

The 4-H Motto

"Learn to Do by Doing"

The 4-H Pledge

I pledge

My Head to clearer thinking,

My Heart to greater loyalty,

My Hands to larger service,

My Health to better living,

For my club, my community, and my country.

The 4-H Grace

(Tune of Auld Lang Syne)

We thank thee, Lord, for blessings great on this, our own fair land. Teach us to serve thee joyfully, with head, heart, health and hand.

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Check out our web site at: http://www.4h.ab.ca for an on-line version of this record book.

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RECORD BOOK

THE CREED OF THE 4-H STOCK KEEPER

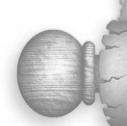
I will:

- 1. Provide comfortable and sufficient quarters for my livestock.
- 2. Feed my livestock on time each day.
- 3. Provide animals with clean water at all times.
- 4. Keep my animals free from parasites.
- 5. Strive to keep my livestock in good health.
- 6. Learn as much as possible about the best methods of feeding and caring for livestock.
- 7. Strive to improve the breeding and quality of my livestock, and of the livestock in my community, from year to year.
- 8. Be kind to animals.
- 9. Always be a good sport in competition.
- 10. Keep an accurate record of my projects.
- 11. Strive to fulfill the basic requirements of being a 4-H Club Member.

I have read and agree to abide by this creed.

Member's Signature

Parent's Signature



ABOUT YOUR RECORD BOOK

Why do we keep records in 4-H?

- To record information about your animal.
- To record the work you have done.
- To record your club activites
- To learn the importance of keeping accurate records in any business.
- So you can see the actual costs involved in completing your project. Without records, you cannot
 accurately tell how much of a gain or loss you have made on your investment.

What is involved in a good record book?

- **Completeness** A good record book has all the required information completed.
- Accuracy Your figures and information should be accurate and up-to-date. Be accurate when weighing your feed and your animal.
- Neatness Neatness is important in your record book. We realize that your working on your record book throughout the year and iwll do your best to keep your book neat.
- Personality This is your record book. Be original and personal in the information you keep in your book. Add photographs, pictures, newspaper and magazine articles on you, your club, your projext type and 4-H. Your record book will be important to you for many years.

This record book is flexible. Put these pages into your binder. You may want to add extra pages if you need more room. Check with your leader whether your club prefers to have additional information in your record book. Make this your personal record book.

Transportation Regulations

When you transport your livestock within Alberta, the regulations require the livestock to be accompanied by a completed Livestock Manifest. This means that when you transport your livestock from your farm to an event, or any club activity, the manifest must be completed before the vehicle leaves your property.

Livestock owners over the age of 18 are required to have a Premises Identification (PID) account. If you are boarding your animal at someone else's place you are still required to have your own PID account but you will use the landowners PID number on your manifests and other offical forms.

All cattle must be ear tagged with a mandatory CCIA (Canadian Cattle Identification Agency) approved tag before being transported.

Looking for the record book online?

On the 4-H Alberta web site, www.4h.ca, click on Resource Log-In, under the category Livestock, this resource is available to be downloaded and saved as a PDF. In ordeer to access this information you will need to log in using alberta4h (username) and cleaver (password), both are case sensitive.

ABOUT ME	
My Name:	
My Address:	
Email Address:	
Phone Number:	Premises ID#:
My age on January 1st of this 4-H year:	This is my year in 4-H
I joined 4-H this year because	
This year in 4-H I hope to accomplish	
,	
This year I will contribute to my club by	
The number and what kinds of animals I w	vill care for

ABOUT	MY CLUI	В	
Club name			
		My club has been operating for	
4-H district		4-H region	
Club Leader(s)	Name:	Phone:	
	Name:	Phone:	
Club e-mail cont	act:		
CLUB EX	ECUTIV	E	
President	Name:	Phone:	
Vice President	Name:	Phone:	
Secretary	Name:	Phone:	
Treasurer	Name:	Phone:	
OTHER C	CLUB PO	SITIONS	
	Name:	Phone:	
		Phone:	
	_ <i>Name:</i>	Phone:	
	_ <i>Name:</i>	Phone:	

______ Name: _______ Phone: _____

ABOUT MY MARKET LAMB PROJECT					
Name of Animal	Date of Birth / /				
CSIP Eartag	4-H Eartag				
Date Project Purchased					
Purchased from	or				
Date Market Lamb was chosen from	m chosen from your flock				
3	Price (\$/ b) = Initial Value of Project Animal (A) your flock, base the inital value on the current market price (A)				
Initial Weigh Date:	Weight at Weigh In (kg/lbs):	(B)			
Sale Weigh Date:	Sale Weight (kg/lbs):	(C)			
Number of Dave on Food (include initial)	and final day): (7)				

HINT: Round to two decimal places. For example, use 2.96 lbs instead of 2.956 in your calculation.

