



# 4-H Beef Breeding Care and Feed Record Book



Circle One:	Junior	Intermediate	Senior
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## Manatee County

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

Club \_\_\_\_\_

Years in 4-H \_\_\_\_\_ Years in Project \_\_\_\_\_

*I hereby certify that I have personally been responsible for the care of this/these animal(s), 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 4-H record book for completeness and accuracy of reporting.*

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

### FOR USE AT THE MANATEE COUNTY FAIR AND AS THE 4-H PROJECT RECORD BOOK

**Note:** The County Fair rules require that you submit a Care and Feed Record 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 record book to the Fair, you cannot show ANY animal at next year's County Fair.

## Purpose

### The purpose of a 4-H beef breeding project is:

- To become aware of the scope and economic significance of the beef breeding industry.
- To acquire skills in beef breeding production through ownership and the care of beef breeding animals.
- To learn marketing, processing, distribution, consumption, and use of beef breeding enterprises.
- To learn and practice principles of cleanliness and sanitation as applied to the management and care of beef breeding products.
- 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.

### 4-H Beef Breeding 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 September 1st of the current 4-H year (for ongoing project animals)**.
- Record books should be completed on the animal(s) relating to your current beef breeding 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 Care and Feed Book must be hand written by the 4-H'er (Juniors may use pencil or pen (blue or black ink), Intermediates & Seniors must use pen (blue or black ink), however the Project Essay may be typed (on 8 ½ X 11, single-sided paper, in a 12-point font, double-spaced, by the 4-H member and attached.**
- **The Overall Story is not found in this book. This story is in the finished 4-H Record boo that is submitted to 4-H for judging.**
- **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.**

**I. Project Plans and Goals (Answer in complete sentence(s))**

**These areas are to be filled in, signed and dated at the beginning of the project for full points.**

**What would you like to learn or accomplish this year? (Goals):**

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**Member Signature: \_\_\_\_\_ Date: \_\_\_\_\_**

**What has your leader agreed to help you with this year?**

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**Leader Signature: \_\_\_\_\_ Date: \_\_\_\_\_**

**How will your parent(s)/guardian(s) help you with this project?**

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**Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_**

**II. PROJECT INVENTORY \* (to be completed by Fair Record Book check in)**

List all equipment and assets you had at the beginning of the project. After listing existing inventory, you should also list the items you purchased this year. **List items you will keep past the end of this project on this page only** (inventory examples include clippers, blowers, chutes, tack, feed pans, etc.) **DO NOT** list expendable items such as shampoo, etc. **The current year begins with the purchase of your animal or Sept. 1<sup>st</sup> of the current 4-H year (for ongoing projects). Project ends with either sale/death of animal or when the record book is turned into 4-H for judging.**

**Complete columns pertaining to your age.(Jr., Int., Sr.)**

**Please refer to Project Terms and Explanation, page 28, for descriptions of each column.**

Item Description	Date Acquired	Purchase Cost or Value	Value at beginning of project	Depreciation (10% of purchase cost, per calendar year)	Value at end of project
Jr. Int. & Sr.	Jr. Int. & Sr.	Jr. Int. & Sr.	Sr.	Sr.	Sr.
<b>Total Depreciation (Depreciation is an Expense)</b>					
<b>Value at End/Total Assets</b>					

**III. PROJECT ANIMAL INVENTORY \* (to be completed by Fair Record Book check in)**

List all animals you own at the beginning of the project and add animals you purchased or animals born during the project year. Animals sold should have a \$0 value at end of project on this page and income is recorded under INCOME – ANIMALS SOLD.

**\*\*Beginning \$ Value:** Value of existing animals at beginning of project OR purchase cost of new animals OR value of animals born.

