

MANATEE COUNTY 4-H RECORD BOOK DAIRY CATTLE PROJECT

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

4-H Age Division (Circle One):	Junior (8-10)	Intermediate (11-13)) Senior (14-18)
Name		Age (on Septer	nber 1, 2023)
4-H Club		ars in 4-H Yes	ars in Project
Date You Started this Book Month I		te You Finished this Bo	Month Day Year
I certify that I have personally been responsible on this project, and I have personally con			e personally kept records
Youth Member Initials for Fair	Final Signature		Final Date
I (the 4-H member's parent/guardian) cer reviewed it for completeness and accuracy Parent/Guardian Initials for Fair	y of reporting.		
I (the 4-H member's Club Leader) certify this Record Book for completeness and ac	•	^c	Club. I have reviewed
4-H Leader Initials for Fair Fin	al Signature		Final Date
Note: The Manatee County Fair requires that submits a registration for at the Manatee Cou must still submit a Care and Feed Record Bo participate in the next year's Manatee County	nty Fair. Even if the ye ok. If you do not turn	outh doesn't show at the fair o	r complete the project, they

An Equal Opportunity Institution. 4-H is the nation's largest youth development organization. Over 230,000 members in the State of Florida help to make up the community of more than 6.5 million young people across America. 4-H is a non-formal, practical educational program for youth. Florida 4-H is the youth development program of Florida Cooperative Extension, a part of the University of Florida/IFAS.

Purpose

The purpose of the 4-H Dairy Cattle Project is to:

- To become aware of the scope and economic significance of the dairy industry.
- To acquire skills in dairy production through ownership and the care of dairy animals.
- Learn and practice principles of cleanliness and sanitation as applied to the production and care of dairy products.
- To understand the business aspects and economics of purchasing animals, feeds, facilities, and equipment for a dairy project.
- Develop integrity, sportsmanship, and cooperation.
- Develop leadership abilities, build character, and assume citizenship responsibilities.

4-H Dairy Cattle Record Book Guidelines:

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

- Your Record Book should start with the **purchase date of your animal or September 1st of the current 4-H year.**
- Section 1 and 2 must be completed at the beginning of your project. Complete the other sections throughout the 4-H year, do not wait until the end of the year to start your book.
- Your Care and Feed Record Book should contain information relating only to your current project animal.
- Do not use ditto marks anywhere in this book.
- Always double-check your work, especially your math calculations. Have someone check your Project Essay for spelling and grammar before writing it in your final copy.
- Your Record Book must be handwritten or typed <u>BY YOU, THE 4-H MEMBER.</u> Juniors may use pencil or pen (blue or black ink), Intermediates & Seniors must use pen (blue or black ink).
- Your project Essay may be hand written or typed. If it is typed, it must be printed on 8 ½ X 11, single-sided paper, in a 12-point font, double-spaced, hole punched 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".
 - 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.
- All sections must be completed, or an indication must be made that the section does not apply to your project.
- All Signature/Initial lines must be hand signed. Electronic signatures will not be accepted. Pages with an initial line must be initialed by the youth or the work will not be considered for grading by 4-H.

Section I: PROJECT AGREEMENT

Dairy Cattle Project Agreement

(To be completed at the beginning of project)

The youth is responsible for caring for their animal, which will include feeding, basic health care, providing fresh and clean water, providing proper housing, and grooming the animal(s). The youth will use this project as an educational tool to learn skills needed in the livestock industry. This project will also help the youth to accept success and failure as a learning experience. The youth will keep accurate records on their project animal(s).

I accept	these	res	oonsib	ilities	\$											
-		-				Me	embe	er S	igna	atur	re			[Date	
-	.,						~									

The parent/guardian is responsible for providing financial help, if needed, along with assistance and encouragement while the youth is raising their animal(s).

I accept these responsibilities _

Signature of Parent/Guardian/Caretaker

Date

Drug Statement

I hereby certify that any medication, antibiotic, or biological residue, which may have been administered by myself, or any other person, was done so in strict compliance with the manufacturers' label requirements.

Member's Signature:	 Date:
Parent/Guardian's Signature: _	 Date:

Section II: PROJECT PLANS AND GOALS

(To be completed, signed, and dated at the beginning of project)

What do you plan to learn or accomplish this year?

