

YOUTH BEEF HEIFER 2020- 2021 RECORD BOOK



Insert
Participant's Picture



**ALL INFORMATION PROVIDED IN THIS RECORD BOOK MUST BE FOR
THE CURRENT PROJECT YEAR**

Exhibitor's Name:

Name of Parent(s) or Guardian:

Signature of Parent(s) or Guardian:

Name of 4-H Leader or Chapter Advisor:

Signature of Leader:

Exhibitor's Mailing Address:

Date of Birth _____ **Age as of 9/1 for the project year:** _____

Grade: _____ **Year(s) in project:** _____ **Year in 4-H/FFA:** _____

Name of 4-H Club or FFA Chapter: _____

Animal's Name: _____ **Animal Tag Number:** _____



4-H MARKET ANIMAL RECORD BOOK
NOTES



Record books are due on Monday, May 3rd, 2021.

Make sure you fill-in after fair information to receive maximum points.

CHECKLIST:

4-H GREEN PROJECT COVER	
PHOTO PAGE	
PROJECT REPORT SUMMARY/ACTIVITIES INCLUDING FINANCIAL SUMMARY PAGES	
STORY	
PHOTOS	
CERTIFICATES—Leadership, Citizenship, Demo/Talk, Community Service (club level)	

I personally prepared this report and it is a true record of my 4-H project. Record books **MUST** be completed in member's handwriting.

Approval of this report

4-H Member Signature: _____ Date: _____

Parents or Guardian Signature: _____ Date: _____

4-H Leader Name: _____ Date: _____

Osceola County 4-H Project Report Score Sheet

Name: _____

Club: _____

Project Area: _____

Points Earned	Possible Points	Criteria	Expectations
Section 1: Project Plans and Goals (5 points possible)			
	5	This is what I want to accomplish this year: - Ability to set obtainable and relevant goals. - Goal should be in project area. 2 points off if not.	
Section 2: Project Overview (41 points possible)			
	9	4-H Presentations- Automatic 3 points off if one presentation is NOT in project area - A minimum of one oral presentation related to your project work. - See Expectations column to receive maximum points.	Jr. 1 demo = 9pts Int. 2 demos = 9pts Sr. 3 demos = 9pts
	4	Exhibit- Automatic 2 points off if one exhibit is NOT in project area - A minimum of one exhibit must be in your project area. - See Expectations column to receive maximum points.	Jr. 1 exhibit = 4pts Int/Sr 2 exhibits = 4pts
	8	Leadership- Automatic 2 points off if one is NOT in project area - A minimum of one leadership activity in your project area. - See Expectations column to receive maximum points.	Jr. 2 (proj.+1) = 8pts Int. 2 (proj.+1) = 8pts Sr. 4 (proj.+3) = 8pts
	8	Citizenship- - Citizenship is helping others. - See Expectations to receive maximum points.	Jr. 2 (proj.+1) = 8pts Int. 2 (proj.+1) = 8pts Sr. 4 (proj.+3) = 8pts
	12	Project Highlights – 3 points for each of the following: - Listed information and skills learned through project experiences. - Listed challenges faced when completing project work & how handled - Listed major successes/accomplishments in project. - Listed future plans/what could be done differently next time.	Jr: 1 in each area of project highlights Int./Sr.: 2 in each area of project highlights 1.5 points off if it is not listed how challenge was handled
Section 3: Project Attachments (48 points possible)			
	10	Financial Summary Page	
	24	Project Book / Activities– 4 points for each activity completed - Completed required number of activities (six) outlined in the project book as evidence of learning project skills. - Activity Forms can be submitted for an activity you completed. - Approved county level workshop certificates (with Agent signature) may be substituted as an activity. - Three points off each activity, if activity form was not submitted.	An Activity Form must be submitted if: -attended a workshop with no certificate -attended a show not put on by 4-H/KVLS -an activity was completed outside of the record book.
	10	Project Story - Story portrays experiences with project work. - Reflects on what was learned from the project experience and future plans. -See guidelines within 4-H Project Report	
	10	Project Pictures - Shows member actively engaged in learning experiences with his project (evidence of beginning, middle and end /with captions and dates). Three points are given for completion of each section. - Minimum of 3 photos and maximum of 20. - Printed photo collages are allowed.	-If more than 20 pics, automatic one point off. -If any captions or dates are missing, automatic 3 points off
	100	Total Score	

Evaluators: _____

PROJECT PLANS AND GOALS

Goals are your plans for the year. They should be specific, measurable, achievable, realistic, and timely (S.M.A.R.T.) A goal is a statement that reflects something you aim to accomplish within your project.

