



4-H Beef Breeding Care and Feed Record Book



Circle One: Junior Intermediate Senior

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 _____ Final Date _____ Initials for fair _____

I, the parent/guardian certify that my child has completed this record book, and I have reviewed it for completeness and accuracy of reporting.

Parent/Guardian Signature _____ Final Date _____ Initials for fair _____

I have reviewed this 4-H record book for completeness and accuracy of reporting.

Organizational Leader Signature _____ Final Date _____ Initials for fair _____

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

Note: The Manatee County Fair requires that a Care and Feed Record Book (this book) is submitted for any project a youth submits a registration for at the Manatee County Fair. Even if the youth doesn't show at the fair or complete the project, they must still submit a Care and Feed Record Book. If you do not turn in a Care and Feed Record Book to the Fair, you may not participate in the next year's Manatee 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 Care and Feed 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 Care and Feed book. **Do not use ditto marks anywhere in this book.**
- **Your final Care and Feed Book must be hand written by you, the 4-H member. 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 inserted. If you type your essay or write it on a separate sheet of paper **DO NOT TAPE THE STORY TO THE PAGES, USE A HOLE PUNCH AND INSERT THE PAGES.** Write a note on the first page of the essay section to **“SEE ATTACHED”.**
- **Do not submit your Overall Story to the fair** with this book. **This story should ONLY be included in your 4-H Record Book that is submitted to 4-H for judging.** For more information, see the “How To of Putting Your 4-H Member Record Book Together”.
 - 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 (Write answers in complete sentences)

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):

Member Signature: _____ Date: _____

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

Leader Signature: _____ Date: _____

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

Parent/Guardian Signature: _____ Date: _____

II. PROJECT INVENTORY * (must be completed by Fair Record Book check in date)

First, list all equipment and assets you had at the beginning of the project. After listing existing inventory, 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. **Wear and tear occurs on equipment we use from year to year. These items will depreciate (go down in value) each year we use them. By listing the depreciated value you will have a more accurate value of your inventory at the end of the project. 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 level (Jr., Int., Sr.)

Please refer to Project Terms and Explanation, page 31, for descriptions of each column.

Item Description	Date Acquired	Purchase Cost or Value	Value at beginning of current project year	Depreciation (10% of purchase cost)	Value at end of project
Jr. Int. & Sr. complete this section	Jr. Int. & Sr. complete this section	Jr. Int. & Sr. complete this section	Seniors only	Seniors Only	Seniors Only
Total Depreciation (Depreciation is an Expense)					
Value at End/Total Assets					

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

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 during the year should also be recorded under INCOME – ANIMALS SOLD (Section VIII, page 19). Animals sold should have a \$0 value at end of project on this page.

****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 still have a beginning value.

***\$ 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.
Value at Beginning					
Value at End/Value of Animal Assets					

IV. ANIMAL #1 INFORMATION*

Must be completed on each animal by Fair Record Book check in date. Complete each line with as much information as possible. If information is not available, record "NA" for not applicable.

