

# Osceola County 4-H Record Book Beef Senior (15-19)



Place Beginning Project Picture Here

Place Ending Project Picture Here

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

**Birthdate:** \_\_\_\_\_ **Fair Age (as of Jan. 1)** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Club:** \_\_\_\_\_

**Years in 4-H:** \_\_\_\_\_ **Years in Project:** \_\_\_\_\_

**Member's Signature:** \_\_\_\_\_

**Parent's Signature:** \_\_\_\_\_

**Leader's Signature:** \_\_\_\_\_

# 4-H Information

## 4-H History

*Answer the question*

**4-H was founded in what year?**

\_\_\_\_\_

**Who founded 4-H?**

\_\_\_\_\_

**In which state was 4-H founded?**

\_\_\_\_\_

**In which county was 4-H founded?**

\_\_\_\_\_

## The 4-H Motto

*Fill in the Blank*

“ \_\_\_\_\_ ”

## The 4-H Slogan

*Fill in the Blank*

“ \_\_\_\_\_ ”

**How has 4-H impacted your life?**

*Describe in detail*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Showmanship

**Top 5 goals of showmanship:**

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

4) \_\_\_\_\_

5) \_\_\_\_\_

**List 3 ways you improve since previous year:**

1) \_\_\_\_\_



2) \_\_\_\_\_

3) \_\_\_\_\_

**List 5 ways that you can help others this year:**

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

4) \_\_\_\_\_

5) \_\_\_\_\_

# Meetings / Participation

Keep track of meetings/events that you have participated in. Put a check in the appropriate month.

| Description                  | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Osceola Livestock Club (OLC) |     |     |     |     |     |     |     |     |     |     |     |     |
| Club Meetings (list)         |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
| General Meetings (list)      |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
| County Events: (list)        |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
| State Events: (list)         |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
| Community Service: (list)    |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
| Committees: (list)           |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
| Other: (list)                |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |
|                              |     |     |     |     |     |     |     |     |     |     |     |     |

Examples: Shows, Clinics, Workshops, etc.

# My Market Animal Project

|                            |                |
|----------------------------|----------------|
| Scrapies and/or RFID Tag # | Name of Animal |
| <br>                       | <br>           |

1. Why did you select the beef project? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. What were the factors you considered when choosing your project? (i.e. body correctness, hair, breed) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. When did you purchase your animal and why did you choose that date/age? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. How did you decide on your target weight of your animal based on what factors? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. How many and what kinds of animals did you care for? (Examples: 2 crossbred hogs, 1 angus steer)  
\_\_\_\_\_  
\_\_\_\_\_
6. What is a major factor influencing your project area industry at this time? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. What is a good back fat for your project? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. What do the Average Daily Gain results (page 9) tell you and what is a good rate of gain for your project animal? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. List three things you have learned in your project this year.
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_