S=specific, M=measurable, A=achievable R= relevant, and T=timely

Please fill in the following statements about your project goals for the year.

My goal this year is:

My target finish date is:

To reach my goal, I will do these three things:

1.

2.

3.

Member Signature: _____ Date: _____

WHY KEEP RECORDS

- To have an account of all your accomplishments in one place.
- Records point out the advantages and disadvantages of projects.
- Records reflect your interest as a 4-H/FFA member.
- Records show self-improvement and service to others.
- Records show others what you have done.
- By keeping records, this will train you for future work.
- Records can qualify you for contests, awards and scholarships.

HELPFUL HINTS

- Read the whole record book through before you start. You may want to make a copy of your record book to use as a rough draft.
- Fill in the beginning inventory first.
- Keep your records up-to-date.
- If you need more pages, make them yourself and fasten them in the book.
- When items or supplies have been donated to you for use in your project, make sure to give the item or supply a value and carry the value through to the total of the section and throughout the Record Book.
- Do not include materials in the Record Book that will add “bulk” (example: various scrapbook embellishments, such as buttons, eyelets, ribbons, dimensional stickers, letters, etc.) Use only “flat” stickers, photos, etc.
- Do not confuse page numbers with section numbers.

NOTICE TO PARENTS: Parents may provide leadership and guidance for the member. However, the Record Book must be compiled and completed by the member in their own handwriting.

CURRENT YEAR: All information in this Record Book is to include those activities and events you have done this year. Do not include information that you did last year or the years before, only include current information.

NEATNESS: You can use either a pencil or pen. You may either print or use cursive writing. You may use lined or plain papers for your story and picture pages. (Make sure there are no ragged edges). If you make a mistake, erase it, or use white-out to correct pen errors. Make your records as neat as possible. **THE ONLY PAGE THAT CAN BE TYPED IS THE AUCTIONEER’S STATEMENT.**

ACTIVITIES: A total of 6 activities need to be completed. There are 6 activities in the record book that will satisfy this requirement. Certificates for interactive activities and workshops issued by the Extension Office may count toward your six required activities. It is recommended that you complete the 6 activities provided in the record book to help prepare you for Skill-A-Thon.

BEGINNING INVENTORY

This record tells you what animal and equipment you have at the start of your project. Put down prices that you paid for your equipment or the estimated value. If you showed a steer last year, the closing inventory of your project could be used as a guide for your opening inventory this year.

(1) ANIMAL

DESCRIPTION OF ANIMAL (Breed) (Sex)	Date Aquired or Born	Beginning Value	Ending Value	Was animal sold, kept, died, etc.
		\$	\$	

(2) EQUIPMENT

This is a record of what you already have when you start your project. Examples (but not limited to): shovel, bucket, feed scoop, grooming supplies, halter, show box etc. (Including the cost of your pen or barn is optional.)

DESCRIPTION OF EQUIPMENT	YEAR ITEM WAS PURCHASED	TOTAL VALUE
TOTAL VALUE OF EQUIPMENT: (2)		

(Rev. 9/2009)

BREEDING RECORD

Female Name/No. Age/Weight	Artificial Insemination Date Sire Breed & ID	Begin Pasture Exposure Date Sire Breed & ID	End Pasture Exposure Date	Calving Due Date

CALVING RECORD

Date Calved: _____

Dam: Name/No. _____ Age: _____ Weight: _____

Calf: Sex: _____ Weight: _____

Did your heifer have any calving problems? Yes: _____ No _____

If yes, describe:

EXPENSES DURING PROJECT

It is important to keep up with your expenses of your heifer project and to keep good records. Be sure to record your expenses as they occur so you don't forget.

(3) FEED EXPENSES

In this section you will list all your feed expenses (grains/mineral/etc.).