Circle One: Heifer Cow

Name: _____ Purchased From: _____

Breed: _____ Date of Purchase: _____

Ear Tag/ Tattoo: _____ Date of Birth: _____ Registration Number: _____

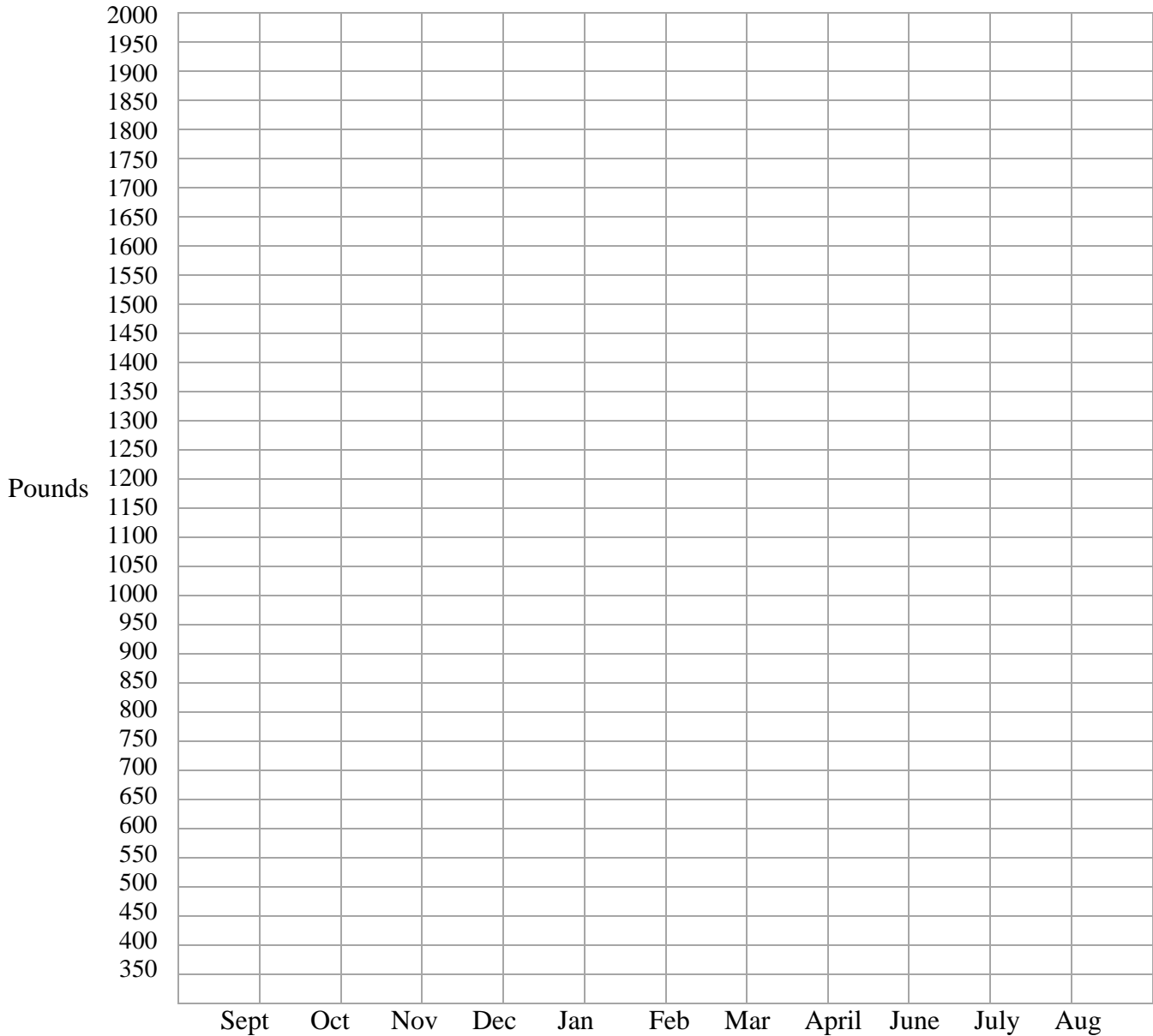
Sire Name: _____ Breed: _____

Dam Name: _____ Breed: _____

Picture of Animal #1 for Identification Purposes

IV. Growth and Development Record for Animal #1
Continued from page 6

Weigh your beef breeding animal at least once a month. Plot the weight by making a dot at the nearest weight. Write in the actual 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.



**IV. Reproduction Record for Animal #1, this section is only for Heifers or Cows
Continued from Page 7**

Tracking estrus can begin before the animal is ready to be bred. Recording the dates will assist in preparation for a timely successful breeding.

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 H	Weight of Calf:
Date Rebred:	

IV. ANIMAL #2 INFORMATION*

Must be completed on each animal by Fair Record Book check in date. Complete each line with as much information as possible. If information is not available, record "NA" for not applicable.

