

ABOUT ME

My Name: Bob Member Phone Number: 780-555-1212

My Address: Box 4321

Anywhere, Alberta T4H 4H4

My age on January 1 this year: 14 This is my 5th year in 4-H

ABOUT MY CLUB

Club name Anywhere 4-H Sheep Club

Number of members 8 My club has been operating for 28 years

4-H district Vermilion 4-H region Northeast

Club Leader(s) Name: John Member Phone: 555-1212

Name: I. M. Leader Phone: 555-3443

Name: _____ Phone: _____

CLUB EXECUTIVE

President Name: Bob Member Phone: 555-1212

Vice President Name: Jill Leader Phone: 555-3443

Secretary Name: John Member Phone: 555-5678

Treasurer Name: Jane Brown Phone: 555-9114

Press Reporter Name: _____ Phone: _____

Any Others Name: _____ Phone: _____

Name: _____ Phone: _____

MORE ABOUT ME

I joined 4-H this year because...

I wanted to learn more about raising sheep. I also would like to host a Japanese Exchange student this summer.

This year in 4-H, I hope to accomplish...

I would like to meet 4-H members from across the region.

I want to learn more about multi-species judging.

This year I will contribute to my club by...

doing the Treasurer's job. As well, helping junior members in all aspects of the club and their project.

ABOUT MY MARKET LAMB PROJECTName of animal SamDate of birth February 7, 2004Purebred or crossbred Crossbred Breed Suffolk/DorsetCSIP Eartag 310 155 493 4-H Eartag or Tattoo 712307 V15Name / Breed of Dam J4 / SuffolkName / Breed of Sire Rocky / DorsetDate market lamb purchased Homegrown

Purchased from: Name _____ Phone Number _____

Address _____ Postal Code _____

Purchase price or initial value: \$60.00

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

PROJECT PLANNING

Complete this section at the beginning of the project year.

How many and what kinds of animals will you care for? (Market lamb versus pen)

I will take 1 market lamb project
for this club year.

What will you do to take care of them? (Example: feed, exercise, grooming)

I will feed and water my lamb every
day.

What skills do you want to learn or improve on? (Example: learn to trim hooves, improve judging)

I want to learn more about judging.

What goals do you want to accomplish with your project? (Example: put records on the computer, have a steady average daily gain.)

My goal is for my market lamb to
be finished in time for Achievement
Day.

What activities do you want to try? (Example: day camp, judging clinic)

I would like to attend a judging clinic.

ANIMAL MANAGEMENT

Your animal requires regular care and management. Here is the place to explain what you regularly do for or with your animal on a daily, weekly, monthly and yearly basis. Be as specific as possible.

Remember to list the following:

- Feeding and watering practices
- Bedding
- Grooming (shearing, trimming hooves)
- Check health
- Cleaning pens, feed and water containers
- Manure removal
- Checking and repairing facilities as needed: fencing, pens, barns, etc.

What I do for / with my project animal...

Daily:

Feeding and watering;

Bedding

Clean water and feed containers

Weekly:

Cleaning pens, manure removal

Weigh lamb

Monthly:

Yearly:

GOAL SETTING

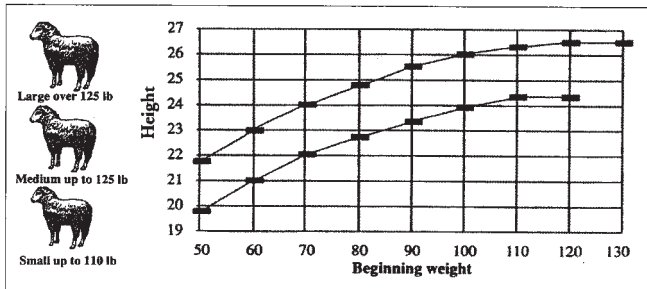
To achieve success with your 4-H market lamb project, it is important you know the estimated final weight of your animal and keep track of your progress towards that goal throughout the feeding period. Determining the finished weight and average daily gain are important in setting goals for your project and then decide on a feeding plan to reach that goal.

Initial Weigh-In Date: May 25, 2004

Initial Animal Weight: 70 (lbs) or kg

Wither height: 21½ inches

Find the **wither height** on the left of the graph and the **beginning weight** at the bottom. Find where the height and the weight intersect on the graph and mark that point with a marker. If the point is on or above the top line the animal has a **large** frame. If the point is on or below the bottom line then the animal has a **small** frame size. If the point lands between but not on either line then the animal has a **medium** frame.