DATE	DESCRIPTION	(A) # OF BAGS	(B) lbs. per BAG	(A) X (B) lbs. of FEED	(C) \$ per BAG	(A) X (C) TOTAL COST
SUBTOTAL						
TOTALS						

**POUNDS of
FEED/MINERALS** **TOTAL FEED
EXPENSE**

(Carry totals over to next page if more room is needed)

(3) FEED EXPENSES (continued) This page only needs to be used if more space is necessary.

In this section you will list all your feed expenses (grains/mineral/etc.). Include feed through completion of project.

DATE	DESCRIPTION	(A) # OF BAGS	(B) lbs. per BAG	(A) X (B) lbs. of FEED	(C) \$ per BAG	(A) X (C) TOTAL COST
	Carry over totals from previous page					
TOTALS						

**POUNDS of
FEED/MINERAL** **TOTAL FEED
EXPENSE**

(Additional feed expense pages may be added. Make sure to have subtotals at the bottom of each page with a grand total at the bottom of the final page.)

EXPENSES DURING PROJECT

(4) HAY EXPENSES

In this section you will list all your hay expenses. Include hay through completion of your project

DATE	DESCRIPTION (what kind of hay)	(A) # OF BALES	(B) PRICE PER BALE	(A) X (B) TOTAL COST
TOTALS				

**TOTAL #
OF BALES**

TOTAL HAY EXPENSES

(5) EQUIPMENT EXPENSES

This includes any equipment items purchased beginning with the second day of your project.

DATE	DESCRIPTION	TOTAL COST
TOTAL PURCHASED EQUIPMENT EXPENSES		

(6) NON-EQUIPMENT EXPENSES

This includes any items that you spend money for other than equipment. Examples (but not limited to): stamps for letters, film/developing, bedding, soap, etc.

DATE	DESCRIPTION	TOTAL COST
TOTAL PURCHASED NON- EQUIPMENT EXPENSES		

(7) VETERINARY AND HEALTH EXPENSES

This includes any money spent for products or services related to your animal's health. Examples include, but are not limited to: veterinarian fees, implants, de-wormers, medications, fly spray, etc. When supplies, equipment, medications, etc. have been donated for use in your project, give the supply, item, medication, etc. a real value and include those values in your totals throughout the record book.

EXAMPLE ONLY:

DATE	DESCRIPTION	COST
Sept.12, 2015 (at first official weigh-in)	Ear Tag (DONATED)	\$1.00
Sept.12, 2015	Fly spray	\$4.50

TOTAL VETERINARY AND HEALTH EXPENSE \$5.50

VETERINARY AND HEALTH EXPENSES

DATE	DESCRIPTION	COST
TOTAL VETERINARY AND HEALTH EXPENSES		

CLOSING EQUIPMENT INVENTORY

(8) CLOSING INVENTORY

This record tells you what you have at the end of your project. This should include all the equipment you started the project with [(2) **EQUIPMENT**] and equipment you purchased during the project [(5) **EQUIPMENT EXPENSES**] and still have at the end of your project. [Do not include **NON-EQUIPMENT EXPENSES** from Section (6).]

DESCRIPTION OF EQUIPMENT	YEAR PURCHASED	TOTAL VALUE
TOTAL VALUE OF CLOSING INVENTORY:		

PROJECT INCOME

(9) Project income should be recorded here, such as the sale of the project animal(s), show premiums or other money earned. **If you have no income from this project prior to the show, then enter zero.**

Date	Description	Total
XXXXXXXXXX	TOTAL INCOME	

PROJECT/FINANCIAL SUMMARY

The records in this book cover my 4-H Project.

Income:

Total Income (Section 9) 1. _____

Expenses:

Total Feed Expense (Section 3 plus 4) 2. _____
Total Non-Feed Expense (Section 5 plus 6) 3. _____
Total Vet/Health Expense (Section 7) 4. _____

TOTAL EXPENSES (Lines 2 + 3 + 4) 5. _____

Change in Animal Inventory:

Value at End (Section 1) 6. _____
Value at Beginning (Section 1) 7. _____

NET CHANGE IN ANIMAL INVENTORY (Lines 6-7) 8. _____

SUMMARY:

Preliminary Profit/Loss (Line 1 - 5 + 8) 10. _____

Animal Premiums
(Complete after Fair) 11. _____

FINAL PROFIT OR LOSS (Lines 10 + 11) 12. _____

ASSETS:

Value of Project Assets (Section 8) 14. _____
Value of Animal Assets (Section 1) 15. _____

TOTAL ASSETS (Line 14 + 15) 16. _____

Presentations

List your 4-H Presentations (demonstrations and illustrated talks). This is an opportunity to tell others about your 4-H project. Some examples of places that 4-H Presentations can be done are at 4-H club meetings, County Events, District Events.