PROJECT PHOTOS

Include two photos: One taken within the first month of Weigh-In Day and the second within two weeks of Achievement Day (label and include date).

PROJECT PLANNING AND ANIMAL MANAGEMENT

Your project animal requires regular care and management. Explain what you regularly do for or with your animals on a daily, weekly, monthly and yearly basis. Be as specific as possible.

Remember to consider the following:

- Feeding and watering practices
- Bedding
- Grooming
- Vaccinations
- Shearing
- Health check
- Cleaning pens, feed and water containers
- · Check and repair fence

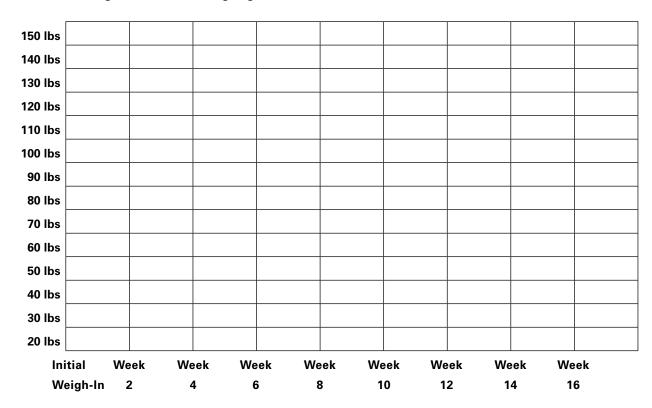
What I do for my project animal...

DAILY	WEEKLY	MONTHLY	YEARLY
What skills do you w	ant to learn or impr	ove on?	
What goals do you w	vant to accomplish v	vith your project?	
, , ,	,	, , , , , , , , , , , , , , , , , , ,	
What other 4-H activi	ities do you want to t	ry?	

GROWTH CHART AND RATE OF GAIN RECORD

Growth Chart

Trace in the target and actual weight gain



Rate of Gain Record (weight gain/number of days = ADG)

Date					
Number of Days					
Ending Weight					
Starting Weight					
Weight Gain					
Average Daily Gain (ADG)					

Final Weight (C) – Initial Weight (B) = Total Weight Gain (D)

(0	(C) _	(B) =	(D)
----	-------	-------	-----

HEALTH RECORD

Date	Condition Being Treated	Estimated Weight	Treatment Administered (Example: Penicillin O.I cc IM)	Medication Lot #	Person Giving Treatment	Withdrawal Period	Withdrawal Complete Date	Cost (\$)
TOTAL HEALTH COST (E)								

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)

Prohibited Feed Affidavit

I, (print), of the	4-H Club,
attest that to the best of my knowledge, the ration fed to sheep under my authority, direction or ownership and v	vhich are
supplied to any packer in Canada have not been fed "prohibited material" as defined in the Mammalian to Rumin	ant Feeding Ban
SOR/97-362 (Amendments to the Regulations Respecting the Health of Animals, SOR/91-52S), made pursuant to	the Health of
animals Act S.C. 1990, c21. (To be signed the day of the sale.)	

4-H Member's Signature	Date
Parent or Guardian Signature	Date



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.

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:

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 (A1)		Total (B1)

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 (A2)		Total (B2)

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 (A3)		Total (B3)

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)

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 (A5)		Total (B5)

FEED COST SUMMARY

Month	Total Number of Days on Feed	Feed Weight (A1-A5)	Feed Cost / Value (B1-B5)
TOTALS	(Z)		(F)

Equipment Inventory

This page will be used to keep track of all equipment that the member owns and all the items will be assigned a value. The Equipment Inventory will be continuous from year to year and should be transferred to the current Record Book each year. Do not include items that you put in Other Costs.

Date	Equipment Item	Value of Purchased Equipment or Carried Forward
Oct. 1, 20XX	Rope halter	\$10.00
Nov. 5, 20XX	Lost trimming shears	\$25.00
Nov. 8, 20XX	New trimming shears	\$25.00
Dec. 1, 20XX	New show halter	\$20.00
		T. (- 1 (D)
		Total (R)

4-H PROJECT EXPENSES AND INCOME

Examples Include project related costs such as bedding, trucking, yardage, tags, etc. Also include project event costs such as: gas, meals, lodging, show supplies, show shirts, project event fees and workshops. The cost of new equipment, that you will use for more than one year, is recorded in the Equipment Inventory (page 9). You assume that items such as show supplies are used up yearly, so you would record them here. Cash prizes at fairs and related shows. Also include the dollar value of prizes won.

