

Heifer Sample

ALBERTA 4-H BEEF BREEDING PROJECT

RECORD BOOK

5

ABOUT ME

My Name: Jane Member

My Address: Box 1234

Anywhere, AB T4H 4H4

Phone Number: 780-555-1234

My age on January 1 this year: 10 This is my 2nd year in 4-H

ABOUT MY CLUB

Club name Anywhere 4-H Beef Club

Number of members 20

My club has been operating for years 55

4-H district Flagstaff 4-H region East Central

ABOUT MY BREEDING PROJECT

Name of animal Red Flower 12N

Date of birth January 28, 2003

Breed Red Angus Purebred or crossbred (circle one)

CCIA eartag 437 4-H Eartag or Beef Tattoo 753

Dam Breed and Name Red Totem Flower 12N

Sire Breed and Name Red Creek Chief 824-1856

Date project animal purchased October 26, 2003

Purchased from: Name Fred Leader

Address Box 5678 Anywhere, AB

T4H 4H4 Phone 780-555-5678

BREEDING PROJECT

Heifer Two Year Old _____ Three Year Old _____*Your goal with this project for this year*

- To learn to work together _____
 - To learn more about grooming _____
-

Value at the start of project year (A) \$1500.00 Date Oct. 26, 2003

Estimated value at end of project year (B) \$2500.00 Date June 6, 2004

Include a photograph here, taken within the first two months of the project year. Be sure to put a title and date.

(Add more pages to show all of your photographs from throughout the year.)


HEALTH CARE

| Date | Condition Being Treated | Estimated Weight | Treatment Administered <i>(Medication, dosage, amount and route of administration)</i> | Drug's Lot # | Person Giving Treatment | Withdrawal Time | Withdrawal Complete Date | For Prescription or extra drug use list Vets Name | Cost \$ |
|-----------------------|-------------------------|------------------|---|--------------|-------------------------|-----------------|--------------------------|---|----------------|
| Oct. 24 | Parasites | 775 lbs | Ivomec | WJXZ 10 | Jack Member | 48 days | Dec. 13 | | \$ 8.00 |
| | | | | | | | | | |
| | | | | | | | | | |
| TOTAL COST (C) | | | | | | | | | \$ 8.00 |

Medicated Feeds - Remember to document ALL medicated feed and withdrawal times

| Dates Feed | Medication Name <i>(Medication added/included in feed and approximate amount of medication)</i> | Withdrawal Time <i>(Instructed)</i> | Withdrawal Complete <i>(Date)</i> |
|------------|--|--|--------------------------------------|
| | | | |
| | | | |
| | | | |
| | | | |

Mark down on the diagram where you have given your animal any injections



Prohibited Feed Affidavit

I, J. Member (print), of the Anywhere Beef 4-H Club, attest that to the best of my knowledge, the risks led to entry under my authority, direction or ownership and when I was applying to any Federal, State or local agency for the registration and/or transfer of my animal to the information to Ruminant Feeding Ban SOR687-362 (Amendments to the Regulations Respecting the Health of Animals, SOR681-525), made pursuant to the Health of Animals Act S.C. 1980, c.21

Parent or Guardian: Jack Member Date: June 6, 2004

Signature: [Signature] Date: June 6, 2004

CONDITION SCORE

Place a check mark (✓) in the Condition Score box for your Breeding Project animal at each stage. Refer to the 4-H website - www.4h.ab.ca. Look in Resources/Livestock/Beef/Body Condition Score

| Condition Score | Weaning | Winter Feeding | Breeding | Pregnancy Check | Calving | Summer Feeding |
|--|---------|----------------|----------|-----------------|---------|----------------|
| 1 | | | | | | |
| 2 | | ✓ | | | | |
| 3 | | | ✓ | | | |
| 4 | | | | | | |
| 6 | | | | | | |
| Your Plan Indicate with a check mark (✓) your target Management Plan until the next Condition Score check. | | | | | | |
| Increase Nutrient Level | | ✓ | | | | |
| Maintain Nutrient Level | | | ✓ | | | |
| Moderate Nutrient Level | | | | | | |

PERFORMANCE RECORD

| Month | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|--|--|--|
| End Weight (lbs) | 800 | 845 | 925 | 980 | 1055 | 1130 | 1210 | 1270 | 1189 | | | |
| Beginning Weight (lbs) | 775 | 800 | 845 | 925 | 980 | 1055 | 1130 | 1210 | 1270 | | | |
| Weight Gain (lbs) | 25 | 45 | 80 | 55 | 75 | 75 | 80 | 60 | 0 | | | |
| Average Daily Gain (ADG) | | 1.50 | 2.58 | 1.77 | 2.59 | 2.42 | 2.67 | 1.94 | 0 | | | |

Project Final Weight 1189 lbs - Initial Weight 775 lbs = Gain 414 lbs.

