



# Manatee River Fair Association (Beef or Swine) Care and Feed Record Book

Circle One	Beef	Swine	
Circle One	Junior	Intermediate	Senior

Name \_\_\_\_\_ Age (September 1) \_\_\_\_\_

Club \_\_\_\_\_

Years in Project \_\_\_\_\_

*I hereby certify that I have personally been responsible for the care of this animal, have personally kept records on this project, and have personally completed this record book.*

Member Signature \_\_\_\_\_ Date \_\_\_\_\_ Initials for fair \_\_\_\_\_

*I/We, the parents/guardian certify that our son/daughter has completed this record book and I/we have reviewed it for completeness and accuracy of reporting.*

Parent/Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_ Initials for fair \_\_\_\_\_

*I have reviewed this Record Book for completeness and accuracy of reporting.*

Organizational Leader Signature \_\_\_\_\_ Date \_\_\_\_\_ Initials for fair \_\_\_\_\_

### **FOR USE AT THE MANATEE COUNTY FAIR NOT FOR 4-H MEMBERS**

**Note:** The County Fair rules require that you submit a Care and Feed Record Book to them if you enter any animal in the County Fair even if you don't show that animal for any reason. If you do not turn in a record book to the Fair, you cannot show ANY animal at next year's County Fair.

The purpose of a Market Livestock Project is:

- To acquire an understanding of market animal production by preparing for, purchasing, caring for, and keeping records on an animal.
- To be able to identify the types and grades of animals and employ efficient methods of marketing.
- To understand the business aspects and economics of purchasing animals, feeds, facilities, and equipment for an animal project.
- To develop integrity, sportsmanship, and cooperation.
- To develop leadership abilities, build character, and assume citizenship responsibilities.

### **Market Livestock Care and Feed Record Book Guidelines:**

It is suggested that a copy of the record book be made for use as a work copy. Records should then be transferred into this book for submission.

- Your record book should start with the **purchase date of your animal or Sept. 1<sup>st</sup>**.
- Record books should be completed on the animal relating to your beef or swine project.
- Always double-check your math and have someone check your project Story/Essay for spelling and grammar before you write it in the final record book.
- **Your final record book must be hand written by the exhibitor (Juniors may use pencil or pen, Intermediates & Seniors must use pen, however the Project Story/Essay may be typed (on 8 ½ X 11, single-sided paper, in a 12 point double spaced font, by the exhibitor and attached.**
- Junior members (age 8-10) Recommended Story/Essay length is no less than one page.
- Intermediate members (age 11-13) Recommended Story/Essay length is no less than 2 pages.
- Senior members (age 14-18) Recommended Story/Essay length is no less than 3 pages.



**II. ANIMAL EXPENSE \* (to be completed by Fair Record Book check in)**

If a weight is not given at time of purchase estimate weight. **To calculate the Price per Pound of an animal- divide the cost by the estimated weight.**

Date	Description (Breed, type, ID# if any)	Paid To	Birth Date	Weight	Price/ Per Pound	Total Cost

Cost of Animal \$\_\_\_\_\_

**III. NON-FEED EXPENSES \* (to be completed by Fair Record Book check in)**

List (non-feed expenses) everything that you spent money on that you will **NOT** have at the end of the project. This should NOT include feed or hay unless hay is for bedding. This includes entry fees/Fair passes, veterinary expenses, bedding, deworming items, marketing costs (i.e. printing, stamps & envelopes) and other expendable items such as shampoo, printing of pictures, ink etc. **List items you will keep past the end of this project on the Project Inventory page (page 3) only.**

Date	Description	Paid to	Total Cost
	<b>Percentage deducted by fair</b>	<b>Manatee River Fair</b>	
<b>Total Non-Feed Expenses</b>			

**IV. FEED EXPENSES \* (to be completed by Fair Record Book check in)**

List all feed expenses on pages 5 & 6. Each feed purchase including weight should be listed separately. **All hay expenses are to be recorded on page 7.**

Date	Description	Paid To	Pounds	Total Cost
<b>Page Total – Pounds of Feed</b>				
<b>Page Total – Feed Cost</b>				

**IV. FEED EXPENSES –continued \* (to be completed by Fair Record Book check in)**

List all feed expenses on pages 5 & 6. Each feed purchase including weight should be listed separately. **All hay expenses are to be recorded on page 7.**

Date	Description	Paid To	Pounds	Total Cost
<b>Page Total – Pounds of Feed</b>				
<b>Page Total – Feed Cost</b>				

**V. HAY EXPENSES \* (to be completed by Fair Record Book check in)**

List all hay expenses on this page. Each hay purchase should be listed separately. **(This is hay that is eaten not used for bedding. Bedding is listed on page 4 under Non-Feed expenses)**

Date	Description	Paid To	Quantity # of bales	Total Cost
<b>Page Total – Hay Cost</b>				

**Total Pounds of Feed page 5**                    \_\_\_\_\_  
**Total Pounds of Feed page 6**            +    \_\_\_\_\_  
**Total Pounds of Feed**                        =    \_\_\_\_\_