Circle One: Heifer Cow

Name: _____ Purchased From: _____

Breed: _____ Date of Purchase: _____

Ear Tag/ Tattoo: _____ Date of Birth: _____ Registration Number: _____

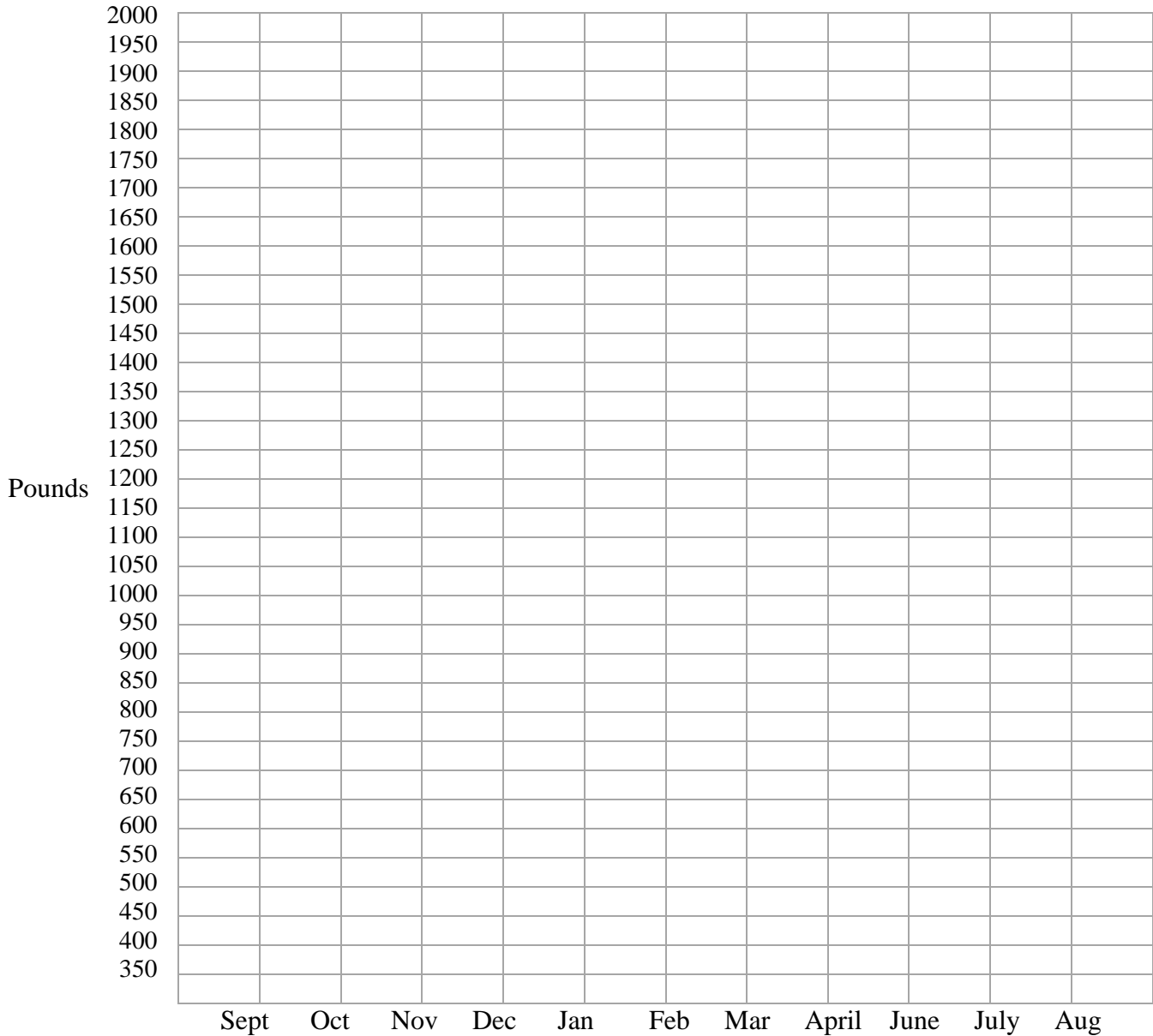
Sire Name: _____ Breed: _____

Dam Name: _____ Breed: _____

Picture of Animal #2 for Identification Purposes

IV. Growth and Development Record for Animal #2
Continued from page 9

Weigh your beef breeding animal at least once a month. Plot the weight by making a dot at the nearest weight. Write in the actual 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.



**IV. Reproduction Record for Animal #2, this section is only for Heifers or Cows
Continued from Page 10**

Tracking estrus can begin before the animal is ready to be bred. Recording the dates will assist in preparation for a timely successful breeding.

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 H	Weight of Calf:
Date Rebred:	

IV. ANIMAL #3 INFORMATION*

Must be completed on each animal by Fair Record Book check in date. Complete each line with as much information as possible. If information is not available, record "NA" for not applicable.

Circle One: Heifer Cow

Name: _____ Purchased From: _____

Breed: _____ Date of Purchase: _____

Ear Tag/ Tattoo: _____ Date of Birth: _____ Registration Number: _____

Sire Name: _____ Breed: _____

Dam Name: _____ Breed: _____

Picture of Animal #3 for Identification Purposes

IV. Growth and Development Record for Animal #3
Continued from page 12

Weigh your beef breeding animal at least once a month. Plot the weight by making a dot at the nearest weight. Write in the actual 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.



