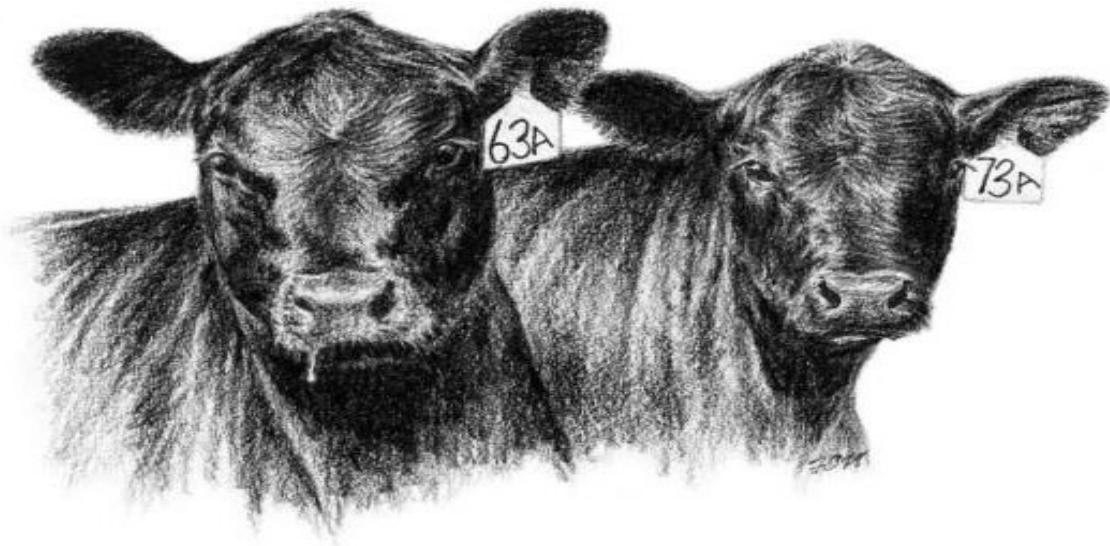


2023 Replacement Heifer Show



Texoma Exposition & Livestock Show

REPLACEMENT HEIFER RECORD BOOK

BY: _____

Replacement Heifer Record Books

Record books should be used to record all expenses relating to your replacement heifer project beginning at the first validation date and ending at the second validation, this includes the purchase cost of the heifers. The record book should be turned in to Thomas Anderson, by 7 pm, Wednesday, February 22. The record book may be typed or handwritten. Record books will not affect the final order of placing in the replacement heifer show but will count towards Junior, Intermediate and Senior.

Stockman awards. Record books will be judged by an impartial judge. Scoring will be based on the accuracy of the record keeping, organization of records, completeness of records and legibility of documentation. Record books should be returned as they were received. Additional records may be included such as receipts, vaccination or breeding records. Each student showing replacement heifers MUST turn in a record book. Record books must be signed prior to turn in.

Name: _____

4-H Club: _____

FFA Chapter: _____

Student Signature: _____

Date: _____

Final Score: _____

Stockman Award Record Sheet For:

Sr. / Int. / Jr. (Circle)

Interview with Judge	Possible 120	Actual	Interview By:
Appearance	30		Student, animals and pen
Presentation	30		Voice projection, attitude and politeness.
Knowledge of Project	30		Questions from list to study. 5 questions minimum.
Representation of heifers	30		Know your heifers and be able to discuss them. Sell them to the judge!!

Participation	Possible 20	Actual	Students Involvement
1 st Validation	10		Y/N Verified By:
2 nd Validation	10		Y/N Verified By:

Record Book	Possible 40	Actual	Judged By:
Complete Analysis	15		Analysis is complete and accurate
Daily Gain Calculation	5		Daily gain is calculated
Expenses Ledger	5		Expenses ledger completed
Weekly Activity	5		Weekly activity log shows details of project
Organized and Conforms	10		Organized, Legible and conforms to the rules.

Pen Inspection	Possible 20	Actual	Judged By:
Cleanliness and proper displays	20		Pens should be clean and kept up and all displays shall conform to show rules
Exam	50		

Total Possible Points 250	
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EXPENSE SHEET

All expenses related to your Replacement Heifer Project are to be shown on your expense sheet. Enter the date, expense item, quantity or unit, price per unit, and the total cost each time an expense is incurred. These expenses are to include the initial cost of the heifers, feed, hay, vet costs, pasture rent/ or pen rent, winter pasture, concentrates, minerals and salts. Calculate the expense for hauling each time you haul your heifers and enter the amount on the date the expense is incurred. Labor cost should be calculated for the total time spent on your project and should be entered at the end of each month. Skip one line between months.

Use the following amounts to calculate expenses for pen rent, pasture rent, winter or oat pasture, hauling cost and labor cost:

PEN RENTAL.....	\$5.00 MONTH /PER HEIFER
PASTURE RENTAL.....	\$5.00 MONTH/ PER HEIFER
WINTER WHEAT OR OAT PASTURE.....	15.00 MONTH/ PER HEIFER
HAULING COST.....	0.555 PER MILE
LABOR COST.....	7.25 PER HOUR

Example

2022 Replacement Heifer Record Book Expenses Pg. 1

Date	Expense Item	Quantity	Price/Unit	Total Cost
Aug 29	Hay Square bales from Rafter D	100	9.5	950.00
Aug 29	Textured Feed from Bear Creek Feed Store	10	14.95	149.50
Aug 29	Mileage to Rafter D and Feed Store	75	.55	42.00
Aug 29	Labor load and unload and stack hay and feed	4 hrs	7.25	29.00
Aug	Totals			1170.5
Sep 1	Heifer Purchase Braford Heifers	3	2200.00	6600.00
Sep 1	Mileage for hauling	250	.55	137.5
Sep 1	Pasture Rent	3	5.00	15.00
Sep 1	Calfhood Vaccinations	3	50	150
Sep 1	Dehorn	3	100	300
Sep 19	Hauling from home to Validation	60	.55	33.00
Sep 19	Validation pen of 3	3	10	30.00

