

# Jackson County 4-H Junior (ages 8-10) Breeding Beef Project Record Book



Name \_\_\_\_\_

Age (as of September 1<sup>st</sup>) \_\_\_\_\_

4-H Club \_\_\_\_\_

## Purpose of this Project

The purpose of any animal project is to help teach youth life skills. Life skills are skills that youth need in order to transition into a healthy, responsible adult. Animal projects specifically target the life skills of:

- **Responsibility** (feeding and caring for an animal on a regular basis)
- **Determination** (working with the animal on a regular basis in order to show it)
- **Record keeping** (keeping a record of the animal's health and feeding)
- **Money/Resource Management** (keeping track of how much money or other resources have been invested in the project, and managing money and resources wisely)
- **Sportsmanship** (practice being a good winner and a good loser through competition with peers and with self. Dealing with constructive criticism, even when you've given your best is a very hard lesson to learn, but a very valuable one!)

**“As the exhibitor of this project, I certify that I have personally kept records and completed this record book.”**

**Signed** \_\_\_\_\_  
**Member** **Date**

**“This youth is an active member of the \_\_\_\_\_  
4-H Club or FFA Chapter. This book has been completed by the  
youth and is an accurate record of the project.”**

**Signed** \_\_\_\_\_  
**Club leader or Chapter advisor** **Date**

*Keeping records is an important part of any project, but especially for a market animal project. If you don't keep any records, then you have no idea whether you made money or lost money at the end of your project.*

### **General Records**

What is the breed of your animal?

When did you take possession of your animal?

Do you plan on breeding your animal?

If so, are you going to breed it naturally (by putting a bull in the pen or field) or by artificial insemination?

What date(s) do you plan on breeding your animal?

What do you plan on doing with any animals that are born? (sell, raise, etc)

### **Breeding Beef Timeline**

|               |  |
|---------------|--|
| Birth of calf | Record weight, date of birth and tag calf if possible  |
| 1-4 months    | Begin to introduce feed – Calf may eat along with mother. Have as much contact with calf as mother will allow!!                |
| 4 month       | First set of vaccines: Contact local vet for more info   |
| 4 month       | Castrate bull calves early (preferable in cool weather when flies are not a problem) Worm calf (pour on if show calf prospect) |
| 5-6 months    | Continued to feed and work with calf   |
| 6-7 months    | Wean calf continued to feed and work with calf<br>Booster Vaccines, worm again   |
| 8-15 months   | Feed – Feed – Feed   |
| 15 months     | 750 lb. minimum before breeding. Select a calf ease sire for your heifer and bred  |
| 15-24 months  | Feed – Feed – Feed   |
| 24 months     | Watch for calving  |
| 24 months+    | Vaccinate and Worm (Spring and Fall)   |

**\* Remember it takes 9 months for a cow to calve. Plan your calving time around the fall of the year if possible.**

## **Expenses and Income**

An expense is something that you pay for, or that costs you money. Your project expenses include the cost or value of your animal at the beginning of the project, what you paid for feed, what you paid for veterinary bills, and what you paid to show your animal.

Income is money that your project brings you. Examples of project income include what your animal is worth at the end of your project (or what someone pays for your steer), and any show premiums you win.

*Your project begins the day that you take possession or responsibility of your animal.*

## **PROJECT EXPENSES**

### **Animal Expenses**

What you paid for your heifer (or the value of your heifer if it is given to you or you raised it your self). If you bought your animal, simply write down the actual purchase price. If you were given your animal, or if it was born on your property, or if it was leased, simply write down the fair market value. As a general rule, a yearling breeding animal is worth \$750.00.

**Value of Animal at Start of Project:** \$ \_\_\_\_\_

## Feed Expenses

| Date                       | Type (Hay, Supplement, Grain, etc) | Pounds  | Cost    |
|----------------------------|------------------------------------|---------|---------|
| Example: 6/10              | Hay                                | 50 lbs  | \$ 5.00 |
| Example: 6/12              | Feed                               | 200 lbs | \$32.00 |
|                            |                                    |         |         |
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|                            |                                    |         |         |
| <b>TOTAL FEED EXPENSES</b> |                                    |         |         |

## Veterinary Expenses

| Date                             | Treatment          | Cost          |
|----------------------------------|--------------------|---------------|
| <i>Example: 9/16</i>             | <i>Vaccination</i> | <i>\$5.00</i> |
|                                  |                    |               |
|                                  |                    |               |
|                                  |                    |               |
|                                  |                    |               |
|                                  |                    |               |
| <b>TOTAL VETERINARY EXPENSES</b> |                    | <b>\$</b>     |

**Show Expenses**

| Date                       | Type                       | Cost           |
|----------------------------|----------------------------|----------------|
| <i>Example: 6/06</i>       | <i>Show halter</i>         | <i>\$30.00</i> |
| <i>Example: 8/10</i>       | <i>Entry Fee (JC Fair)</i> | <i>\$5.00</i>  |
| <i>Example: 9/9</i>        | <i>Transportation</i>      | <i>\$40.00</i> |
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| <b>TOTAL SHOW EXPENSES</b> |                            | <b>\$</b>      |

## PROJECT INCOME

### Show Premium Income

| Date                      | Name of Fair or Show           | Class                         | Placing    | Premiums Won |
|---------------------------|--------------------------------|-------------------------------|------------|--------------|
| <i>Example:<br/>10/11</i> | <i>Jackson<br/>County Fair</i> | <i>Junior<br/>Showmanship</i> | <i>1st</i> | <i>25.00</i> |
|                           |                                |                               |            |              |
|                           |                                |                               |            |              |
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|                           |                                |                               |            |              |
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|                           |                                |                               |            |              |
|                           |                                |                               |            |              |
|                           |                                |                               |            |              |
| <b>TOTAL PREMIUMS WON</b> |                                |                               |            | <b>\$</b>    |

### Animal Income

As a general rule, a mature cow (2 years or older) is worth a minimum of \$1,200.00. A yearling calf is worth a minimum of \$750.00. You can use these general guidelines to calculate the total value of your breeding animal(s) at the end of your project.

What is the value of your animal(s) at the end of your project? \$\_\_\_\_\_

## FINANCIAL SUMMARY

### Project Income

Animal Income (page 7) \$ \_\_\_\_\_

Sponsorship Income (page 7) \$ \_\_\_\_\_

**Total Project Income** \$ \_\_\_\_\_

### Project Expenses

Animal Expenses (page 4) \$ \_\_\_\_\_

Feed Expenses (page 5) \$ \_\_\_\_\_

Veterinary Expenses (page 5) \$ \_\_\_\_\_

Show Expenses (page 6) \$ \_\_\_\_\_

**Total Project Expenses** \$ \_\_\_\_\_

**TOTAL PROFIT OR LOSS** \$ \_\_\_\_\_

*Subtract your total project expenses from total project income. This is your total profit or loss.*



## **Project Story**

Your story should answer the following questions about your project experience:

1. What is the breed of your animal, and where did you get it?
2. What new skills did you learn from this project?
3. Who helped you with this project?
4. What did you like best or least about this project?
5. What would you do differently, if anything, next time?

## **Project Photos**

**Include at least three photos of your project with captions that describe what is happening in the pictures.** If you like, you can add pages to include other items and memorabilia, such as your exhibitor numbers, stall cards, ribbons won, etc.

# UNIVERSITY OF FLORIDA

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## IFAS EXTENSION

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