Choose at least 2 goals that are obtainable and relevant. Examples of project goals might include: learn how to groom my animal, complete my record book to the best of my ability, exhibit my animal at the County Fair and/or other shows, attempt to make a profit on my animals when sold.

Member's Signature: _____ Date: _____ What has your leader agreed to help you with this year? Leader's Signature: Date: _____ How will your parent(s)/guardian(s) help you with your project this year? Parent/Guardian Signature: _____ Date: _____

Section III: PROJECT INVENTORY

(Section must be completed by County Fair Check In)

List all equipment and assets you had at the beginning of the project first. After listing existing inventory, you should also list those items you purchased this year that you will keep after the project is finished. Inventory examples include clippers, blowers, chutes, tack, feed pans, etc. DO NOT list expendable items such as bedding or shampoo. *If you need an additional page* to complete your inventory, copy this page and write "see next page" at the bottom. Then, put the totals from both pages at the bottom of the second page.

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. Senior 4-H members are required to calculate depreciation of their inventory.

(A)	(B)	(C)	(D)	(E)	(F)
Item Description	Date Acquired	Purchase Cost	Value at Beginning of	Depreciation (10% of	Value at end of Project
	Acquired	0031	Project	Column C)	(Column D-E)
			(Seniors Only)	(Seniors Only)	(Seniors Only)
Seniors Only: Total Depreciation (Depre					
Seniors Only:					
Value of Project Assets a					

See Page 34 for a sample with terms, definitions, and instructions for calculating depreciation.

Section IV: PROJECT ANIMAL INVENTORY

(Section must be completed by County Fair 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 during the year should also be recorded under **INCOME**-**Animals Sold**. *Animals sold should have a \$0.00 Value at End of Project for this page.*

***Beginning Value** is the value of an animal at the beginning of the project. This could be the purchase cost for animals, or the value at birth for any animals gifted to you or born during your project.

** 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 ID (Tag/Tattoo)	Breed	Sex	Date Born	Date Acquired	*Beginning Value	**Value at End of Project	Status (sold, kept, died, etc.)
Total Value a							
Total Value at End/Value of Animal Assets							

Section V: ANIMAL PEDIGREE

(Section must be completed by County Fair Check In)

Complete each line with as much information as possible. If information is not available, record "NA" for not applicable. If you have more than 4 animals, copy this page to add additional pedigrees.

Animal #1 – Name and Tag #			
			
Sire	D N	Paternal Grandsire	Reg. No.
Name	Reg. No.	Paternal Granddam	Reg. No.
		Faternal Granudani	reg. 110.
Dam		Maternal Grandsire	Reg. No.
Name	Reg. No.		
		Maternal Granddam	Reg. No.
Animal #2 Name and Tag #			
Animal #2 – Name and Tag #			_
Sire		Paternal Grandsire	Reg. No.
Name	Reg. No.		
	-	Paternal Granddam	Reg. No.
2			
Dam Name	Reg. No.	Maternal Grandsire	Reg. No.
Name	Reg. NO.	Maternal Granddam	Reg. No.
Animal #3 – Name and Tag #			
			—
Sire		Paternal Grandsire	Reg. No.
Name	Reg. No.		
		Paternal Granddam	Reg. No.
Dam		Maternal Grandsire	Reg. No.
Name	Reg. No.		
		Maternal Granddam	Reg. No.
Animal #4 – Name and Tag #			_
Circ.		Determed Correctation	
Sire Name	Reg. No.	Paternal Grandsire	Reg. No.
Name	Neg. 110.	Paternal Granddam	Reg. No.
Dam		Maternal Grandsire	Reg. No.
Name	Reg. No.		

Section VI: NON-FEED EXPENSES

(Section must be up to date at County Fair Check In)

List everything that you bought throughout the project year, except equipment that you will keep at the end of the project year. Items that will be kept should be listed in Project Inventory. Non-feed expenses include entry fees, exhibitor passes, shampoo, veterinary expenses, health papers, bedding, deworming items, hoof trimming, printing of pictures, and postage costs, etc. This does NOT include feed.

