growing high quality plants efficiently and in helping your customers select the best plants for their use. This section will provide the information you need to grow and sell your plants.

You will be asked these questions for each of your plant entries by the judges for Garden Center Display (see page 18).

Reference books for this project:

> Betrock's Reference Guide to Florida Landscape Plants by Timothy Broschat and Alan Meerow
> Betrock's Guide to Landscape Palms by Alan Meerow
> Betrock's Florida Plant Guide by Edward Gilman
> Florida Landscape Plants by John Watkins and Thomas Sheehan
> Native Florida Plants by Robert Haehle and Joan Brookwell
> Florida Certified Horticulture Professional Manual by Florida Nurserymen and Growers Association

Reference websites for this project:

> Florida Cooperative Extension Service at *http://edis.ifas.ufl.edu*
> All About Lawns at *http://turf.ufl.edu*
> Featured Creatures at *http://entnemdept.ufl.edu/creatures*
> Florida Yards & Neighborhoods at *http://fyn.ifas.ufl.edu*
> Master Gardeners at *http://gardeningsolutions.ifas.ufl.edu/mastergardener*
> Florida Exotic Plant Pest Council at *www.fleppc.org*
> Florida Nurserymen and Growers at *www.fngla.org*
> National Gardening Association at *www.garden.org*
> Garden Web at *www.gardenweb.com*
> Atlas of Florida Vascular Plants at *www.plantatlas.usf.edu*
> Southwest Florida Water Management District at *www.swfwmd.state.fl.us*
> Native Florida at *www.nsis.org*
> Plant Search at *www.plantsearch.com*
> Pasco County Landscape & Tree ordinances at *www.pascocountyfl.net*
> Florida Exotic Plant Council Invasive Plants at *www.fleppc.org/list/list.htm*

For each entry (or species of plant in dish or water gardens) make copies and fill out the following form

Plant Care Information
Plant common name:_____
Scientific Name:_____

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 Pest Responsibly	**What are some common pests with this plant?**
	Insects:
	Diseases:
	Other:
Other Information	**What other information should I know?**

Example on how to fill out

Plant Care Information
Plant common name: Variegated Pittosporum_____
Scientific Name: Pottosporum tobira 'Variegata_____

Right Plant Right Place	**What is the right place for this plant?**
	USDA Hardiness Zone: 8-11
	Height: 8- 12 feet
	Spread: 12-18 feet
	Growth rate: Moderate
	Light Requirement: Plant grows in part shade/ part sun
	General Use: Screen; hedge; mass plant; container or above ground; ground planter; train as a standard
Water Efficiently	**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
	After establishment: As needed, drought tolerant do not over water
Fertilize Appropriately	**How should this plant be fertilized?**
	During establishment: If desired, slow release on root ball or mulch
	After establishment: Varies with maintenance level; Basic 0-2lbs N/1000 ft^2; moderate 2-4 lbs; high 4-6 lbs; see pest section other
Attract Wildlife	**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 Edible? No
	Other:
Manage Yard Pest Responsibly	**What are some common pests with this plant?**
	Insects: Cottony cushion scale & aphids
	Diseases: Leaf spot and root rot diseases, avoid planting in areas where water accumulates
	Other: Micronutrient deficiencies become obvious on soil with a high pH
Other Information	**What other information should I know?**
	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.

GOALS & OBJECTIVES

List and explain what your goals or objectives for this project this year. You must list at least 3 goals or objectives.

1. _____

    _____

    _____

2. _____

    _____

    _____

3. _____

    _____

    _____

Knowledge I have gained or goals I have achieved during this project. Must list at least 3.

1. _____

    _____

    _____

2. _____

    _____

    _____

3. _____

    _____

    _____

PROJECT INVENTORY

Beginning Inventory – Date Started: _____

Ending Inventory – Date Completed: _____

The opening inventory is any equipment you had at the <u>beginning</u> of this project. This would include such equipment as water hoses, nursery carts, or pruning shears. If you had a project last year, then use your previous years closing inventory for this project's opening inventory.

Beginning Inventory		
Date	Equipment, Supplies and Plant Materials	Value
	Total Value of Beginning Inventory	$

Record all of the equipment, supplies and plant materials you have on hand at the <u>end</u> of the project. This would include such equipment as water hoses, nursery carts, or pruning shears. Depreciate the equipment by 10% of the original or previous value to get the final value.