- Juniors should have at least one 4-H presentation and it should be project related.
- Intermediates should have at least two 4-H presentations and one should be project related.
- Seniors should have at least three 4-H presentations and one should be project related.
- Three points will automatically be deducted if NO presentation is listed in project area.
- **KVLS REQUIREMENTS:** One demonstration

DATE	PRESENTATION TITLE/ PROJECT AREA	LOCATION
04/30/14	Different Dog Breeds/ Dog	4-H County Events, Osceola Extension

Exhibits

Exhibits are an opportunity for you to show what you learned in your 4-H project. This may be done by exhibiting something in the fair (for example showing your animal, participating in Fashion Revue, game board, tabletop) or through a contest (for example Marine Ecology, Consumer Choices).

- Juniors must have at least one exhibit and it should be project related to receive maximum points.
- Intermediates and Seniors must have at least two exhibits and one must be project related.
- **KVLS REQUIREMENTS:** Minimum of two

DATE	SUBJECT	LOCATION
2/15/19	Table Top	Club Meeting

Leadership

Leadership is defined as any time when you teach or lead others. For example: camp counselor, club officer, show others how to groom an animal, Farm City Ambassador, etc. Keep in mind that sometimes a demonstration can be considered leadership. This is only if the audience is also doing the task at the same time. Remember, an activity can only be listed once. If it is listed as a demonstration, it cannot be listed for leadership.

- Juniors and Intermediates must have at least two leadership activities
- Seniors must have at least four.
- Two points will automatically be deducted if NO leadership is listed in project area.

Citizenship/Community Service

Citizenship is anytime you have helped others. Did you help someone out? Did you donate something? Did you help the environment? Example: helping a friend build a hog pen, help pick-up litter, and donate your old show shirt to a 4-H member.

- Juniors and Intermediates must have at least two citizenship/community service activities
- Seniors must have at least four citizenship/community service activities.
List citizenship/community experiences below; use additional page if necessary.

PROJECT HIGHLIGHTS

Project highlights are an important part of your record book. It shows what you have learned, challenges you have faced, successes and accomplishments you have had and, along with what you may do differently next time. When completing the challenges faced section, make sure you explain how you handled them. More explanation is always better.

- Juniors (ages 8-10) list a minimum of one thing learned in each category.
- Intermediates (ages 11-13) list a minimum of two things learned in each category.
- Seniors (ages 14-18) list a minimum of two things learned in each category.

List information and skills learned through project experiences:

Example:

- I learned how to properly feed my animal so that my animal makes weight at the Osceola County Fair.

List challenges faced when completing project work and how you handled them:

Example:

- One challenge I faced was breaking my animal. At first, I could not get a hold of my animal without the help of adults. After much practice and help from my dad, I was able to put a halter on my animal and lead him around.

List major successes/accomplishments in your project:

Example:

- One major accomplishment in my project was giving a demonstration at county events on my animal. I had to research and practice my speech in order to do a good job.

What I will do different next time/future plans:

Example:

- One thing that I will do differently is to begin my demonstration earlier in the year. This was the first year I did county events and I was very nervous. I could have used some more practice.

4-H Project Book/ Activities

(ONLY for 4-H Members)

Please list the six activities you completed in your 4-H project area. If activities were completed in group setting, please attach certificates with County Agent signature. There must be at least six activities—these can be within the book, activity certificates or a combination of book and activity certificates.

NEW-An Activity Form needs to be completed for:

- a workshop (if no certificate was given)
- a show that was not put on by 4-H/KVLS
- any activity completed outside of the record book

The purpose of the activity sheet is to share what you learned. A form is included.