My Animal's frame size is Small. My Goal for finished weight is 110 lbs.

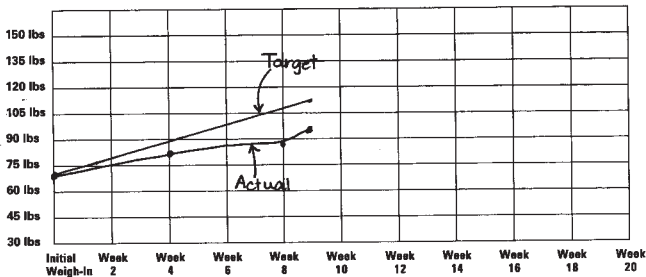
Estimate of Required Average Daily Gain

Estimated finished weight	Beginning weight	Total required gain	Days in feeding period	Targeted average daily gain
<u>110 lbs</u>	<u>70 lbs</u>	<u>40 lbs</u>	<u>64</u>	<u>0.63 lbs</u> day

GROWTH CHART

Now that you have your estimated final weight and your targeted average daily gain you can make a chart to help you track your animal's progress. In the chart below plot the predicted growth curve (based on the average daily gain) and then plot the actual weight of your animal at various times during the feeding period to determine if you are "**on target**". Compare the actual growth curve with the targeted growth line. Are there any adjustments needed in how much you are feeding?

Growth Chart



1. Mark the **initial weight** at the appropriate location on the left-hand side of the table.
2. Mark the **estimated final weight** at the appropriate location for the number of weeks in the feeding period.
3. Connect these 2 points with either a straight or curved line; based on your predicted average daily gain.

Each time you weigh your animal, record that weight on the **Growth Chart**, connect this point with the previous actual weight. Also, record your animal's weight in the **Project Weight Record Table** (page 12), each time it is weighed during the feeding period.

Your animal should be weighed weekly to keep an accurate account of its growth.

PROJECT INFORMATION AND CLUB ACTIVITY LOG

This section is for members to record related information that is not anywhere else. It is important to always keep track of the meetings, field trips and events you participate in and learn from your experiences. Describe with detail what you did, what you learned and what you completed during the year as a group or on your own.

Date	Meeting, Field Trip, At Home or Event	What did you learn or accomplish?
Example: Nov. 12	At home, working with dad	Learned how to give Sub-Q injections and castrate lambs
Sept. 19 2003	Reorganization meeting	Election of officers Upcoming events discussed
Oct. 24 2003	Regular Meeting	Discussed display for 4-H week, Christmas Party
Nov. 28 2003	Awards Night	Received ATB Silver Award of Excellence
Dec. 7 2003	Volleyball Tournament	Met 4-H members from across the region
Dec. 22 2003	Christmas Party and Regular Meeting	Discussed public speaking and presentations
Jan. 15, 16, 2004	Fundraising Event - Farm Curl	Raised \$250.00
Jan. 16 2004	Regular Meeting	Gave report on the fundraising event.
Feb 27 2004	Public Speaking and Presentation Competition	I did my speech on "The NHL Today"
March 12 2004	Judging Workshop	Learned more about oral reasons.
March 14 2004	Tour and Demonstration	Learned more about tail docking and castration
May 8 2004	Regular Meeting and Trimming Demonstration	Discussed Mock Show
June 5 2004	Mock Sheep Show and Interclub Meeting	Discussed upcoming Achievement Day.
June 24 2004	Community Service Project	Painted panels for Ag. Society
July 17 2004	Fundraising Event	Sold BC. fruit

MONTHLY PROJECT REPORTS

Fill out the monthly project reports only for those months when you are working on your project.

Month	Comment - How did your project do this month, questions, ideas?	
February	Member: My lamb was born on February 7, 2004. I gave it $\frac{1}{4}$ mL of Selenium E and $\frac{1}{4}$ mL of Vitamin AD 500.	
	Leader:	Leader Initials: JML
March	Member: My lamb is getting bigger. He is starting to eat a bit of hay.	
	Leader:	Leader Initials: JML
April	Member: My lamb is growing lots. He is steadily eating hay and is starting to eat grain. We feed the lambs barley and peas.	
	Leader:	Leader Initials: JML.
May	Member: I tagged my lamb. Also my lamb was weaned.	
	Leader:	Leader Initials: JML
June	Member: My market lamb is gaining weight. I hope that he will be finished on time.	
	Leader:	Leader Initials: JML.