Ending Inventory			
Description of Item	Previous Value	-10%	= Final Value
	$	$	$
Total Value of Ending Inventory	*****************	********	$

PRODUCTION COST RECORD

Include everything you buy or rent for your project on this page (but do not include items from the opening inventory). You can include any items for your project that are gifts, but be sure to estimate the value.

You should include: FFA or 4-H dues, cost of plants, potting media, containers, fertilizers, pesticides, cost of building supplies used in growing area or a rental fee for the growing area, travel expenses, postage, stationary, film, ink pens, record book folder, sheet protectors, etc. Remember to include equipment listed in expenses on your closing inventory.

PRODUCTION COSTS				
Date	Description of Item	Quantity	Price Per Unit	Total Cost
			$	$
	TOTAL EXPENSES	***********	*************	$

ESTIMATED RECEIPTS

Use the <u>wholesale</u> price of the plants that are alive and in good condition for the show at the end of your project to estimate receipts.

This information can be found in plant locators and on the internet.

	ESTIMATED RECEIPTS				
Date	Description of Item	Container Size	Qty	Price per Unit	Value
				$	$
	Total Estimated Receipts	**********	****	**********	$

FINANCIAL SUMMARY

RECEIPTS
A. Total Value of Ending Inventory (page 7) $_____
B. Total Value of Estimated Receipts (page 9) $_____
C. Total Receipts (line A + line B) $_____

EXPENSES
D. Total Value of Beginning Inventory (page 7) $_____
E. Total Expenses (page 8) $_____
F. Grand Total of Expenses (line D + line E) $_____

NET PROFIT OR LOSS (line C - line F)
 If line C is greater than line F,   Profit $_____
OR if line F is greater than line C,   Loss $_____

PRODUCTION COSTS PER PLANT. Production cost per plant $_____
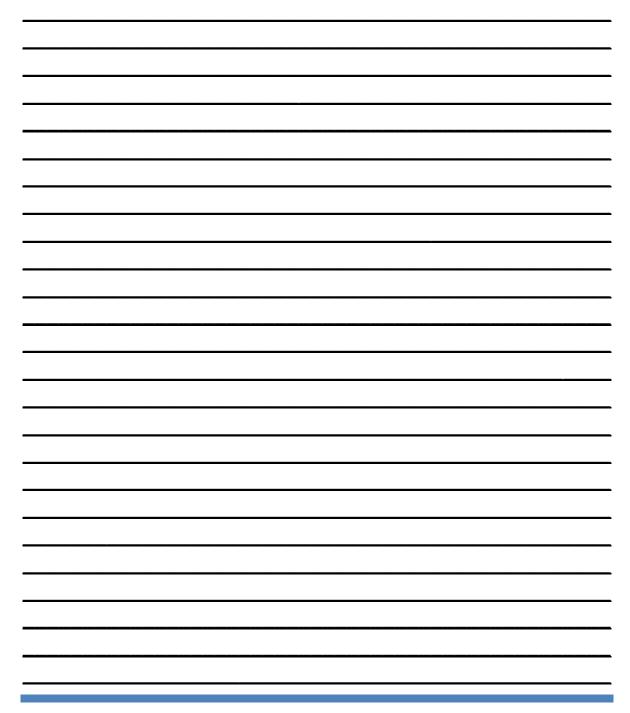(Line F / total number of plants at end of project)

In future projects, what would you do to decrease your production cost per plant?

MANAGEMENT RECORD

For each entry (or species of plant in dish or water gardens) make copies and fill out the following form.

Directions: complete the maintenance records on (potting, fertilizing, watering, weeding, Pruning, sending out buyer letters, etc.) Must make copies for each entry.

Common Name: _____

Botanical Name: _____

Date Obtained: _____   Container Size: _____

Quantity: _____   Purchase Cost: _____

DATE	DESCRIPTION

PLANT PROJECT ESSAY

Write an essay answering the following questions about your project: Why did you choose the plants you chose? What have you learned from your project? What are some safety practices you use (at least 3)? What are some disease or pest your plants are prone to get and how do control each (at least 3)? (Add more pages as needed.