**Total Feed Cost page 5**                        \$ \_\_\_\_\_  
**Total Feed Cost page 6**                        \$ \_\_\_\_\_  
**Total Hay Cost page 7**                         + \$ \_\_\_\_\_  
**Total Feed & Hay Cost**                        = \$ \_\_\_\_\_







**X. WEIGHT RECORD \* (to be up to date for the Fair Record Book check in)**

Keep track of the weight gains of your animal. Be sure to include the beginning weight and your final weight at Fair check-in. **Beginning weight is taken when you purchase your animal. If you do not have access to scales, use a weight tape. The number of days on feed starts when you purchase your animal and ends on the day you sell your animal.**

\* Average Daily Gain can be calculated by taking the pounds gained since last weighing, divided by the number of days since last weighing.

Date	Weight	Pounds gained since last weighing	Number of days since last weighing	Average Daily Gain *
Beginning Weight				
<b>Total Gain</b>				
<b>Total Number of Days on Feed</b>				

**XI. HEALTH RECORD \* (to be completed by Fair Record Book check in)**

This should include a record of any health related activities (**deworming, vaccinations, steer check-in, use of veterinarian's services for any reason such as health certificate**). Include what you used, how much you used, and what you used it for. Fill in all applicable information. **If your animal was healthy throughout the project, please note that.**

Date	Description of activity	Product used	Dosage	Withdrawal Time



### XIII. PROJECT SUMMARY

**NOTE- Items with an asterisk (\*) must be recorded for the Record Book check at your respective Fair Check-in. This is considered “Up to date”.**

<b>GAIN</b>		
<b>1</b>	<b>*</b> Beginning Weight <i>(From pg. 4, Sec II)</i>	
<b>2</b>	Final Weight (at Fair check in) <i>(From pg. 10, Sec. X)</i>	
<b>3</b>	Total Gain <i>(From page 10, sec. X)</i>	
<b>4</b>	<b>*</b> Total Number of Days on Feed <i>(From pg. 10, Sec. X)</i>	
<b>5</b>	Final Average Daily Gain <i>(From pg. 10, Sec. X)</i>	
	<i>(See page 19 for Explanation #'s 1 &amp; 2)</i>	
<b>FEED</b>		
<b>6</b>	<b>*</b> Total Pounds of Feed Fed <i>(From page 6 Sec. IV)</i>	
<b>7</b>	<b>*</b> Total Feed & Hay Cost <i>(From page 7)</i>	
<b>8</b>	Conversion (Pounds of feed fed per pound of gain)	
	<i>(See page 19 for Explanation # 3)</i>	
<b>9</b>	Cost of Gain (cost of feed per pound of gain)	
	<i>(See page 19 for Explanation # 4)</i>	
<b>INCOME</b>		
<b>10</b>	Income - Animal Sold <i>(From page 8 Sec. VII)</i>	
<b>11</b>	Other Income & Sponsor Income <i>(From page 9 Sec. VIII)</i>	
<b>12</b>	Estimated Carcass Value (use only if animal was not sold)	
	<i>(See Page 19 for Explanation # 5)</i>	
<b>13</b>	<b>TOTAL INCOME</b> <i>(Line 10+11)If animal is sold</i>	
	<i>(Line 11+12)If animal was not sold</i>	
<b>EXPENSES</b>		
<b>14</b>	<b>*</b> Total Depreciation <i>(From page 3 Sec. I)</i> <b>ONLY SENIORS COMPLETE THIS LINE</b>	
<b>15</b>	<b>*</b> Cost of Animal <i>(From page 4 Sec. II)</i>	
<b>16</b>	<b>*</b> Total Non-Feed Expenses <i>(From page 4 Sec. III)</i>	
<b>17</b>	<b>*</b> Total Feed and Hay Expenses <i>(From page 5, 6 &amp; 7 Sec. IV &amp; V)</i>	
<b>18</b>	<b>*</b> <b>TOTAL EXPENSES</b> <i>(Line 14+15+16+17)</i>	
<b>SUMMARY</b>		
<b>19</b>	<b>FINAL PROFIT/LOSS</b> <i>(Line 13-18)</i>	
<b>20</b>	<b>*</b> <b>TOTAL ASSETS</b> <i>(From page 3)</i> <b>ONLY SENIORS COMPLETE THIS LINE</b>	

**XIV. PICTURES OF YOUR PROJECT \* (You should have approximately half of your pictures by the Fair Record Book check in)**

**Show your project from the beginning to the end along with different skills that you have learned.** This should include a **minimum of 8 pictures and a maximum of 10 pictures**. Include a caption with each picture. The captions should tell a story. The pictures and captions should compliment your project story. Explain what you are doing and why you are doing the things shown in the picture. What skills are you demonstrating and why? Spelling and grammar are included in the judge's decision. **Do not cover up the directions.**

**Pictures (continued):**

**DO NOT ADD ADDITIONAL PAGES**

**Pictures (continued):**

**DO NOT ADD ADDITIONAL PAGES**









**XVI. BUYERS LETTERS AND ADDRESSES \*(to be up to date for the Fair Record Book check in)**

Please attach (staple) a copy of your buyers letter to this page and list 3 people or businesses to whom you sent the letters along with their addresses below.