Date	Items Purchased, Expenses or Money Earned	Expense	Income
February 7	Yellow Allflex RF I.D. Tag	\$ 4.20	
March	Bedding	\$ 2.50	
April 15	Grooming workshop - gas, entry fee, lunch, cash prize	\$ 2.95	\$10.00
	Totals	(G)	(H)

FINANCIAL SUMMARY

Income:

Actual Sale Weight (C, page 5) x Actual Sale Price per kg / lb

Income (H, Page 14) +

Total Income = (J)

Expenses:

Purchase Price or Initial Value of Animal (A, Page 5)

Health Costs (E, Page 9) +

Feed Cost (F, Page 12) +

Equipment Costs (R, Page 13) +

4-H Project Related Expenses (G, Page 14) +

Total Project Expense = (K)

Profit or Loss Calculation:

Total Income (J) – Total Project Expense (K) = **Profit or Loss** (L)

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 (C, Page 5) = Real Market Value

Real Market Value (P) – Total Project Expense (K, Page 15) = Real Life Profit or Loss

$$(P) - (K) = (Q)$$

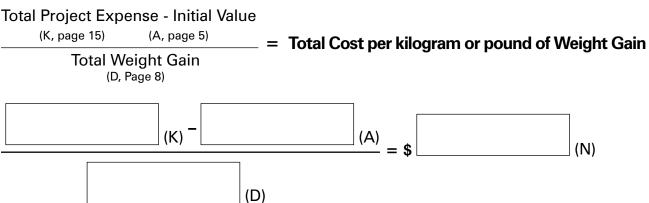
MY ANIMAL'S PERFORMANCE

Intermediate and Senior members continue to work through the calculations.

Feed Cost per kilogram or pound of Weight Gain

This tells you how much it costs to feed your animal 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



Break-Even Sale Price Needed to Cover All Costs

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?				
	Member:				
	Leader:	Leader			
	Leader:	Leader Initials:			
	Member:				
	Leader:	Leader			
		Initials:			
	Member:				
	Welling!				
	Leader:	Leader			
		Initials:			
	Member:				
	Leader:	Leader Initials:			
	Member:				
	Leader:	Leader			
		Initials:			
	Member:				
	Welling!				
	Leader:	Leader			
		Initials:			

RECORD OF YOUR CLUB'S ACTIVITIES

Date	Things discussed, special speakers, activities, responsibilities, location and so on.					

Record of Club Activities (continued)

Dete	Thing discussed angula machine and the management of the managemen
Date	Things discussed, special speakers, activities, responsibilities, location and so on.

REFLECTIONS OF MY MARKET LAMB

Vrite a story about your 4-H year. Tell us about your 4-H project and what you've earned this year. Tell us about the activities your were involved in.				

PHOTOGRAPHS

PLANNING FOR **NEXT YEAR**

Clubs may want senio	or members only to com	plete this page.	
Target Finish Weight (kg/lbs	s) – Estimated Purchase Weigh	t (kg/lbs) = Estimated Weight	Gain
	-	=	(kg/lbs)
Target Finish Weight (kg/lb	s) X Estimated Future Market	Sale Price = Estimated Sale V	⁄alue
]	7
	X	=	
Total Cost per kg or pound	of Weight Gain (from page 16)	X Estimated Weight Gain = Est	imated Cost of Gain
	x	=	
			J
Estimated Sale Value – Es	timated Cost of Gain = Estim	ated Margin Over Cost of Ga	in
	-	=	
Estimated Margin Over Co	st of Gain	ven Purchase Price for next y	10.3r
Estimated Purchase Weigh		ren ruichase riice for next y	'Cai
		7	
	=		
	-	_	



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The RFID Advantage

In the sheep industry, as in any business, we are always looking for ways to be more efficient, increase profitability, and to make our jobs easier. The Canadian Sheep Identification Program (CSIP) has transitioned to Radio Frequency Identification (RFID) tags and technology to provide improved management tools and to prepare the industry for national traceability.

The RFID factsheet series will help producers take maximum advantage of these opportunities.

Small Changes Can Yield Big Benefits

Producers with smaller flocks can comply with CSIP RFID requirements, and upcoming traceability legislation, without a large investment in equipment or technology. All you need are the right tags and the right tagger.