List items (such as tools) that can be reused in the future in Project Inventory (Section III, page 5).

Date	Description	Paid to	Total Cost

Total Non-Feed Expenses: \$ _____

Section VII: FEED EXPENSES

(Section must be up to date at County Fair Check In)

List all feed and supplement expenses on page 9 & 10. 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 11.

Date	Description	Paid To	Weight in Pounds (lbs)	Total Cost
Page 9 - Tot	al Weight and Total Cost			

Section VII: FEED EXPENSES, Continued

(Section must be up to date at County Fair Check In)

List all feed and supplement expenses on page 9 & 10. 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 11.

		Weight in Pounds (lbs)	L
Page 10 - Total W	eight and Total Cost		

Section VIII: HAY EXPENSES

(Section must be up to date at County Fair Check In)

List all hay expenses on this page. Each hay purchase should be listed separately or monthly. (This is hay that is eaten, not straw bedding. Bedding is listed in Section VI: Non-Feed Expenses.

Date	Description	Paid To	Weight in Pounds (lbs)	Total Cost
Page 11 - To	tal Weight and Total Cost			

Total Pounds of Feed page 9Total Pounds of Feed page 10Total Pounds of Hay page 11Total Pounds of Feed & Hay

_		
+_		
+		
=		

Total Feed Cost page 9	\$	
Total Feed Cost page 10	+\$	
Total Hay Cost page 11	+\$	
Total Feed & Hay Cost	= \$	

Section IX: RATION RECORD

(Section must be up to date at County Fair Check In)

Entries should be made at the beginning of your project and each time you make a change in your animal's ration. If you change the type of feed, the amount of feed per day, or add a supplement, enter that data. If you do not make any changes in your ration pattern, indicate "no changes made". List all feed and supplement amounts on this page (list each change separately)

				Nutritional Value of Feed			
Date	Animal ID	Name of Feed/Supplement	Pounds Fed Per Day	Protein %	Fat %	Fiber %	
			· · · ·				

Section X: HEALTH AND VETERINARY RECORD

(Section must be up to date at County Fair Check In)

This should include a record of any health-related activities (deworming, vaccination, dehorning, tattooing, hoof trimming 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. 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 #	Description of Activity/Reason for Treatment/Product Used	Dosage	Milk/Meat Withdrawal Time

Section XI: MILK PRODUCTION RECORD

(Section must be up to date at County Fair Check In)

List the average monthly amount of milk produced (in pounds) by each animal. Record the income received from milk sales if you receive a milk check. If your animal is housed at a dairy, contact that dairy for monthly production records. If you exchange milk for housing/care with the dairy, you should still record the milk produced but indicate below that you do not receive income from milk produced by your cow(s). If your animals are not lactating enter zero.

	Animal # 1	Animal #2	Animal #3	Animal #4	Total
September					
October					
November					
December					
January					
February					
March					
April					
May					
June					
July					
August					
Yearly Total					

Income from Sale of Milk \$_____

I do not receive income for milk produced by my cow(s) \Box

Section XII: GROWTH AND DEVELOPMENT RECORD

(Section must be up to date at County Fair Check In)

- 1. Measure heart girth and height at withers of your animal at one-month intervals.
- 2. Record this information in the tables on pages 15-16 for each animal.
- 3. Use the conversion table on page 17 to convert heart girth measurements into approximate weight measurements. Record these in the tables on pages 15-16.
- 4. Add a photo of each animal for identification purposes below each table.
- 5. Plot the height and weight for each animal on the charts on page 18 & 19. Use a different colored pencils for each animal when putting more than one animal on the chart. Be sure to label which color is which animal at the bottom of page 18 & 19.