Examples:

- Steer Parts, 10/1/18, Page 17
- Steer identification plate, 12/3/18, Activity Form and picture page 25
- Pin the parts on the hog, 1/7/19, Certificate from club leader (activity done at a club meeting)
- Goat Workshop, 11/25/18, Activity Form and certificate

Activity	Date	Page #/Certificate/Activity Wks
1.		
2.		
3.		
4.		
5.		
6.		



Osceola County 4-H Record Book Activity Form

What activity did you complete (Title)?

What did you learn?

How did this activity help you with your project? _____

HEIFER PARTS

ACTIVITY #1

Write the name of the part on the numbered lines below.

Back

Poll

Knee

Neck

Muzzle

Hock

Hearth Girth

Rearflank

Switch

Hoof

Pastern

Brisket

Hook

Rump

Belly

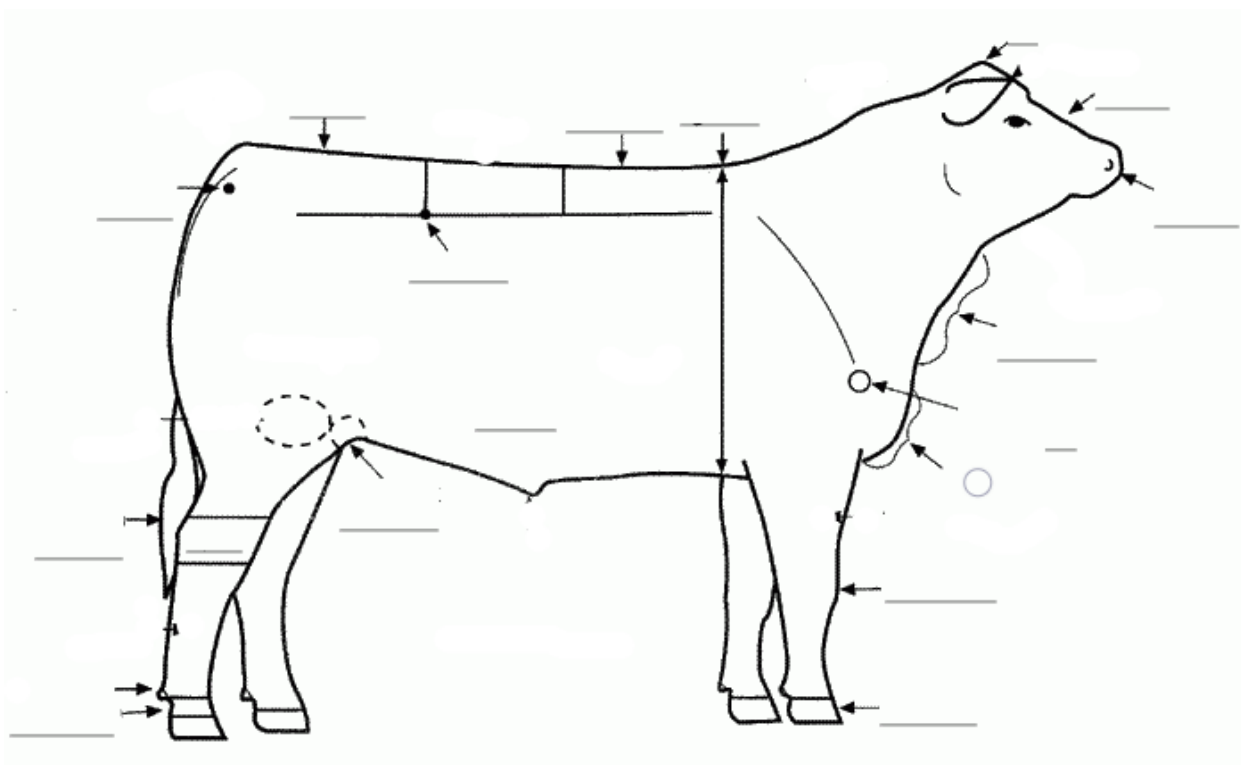
Declaw

Pin

Dewlap

Point of Shoulder

Face



HEIFER BREEDS

ACTIVITY #2

1. This breed originated in the west-central part of France. They are solid to golden-red in color.
2. This breed is big, white and pink-nosed. They were developed in France and imported to the United States from Mexico in 1936.
3. This breed was brought to the United States from England in 1783. They are noted for their good disposition and mothering and milking abilities. Color can be red, white or roan.
4. This breed originated in Scotland. They are known for their carcass quality, milking, mothering, and reproductive abilities. They are always polled with a smooth black coat.
5. This breed was developed in England and brought to the United States in 1817. They are known for their foraging ability, vigor, hardiness, and quiet dispositions. Their bodies are colored red with white faces.
6. The biggest/tallest cow. This breed was developed in Italy. Their color is white with black skin pigmentation. They are noted for their working, mothering, and beef producing abilities.