**ADDRESS # 1**

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**ADDRESS # 2**

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**ADDRESS # 3**

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## PROJECT TERMS AND EXPLANATIONS

### NOTES FOR PROJECT INVENTORY (page 3)

- **Project Year** - Based on a calendar year. Current project year is same year as current Fair.
- **Date acquired** - List the date you obtained this item, on items older than 1 year, the year will be sufficient.
- **Purchase cost or value** - What did this item cost when you obtained it? (Fair market value)
- **Value at Beginning of Project**- Same as purchase cost for items purchased current calendar year. On items from previous years this should be the value from last year's ending inventory or depreciated value of 10% of purchase cost per project year.
- **Depreciation of 10%** - This will be 10%, per calendar year, of the original purchase cost for the items you will still have at the end of the project. This includes items you had at the beginning of the project as well as items purchased during the current calendar year. Depreciation is the loss in value of your assets and is an expense.
- **Value at the end of the project**- This is the value at the beginning of the project minus the depreciation.

**Examples:**

Items Description	Date Acquired	Purchase Cost or Value	Value at beginning of project	Depreciation (10% of purchase cost, for this calendar year)	Value at end of project
Rope	Purchased 4 years ago	\$7.30	(Depreciated 10% for 3 years) \$5.11	\$0.73	\$4.38
Comb	Purchased 3 years ago	\$19.60	(Depreciated 10% for 2 years) \$15.68	\$1.96	\$13.72
Brush	Purchased Previous Calendar Year	\$5.85	(Depreciated 10% for 1 year) \$5.27	\$0.58	\$4.69
Bucket	Purchased Current Calendar Year	\$9.10	(No Previous Depreciation -purchased current calendar year) \$9.10	\$0.91	\$8.19
Total Depreciation*				\$4.18	
Value of Project Assets					\$30.98

\*Depreciation is an expense

### NOTES FOR PROJECT SUMMARY (Page 12)

1. **Total Gain** - Final weight minus beginning weight.
2. **Final Average Daily Gain (ADG)** - Total Gain divided by the total number of days on feed.  
Use number of days from date you purchased your animal to the date of final check-in.
3. **Conversion - Pounds of Feed fed per pound of gain** - Total pounds of feed fed divided by the total gain.
4. **Cost of Gain** - Total feed cost divided by total gain.
5. **Estimated Carcass Value – use this ONLY if animal is not sold**
  - Hog - Final live weight multiplied by 64% (60-67% dressing range) = Carcass weight
  - Steer - Final live weight multiplied by 63% (average dressing percentage) = Carcass weight
  - Carcass weight multiplied by Current Market Value.
  - (Current Market Value can be obtained at [www.arcadiastockyard.com](http://www.arcadiastockyard.com))

## SCORING SYSTEM

### Market Livestock (Beef or Swine) Care and Feed Record Book

Section	Item	Points Possible
Cover	Signatures	3
I	Project Inventory (page 3)	8
II & III	Animal & Non-Feed Expenses (page 4)	6
IV & V & VI	Feed Expenses, Hay Expenses & Ration Record (pages 5, 6,7 & 8)	8
VII & VIII & IX	Income (Animal Sold), Other Income, & Sponsor Income(pages 8 & 9)	4
X	Weight Record (page 10)	4
XI	Health Record (page 10)	4
XII	Remarks & Incidents (page 11)	5
XIII & XVI	Project Summary (page 12) Buyers Letter and Addresses (page 19)	10
XIV	Pictures (pages 13, 14 & 15)	8
XV	Project Story (pages 16-18)	30
XVII	Neatness, Accuracy, Grammar, & Spelling	10
	Total Points	100

### Ribbon Awards

<b>Blue</b>	<b>90 - 100</b>	<b>pts.</b>
<b>Red</b>	<b>80 - 89</b>	<b>pts.</b>
<b>White</b>	<b>79 - 0</b>	<b>pts.</b>

This document, **4-H Market Livestock (Beef or Swine) Care and Feed Record Book**, was compiled by Diana L. Smith, Ph.D., Extension 4-H Coordinator, University of Florida/IFAS Extension - Manatee County, October 14, 2004, revised January 29, 2008, August 2012, July 2015

**Credits:**        **Florida State Fair Youth Livestock Market Record Book** (Revised August 1, 2003).

**4-H Beef Care and Feed Record Book** (Claudia Cahill, Author), Manatee County 4-H (Revised July 1998).

**4-H Swine Care and Feed Record Book** (Claudia Cahill, Author), Manatee County 4-H (Revised January 2004 by Diana L. Smith, Ph.D.)

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