**\*Animals received as a gift should have \$0 beginning value and estimated value at the end.**

**\*\$ Value at End of Project:** Your animal’s value should increase and is an estimated value.

**If you need help determining the value at the end of the project consider contacting the breeder.**

Animal Identification (tag /tattoo)	Breed	Date Acquired or Born	**Beginning \$ Value	*\$ Value at end of project	Indicate if animal sold, kept, died, etc.
<b>Value at Beginning</b>					
<b>Value at End/Value of Animal Assets</b>					

**IV. ANIMAL INFORMATION\*** (to be completed on each animal by Fair Record Book check in)

**Animal #1                      Heifer                      Cow                      (circle one)**

Name: \_\_\_\_\_ Purchased From: \_\_\_\_\_

Breed: \_\_\_\_\_ Date of Purchase: \_\_\_\_\_

Ear Tag/ Tattoo: \_\_\_\_\_ Date of Birth: \_\_\_\_\_ Registration Number: \_\_\_\_\_

Sire Name: \_\_\_\_\_ Breed: \_\_\_\_\_

Dam Name: \_\_\_\_\_ Breed: \_\_\_\_\_

**Growth and Development Record**

Animal #1 \_\_\_\_\_

**Weigh your beef breeding animal at least once a month.** Plot the weight by making a dot at the nearest weight. Write in the weight next to the dot on the graph. Draw a line to connect the dots. This is your beef breeding animal's growth curve. Remember to record the date that you weighed your beef breeding animal in the bottom row of the chart.

		Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	2000												
	1500												
	1200												
	1000												
	950												
	900												
	850												
	800												
Pounds	750												
	700												
	650												
	600												
	550												
	500												
	450												
	400												
	350												
		Date Measured											

## Animal #1 Continued

### Reproduction Record for Heifer or Cow

Date of Estrus:	
Date Bred:	AI _____ or Natural Service _____
Sire Name:	Sire Breed:
Date of Pregnancy check:	Pregnant _____ or Open _____
Date Calved:	Assisted _____ or Non-Assisted _____
Sex of Calf: Circle one: <b>B</b> <b>H</b>	Weight of Calf:
Date Rebred:	

### Picture of Animal #1 for Identification Purposes

**Animal #2                      Heifer                      Cow                      (circle one)**

Name: \_\_\_\_\_ Purchased From: \_\_\_\_\_

Breed: \_\_\_\_\_ Date of Purchase: \_\_\_\_\_

Ear Tag/ Tattoo: \_\_\_\_\_ Date of Birth: \_\_\_\_\_ Registration Number: \_\_\_\_\_

Sire Name: \_\_\_\_\_ Breed: \_\_\_\_\_

Dam Name: \_\_\_\_\_ Breed: \_\_\_\_\_

**Growth and Development Record**

Animal #2 \_\_\_\_\_

**Weigh your beef breeding animal at least once a month.** Plot the weight by making a dot at the nearest weight. Write in the weight next to the dot on the graph. Draw a line to connect the dots. This is your beef breeding animal's growth curve. Remember to record the date that you weighed your beef breeding animal in the bottom row of the chart.

		Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	2000												
	1500												
	1200												
	1000												
	950												
	900												
	850												
	800												
Pounds	750												
	700												
	650												
	600												
	550												
	500												
	450												
	400												
	350												
		Date Measured											



## Animal #2 Continued

### Reproduction Record for Heifer or Cow

Date of Estrus:	
Date Bred:	AI _____ or Natural Service _____
Sire Name:	Sire Breed:
Date of Pregnancy check:	Pregnant _____ or Open _____
Date Calved:	Assisted _____ or Non-Assisted _____
Sex of Calf: Circle one: <b>B</b> <b>H</b>	Weight of Calf:
Date Rebred:	

**Picture of Animal #2 for Identification Purposes**

**Animal #3                      Heifer                      Cow                      (circle one)**

Name: \_\_\_\_\_ Purchased From: \_\_\_\_\_

Breed: \_\_\_\_\_ Date of Purchase: \_\_\_\_\_

Ear Tag/ Tattoo: \_\_\_\_\_ Date of Birth: \_\_\_\_\_ Registration Number: \_\_\_\_\_

Sire Name: \_\_\_\_\_ Breed: \_\_\_\_\_

Dam Name: \_\_\_\_\_ Breed: \_\_\_\_\_

**Growth and Development Record**

Animal #3 \_\_\_\_\_

**Weigh your beef breeding animal at least once a month.** Plot the weight by making a dot at the nearest weight. Write in the weight next to the dot on the graph. Draw a line to connect the dots. This is your beef breeding animal's growth curve. Remember to record the date that you weighed your beef breeding animal in the bottom row of the chart.

		Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	2000												
	1500												
	1200												
	1000												
	950												
	900												
	850												
	800												
Pounds	750												
	700												
	650												
	600												
	550												
	500												
	450												
	400												
	350												
		Date Measured											

## Animal #3 Continued

### Reproduction Record for Heifer or Cow

Date of Estrus:	
Date Bred:	AI _____ or Natural Service _____
Sire Name:	Sire Breed:
Date of Pregnancy check:	Pregnant _____ or Open _____
Date Calved:	Assisted _____ or Non-Assisted _____
Sex of Calf: Circle one: <b>B</b> <b>H</b>	Weight of Calf:
Date Rebred:	

### Picture of Animal #3 for Identification Purposes

**V. 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/Exhibitor fair pass, Prospect Show entries, veterinary expenses (health papers), bedding, pure bred registration fees, breeding expenses, semen, pregnancy test fees, deworming items, 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 4) only.**

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

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

List all feed expenses on pages 13 & 14. Each feed purchase including weight should be listed separately. **All hay expenses are to be recorded on page 15.**

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

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

List all feed expenses on pages 13 & 14. Each feed purchase including weight should be listed separately. **All hay expenses are to be recorded on page 15.**

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

**Total Pounds of Feed page 13** \_\_\_\_\_                      **Total Feed Cost page 13 \$** \_\_\_\_\_  
**Total Pound of Feed page 14 +** \_\_\_\_\_                      **Total Feed Cost page 14 +\$** \_\_\_\_\_  
**Total Pounds of Feed =** \_\_\_\_\_ **lbs**                      **Total Feed Cost = \$** \_\_\_\_\_

**VII. 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 12 under Non-Feed expenses)**

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

**VIII. INCOME - ANIMAL(S) SOLD**

Not all Breeding animals are sold by weight. Traditionally only those sold at the market are sold by weight. If you sell any Breeding animals and it is not by weight **please indicate NA in the Weight box**

( ) Check here if you did not sell your project animal. **If you have no income from this project, THEN ENTER ZERO.**

Date	Description (Breed, ID# if any)	Purchased by	Weight	Age	Total

**Income from Sale of Animal(s) \$\_\_\_\_\_**

**IX. 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. CALVING RECORD

List all calves born to your project animal(s). Record the income received from the sale of any calves born. **IF NONE, ENTER ZERO.**

Date Born	Calf Name	Sex	Dam/Reg. #	Sire/Reg. #

**Income from Sale of Calf(s) \$ \_\_\_\_\_**

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

This should include a record of any health related activities (deworming, vaccination, dehorning, tattooing or use of veterinarian’s services for any reason such as health certificate). This should include what you used, how much you used, and what you used it for. **Be sure to identify the animal being treated.** Fill in all applicable information. **If your animal was healthy throughout project, please note but everyone should have a deworming and vaccination entry.**

Date	Animal # and Description of activity & who administered	Product used	Dosage	If applicable, Withdrawal Time

### XIII. PROJECT FINANCIAL 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”.

**If your project ends at the County Fair complete lines with \*. If your project will continue past the County Fair fill in areas with an \* in PENCIL for the fair check in then rewrite in PEN (if you are an Int. or Sr.) before you turn your book in to 4-H for judging.**

<b>INCOME</b>		<b>Section Total</b>	<b>Grand Total</b>
1	Income – Animal(s) Sold ( <i>page 16, Sec. VIII</i> )		
2	Sponsor Income ( <i>page 16, Sec. IX</i> )		
3	Other Income – Show Premiums & Receipts ( <i>page 17, Sec. X</i> )		
4 *	Calving Income ( <i>page 18, Sec. XI</i> )		
5	TOTAL INCOME ( <i>Add Lines 1 + 2 + 3 + 4</i> )		
<b>EXPENSES</b>			
6 *	Total Depreciation ( <i>page 4, Sec. II</i> ) <b>ONLY SENIORS COMPLETE THIS LINE</b>		
7*	Total Non-Feed Expenses ( <i>page 12, Sec. V</i> )		
8*	Total Feed Expenses ( <i>page 14</i> )		
9*	Total Hay Expenses ( <i>page 15, Sec. 7</i> )		
10*	TOTAL EXPENSES ( <i>Add Lines 6 + 7 + 8</i> )		
<b>SUMMARY</b>			
11	<b>FINAL PROFIT/LOSS</b> ( <i>Subtract Line 9 from Line 5</i> )		
<b>ASSETS</b>			
12*	Value of Project Assets ( <i>page 4, Sec. II</i> ) <b>ONLY SENIORS COMPLETE THIS LINE</b>		
13*	Value at end of project ( <i>page 5, Sec. III</i> ) (animals still owned by exhibitor)		
14	Total Assets ( <i>Add Lines 13 + 14</i> ) <b>ONLY SENIORS COMPLETE THIS LINE</b>		

**XIV. PICTURES OF YOUR PROJECT \* (You should have at least 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**. 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**

**XV. PROJECT HIGHLIGHTS**

Record major events and accomplishments having to do with your project here. Example:  
Selecting your project animal(s), going to a prospect show or a fair show...

