**2021**



**Leon County Youth Livestock Show, Inc.**

***Commercial Heifer Record Book***

# Commercial Heifer Record book

Good record keeping is essential in all aspects of the beef industry. The purpose of this record book is to expose exhibitors to basic record keeping for a cattle operation.

In addition to completing the record book, exhibitors are required to submit an essay that details their Commercial Heifer experience. Guidelines are as follows:

* ***JUNIORS, Grades 3-5:***
	+ Write a one (1) page report.
	+ Attach1-3 pictures with captions separately.
* ***INTERMEDIATES, Grades 6-8:***
	+ Write a two (2) page report
	+ Attach 3-5 pictures with captions separately.
* ***SENIORS, Grades 9-12:***
	+ Write a three (3) page report
	+ Attach 5-7 pictures with captions separately.

***IMPORTANT:*** Follow the directions and stay within the parameters for your age group. More or less than required will result in point deductions. The pictures are to be separate from the essay we want to hear from the EXHIBITOR on their essay. There are no right or wrong answers. Simply share your experiences with you Commercial Heifer project. Good Luck!!

***\*These are suggestions to help you write your essay. You don’t have to use all of these suggestions and you can come up with your own topics.***

* Why did you choose the heifers you did (mention breed and age)?
* How old will they be and approximately how much will they weigh at show time?
* What are some of them important things you considered when you selected your heifers?
* Any interesting experiences you might have had during this project.
* Describe the day to day care of your heifers (i.e. where they lived, feeding routine, how much time you spent with general care, etc.)
* What would you change or do the same the next time you do commercial heifers? (i.e. different feed, different breed, and different age of heifers you would start with, or did everything work out and you would do the same).
* What did you learn about yourself or your heifers?
* What was the best thing about choosing commercial heifers as your project this year?
* Was there anything that surprised you about your commercial heifer project?
* Were there any special traits or habits your heifers had?
* What was a significant experience you had taking care of your heifers?

# COMMERCIAL HEIFER RECORDBOOK

**PERSONAL INFORMATION**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**First Middle Last**

Home Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City:

State: TEXAS Zip: \_\_\_\_\_\_\_\_\_\_

E-mail Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

No. of Years in 4H/FFA: \_\_\_\_ No. of Years in Commercial Heifer Project: \_\_\_ \_\_\_Junior \_\_\_\_Intermediate \_\_\_\_Senior

Name of your 4H Club or FFA Chapter: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

STATEMENT BY LEON COUNTY YOUTH LIVESTOCK SHOW EXHIBITOR

I certify that this record book accurately reflects my work and career.

Date:

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ***Exhibitor’s Signature***

APPROVAL OF THIS REPORT

 We have reviewed this report and believe it to be correct:

Date:

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ***Parent/Guardian Signature***

Date:

Signed:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ***4H Club Manager or FFA Advisor Signature***

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| **Section A: Heifer Purchase****Refer to the Record Book Instructions, Section A, for pertinent instructions.**  |
| Purchase Date | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| Purchase Expense | Purchase Price of Heifer #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Purchase Price of Heifer #2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Summary | Initial total cost of Heifers : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| What factors influenced your decision to purchase the breed composition of the heifers you chose? |
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| **Section B: Veterinary & Miscellaneous Expenses** |
| **Date** | **Description** | **Total Cost** |
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|  | Total Veterinary & Miscellaneous Expenses |  |

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| **Provide a written statement describing all the various treatments your heifers received. Explain the dose of medication given and the reason for all treatments administered.**  |
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| **Section C: Feed Expenses****Refer to the Record Book Instructions, Section C, for pertinent instructions.**  |
| **Date** | **Pounds Purchased** | **Description of Feed/Hay** | **Cost** |
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| **Total****Pounds** |  | **Total Feed Cost** |  |

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| **Section D: Days on Feed****Refer to the Record Book Instructions, Section D, for pertinent instructions.** |
| Period | Purchase Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Closing Date: March 25, 2021Days on Feed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Feed | Total pounds of feed fed: \_\_\_\_\_\_\_\_\_\_\_\_\_lbs.Total cost of feed fed: $\_\_\_\_\_\_\_\_\_\_\_\_Average cost per pound of feed: $\_\_\_\_\_/lb. |

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| Provide a description of your feeding program.  |
|  |

Section E: Commercial Heifer Summary

**Refer to the Record Book Instructions, Section E, for pertinent instructions.**

**Section A: Heifer Purchase**

 Initial Total Cost of Heifers ……………………………………….$ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Section B: Veterinary & Miscellaneous Expenses** Total Veterinary & Miscellaneous Expenses… ……………..$ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Section C: Feed Expenses**

Total Feed Purchased (in pounds)……...…………………….. \_\_\_\_\_\_\_\_\_\_\_\_\_lbs.

Total Feed Expenses…………………………………………$ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Section D: Days on Feed**

Total Number of Days on Feed………………………………. \_\_\_\_\_\_\_\_\_\_\_days

 Total Cost Commercial Heifers ………….…………………...$ \_\_\_\_\_\_\_\_\_\_\_

**Record Book Instructions**

Section A Instructions

* If you purchased your Heifers, use the actual purchase price.
* If your Heifers were given to you, use $1,200.00 as cost per head.

Section C Instructions

* If you purchased your feed, use the actual purchase price.
* If your feed was given to you, use $.15/ lb. as your cost.
* If your hay was given to you and/or cost less than the minimum: use $7.00 per square bale, and $50 per round bale. If your hay cost more, use the actual purchase price.
* Hay weight: use 50 lbs. for square bale and 800 lbs. for round bale, as minimums. If you know the weight of your hay AND it weighs more than the minimum, use the actual weight.

Section D Instructions

* Purchase Date must be on or before Validation Date.
* To calculate days on feed, include purchase date and closing date.

Section E Instructions

* Total cost Commercial Heifers = Total Initial Heifer Cost + Total Feed Expenses + Total Veterinary/Miscellaneous Expenses

Essay and Picture Instructions

* Follow the directions and stay within the parameters for your age group. More or less than required will result in point deductions. The pictures are to be separate from the essay. We want to hear from the EXHIBITOR on their essay. There are no right or wrong answers. Simply share your experiences with you Commercial Heifer project. Good Luck!!

**General Knowledge Questions**

# What breed is your pen of heifers? Describe them to me.

# What is a heifer?

# What is the gestation and how long does it last in cattle?

# What is colostrum? Why is it important to the calf?

# Name two types of parasites.

# What is the difference between a purebred and crossbred animal?

# What is a replacement heifer?

# Name two ways that crossbreeding is beneficial to a breeding program/project?

# Have your heifers been vaccinated for any diseases? Which ones?

# What are frame scores?

# What is estrous and how long does it last?

# What is a ruminant?

# There are three methods used to deworm cattle. What are they?

# What is the average cost per head of your finished heifers?

# What is heritability? What is its impact on genetic improvement?

# When is the beef check-off money collected and what is it used for?

# Name three reproductive diseases cattle are susceptible to.

# Who is the Commissioner of Agriculture in Texas? Who is the USDA Secretary of Agriculture?

**Commercial Heifer Record Book due to Extension Office: Monday, April 5, 2021 by 5 pm**

**Commercial Heifer Interviews: Monday, April 12, 2021**

**Commercial Heifer Check-in: Tuesday, April 13, 2021**

**Commercial Heifer Show: Thursday, April 15, 2021**