Animal # 1					Animal #	2			
	Age in	Height at	Heart	Weight		Age in	Height at	Heart	Weight
	Months	Withers	Girth	(pounds)		Months	Withers	Girth	(pounds)
Sept					Sept				
Oct					Oct				
Nov					Nov				
Dec					Dec				
Jan					Jan				
Feb					Feb				
Mar					Mar				
Apr					Apr				
May					May				
June					June				
July					July				
Aug					Aug				

Place picture of animal one below:

Place picture of animal two below:

Section XII: GROWTH AND DEVELOPMENT RECORD - Continued

(Section must be up to date at County Fair Check In)

- 1. Measure heart girth and height at withers of your animal at one-month intervals.
- 2. Record this information in the tables on pages 16-17 for each animal.
- 3. Use the conversion table on page 18 to convert heart girth measurements into approximate weight measurements. Record these in the tables on pages 16-17.
- 4. Add a photo of each animal for identification purposes below each table.
- 5. Plot the height and weight for each animal on the charts on page 18 & 19. Use a different colored pencils for each animal when putting more than one animal on the chart. Be sure to label which color is which animal at the bottom of page 18 & 19.

Animal # 3						Animal #	4		
	Age in	Height at	Heart	Weight		Age in	Height at	Heart	Weight
	Months	Withers	Girth	(pounds)		Months	Withers	Girth	(pounds)
Sept					Sept				
Oct					Oct				
Nov					Nov				
Dec					Dec				
Jan					Jan				
Feb					Feb				
Mar					Mar				
Apr					Apr				
May					May				
June					June				
July					July				
Aug					Aug				

Place picture of animal three below:

Place picture of animal four below:

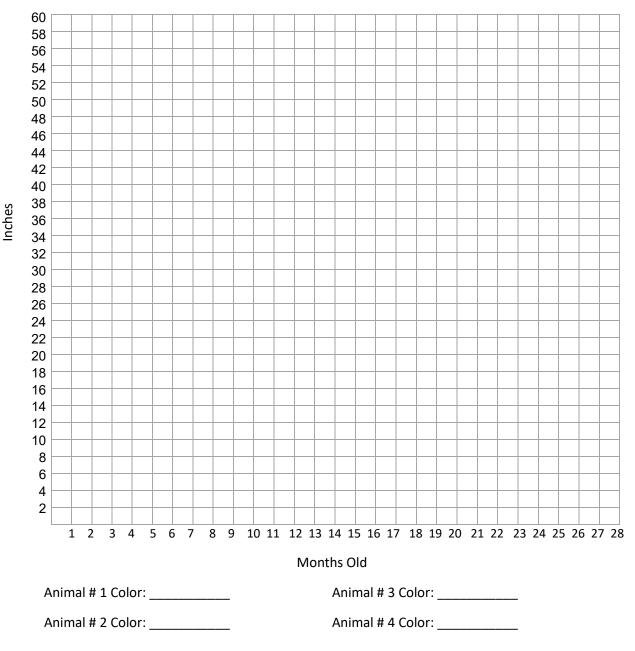
TAPE WEIGHT TABLE FOR DAIRY CATTL	Ε
-----------------------------------	---

Holstein & B	Holstein & Brown Swiss		& Ayrshire	Jersey		
Heart Girth	Weight	Heart Girth	Weight	Heart Girth	Weight	
(Inches)	(Pounds)	(Inches)	(Pounds)	(Inches)	(Pounds)	
31	96	27	69	26	53	
32	104	29	77	27	57	
34	125	31	91	29	69	
35	136	32	100	30	77	
37	163	34	124	31	87	
38	177	35	136	32	98	
40	209	36	150	33	110	
42	243	38	177	35	136	
44	278	40	208	37	163	
45	297	41	223	39	192	
47	335	43	257	41	222	
48	356	44	273	42	238	
50	396	46	307	44	269	
51	420	47	327	45	286	
53	463	49	365	47	319	
54	487	50	384	48	336	
55	510	51	405	50	372	
56	535	52	426	51	393	
57	562	53	449	52	413	
59	614	55	495	53	433	
61	670	56	514	55	480	
62	697	57	546	56	504	
63	730	59	599	57	531	
64	761	60	625	58	555	
65	792	61	655	59	589	
66	830	62	685	60	615	
67	861	63	717	61	640	
69	930	64	748	62	671	
70	965	65	780	63	705	
71	1003	66	815	64	736	
72	1041	67	849	65	770	
73	1080	68	882	66	804	
74	1121	69	917			
75	1158	70	949			

Section XII: GROWTH AND DEVELOPMENT RECORD - Continued

(Section must be up to date at County Fair Check In)

- 1. Plot the height measurements from pages 15-16 for each animal below. For example, if at the start of your project Animal # 1 was 2 months old and 30 inches tall, put a dot where 2 months and 30 inches meet.
- 2. Repeat the procedure for every month you measured your animal's height during your project.
- 3. Use a different colored pencil to represent each animal in your project.
- 4. If any of your animals are older than 28 months, indicate this below the chart on this page.