10. Who has influenced you the most this year in this project and why? \_\_\_\_\_

\_\_\_\_\_

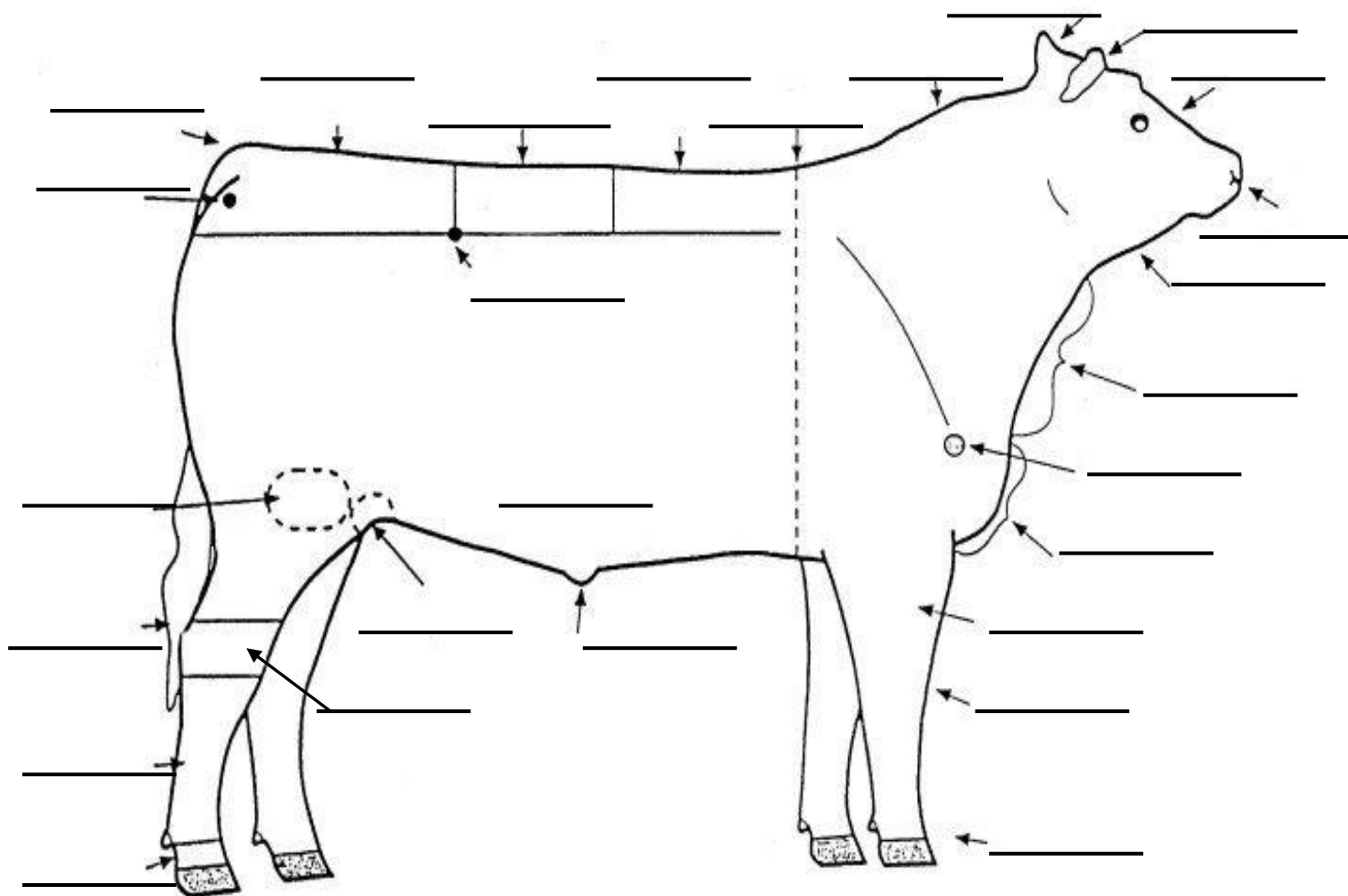
11. List 3 things you would like to change about your project animal this year **OR** list 3 things you wish you would have done differently with your animal this year?

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

12. List the names of 3 people/businesses/community members that have helped you in your beef project:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

## Parts of a Beef Animal



**Body Parts:** Write in the name of each body part on the line. Please write legible and use correct names of parts.

**Diseases: List 5 diseases and the signs and symptoms of each**

Name of Disease:

Signs and symptoms:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**By-Products: List 5 by-products and where they come from**

By-Product:

Source:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**Retail Cuts: List 6 retail cuts and where they come from**

Retail Cut:

Source:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

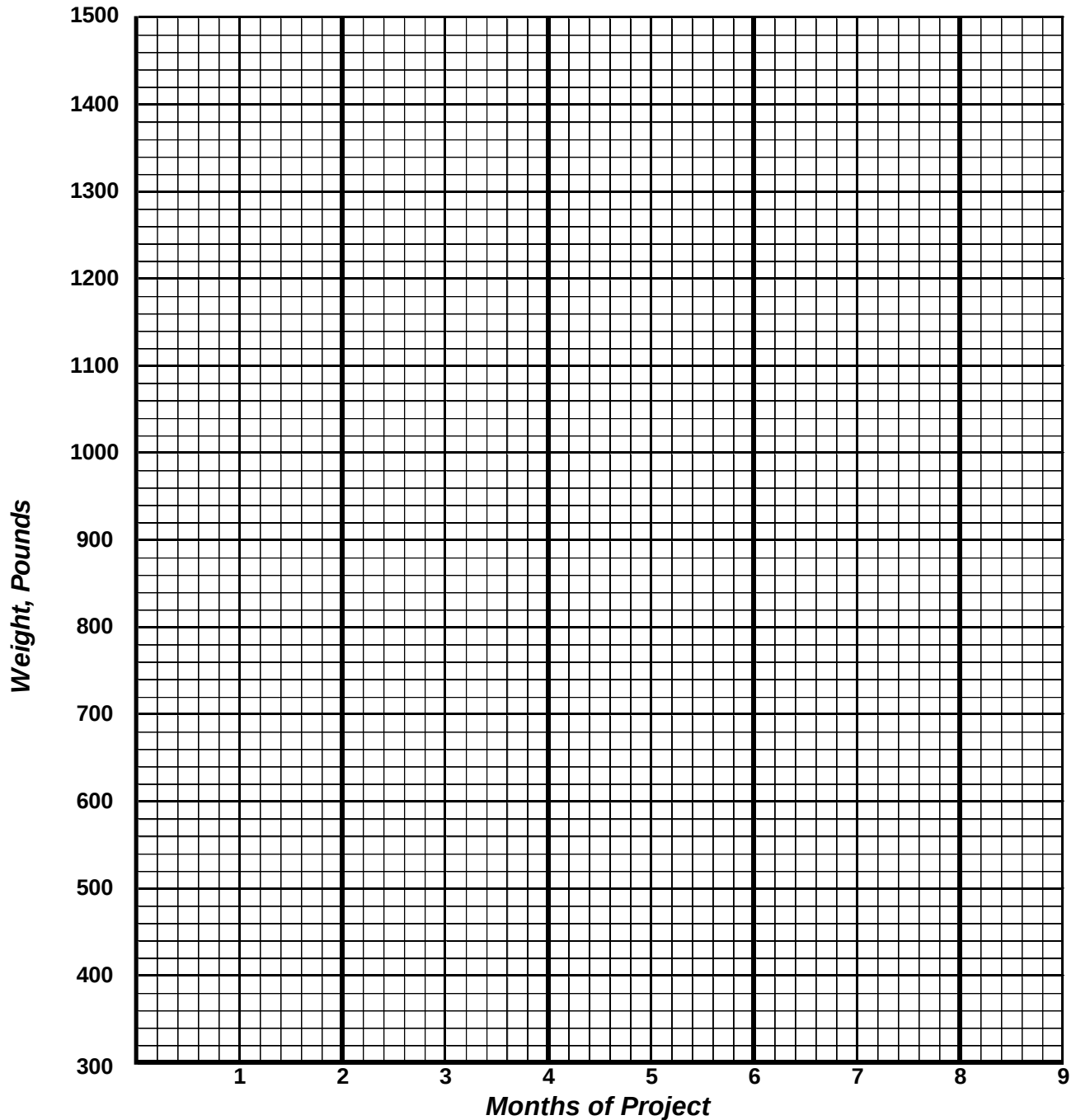
**Breeds: List 5 Breeds and where they originated from**

Breed:

Originated from:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

# Beef Weigh Chart



Knowing how much your animal is gaining each day is a critical part of raising a healthy animal. Weights can be measured by using scales, weight tapes, or estimated. Keep track of the weights in the table below and draw the results in the chart above.