**IV. Reproduction Record for Animal #3, this section is only for Heifers or Cows
Continued from Page 13**

Tracking estrus can begin before the animal is ready to be bred. Recording the dates will assist in preparation for a timely successful breeding.

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 H	Weight of Calf:
Date Rebred:	

V. NON-FEED EXPENSES * (must be completed by Fair Record Book check in date)

List (non-feed expenses) everything that you spent money on that you will **NOT** have at the end of the project, or that you could run out of. 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. **Items that can be reused in the future (such as tools) should be listed on the Project Inventory page (page 4) only.**

Date	Description	Paid to	Total Cost
Total Non-Feed Cost			

VI. FEED EXPENSES * (must be completed by Fair Record Book check in date)

List all feed expenses on pages 16 & 17. Each feed purchase should be listed separately or monthly. Be sure to always include the feed weight. **All hay expenses are to be recorded on page 18. Please total pages 16 & 17 at the bottom of page 17.**

Date	Description	Paid To	Pounds	Total Cost
Page Total – Pounds of Feed				
Page Total – Feed Cost				

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

List all feed expenses on pages 16 & 17. Each feed purchase should be listed separately or monthly. Be sure to always include the feed weight. **All hay expenses are to be recorded on page 18.**

Date	Description	Paid To	Pounds	Total Cost
Page Total – Pounds of Feed				
Page Total – Feed Cost				

Total Pounds of Feed page 16 _____ **Total Feed Cost page 16 \$** _____
Total Pounds of Feed page 17 _____ **Total Feed Cost page 17 \$** _____
Total Pounds of Feed = _____ **Total Feed Cost** = \$ _____

VII. HAY EXPENSES * (must be completed by Fair Record Book check in date)

List all hay expenses on this page. Each hay purchase should be listed separately or monthly. (This is hay that is eaten, not used for bedding. Bedding is listed on page 15 under Non-Feed expenses)

If the animal(s) were kept in a pasture for forage, record this as a note in this section. Do not forget to include the purchase of hay that was fed at the fair.

Date	Description	Paid To	Quantity	Total Cost
Page Total – Hay Cost				

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.** Please include any calves born to your animals that you sold in this section as well. () Check here if you did not sell any project animals. **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
Total Sponsor Income	

X. OTHER INCOME – SHOW PREMIUMS

Other project income should be recorded here, such as each show premium or other money earned. Keep in mind, every animal exhibited at the county fair receives monetary premiums that should be recorded in this section. Be sure to identify the animal. **If you have no other income from this project, THEN ENTER ZERO.**

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

XI. CALVING RECORD

List all calves born to your project animal(s). Record the income received from the sale of any calves born during this project year on page 19 Section VIII “Animals Sold.”

IF NONE, ENTER ZERO.

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

XII. HEALTH & VETERINARY RECORD * (must be completed by Fair Record Book check in date)

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 did not require any health related activities throughout the project, please make a note of it.** **Every animal should have at least deworming and vaccination entries.** **Be sure to record withdrawal times and kind of withdrawal- meat or milk from the product label.**

Date	Animal # and Description of activity	Product used	Dosage	Withdrawal Time	Milk or Slaughter

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 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.

INCOME		Section Total	Grand Total
1	Income – Animal(s) Sold (<i>page 19, Sec. VIII</i>)		
2	Sponsor Income (<i>page 19, Sec. IX</i>)		
3	Other Income – Show Premiums & Receipts (<i>page 20, Sec. X</i>)		
5	TOTAL INCOME (<i>Add Lines 1 + 2 + 3</i>)		
EXPENSES			
6*	Total Depreciation (<i>page 4, Sec. II</i>) ONLY SENIORS COMPLETE THIS LINE		
7*	Total Non-Feed Expenses (<i>page 15, Sec. V</i>)		
8*	Total Feed Expenses (<i>page 17, Sec. VI</i>)		
9*	Total Hay Expenses (<i>page 18, Sec. VII</i>)		
10*	TOTAL EXPENSES (<i>Add Lines 6 + 7 + 8 + 9</i>)		
SUMMARY			
11	FINAL PROFIT/LOSS (<i>Subtract Line 5 from Line 10</i>)		
ASSETS			
12*	Value of Project Assets (<i>page 4, Sec. II</i>) ONLY SENIORS COMPLETE THIS LINE		
13*	Value at end of project (<i>page 5, Sec. III</i>)		
14	Total Assets (<i>Add Lines 12 + 13</i>) ONLY SENIORS COMPLETE THIS LINE		

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

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. Captions should be in complete sentences. The pictures and captions should complement 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. Limit the number of pictures of your project animal(s) without you in the picture demonstrating something to 2 pictures.** 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...