7. This breed originated from Spanish Andalusian cattle. They are known for their longevity, hardiness, strong survival instincts, and resistance to disease and parasites. They have long horns and many different color patterns.
8. This breed was developed in the United States. They were developed by crossing Brahman and Angus cattle. Foundation stock is 3/8 Brahman and 5/8 Angus. They are solid black in color and polled.
9. This breed was developed in the southwestern part of the United States. Their color ranges from light gray or red to almost black. They have a characteristic hump over the shoulders, loose skin under the throat and large drooping ears. They have a very high heat tolerance.
10. Cattle of this breed are naturally polled and some are black in color. Cows are noted for their ease of calving and good maternal ability. Other characteristics include good foraging ability on poor range, high weaning weights and excellent carcass quality that meets the current market demand.
11. The color of this breed is red and shows a Hereford color pattern. The breed is about 5/8 Hereford and 3/8 Brahman. Calves grow rapidly and attain weaning weights of 500 to 800 pounds. The breed is noted for its superior maternal ability.
12. This breed has a solid cherry red color. The breed was developed on the King Ranch in Texas. These animals are 5/8 Shorthorn and 3/8 Brahman. They are known for their growth rate, long life, and hardiness.

Match

_____ Texas Longhorn	_____ Brahman	_____ Shorthorn
_____ Brangus	_____ Charolais	_____ Chianina
_____ Aberdeen-Angus	_____ Hereford	_____ Santa Gertrudis
_____ Limousin	_____ Salers	_____ Braford