| Date Weighed |  |  |  |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|--|--|--|
| # of Days    |  |  |  |  |  |  |  |  |  |
| Weight       |  |  |  |  |  |  |  |  |  |
| Lbs. Gained  |  |  |  |  |  |  |  |  |  |
| A.D.G. *     |  |  |  |  |  |  |  |  |  |

\* A.D.G. = Average Daily Gain Calculated by pounds gained divided by # of Days

**For examples of how to complete this page, please contact the County 4-H Office.**

## *Beef Feed*

Name 3 of the ingredients in your feed and tell why your animal needs that ingredient:

[illegible]

Describe your feed mixture at beginning of your project and at the end of the project? Why did you make those change?

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

| <b>Expense Record</b>                                                           |            |            |            |            |            |            |            |            |            |            |            |
|---------------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Pounds Fed</b>                                                               | <b>Sep</b> | <b>Oct</b> | <b>Nov</b> | <b>Dec</b> | <b>Jan</b> | <b>Feb</b> | <b>Mar</b> | <b>Apr</b> | <b>May</b> | <b>Jun</b> | <b>Jul</b> |
| <b>Hay / Roughage</b>                                                           |            |            |            |            |            |            |            |            |            |            |            |
| <b>Grains</b><br><small>(include all types of grain: corns, oats, etc.)</small> |            |            |            |            |            |            |            |            |            |            |            |
| <b>Minerals</b>                                                                 |            |            |            |            |            |            |            |            |            |            |            |
| <b>Other</b>                                                                    |            |            |            |            |            |            |            |            |            |            |            |
| <b>TOTAL Pounds Fed:</b>                                                        |            |            |            |            |            |            |            |            |            |            |            |
| <b>TOTAL Cost of Feed:</b>                                                      | \$         | \$         | \$         | \$         | \$         | \$         | \$         | \$         | \$         | \$         | \$         |
|                                                                                 |            |            |            |            |            |            |            |            |            |            |            |
| <b>Expense Items</b>                                                            | <b>Sep</b> | <b>Oct</b> | <b>Nov</b> | <b>Dec</b> | <b>Jan</b> | <b>Feb</b> | <b>Mar</b> | <b>Apr</b> | <b>May</b> | <b>Jun</b> | <b>Jul</b> |
| <b>Veterinary Charges</b>                                                       |            |            |            |            |            |            |            |            |            |            |            |
| <b>Vaccinations/Wormer</b>                                                      |            |            |            |            |            |            |            |            |            |            |            |
| <b>Bedding</b>                                                                  |            |            |            |            |            |            |            |            |            |            |            |
| <b>Housing</b>                                                                  |            |            |            |            |            |            |            |            |            |            |            |
| <b>Trucking &amp; Pictures</b>                                                  |            |            |            |            |            |            |            |            |            |            |            |
| <b>Other</b>                                                                    |            |            |            |            |            |            |            |            |            |            |            |
| <b>TOTAL Expense Items:</b>                                                     | \$         | \$         | \$         | \$         | \$         | \$         | \$         | \$         | \$         | \$         | \$         |

# Project Performance Summary

|               |       |                  |        |               |            |              |        |                    |
|---------------|-------|------------------|--------|---------------|------------|--------------|--------|--------------------|
|               | -     |                  | =      |               | /          |              | =      |                    |
| Ending Weight | minus | Beginning Weight | equals | Pounds Gained | divided by | Days on Feed | equals | Average Daily Gain |

|                 |            |                    |        |                             |
|-----------------|------------|--------------------|--------|-----------------------------|
|                 | /          |                    | =      |                             |
| Total Feed Cost | divided by | Total Lbs. of Gain | equals | Feed Cost per Pound of Gain |

|                        |            |                    |        |                                  |
|------------------------|------------|--------------------|--------|----------------------------------|
|                        | /          |                    | =      |                                  |
| Total Lbs. Of Feed Fed | divided by | Total Lbs. of Gain | equals | Lbs. Of Feed Fed per Lb. Of Gain |