Month	Comment - How did your project do this month, questions, ideas?	
July	Member: On July 27, I took my lamb to Achievement Day. He wasn't quite finished.	
	Leader:	Leader Initials:
	Member:	
	Leader:	Leader Initials:
	Member:	
	Leader:	Leader Initials:
	Member:	
	Leader:	Leader Initials:
	Member:	
	Leader:	Leader Initials:
	Member:	
	Leader:	Leader Initials:

MONTHLY FEED RECORD

Include the values of pasture, silage, hay and grain that your project animal eats. If you share feed with someone else, calculate and record only the value of the feed your own animals eat.

Monthly Record For: May 2004

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit	Monthly Feed Cost (\$)
Grain (barley & peas)	7	2	14	0.05/lb	\$0.70
Hay	7	1	7	0.03/lb	\$0.21
Sub Totals			Total (A1) 21		Total (B1) \$0.91

Monthly Record For: June 2004

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit	Monthly Feed Cost (\$)
Grain (barley & peas)	30	2	60	0.05/lb	\$3.00
Hay	30	1	30	0.03/lb	\$0.90
Sub Totals			Total (A2) 90		Total (B2) \$3.90

Monthly Record For: July 2004

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit	Monthly Feed Cost (\$)
Grain (barley ; peas)	27	2	54	0.05/ lb	\$ 2.70
Hay	27	1	27	0.03/ lb	\$ 0.81
Sub Totals			Total (A3) 81		Total (B3) 3.51

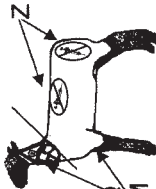
Monthly Record For:

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit	Monthly Feed Cost (\$)
Sub Totals			Total (A4)		Total (B4)

Date	Condition Being Treated	Estimated Weight	Treatment Administered (Medication, amount dispersed, amount and route of administration)	Lot #	Person Giving Treatment	Withdrawal Period	Withdrawal Complete Date	For Prescription or extra drug use list Vets Name	Cost \$
Feb 7	Prevention		Vitamin AD500 1/4 mL	XFJ53	self with help from parents				\$0.03
Feb 7	Prevention		Selenium E 1/4 mL	54 XTP4	self with help from parents				\$0.05
April 10	Tail docking Castration		used rubbers						\$0.04
TOTAL COST									\$0.12

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

Dates Fed	Medication Name (Medication added/included in feed and approximate amount of medication)	Withdrawal Time (Instructed)	Withdrawal Complete (Date)
None fed.			



NEVER inject into the leg or loin area (Z)

Mark on the diagram where you have given your animal injections

Give Subcutaneous (Sub-Q) injections under loose skin of neck or front flank using tented method.

Give Intramuscular (IM) injections in the neck.

If label indicates a choice, use Sub-Q (under the skin) injections

Prohibited Feed Affidavit

I, **Bob Member** (print), of the **Vermilion Sheep** 4-H Club, attest that to the best of my knowledge, the ration fed to sheep under my authority, direction or ownership and which are supplied to any packer in Canada have not been fed "prohibited material" as defined in the Mammalian to Ruminant feeding Ban SOR87-362 (Amendments to the Regulations Respecting the Health of Animals, SOR81-525), made pursuant to the Health of Animals Act S.C. 1980, c21

4-H Member's Signature

Bob MemberDate **July 27, 2004**

Parent or Guardian Signature

Date **July 27, 2004**

FINANCIAL SUMMARY

Income

Sale price or estimated value of animal at end of project

\$ 135.00

Income (Other Costs, Page 21)

+

Total Income

= \$135.00

Expenses:

Purchase Price or initial value of animal

\$ 60.00

Depreciation Cost (Page, 9)

+ 6.62

Feed cost from (Feed Record, Page 18)

+ 8.32

Health costs (Page 19)

+ 0.12

Other Costs (Page 20)

+ 23.05

4-H Project Related Costs (Page 21)

+ 0

Total Project Expense

= 98.11

Profit or Loss Calculation:

Total Income - Total Project Expense = **Profit or Loss**

\$135.00

- \$98.11

= 36.89

MY ANIMALS PERFORMANCE:

Final Weight – Initial Weight = **Total Weight Gain**

$$\boxed{94 \text{ lbs}} - \boxed{70 \text{ lbs}} = \boxed{24 \text{ lbs}}$$

Total Weight Gain ÷ Number of Days on Feed = **Average Daily Gain**

$$\boxed{24 \text{ lbs}} \div \boxed{64 \text{ days}} = \boxed{0.38 \frac{\text{lbs}}{\text{day}}}$$

Junior members, continue on page 25. Intermediate and Senior members continue to work through the calculations.