Date	Project Event or Accomplishment

XVI. PROJECT ESSAY * (must be up to date for the Fair Care and Feed Book check in date)

Your essay may be hand written or typed (See page 2 for instruction for writing or typing and for the required length of your essay for your age). Your essay should be about your project from beginning to end. Be creative, use examples, use interesting facts or statistics, share your experiences, and build strong images by using descriptive words. **BE SURE TO REVISIT AND FINISH YOUR ESSAY AFTER THE FAIR and include what happened at the fair.** Your grammar, spelling, and neatness will be evaluated. If you type your essay or write it on a separate paper, **DO NOT TAPE THE STORY TO THE PAGES, USE A HOLE PUNCH AND INSERT THE PAGES.** Write a note on this page to "SEE ATTACHED."

Essay Continued:

PROJECT TERMS AND EXPLANATIONS

NOTES AND EXAMPLES FOR PROJECT INVENTORY (page 4)

- **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 first got it? (If you did not purchase this item and it was given to you, what was its value?)
- **Value at Beginning of Project Year** – If you bought the item this 4-H project year, this number would be the same as the “Purchase Cost or Value”. If you had this item last project year, use the “Value at End of Project” from last year’s record book.
- **Depreciation of 10%** - Each year your items will “depreciate” (lose value) by 10% of the original purchase cost. For new items, estimate 10% depreciation even if you have had the item for less than a year (ex: purchased in November of the 4-H year and it is now January).
- **Value at the End of the Project** - This is the value at the beginning of the project year minus the depreciation.

Examples:

Items Description	Date Acquired	Purchase Cost or Value	Value at beginning of project year	Depreciation (10% of purchase cost)	Value at end of project
Rope	Purchased 4 years ago	\$10.00	(Value at end of last year’s project/had already depreciated 10% for 3 years) \$7.00	(\$10 x 0.10) \$1.00	(\$7 - \$1) \$6.00
Comb	Purchased 3 years ago	\$20.00	(Value at end of last year’s project/had already depreciated 10% for 2 years) \$16.00	(\$20 x 0.10) \$2.00	(\$16 - \$2) \$14.00
Brush	Purchased at the beginning of last year’s project	\$5.60	(Value at end of last year’s project/had already depreciated 10% for 1 year) \$5.04	(\$5.60 x 0.10) \$0.56	(\$5.04 - \$0.56) \$4.48
Bucket	Purchased this project year	\$9.10	(No Previous Depreciation) \$9.10	\$0.91	(\$9.10 - \$0.91) \$8.19
Total Depreciation*				\$4.47	
Value of Project Assets					\$32.67

*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 Member Record Book are tabbed and labeled	5
Care & Feed Cover Sheet	All information and signatures (page 1)	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 6-14)	10
V	Non-Feed Expenses (page 15)	8
VI & VII	Feed Expenses (pages 16 & 17) & Hay Expenses (page 18)	10
VIII, IX & X	Income (Animal/s Sold), Sponsor Income & Other Income (pages 19 & 20)	4
XI	Calving Record (page 21)	2
XII	Health & Veterinary Record (pages 22)	6
XIII	Project Financial Summary (page 23)	10
XIV	Pictures (pages 24, 25 & 26)	10
XV	Project Highlights (page 27)	6
XVI	Project Story/Essay (pages 28-30)	40
Overall Story	Overall Story (This story is not found in this book. It is part of the finished 4-H Member Record Book. See “How To” Guide)	45
	Neatness, Accuracy, Grammar, & Spelling	6
	Total Points	200

Ribbon Awards

Blue	90% - 100%
Red	80% - 89%
White	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.

Revised by Alexandra Draper, 4-H Youth Development Extension Agent, University of Florida/IFAS Extension - Manatee County, August 2022.

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.

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