## Financial Summary

| INCOME                             |          |                      |          |                            |  |
|------------------------------------|----------|----------------------|----------|----------------------------|--|
| <i>Ending Weight:</i>              | <b>X</b> | <i>Market Price:</i> | <b>=</b> | <i>Income from Animal:</i> |  |
| <b>Other Income: (List items:)</b> |          |                      |          |                            |  |
|                                    |          |                      |          |                            |  |
| <b>TOTAL INCOME</b>                |          |                      |          |                            |  |

| EXPENSES                                                          |  |  |
|-------------------------------------------------------------------|--|--|
| Purchase price of animal (if homegrown = market value @ weigh in) |  |  |
| Cost of Feed (page 8)                                             |  |  |
| Cost of other Expense items (page 8)                              |  |  |
| <b>TOTAL EXPENSES</b>                                             |  |  |

|                                                                              |  |
|------------------------------------------------------------------------------|--|
| <b>PROFIT / (LOSS): Income minus Expense</b> (negative number equals a loss) |  |
|------------------------------------------------------------------------------|--|

## Breeding Stock Animals

| Name | Scrapie/Tattoo# | Breed | Age | Sex |
|------|-----------------|-------|-----|-----|
|      |                 |       |     |     |
|      |                 |       |     |     |
|      |                 |       |     |     |
|      |                 |       |     |     |
|      |                 |       |     |     |
|      |                 |       |     |     |
|      |                 |       |     |     |
|      |                 |       |     |     |
|      |                 |       |     |     |

## Pictures

# Financial Summary

| Record of Feed Expenses    |              |           |
|----------------------------|--------------|-----------|
| Month                      | Type of Feed | Cost      |
| September                  |              |           |
| October                    |              |           |
| November                   |              |           |
| December                   |              |           |
| January                    |              |           |
| February                   |              |           |
| March                      |              |           |
| April                      |              |           |
| May                        |              |           |
| June                       |              |           |
| July                       |              |           |
| <b>Total Feed Expenses</b> |              | <b>\$</b> |

| Other Expenses              |                  |           |
|-----------------------------|------------------|-----------|
| Month                       | Type of Expense* | Cost      |
|                             |                  |           |
|                             |                  |           |
|                             |                  |           |
|                             |                  |           |
|                             |                  |           |
|                             |                  |           |
|                             |                  |           |
|                             |                  |           |
| <b>Total Other Expenses</b> |                  | <b>\$</b> |

\*Type of expense may include housing, bedding, medications, veterinary fees, breeding fees, equipment purchases, or registrations, etc.

| INCOME              |                  |                           |
|---------------------|------------------|---------------------------|
| Month               | Type of Product* | Market value of Product** |
|                     |                  |                           |
|                     |                  |                           |
|                     |                  |                           |
|                     |                  |                           |
|                     |                  |                           |
|                     |                  |                           |
|                     |                  |                           |
|                     |                  |                           |
| <b>Total Income</b> |                  | <b>\$</b>                 |

\*Type of product includes animals sold, products sold or used at home (ie. Milk, meat, feeding calves/pigs), breeding/stud fees, premiums won.

\*\*For products used at home what would the market value be (ie. Goats milk in stores sells for what?).

## Financial Summary

|                             |           |
|-----------------------------|-----------|
| <b>Total Feed Expenses</b>  | <b>\$</b> |
| <b>Total Other Expenses</b> | <b>\$</b> |
| <b>Total Expenses</b>       | <b>\$</b> |

|                     |                         |                      |
|---------------------|-------------------------|----------------------|
| <b>Total Income</b> | <b>- Total Expenses</b> | <b>= Profit/Loss</b> |
| <b>\$</b>           | <b>\$</b>               | <b>\$</b>            |

In reviewing your financial statement, will you make any changes for next year and what would those changes be?

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[illegible]



# More Project Photos