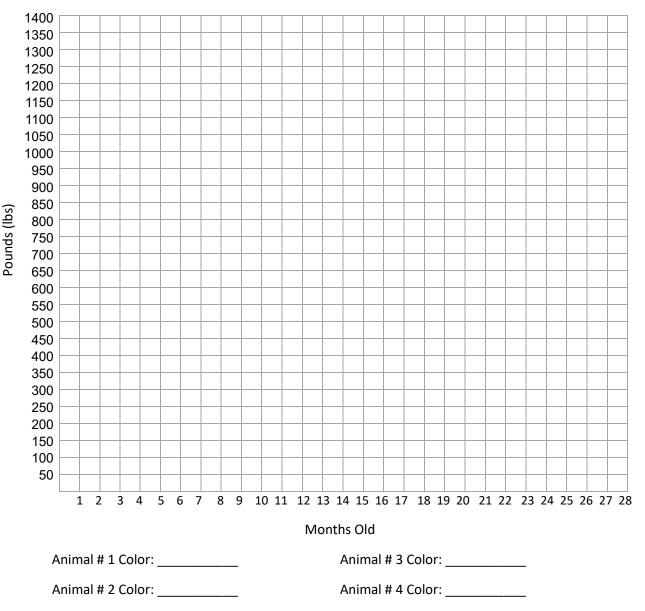


HEIGHT AT WITHERS

Section XII: GROWTH AND DEVELOPMENT RECORD - Continued

(Section must be up to date at County Fair Check In)

- 1. Plot the weight measurements from pages 16-17 for each animal below. For example, if at the start of your project Animal # 1 was 6 months old and 400 pounds, put a dot where 6 months and 400 pounds meet.
- 2. Repeat the procedure for every month you measured your animal's weight during your project.
- 3. Use a different colored pencil to represent each animal in your project.
- 4. *If any of your animals are older than 28 months*, indicate this below the chart on this page.



WEIGHT

Section XIII: CALVING RECORD

(Section must be up to date at County Fair Check In)

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 20 Section XIV "Animals Sold."

IF NONE, ENTER ZERO.

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

Section XIV: INCOME – ANIMALS SOLD

(Complete all that you can by County Fair Record Book Check In)

Please include any calves born to your animals that you sold in this section as well.

□ CHECK HERE IF YOU DID NOT SELL YOUR PROJECT ANIMAL, THEN ENTER ZERO.

Date	Description (Breed, ID# if any)	Purchased By	Age	Total Price

Total Income from Animals Sold: \$ _____

MANATEE COUNTY 4-H RECORD BOOK: DAIRY CATTLE PROJECT

Section XV: SPONSOR INCOME

(Section must be up to date at County Fair Check In)

You should record any money given to you, to support your project, by sponsors, farmers or an individual here. Example: Leased animals that the owner provides feed for at no expense to you. Also, if someone buys feed or hay for your animal, or if someone else (a farm or an individual) pays for expenses. You should be able to ask what it costs per day per animal. Multiply the number of days by the cost per day to get a total. **See page 34 for example.**

If you have no sponsor income from this project, THEN ENTER ZERO.

Date	Description (Sponsorship/show/contest/placing and/or ribbon)	Total

Total Other Income: \$ _____

Section XVI: OTHER INCOME – SHOW PREMIUMS, ETC.

(Section must be up to date at County Fair Check In)

Other project income should be recorded here, such as each show premium (ribbon money), or other money earned from *this project*. Keep in mind, every animal exhibited at the county fair receives monetary premiums that should be recorded in this section.

If you have no other income from this project, THEN ENTER ZERO.