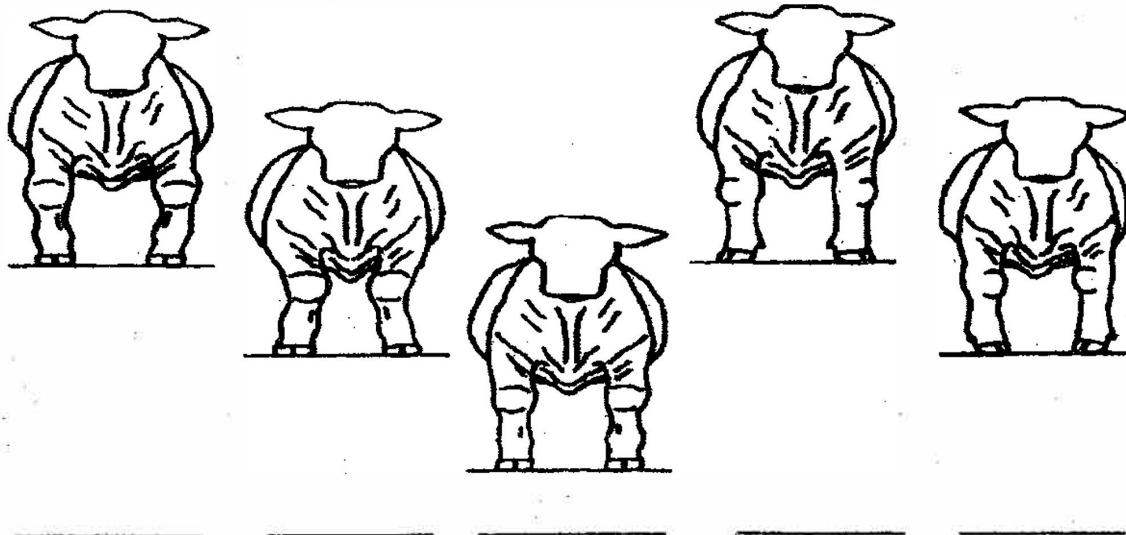
HEIFER STRUCTURAL DIFFERENCES FRONT & REAR VIEW

ACTIVITY #3

Fill in the blank with the correct FRONT LEG Alignment

CORRECT KNOCK-KNEED BOWLEGGED TOED-IN TOED-OUT

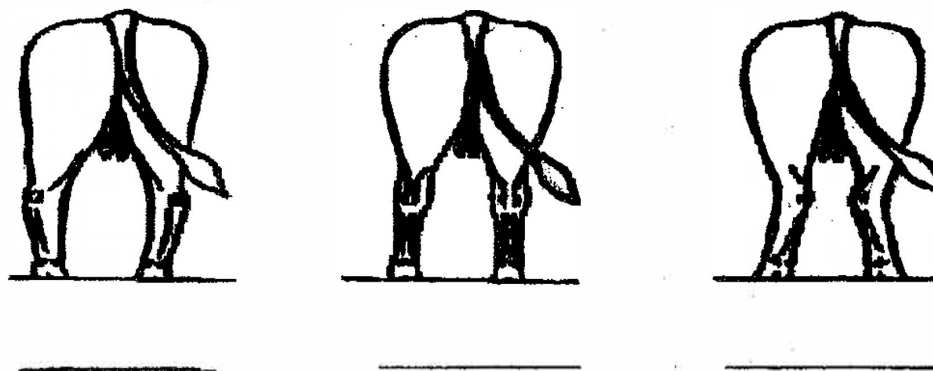
Front Leg Alignment



Fill in the blank with the correct REAR LEG Alignment

COW-HOCKED BOWLEGGED CORRECT

Rear Leg Alignment



HEIFER STRUCTURAL DIFFERENCES SIDE VIEW

ACTIVITY #3

Fill in the blank with the correct Front Leg Set

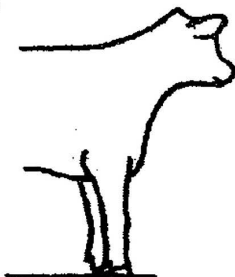
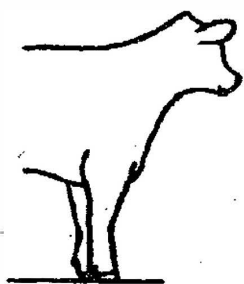
CALF-KNEED

CORRECT

WEAK PASTERNS

BUCK-KNEED

Front Leg Set



Fill in the blank with the correct Hind Leg Set

CORRECT

SICKLE-HOCKED

POST-LEGGED

Hind Leg Set



HEIFER BY-PRODUCTS

ACTIVITY #4

Draw a line to match each cattle by-products to what it is made from.

BONES/HOOVES/HORNS

Cake mixes

Tennis racket strings

FAT

Fertilizer

Makeup

Chewing gum

HIDE (HAIR & SKIN)

Boots

Paint

Insulin

Tires

INTERNAL ORGANS/ BLOOD

Candles

Paint brushes

Marshmallows

Belts

Crayons

MANURE

Soap

HEIFER WHOLESALE CUTS OF BEEF ACTIVITY #5

Enter the correct number by the corresponding cut of beef.