2022 Replacement Heifer Record Book Expenses Pg. 1

Date	Expense Item	Quantity	Price/Unit	Total Cost
Page Total			\$	

2022 Replacement Heifer Record Book Expenses Pg. 2

Date	Expense Item	Quantity	Price/Unit	Total Cost
Page Total			\$	

2022 Replacement Heifer Record Book Expenses Pg. 5

Date	Expense Item	Quantity	Price/Unit	Total Cost
Page 5 Total			\$	
Page 4 Total			\$	
Page 3 Total			\$	
Page 2 Total			\$	
Page 1 Total			\$	
Total of all Expenses			\$	

Replacement Heifer Cost Analysis

Start Date (First Validation) _____

End Date (Second Validation) _____

Number of Days in Project _____

1. Number of heifers fed	
2. Total final weight of heifers	
3. Total starting weight of heifers	
4. Total gain in pounds (Subtract Item 3 from Item 2)	
5. Average gain in pounds per heifer (Item 4 divided by item 1)	
6. Total days on project	
7. Average daily gain per heifer (Item 5 divided by item 6)	
8. Total feed and pasture cost (Initial cost of heifers not included)	
9. Total cost of all expenses (Initial cost of heifers not included)	
10. Purchase price of heifers (Total of all heifers)	
11. Interest Cost (Item 10) X (Item 6) X .0975 divided by 365	
12. Total cost of project (Item 9 + Item 10 + Item 11)	
13. Average cost per heifer for project (Item 12 divided by number of heifers)	
14. Break even per pound per head (Item 12 divided by item 2)	
15. Cost of gain (Item 8 divided by item 4)	

Student Name: _____ Date: _____

Example

2022 Replacement Heifer Record Book Weekly Activity Log

Dates	Activity
Sep 10- Sep 18	Drove to Wharton Texas and picked up 3 heifers. Drove Heifers home. Fed medicated receiving chow and hay. Hauled heifers to vet for vaccinations and dehorn. Still feeding medicated receiving chow with hay. All 3 are in smaller trap for now. Checking daily. Dehorn scabbing looks good.
Sep 19	Loaded heifers and hauled to no name cattle company for 1 st validation. Weighed and ear tagged all 3 heifers to show. Returned home and turned heifers back out in small trap. Fed medicated receiving chow and hay.
Sep 20- Sep 27	Checking heifers daily. Doing well in trap with Bermuda grass. Finished medicated receiver after 14 days. Only giving about 3 lbs of textured feed and pasture daily. Dehorn scabbing gone and all are well. Heifers are settling down and will come to feed troughs when called.

Veterinarian Examination Certificate

(Single Animal)

Replacement Heifers

Breed: _____ Age: _____

ID Tag # _____ Owner: _____

Evaluation:

		Bags Vaccination	Veterinarian Health Protocol	Pregnant
		Y	Y	Y
		N	N	N

_____ Date: _____

Certified Veterinarian

Comments:

Veterinarian Examination Certificate

(Single Animal)

Replacement Heifers

Breed: _____ Age: _____

ID Tag # _____ Owner: _____

Evaluation:

		Bags Vaccination	Veterinarian Health Protocol	Pregnant
		Y	Y	Y
		N	N	N

_____ Date: _____

Certified Veterinarian

Comments:

Veterinarian Examination Certificate

(Single Animal)

Replacement Heifers

Breed: _____ Age: _____

ID Tag # _____ Owner: _____

Evaluation:

		Bags Vaccination	Veterinarian Health Protocol	Pregnant
		Y	Y	Y
		N	N	N

_____ Date: _____

Certified Veterinarian

Comments:

Texoma Exposition & Livestock Show

Replacement Heifer Division

Interview Questions

Jr. Division: 8-11

1. What Breed are your heifers?
2. What breeds are crossed to make your heifers?
3. What is the purpose of vaccinating your heifers?
4. How can you verify that your heifers were brucellosis vaccinated?
5. Name an external parasite that affects cattle.
6. How many stomachs does a cow have?
7. What was the most important thing you learned from your replacement heifer project?
8. How many days were your heifers on feed?
9. How many heifers constitute a pen at the TELS show?
10. Why do growing cattle require more feed in winter?

Intermediate Division: 12-14

1. What breed are your heifers?
2. What was your average daily gain on your pen of heifers?
3. What is the purpose of weighing your heifers at the 2 validations?
4. Name 2 cattle parasites commonly found in North Texas.
5. What was the minimum daily average weight gain for your heifers to be eligible to show?
6. What type of feed is hay considered?
7. Name 2 vaccinations your heifers received.
8. Why is it hard for your heifers to continue gaining weight in cold and wet conditions?
9. What is a judge looking for when it pertains to pen uniformity?

Sr. Division: 15-19

1. What breed are your heifers?
2. By TELS Rules what was the minimum weight each heifer had to weigh at the first validation?
3. Name 2 vaccinations your heifers received.
4. What are some factors in your heifers reaching puberty?
5. Why is roughage important when planning your heifers feed intake?
6. What is the gestation period for cattle?
7. Who is responsible for reporting Brucellosis vaccinations to the government?
8. When a veterinarian palpates a heifer, what is he/ she trying to determine?
9. What do you consider the most important factor in selecting a bull to breed your heifers to?
10. What is the purpose of the Breeding Soundness Check required for each heifer?