Date	Description (Sponsorship/show/contest/placing and/or ribbon)	Total

Total Other Income: \$ _____

MANATEE COUNTY 4-H RECORD BOOK: DAIRY CATTLE PROJECT

Section XVII: EDUCATIONAL WORKSHOPS/CLINICS/SELF-GUIDED LEARNING

(Section must be up to date at County Fair Check In)

Record any educational workshops, clinics, or seminars you attended related to your project this year. Attending an Ethics Workshop, Showmanship Clinic, or record book workshop could all be recorded here. You may also document any self-guided learning activities you did, such as reading a animal-care book or watching a showmanship tutorial online.

Date	Educational Activities I Did Related to my Project This Year	Time Spent

Section XVIII: PROJECT FINANCIAL SUMMARY

(Section must be up to date at County Fair Check In)

This section is to help you recognize the cost involved in caring for and maintaining your animal, and to determine if you made a profit in raising and selling your animal. The primary goal is to be honest about the figures regardless of the financial outcome. Financial outcomes do not reflect the enjoyment and skills you learned from the project experience---these can be priceless and will always profit you in life!

If your project will continue past the County Fair, fill in the areas with a * in PENCIL for Fair check-in based on what you have done in your project so far. At the end of your project, rewrite your final totals in PEN before you turn your book in to 4-H for judging. Juniors may write their final totals in pencil.

Row	Income	Section Total	Grand Total
1	INCOME – ANIMALS SOLD		
	(total from Section XIV, Page 20)		
2	MILK SALES		
	(total from Section XI, Page 14)		
3	SPONSOR INCOME		
	(total from Section XV, Page 21)		
4	OTHER INCOME		
	(total from Section XVI, Page 21)		
5	TOTAL INCOME		
	(Row 1 + Row 2 + Row 3 + Row 4)		
	Expenses		
6 *	TOTAL DEPRECIATION (only seniors complete this line)		
	(total from Section III, Page 5)		
7 *	TOTAL NON FEED EXPENSES		
	(total from Section VI, Page 8)		
8 *	TOTAL FEED/HAY EXPENSES		
	(total cost from Section VII, Page 11)		
9 *	TOTAL EXPENSES		
	(Row 6 + Row 7 + Row 8)		
	Change in Animal Inventory		
10	VALUE AT END		
	(total from Section IV, Page 6)		
11 *	VALUE AT BEGINNING		
	(total from Section IV, Page 6)		
12	NET CHANGE IN VALUE OF ANIMAL INVENTORY		
	(Row 10 - Row 11) ** This may be a negative number		
	Financial Summary		
13	FINAL PROFIT/LOSS		
	(Row 5 – Row 9 + Row 12)		
14	VALUE OF ANIMAL ASSETS		
	(total from Section IV, Page 6)		
15	VALUE OF PROJECT ASSETS (only seniors complete		
	this line) (total from Section III, Page 5)		
16	TOTAL ASSETS (only seniors complete this line)		
	(Row 14 + Row 15)		

MANATEE COUNTY 4-H RECORD BOOK: DAIRY CATTLE PROJECT

Section XIX: PROJECT PICTURES

(You should have at least 5 pictures by County Fair Check In)

Use a minimum of 8 pictures to tell the story of your dairy cattle project. Under each picture, write a caption to explain what you are doing and why. Captions should be in complete sentences Your photos should demonstrate at least 4 (four) different skills that you have learned. The pictures and captions should complement your project essay. Make sure to check your spelling and grammar.

Limit the number of pictures of you just posing with your animal to two (2) pictures. Limit the number of pictures of your project animal(s) without you in the picture demonstrating something to two (2).

DO NOT COVER UP THE DIRECTIONS

Section XIX: PROJECT PICTURES CONTINUED

Section XIX: PROJECT PICTURES CONTINUED

Section XIX: PROJECT PICTURES CONTINUED

Create a story of your project from beginning to end. Use your experiences, interesting facts or statistics, and examples to help you develop your story.

In your essay, try to answer the following questions:

- How did you start your project? (if your project animal is new, how/where did you get it, if you are showing an animal you already owned, how long have you had it?)
- How did you care for your animal?
- What new information and skills did you learn?
- What safety practices did you use in your project?
- What problems did you have? Were you able to overcome them? Why or why not?
- What were your accomplishments?
- Did you meet your goals? What plans or goals do you have for next year?
- What improvements could you make next year?
- Who helped you with your project and how did they help you?