_____ Brisket

_____ Shank

_____ Rounds

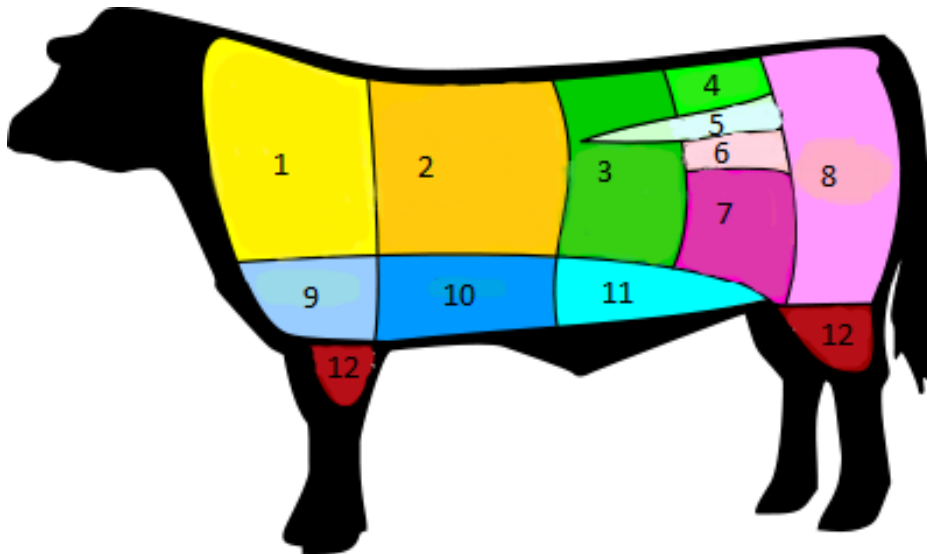
_____ Flank

_____ Tenderloin

_____ Chuck

_____ Rib

_____ Sirloin



HEIFER FEED LABEL

ACTIVITY #6

PLACE NUMBER BY THE PROPER LABEL DESCRIPTION

- _____ Feeding Directions
- _____ Ingredients
- _____ Net Weight
- _____ Manufactured by
- _____ Guaranteed Analysis
- _____ Drug Additives
- _____ Product Name and Brand Name
- _____ Crude Fiber
- _____ Crude Protein

1. _____

2. _____
(for ruminants only)

Medicated
Feed for 28 days as an aid in the
Maintenance of weight gains in the
presence of respiratory diseases
such as shipping fever.

Caution: Use only as directed.
Discontinue use 14 days
prior to slaughter.

3. _____
Chlortetracycline 7.6 grams/ton

4. _____
5. _____, not less than 12%
This includes not more than 1.00% equivalent crude
Protein from non-protein nitrogen
CRUDE FAT, not less than 2.0%

6. _____, not more than 19%

7. _____, Grain Products, roughage
products, plant protein products, processed grain by-
products, forage products, molasses products, calcium
carbonate, salt, vitamin E supplement, vitamin A
supplement, ferrous sulfate, potassium iodide,
manganese oxide, copper chloride, cobalt
glucoheptonate, vitamin D3 supplement, sodium
selenite.

RUMINANT MEAT AND BONE MEAL FREE

8. _____: Feed at the rate
of 12 pounds per head per day

9. _____
The Best Feed Company
P.O. Box 00000
Small Town, USA

Project Attachments

- Make sure you have your Photo Page (use any clear photo of yourself) as the first page of your report.
- Project Story: Create a story of some of your project experiences.
 - ✓ Tell about an enjoyable experience during this project year
 - ✓ Tell about a difficult experience this project year
 - ✓ Share what you have learned
 - ✓ Share at least one thing you will do differently next time
 - ✓ Share something unique about this project or your 4-H year
 - ✓ Share what you did after the Osceola County Fair

Your story should be long enough to cover the work you have done in this project during the 4-H year. Minimum 1 page length for Juniors, neatly handwritten or typed or minimum 2-3 pages length for Intermediates and Seniors, neatly handwritten or typed. Write on only one side of paper. Be sure to have an introduction, body and conclusion

- Project Pictures: Minimum requirement is to include three photos of your project work showing you and your project at the **beginning, middle** (work being done during your project), and **end**; include a **caption telling what you are doing in the picture and the date**. An automatic 3 points off if any captions or dates are missing. Make sure that you are in the pictures.

You must have a minimum of three (3) and a maximum of twenty (20) pictures. If not, automatic one point off. Flat stickers are acceptable, but do not include bulky scrapbooking accessories! No photo collages. No 3-D items.

You may also include pictures of you helping others in your citizenship and leadership activities. This does not count towards the limits on your numbers of photo (3 minimum, 20 maximum).

You may include club award certificates and market animal weigh-in receipts, if applicable, in this section.

CLUB MEETING LOG

Club Name

**PLEASE NOTE: YOU MUST ATTEND AT LEAST 1 (ONE) 4-H MEETING
AFTER THE FAIR**

[illegible]



“The Foundation for the Gator Nation” an Equal Opportunity Institution



Handbook revised by Brittany Justesen and Jessica Sprain, Extension
Faculty
Osceola County Cooperative Extension Service
and the University of Florida