My Record of Feed Expenses

Weight measured in kgs (lbs) (circle one)

| Feed Type | | Hay | | | Silage | | | Rolled Barley | | |
|-----------|----------------|---------------------------|------------|-----------------|---------------------------|------------|-----------------|---------------------------|------------|-----------------|
| Month | Number of Days | Weight Per Day/ Per Month | \$/Wt Unit | Cost / Month \$ | Weight Per Day/ Per Month | \$/Wt Unit | Cost / Month \$ | Weight Per Day/ Per Month | \$/Wt Unit | Cost / Month \$ |
| | | 1 30 | \$0.50 | \$15.00 | 0.5 15 | \$0.20 | \$3.00 | 0.5 15 | \$0.20 | \$3.00 |
| Oct. | 5 | 5 25 | 0.03 | 0.75 | 10 50 | 0.0125 | 0.63 | 5 25 | 0.06 | 1.50 |
| Nov. | 30 | 5 150 | 0.03 | 4.50 | 15 450 | 0.0125 | 5.63 | 6 180 | 0.06 | 10.80 |
| Dec. | 31 | 5 155 | 0.03 | 4.65 | 18 558 | 0.0125 | 6.96 | 6 186 | 0.06 | 11.16 |
| Jan. | 31 | 5 155 | 0.03 | 4.65 | 20 620 | 0.0125 | 7.75 | 6 186 | 0.06 | 11.16 |
| Feb. | 29 | 5 145 | 0.03 | 4.35 | 22 638 | 0.0125 | 7.96 | 6 174 | 0.06 | 10.44 |
| March | 31 | 5 155 | 0.03 | 4.65 | 25 775 | 0.0125 | 9.69 | 6 186 | 0.06 | 11.16 |
| April | 30 | 5 150 | 0.03 | 4.50 | 27 810 | 0.0125 | 10.13 | 4 120 | 0.06 | 7.20 |
| May | 31 | 5 155 | 0.03 | 4.65 | 30 930 | 0.0125 | 11.63 | | | |
| June | 7 | 20 140 | 0.03 | 4.20 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | (D.1) | | (E.1) | (D.2) | | (E.2) | (D.3) | | (E.3) |
| | | 1230 | | 36.90 | 4831 | | 60.38 | 1057 | | 63.42 |

The year's total kgs/lbs of feed

$$\begin{array}{ccccccccc}
 \text{(D.1)} & \text{(D.2)} & \text{(D.3)} & \text{(D.4)} & \text{(D.5)} & \text{(D.6)} & \text{(D)} & & \\
 \boxed{1230} & + & \boxed{4831} & + & \boxed{1057} & + & \boxed{42} & + & \boxed{45.75} & + & \boxed{} & = & \boxed{7205.75}
 \end{array}$$

Start date of feed record October 26, 2003 End date of feed record June 6, 2004

| Supplement | | | Mineral | | | | | | Total Monthly Costs \$ |
|---------------------------|------------|-----------------|---------------------------|------------|-----------------|---------------------------|------------|-----------------|------------------------|
| Weight Per Day/ Per Month | \$/Wt Unit | Cost / Month \$ | Weight Per Day/ Per Month | \$/Wt Unit | Cost / Month \$ | Weight Per Day/ Per Month | \$/Wt Unit | Cost / Month \$ | |
| 100 300 | \$0.10 | \$30.00 | 0.05 1.5 | \$0.05 | \$0.75 | 0.5 1.5 | \$0.05 | \$0.75 | \$52.50 |
| 1.2 6 | 0.34 | 2.04 | / | / | / | / | / | / | 4.92 |
| 1.2 36 | 0.34 | 12.24 | / | / | / | / | / | / | 33.17 |
| / | / | / | 0.25 7.75 | 0.15 | 1.16 | / | / | / | 23.93 |
| / | / | / | 0.25 7.75 | 0.15 | 1.16 | / | / | / | 24.72 |
| / | / | / | 0.25 7.25 | 0.15 | 1.09 | / | / | / | 23.84 |
| / | / | / | 0.25 7.75 | 0.15 | 1.16 | / | / | / | 26.66 |
| / | / | / | 0.25 7.50 | 0.15 | 1.13 | / | / | / | 22.96 |
| / | / | / | 0.25 7.75 | 0.15 | 1.16 | / | / | / | 17.44 |
| / | / | / | / | / | / | / | / | / | 4.20 |
| / | / | / | / | / | / | / | / | / | |
| (D.4) 42 | | (E.4) 14.28 | (D.5) 45.75 | | (E.5) 6.86 | (D.6) | | (E.6) | 181.84 |