Your essay may be handwritten or typed. For full points:

- Junior members (age 8-10) your essay must be at least one (1) page.
- Intermediate members (age 11-13) your essay must be at least two (2) pages.
- Senior members (age 14-18) your essay must be at least three (3) pages.

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**."

Be sure to revisit and finish your essay after the fair and include what happened at the fair.

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••••••••••••••••••••••••••••••••	

Scoring System

Each section of this Record Book will be scored by the judge based on the completeness and accuracy of that section. You MUST initial the bottom of each page where there is an initial line in order for that page to be counted in your final score. For sections you did not complete because they do not apply to your project, you MUST check the box stating that section does not apply to you. If the section does not apply to you, it will not affect your overall score.

Section	n Item		
Cover	Signatures	2	
Ι	Project Agreement Signatures	2	
II	Project Plans and Goals	7	
III	Project Inventory	5	
IV	Project Animal Inventory	3	
V	Animal Pedigree	2	
VI	Non-Feed-Expenses	4	
VII, VIII	Feed & Hay Expenses	5	
IX	Ration Record	2	
Х	Health and Veterinary Record	5	
XI	Milk Production Record	2	
XII	Growth and Development Record	5	
XIII	Calving Record	2	
XIV, XV & XVI	Income - Animals Sold, Sponsor Income & Other Income	3	
XVII	Educational Workshops/Clinics/Self-Guided Learning	5	
XVIII	Project Financial Summary	8	
XIX	Project Pictures	8	
XX	Project Essay	30	
	Overall Neatness, Accuracy, Grammar & Spelling	5	
	Total Possible Points for Project Record Book	105	
Overall 4-H Mer	mber Record:		
	All required sections of completed 4-H Member Record Book are	5	
	tabbed and labeled		
	Overall 4-H Report	40	
	(This report is not in this Record Book, it is a part of the Overall		
	Member Record Book graded at the end of the 4-H year for 4-H		
	Awards)		
	Total Possible Points for Member Record Book	150	
	(Project Book and Overall 4-H Report)		

Ribbon Awards

Blue: 90% - 100%

Red: 80 - 89%

White: 79% - 0%

PROJECT TERMS AND EXPLANATIONS NOTES AND EXAMPLES FOR PROJECT INVENTORY (page 5)

- **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

LEASED ANIMAL FEED AND RATION EXAMPLES

Prices and amounts of feed are ONLY examples. Be sure to get accurate info for where the animal is leased from.

FEED EXPENSES EXAMPLE

Date	Description	Paid To	Pounds	Total Cost
9-2-17	Dakin Heifer feed	C Dakin Dairy	150	\$30.00
9-4-17	Dakin Cow feed TMR	C Dakin Dairy	1800	\$202.50
10-4-17	Dakin Cow feed TMR	C Dakin Dairy	1860	\$209.25

RATION RECORD EXAMPLE

Date	Animal ID	Feed Name, & Nutrient Content	Amount Fed Pounds/Day
9-2-17	4652	Dakin Heifer feed	5
9-2-17	7296	Dakin TMR	60

SPONSOR INCOME EXAMPLE

Sponsor's Name	Total
Cameron Dakin Dairy Heifer Feed (SeptJan.)	\$282.00
Cameron Dakin Dairy Production Cow Feed (Sept. – Jan.)	\$411.75
Cameron Dakin Dairy Hay (Sept. – Jan.)	\$78.00
Cameron Dakin Health and Vaccinations (Sept. – Jan)	\$56.00
Lease Fee if any	



This document, **Manatee County 4-H Dairy Cattle Record Book**, was compiled by Alexandra Draper, 4-H Extension Agent, University of Florida/IFAS Extension - Manatee County, August 14, 2023.

Adapted from: **4-H Dairy Cattle Care and Feed Record Book**, Diana L. Smith, Ph.D., Extension 4-H Coordinator, University of Florida/IFAS Extension - Manatee County, July 2019.

Florida 4-H Dairy Project Record Book, <u>https://edis.ifas.ufl.edu/publication/4H054</u>. (Revised December, 2018).

Florida State Fair Youth Livestock General Record Book (Revised August 1, 2003).

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

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