Feed Cost per kilogram or pound of Weight Gain

Total Feed Cost
(from Expense Record)

= **Feed Cost per kilogram or pound of Weight Gain**

Total Weight Gain

$$\frac{\boxed{\$8.32}}{\boxed{24 \text{ lbs}}} = \$ \boxed{0.35}$$

This tells you how much it costs to feed your animal(s) for one kilogram or pound of gain in weight. This does not include your other expenses

Total Cost per kilogram or pound of Weight Gain

Total Project Expense – Initial Value

= **Total Cost per kilogram or pound of Weight Gain**

Total Weight Gain

$$\frac{\boxed{\$98.11} - \boxed{\$60.00}}{\boxed{24 \text{ lbs}}} = \$ \boxed{1.59}$$

Break-Even Sale Price Needed to Cover All Costs

$\frac{\text{Total Project Expense}}{\text{Actual Sale Weight}} = \text{Break-Even Sale Price Needed to Cover All Costs}$

$$\frac{\$98.11}{94 \text{ lbs}} = \$1.04$$

Real Market Price For Your Project

If you had sold this animal at today's market price, would you have made a profit or loss?

Current Market Price X Actual Sale Weight (W) = Real Market Value

$$\$0.75/\text{lbs} \times 94 \text{ lbs} = \$70.50$$

Real Market Value (X) - Total Expense = Real Life Profit or Loss

$$\$70.50 - \$98.11 = -\$27.61$$

LOOKING BACK

What I learned this year

This section is to be completed at the end of the 4-H year. It is meant to help you look back on all that you have learned during the past year. Look back on the goals you set for yourself at the beginning of the year. How well did you meet those goals?

Did you improve or learn the skills you wanted to learn?

I attended a judging clinic and learnt more about giving reasons.

Did you accomplish the goals you set for yourself?

I learnt more about raising sheep, grooming and showmanship.

I hosted a Japanese Exchange student. This was an excellent experience.

Did you try the new activities that you wanted to try?

I attended Winter Camp - I met other 4-H members from across the region and had fun trying different winter sports.

In what ways did you and help or teach others?

I helped the junior members prepare for Achievement Day.

PLANNING FOR NEXT YEAR

* Senior members only to complete this page.

Target Finish Weight (kg or pounds) – Estimated Purchase Weight (kg or pounds) = **Estimated Gain**

$$115 \text{ lbs} - 80 \text{ lbs} = 35 \text{ lbs}$$

Target Finish Weight (kg or pounds) X Estimated Future Market Sale Price = ~~Expected~~ ^{Estimated} **Sale Value**

$$115 \text{ lbs} \times \$ 1.00 / \text{lb} = \$ 115.00$$

Total Cost per kg or pound of Weight Gain (from page ²³ ~~24~~) X Estimated Gain = **Estimated Cost of Gain**

$$\$ 1.59 \times 35 \text{ lbs} = \$ 55.65$$

Estimated Sale Value – Estimated Cost of Gain = **Margin Over Cost of Gain**

$$\$ 115.00 - \$ 55.65 = \$ 59.35$$

Margin Over Cost of Gain = **Break Even Purchase Price for next year**
Purchase Weight (kg or pounds)

$$\frac{\$ 59.35}{80 \text{ lbs}} = \$ 0.74 / \text{lb.}$$

MY 4-H STORY

Write a story about what you did with your project this year. Tell us about your reasons for choosing this project, and the things you enjoyed most and least about it. Include the responsibilities you had, challenges you faced and the decisions you made. Tell about your animals, activities you participated in with your animal and the special awards you received. Also, tell how you taught, led or helped other people. You may add another page if you need more room.

On February 7th, 2004, J4 gave birth to a single lamb. I selected this lamb because I thought it was the best one in our flock.

In the beginning, my lamb did not lead very well at all. I worked with Sam every day. By Achievement Day, I was able to lead Sam without a halter.

Sam was fed hay and a barley and pea grain mixture. At Achievement Day, Sam was not quite finished. He needed a bit more grain and a bit longer feeding period.

I also showed Sam at the local fair. We did really well in Showmanship class.