_____

PICTURES OF YOUR PROJECT

Include photos that show your plants at the start of the project, information you have learned or skills you have acquired, and your plants at the end of the project. Include a statement with each picture. Each statement should be no more than fifty (50) words. Make sure you use correct spelling, grammar and punctuation. Include a minimum of four (4) photos and a maximum of eight (8) photos. Add additional pages as needed.

PICTURES (continued)

REQUIRED PASCO COUNTY FAIR DOCUMENTS
ENTRY FORM, POTENTIAL BUYER'S LETTERS
AND
ACADEMIC SATISFACTION FORM

Please put a copy of your entry form and copies of letters sent to potential buyers following this page. You are required to send a minimum of five (5) letters.

Attach a copy of your report card of your first semester report card along with the 2024 Academic Satisfaction Form.

2024

Market Show Academic Satisfaction Form

Market Show (circle one):   Beef   Hog   Plant

Exhibitor's Name: _____ Grade:_____

School: _____

In signing below, I (authorized school personnel), _____ acknowledge
that (exhibitor) ,_____ has met the required unweighted
cumulative 2.0 grade point average as stated on the school issued 2023-2024
report card for the first semester.

_____   _____
Printed Name   Date

_____
Signature

*Authorized school personnel include: Administrator, Guidance Counselor, Guidance Secretary, Data Entry, and Registrar only.

School Stamp/Seal (if applicable):

This form must be completed and placed in EVERY exhibitor's Record Book.

RECORD BOOK SCORE CARD

Exhibitor Name: _____

Division: Senior, Intermediate, Elementary

Sections and Page Numbers	Points Possible	Points Earned
Record book neatly bound in a folder, overall neatness, handwriting	5	_____
Cover, page 1	2	_____
Signatures, page 2 (1 point each)	3	_____
Garden Center Info, pages 4-5	15	_____
Goals, page 6	5	_____
Beginning Inventory, correct math, page 7	5	_____
Ending Inventory, correct math, page 7	5	_____
Expenses, correct math, page 8	5	_____
Estimated Receipts, correct math, page 9	5	_____
Financial Summary, correct math, page 9	5	_____
Management Record, page 10	10	_____
Plant Project Essay, page 11	20	_____
Photos and Captions, page 12-13	5	_____
Required Documents, page 14-15	5	_____
Bidder's letters (1 point per letter)	5	_____
Total Points Earned	100	_____

GARDEN CENTER KNOWLEDGE SCORE CARD

Exhibitor Name: _____

Division: Senior, Intermediate, Elementary

	Points Possible	Points Earned
Entry Form completed correctly:	25 points	_____
		_____

Senior Exhibitors:

	Points Possible	Points Earned
Scientific names:	10 points	_____
Container sizes:	5 points	_____
Components of potting mix used:	10 points	_____
Soil pH requirements:	5 points	_____
Water needs:	5 points	_____
When does plant bloom:	5 points	_____
Flower color:	5 points	_____
Freeze hardiness:	5 points	_____
Sunlight requirements:	5 points	_____
Common pests or diseases:	10 points	_____
Is this plant poisonous?	5 points	_____
Is this plant an invasive species?	5 points	_____

Intermediate Exhibitors:

	Points Possible	Points Earned
Scientific names:	10 points	_____
Container sizes:	5 points	_____
Components of potting mix used:	10 points	_____
Water needs:	5 points	_____
When does plant bloom:	5 points	_____
Flower color:	5 points	_____
Freeze hardiness:	5 points	_____
Sunlight requirements:	5 points	_____
Is this plant poisonous?	5 points	_____
Is this plant an invasive species?	5 points	_____

Elementary Exhibitors:

	Points Possible	Points Earned
Container sizes:	5 points	_____
Water needs:	5 points	_____
When does plant bloom:	5 points	_____
Flower color:	5 points	_____
Freeze hardiness:	5 points	_____
Sunlight requirements:	5 points	_____
Is this plant poisonous?	5 points	_____

Total Points Earned _____

Judge's Comments

GARDEN CENTER DISPLAY SCORE CARD

Exhibitor Name: _____

Division: Senior, Intermediate, Elementary

	Points Possible	Points Earned
Plants displayed as featured item in exhibit:	25 points	_____
Plant Care Sheets included in display:	25 points	_____
Depicting Fair Theme:	25 points	_____
Overall attractiveness of exhibit:	25 points	_____
Total Points Earned:		_____

Judge's Comments: