



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

Circle One	Beef	Swine	
Circle One	Junior	Intermediate	Senior

**NOT FOR 4-H MEMBERS**

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 Care and Feed Book.*

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

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

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

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

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

**FOR USE AT THE MANATEE COUNTY FAIR**

**Note:** The County Fair rules require that you submit a Care and Feed Book to them (check with the Fair Office for due date) 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 Care and Feed Book to the Fair, you cannot show ANY animal at next year's County Fair.

## Purpose

### 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 Book Guidelines:

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

- Your Care and Feed book should start with the **purchase date of your animal or Sept. 1<sup>st</sup>**.
- Care and Feed 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 Essay for spelling and grammar before you write it in the final Care and Feed book.
- **Your final Care and Feed Book must be hand written by the exhibitor (Juniors may use pencil or pen, Intermediates & Seniors must use pen, however the Project Essay may be typed (on 8 ½ X 11, single-sided paper, in a 12-point font, double-spaced, by the exhibitor and attached.**
- **Junior members (age 8-10) Essay length is at least one (1) page.**
- **Intermediate members (age 11-13) Essay length is at least two (2) pages.**
- **Senior members (age 14-18) Essay length is at least three (3) pages.**



**II. ANIMAL EXPENSE \* (to be completed by Fair Care and Feed 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. FAIR DEDUCTIONS EXPENSE - (From Add-on's and sale checks)**

The Manatee River Fair deducts **6% from any Add-on's that are processed through the fair. They also deduct 6% from the total sale amount of animals sold at the fair. (Sale check)** This 6% is an expense to you. **List the amount deducted from Add-on's and from your sale check here. If you had no Add-on's please indicate "Received no Add-on's" on the chart.**

**If your animal did not make the requirements for admittance to the fair and you sold it privately please put an (X) in the space below.**

**I sold my animal privately \_\_\_\_\_.**

Description	Paid to	Total Cost
<b>Total Fair Deduction Expenses</b>		

**IV. NON-FEED EXPENSES \* (to be completed by Fair Care and Feed 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, hoof trimming, marketing costs (i.e. printing, stamps & envelopes) and other expendable items such as shampoo, printing of pictures, ink etc.

Date	Description	Paid to	Total Cost
<b>Total Non-Feed Expenses</b>			

**V. FEED EXPENSES \* (to be completed by Fair Care and Feed Book check in)**

List all feed and supplement expenses on pages 6 & 7. Each feed purchase including weight should be listed separately. **All hay expenses are to be recorded on page 8.**

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

**V. FEED EXPENSES –continued \* (to be completed by Fair Care and Feed Book check in)**

List all feed and supplement expenses on pages 6 & 7. Each feed purchase including weight should be listed separately. **All hay expenses are to be recorded on page 8.**

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







**IX. OTHER INCOME – ADD-ONS AND SHOW RECEIPTS**

Other project income should be recorded here, such as each add-on, each show premium (**ribbon money**) or other money earned. **If you have no other income from this project, THEN ENTER ZERO.**

Date	Description (Show/contest/demonstration/placing and or ribbon)	Total
<b>Total Other Income</b>		

**X. SPONSOR INCOME**

You should record here any money given to you, to support your project, by sponsors.  
 Example: If someone buys your feed or hay for your animal. **IF NONE, ENTER ZERO.**

Sponsor's Name	Total	
<b>Total Sponsor Income</b>		

**XI. WEIGHT RECORD \* (to be up to date for the Fair Care and Feed Book check in)**

Keep track of your animal’s weight gains. **Be sure to include the beginning weight and your final weight at Fair check-in. Beginning weight is taken when you purchase your animal for (Swine) The first weigh in weight is your beginning weight for (Steers) If you do not have access to scales, use a weight tape. The number of days on feed starts when you purchase your animal (Swine) or the first weigh-in (steers) and ends on the day you check-in to the fair.**

\* 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 *
<b>Final Weight</b>				
<b>Total Gain</b>				
<b>Total Number of Days on Feed</b>				
<b>Final Average Daily Gain</b>				

**XII. 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. If no vaccinations were given at weigh in please specify that.**

Date	Description of activity	Product used	Dosage	Withdrawal Time

### XIII. PROJECT SUMMARY

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

<b>GAIN</b>		
<b>1</b>	*	Beginning Weight ( <i>From pg. 11, Sec XI</i> )
<b>2</b>		Final Weight (at Fair check in) ( <i>From pg. 11, Sec. XI</i> )
<b>3</b>		Total Gain ( <i>From page 11, sec. XI</i> )
<b>4</b>	*	Total Number of Days on Feed ( <i>From pg. 11, Sec. XI</i> )
<b>5</b>		Final Average Daily Gain ( <i>From pg. 11, Sec. XI</i> )
		( <i>See page 21 for Explanation #'s 1 &amp; 2</i> )
<b>FEED</b>		
<b>6</b>	*	Total Pounds of Feed Fed ( <i>From page 8</i> )
<b>7</b>	*	Total Feed & Hay Cost ( <i>From page 8</i> )
<b>8</b>		Conversion (Pounds of feed fed per pound of gain)
		( <i>See page 21 for Explanation # 3</i> )
<b>9</b>		Cost of Gain (cost of feed per pound of gain)
		( <i>See page 21 for Explanation # 4</i> )
<b>INCOME</b>		
<b>10</b>		Income - Animal Sold ( <i>From page 9 Sec. VIII</i> )
<b>11</b>		Other Income & Sponsor Income ( <i>From page 10 Sec. IX and X</i> )
<b>12</b>		Estimated Carcass Value (use only if animal was not sold)
		( <i>See Page 21 for Explanation # 5</i> )
<b>13</b>		TOTAL INCOME ( <i>Line 10+11</i> )If animal is sold
		( <i>Line 11+12</i> )If animal was not sold
<b>EXPENSES</b>		
<b>14</b>	*	Total Depreciation ( <i>From page 3 Sec. I</i> ) <b>ONLY SENIORS COMPLETE THIS LINE</b>
<b>15</b>	*	Animal Expense ( <i>From page 4 Sec. II</i> )
<b>16</b>		Fair Deduction Expenses ( <i>From page 4 Sec. III</i> )
<b>17</b>	*	Total Non-Feed Expenses ( <i>From page 5 Sec. IV</i> )
<b>18</b>	*	Total Feed and Hay Expenses ( <i>From page 8</i> )
<b>19</b>	*	TOTAL EXPENSES ( <i>Line 14+15+16+17+18</i> )
<b>SUMMARY</b>		
<b>20</b>		<b>FINAL PROFIT/LOSS</b> ( <i>Line 13-19</i> )
<b>21</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 at least 5 pictures by the Fair Care and Feed 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 pictures and captions should compliment your project essay. Explain what you are doing and why you are doing the things shown in the picture. What skills are you demonstrating and why? **Limit the number of pictures of you just posing with your animal to (2) pictures.** Spelling and grammar are included in the judge's decision.

**Do not cover up the directions.**

**DO NOT ADD ADDITIONAL PAGES**

**Pictures (continued):**

**DO NOT ADD ADDITIONAL PAGES**

**Pictures (continued):**

**DO NOT ADD ADDITIONAL PAGES**









**XVI. ADDRESSES AND BUYER'S LETTERS \*(to be up to date for the Fair Care and Feed Book check in)**

Please list 3 people or businesses to which you sent Buyers letters to along with their addresses below.

**ADDRESS # 1**

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**ADDRESS # 2**

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**ADDRESS # 3**

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**XVI. (Continued) ATTACH A COPY OF YOUR BUYERS LETTER HERE.**  
**\*(to be up to date for the Fair Care and Feed Book check in)**

## PROJECT TERMS AND EXPLANATIONS

### NOTES AND EXAMPLES FOR PROJECT INVENTORY (page 3)

- **Project Year** - Current project year is the current 4-H year or School year.
- **Year acquired** - List the year you purchased/obtained the item.
- **Purchase cost or value** - What did this item cost when you purchased/obtained it? (Fair market value)
- **Depreciation of 10%** - This will be 10% of the original purchase price.  $\$7.30 \times .10$  or  $(10\%) = .73$
- **Value at Beginning of Current Project Year**- If purchased in current year the value is the purchase price. If purchased in previous year(s), i.e. 2016, there are 4 years from 2016-2019. Depreciate for 3 years to get beginning value for current year  $.73 \times 3 = \$2.19$   $\$7.30 - \$2.19 = \$5.11$  Beginning value of current year.
- **Value at the end of the project**- This is the value at the beginning of the project minus the depreciation. Depreciate for one additional year to equal the 4 years mentioned above.  $\$5.11 - .73 = \$4.38$  (Value at end of project)

### Examples are done assuming the current year is 2019

Items Description	Year Acquired	Purchase Cost or Value	Depreciation (10% of purchase cost)	Value at beginning of current project year	Value at end of project
Rope	2016	\$7.30	\$.73	Depreciate for 3 years \$5.11	Depreciate for 1 more year \$4.38
Halter	2017	\$19.60	\$1.96	Depreciated for 2 years \$15.68	Depreciate for 1 more year \$13.72
Brush	2018	\$5.85	\$.59	Depreciated for 1 year \$.59	Depreciated for 1 more year \$5.26
Bucket	2019	\$9.10	\$.91	No Depreciation \$9.10	Depreciate for this year \$8.19
Total Depreciation*			\$4.19		
Value of Project Assets					\$31.55

\*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))

## NOTES

**SCORING SYSTEM**  
**Market Livestock (Beef or Swine) Care and Feed Record Book**

<b>Section</b>	<b>Item</b>	<b>Points Possible</b>
Cover	Signatures	3
I	Project Inventory (page 3)	8
II	Animal Expenses (page 4)	2
III & IV	Fair Deduction Expenses (page 4) Non-Feed Expenses (page 5)	6
V, VI & VII	Feed Expenses, Hay Expenses & Ration Record (pages 6 - 9)	8
VIII, IX & X	Income (Animal Sold), Other Income, & Sponsor Income(pages 9 & 10)	4
XI	Weight Record (page 11)	5
XII	Health Record (page 11)	4
XIII	Project Summary (page 12)	8
XIV	Pictures (pages 13 - 15)	8
XV	Project Essay (pages 16-18)	30
XVI	Addresses and Buyers Letter (pages 19 & 20)	4
	Overall Neatness, Accuracy, Grammar, & Spelling	10
	Total Points	100

**Ribbon Awards**

**Blue            90 - 100    pts.**  
**Red             80 - 89      pts.**  
**White          79 - 0        pts.**

This document, **4-H Market Livestock (Beef or Swine) Care and Feed 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, July 2019.

**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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