Total Yearly Cost of Feed: For members using more than 6 different types of feeds, please photocopy one of these pages.

| | | | | | | |
|-------|-------|-------|-------|-------|-------|--------|
| (E.1) | (E.2) | (E.3) | (E.4) | (E.5) | (E.6) | (E) |
| 36.90 | 60.38 | 63.42 | 14.28 | 6.86 | | 181.84 |

ESTRUS (HEAT RECORD)

Record estrus (heat) cycles on this page. This will help you to calculate when your animal's next estrus will occur. By keeping a record of estrus cycles, you will know when to watch for signs of estrus activity to show that breeding is more likely to be successful.

Yearly Estrus Calendar

On the calendar below, keep a record of the following information (use symbols indicated):

estrus (E) **standing heat (S)** **bred (B)**

January

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

February

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | | | | | | |

March

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

April 2004

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

May

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

June

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

July

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

August

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

September

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

October

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

November

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

December

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

BREEDING PROGRAM

Complete the appropriate sections below.

| | | | |
|---|-----------------|--|--|
| Date bred (artificial) or first exposed to breeding (natural) | April 16, 2004 | | |
| Date of conception | April 16, 2004 | | |
| Artificial (A) or Natural (N) breeding | Natural | | |
| Age of Animal | 15 months | | |
| Weight of Animal | 1170 lbs | | |
| Sire Used (Name/number if known) | Red Sentinal | | |
| Date Due | Jan 22, 2005 | | |
| Comments | | | |

OFFSPRING RECORD

Sire (if known) _____

Birthdate _____ Birth Weight _____

Weaning Date _____ Weaning Weight _____

Breed _____ Sex _____

Identification/Tag number _____

FINANCIAL SUMMARY

Value of animal at end of project year

Use sale price or estimated value (B, page 6)

\$ 2500.00 (B)

Sale or value of calf

+

Total value

\$ 2500.00 (G)

Expenses

Purchase price or value at beginning of year (A, page 6)

\$ 1500.00 (A)

Total Feed Cost (E, page 11)

+ \$ 181.84 (E)

Total Other Costs (F, page 12)

+ \$ 128.50 (F)

Total Health Costs (C, page 8)

+ \$ 8.00 (C)

Equipment Inventory Adjustment

(from C, page 10 Market Beef Project Record Book)

+ \$ 25.35 (C)

Total expense

\$ 1843.69 (H)

Profit or Loss Calculation

Total value (G) - Total expense (H) = Profit or loss (I)

$$\begin{array}{r}
 \$ 2500.00 \\
 \text{(G)}
 \end{array}
 -
 \begin{array}{r}
 \$ 1843.69 \\
 \text{(H)}
 \end{array}
 =
 \begin{array}{r}
 \$ 656.31 \\
 \text{(I)}
 \end{array}$$

RECORD OF MY PROJECT'S PROGRESS

| Month | Comment - How did your project do this month, questions, comments? |
|---------------|---|
| Oct. 2003 | <p>Member: We had weigh in this month. My heifer weighed 775 lbs</p> <p>Leader:</p> |
| Nov. 2003 | <p>Member: My heifer has been tied up once.</p> <p>Leader: Good work! Dec 1/03 gmu.</p> |
| Dec. 2003 | <p>Member: I tied up my heifer again!</p> <p>Leader: Jan 5/04 gmu</p> |
| Jan. 2004 | <p>Member: We weighed my heifer again.</p> <p>Leader: Feb 1/04 gmu</p> |
| Feb 2004 | <p>Member: My heifer, is gaining lots of weight!</p> <p>Leader: Check bedding costs. that book Mar 1/05 gmu</p> |
| March 2004 | <p>Member: We weighed Flower.</p> <p>Leader: gmu April 1/05</p> |

RECORD OF **MY PROJECT'S PROGRESS**

| Month | Comment - How did your project do this month, questions, comments? |
|---------------|--|
| April 2004 | Member: My heifer was bred to Sentinal. |
| | Leader: Great to see your heifer's progress! from May 1/05. |
| May 2004 | Member: My heifer is improving! |
| | Leader: |
| June 2004 | Member: My heifer did great at Achievement Day. |
| | Leader: |
| | Member: |
| | Leader: |
| | Member: |
| | Leader: |
| | Member: |
| | Leader: |