<b>Date</b>	<b>Project Event or Accomplishment</b>









## PROJECT TERMS AND EXPLANATIONS

### NOTES FOR PROJECT INVENTORY (page 4)

- **Project Year** - Based on a calendar year. Current project year is same year as current Fair year.
- **Date Acquired** - List the date (mm/dd/yy) you obtained this item, on items older than one year, list only the year.
- **Purchase Cost or Value** - What did this item cost when you obtained it? (Fair market value)
- **Value at Beginning of Project** - Same as the purchase cost of items bought during the current calendar year. On items from previous years this will be the value from last year's ending inventory (the depreciated value of 10% of the 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	\$.91	\$8.19
Total Depreciation*				\$4.18	
Value of Project Assets					\$30.98

\*Depreciation is an expense

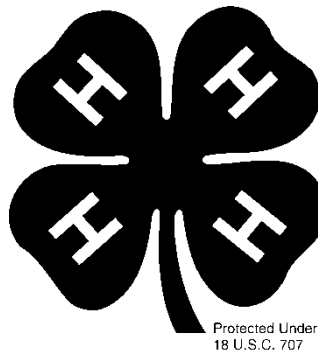
## SCORING SYSTEM

### 4-H Beef Breeding Care and Feed Record Book

Section	Item	Points Possible
Title page & Summary page	All information completed	5
Properly Tabbed	All required sections of completed 4-H Record Book are tabbed and labeled (ie: Summary page, Overall Story...)	5
Care & Feed Cover	All information and signatures	5
I	Plans and Goals (Answered in complete sentences, signed and dated at beginning of project) (page 3)	10
II	Project Inventory (page 4)	10
III	Project Animal Inventory (page 5)	8
IV	Animal Information including Growth & Development and Reproduction (pages 6-11)	10
V	Non-Feed Expenses (page 12 )	8
VI & VII	Feed Expenses (pages 13 & 14) & Hay Expenses (page 15)	10
VIII, IX & X	Income (Animal/s Sold), Sponsor Income & Other Income (pages 16 & 17)	4
XI	Calving Record (page 18)	2
XII	Health & Veterinary Record (pages 19)	6
XIII	Project Financial Summary (page 20)	10
XIV	Pictures (pages 21, 22 & 23)	10
XV	Project Highlights (page 24)	6
XVI	Project Story/Essay (pages 25-27)	40
Overall Story	Overall Story ( <b>This story is not found in this book it is part of the finished 4-H Record book</b> )	45
	Neatness, Accuracy, Grammar, & Spelling	6
	Total Points	200

### Ribbon Awards

<b>Blue</b>	90% - 100%
<b>Red</b>	80% – 89%
<b>White</b>	79% - 0%



This document, **4-H Beef Breeding Care and Feed Record Book**, was compiled by Diana L. Smith, Ph.D., Extension 4-H Coordinator, University of Florida/IFAS Extension - Manatee County, January 2, 2005; updated February 20, 2008, revised August 7, 2012, July 2015, August 2016.

**References:** Cahill, C. (July 1998). **4-H Beef Breeding Care and Feed Record Book**. Palmetto, FL: Manatee County 4-H.

Kistler, Mark J. Okeechobee, FL: University of Florida/IFAS Extension – Okeechobee County.

Marshall, Dr. Tim. Gainesville, FL: University of Florida/IFAS Extension.

Author Unknown. (Revised August 1, 2003). **Florida State Fair Youth Livestock Market Record Book**. Tampa, FL: Florida State Fair Authority.

**Credits:** A special thank you to Christa Kirby, Extension Livestock Agent, UF/IFAS Extension-Manatee County; Lori Jorgensen and a team of dedicated Manatee County 4-H Volunteers for their diligent efforts in the revision process (2012)(2015)(2017)(2021).