Research conducted, and experience gained, through the Alberta Lamb Traceability Pilot Project (LTPP) is yielding valuable management and productivity information for producers with flocks of all sizes.

LTPP producer participants found the Shearwell tag saved time and effort by being easy to apply, having a low infection rate and a retention rate of over 99%; it's also the most cost effective RFID tag.

Commercial and seed stock producers can use complete RFID systems to realize profit-boosting management and operational efficiencies. An RFID system is made up of various components; RFID tags, electronic tag readers, and management software. Optional components include electronic scales and handling systems.

When government mandated traceability is implemented, Alberta producers will be ready and can be proud that they are leading the way in the industry in using this innovative new technology.

Traceability is a farm gate-to-plate tracking system that strengthens industry confidence in the quality of our product and supports more efficient operations at every stage of the value chain.

Please visit the Canadian Sheep Federation website to see eight short, step-by-step, instructional videos on tagging your animals.

Canadian Sheep Federation website: www.cansheep.ca/cms/en/tagvideos.aspx

Your partners in Building Better Lambs:





CSIP RFID tags

The Canadian Sheep Identification Program (CSIP) is a mandatory identification program for sheep in Canada, implemented January 1, 2004. All sheep and lambs must bear a CSIP ear tag before they leave the farm of birth or other location; even temporarily such as shows, veterinarian, community pasture.

There are two Radio Frequency Identification (RFID) ear tags currently approved for use on the Canadian Sheep Identification Program (CSIP).

Allflex Button Tags

Are sold as a two-part set – ensure front and back numbers match





For best tag retention and readability

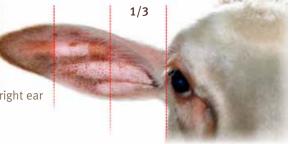
- Follow the manufacturer's directions
- Use the right RFID tag applicator (tagger)
- Apply the tags in right position (close to the head)
- Apply the tags between the cartilage (ribs) of the animal's right ear
- The tag transponder should be on the inner side of the ear
- Animals must have only one RFID tag

Shearwell Loop Tags

- Put the tag on the top of the ear.
- Leave room for the ear to grow when tagging baby lambs.



1/3



CSIP Pink metal Kurl-lock tags are no longer available for purchase. Existing stocks may be used up until the Canadian Food Inspection Agency revokes this tag. Once the tag is revoked it can no longer be used as a CSIP tag.

Don't leave home without one -

- All sheep and lambs must bear a CSIP tag before leaving the farm of origin or any subsequent premises.
- It is illegal to transport or accept sheep and lambs without CSIP tags.
- When buying sheep or lambs privately, make sure they have a CSIP tag.
- CSIP is a national program, retagging is only necessary when an animal loses its tag.
- Keep a record of:
 - All sheep or lambs entering your premises for breeding, feeding or even temporary holding.
 - All sheep 18 months or older leaving your farm, other than those sold directly to a federally or provincially inspected abattoir. Retain records of all animals shipped to slaughter.
- Imported sheep and lambs must have a CSIP applied within 7 days of arrival.
- All sheep and lambs entering Quebec must bear a CSIP approved paired tag.
- Full information on CSIP is available from the Canadian Sheep Federation website www.cansheep.ca
- In Alberta, Premises Identification is mandatory it is a unique identifying number assigned to a specific piece of property. To apply for your PID visit www.agriculture.alberta.ca/premises or call the Ag-Info Centre at 310-FARM (3276)
- All sheep are required to be accompanied by an Alberta livestock manifest when transported. Manifests are available at auction markets or from Livestock Identification Services Ltd. at 1-866-509-2088 www.lis-alberta.com.

RECORD BOOK

Suggested Marking Guide for Market Lamb Project Record Book

	FIRST MONTH				LAST MONTH
Stock Keeper Creed (1 point)					
About Me (5 points)					
About My Club (4 points)					
About My Project (5 points)	-				
Project Planning (2 points)	_				
Animal Management (2 points)					
Equipment Inventory (5 points)					
Growth Chart (1 point/month)					
Rate of Gain Record (1 point/month)					
Health Record (2 points/month)					
Monthly Feed Record (5 points/month)					
Feed Cost Summary (3 points)					
Project Related Costs and Income (5 points)					
Financial Summary (5 points)					
My Animal's Performance (5 points)					
Monthly Project Reports (2 points/month)					
Club Activities (2 points/month)					
Story of My 4-H Year (10 points)					
Photographs (5 points)					
Planning for Next Year (Senior members Only) (5 points)					
Total Score					

