



CANADA
4-H Saskatchewan

Field Crops

Record Book

4-H Motto

'Learn To Do By Doing'

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'

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



CANADA
4-H Saskatchewan

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Some Thoughts on Record Keeping

Your Record Book is a personal record of you and your activities in 4-H this year. The purpose of the record book is to provide you with a detailed account of your years' work. A complete book will be a useful reference in years to come and will also show your accomplishments for the year.

Your Record Book should include all or most of the following:

- ✓ Your club name and the project you are enrolled in.
- ✓ A list of members and leaders in your club and project.
- ✓ A record of club activities.
- ✓ A record of project meetings and your responsibilities.
- ✓ A record of general meetings and business conducted.
- ✓ A record of special 4-H activities you participated in.
- ✓ Your goals for the year.
- ✓ A complete account of the work done on each activity or article.
- ✓ A list of other resources that were used during the project year.
- ✓ An evaluation of your 4-H year.



Practice good record keeping habits during the year as you carry out your project. It's much easier to remember what you did yesterday than it is to remember what you did three months ago. Information in your Record Book should be complete and accurate. Your entries should be neat and readable as others may want to look through your records and everyone finds it difficult to read a smudged scribble. Organize your material into sections with dividers and use a 3-ring binder for durability. Add extra pages as necessary, remove or mark those you were not required to do and consider a 'table of contents' as it is of value to you, the judge and others.

Above all, remember that a Record Book is for your personal use. Be sure... to include the information you will want to remember or look up years from now!

Club Record Book for the Year

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Club Name _____

Name _____

Age _____ Number of Years in 4-H _____

Category CB (6-8) JR (9-12) INT (13-15) SR (16-21)

Project:

General Leader _____

Project Leaders _____

Club Executive President _____

 Vice President _____

 Secretary _____

 Treasurer _____

 Reporters _____

 Other _____

Project Members

Club Members

Project Goals

Project Enrolled In _____

Unit _____

Project Leader(s) _____

My crops project for this year is:

Cereals Oil Seed Pulse Forage Other _____

Type _____ Variety _____

My Field Size is _____ Hectares/Acres

This year I want to learn more about:

Project articles/lessons to be completed (what lessons or articles will you complete this year to achieve your goals?)

Other project requirements (workshops, clinics, field trips, displays, demonstrations, etc.)

Estimating Project Costs

Before you start your project, you should estimate the costs you will have while you raise your crop. Although you use equipment and land from your parents, you need to estimate what your cost will be.

This estimate will give you an idea how much cash you will need to take on your project. Use the cost you have estimated on the previous page. Once you establish these figures, you might negotiate with your local bank manager for an operating loan.

Cash Flow Field Cost Sheet – Per Acre				
Cost Item	Input (\$/acre)	Fuel (\$/acre)	Equipment (\$/acre)	Total Cost/ Acre
Land Rental				
Crop Insurance				
Field Preparation				
Fertilizer				
Seeding				
Spraying				
Swathing				
Combining				
Others				
Fall Work				
Total				

	Acres x		\$/Acre =		Field Cost
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Income	
Total	

Expense	
Field Costs (from above)	
Plot Sign	
Marketing Costs (trucking)	
Operating Loan Interest	
Others:	
Total	

	Income -		Expense		Profit/Loss
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Field Map

Number of Acres _____ Soil Type _____

Legal Description: Quarter _____ Section _____ Township _____ Range _____

Make an accurate map... Make your first sketch in pencil. Ink it in with a fine, black, felt-tip marker pen for a permanent record, once you are satisfied it is as accurate as you want. Fences, roads, headland, bush, low spots and buried stones are just a few of the items you may want to record. If you have underground lines of any kind, record them too!

NORTH

Drainage: Check one Good Fair Poor Bad

Field History

Year	Crop (Fallow, Wheat, Peas)	Chemicals Applied (Roundup, Avadex)	Seeding Date	Last Frost (spring)	First Frost (fall)

Last Soil Analysis

Date

N P

K S

Use of Field This Year

Seedbed Preparation and Seeding Operations

Start of:	Date	Weather Condition (wet, cool)	Crop Residue (%)	Seeding Depth/Rate (mm)	Field Condition (dry, ideal)
Field Work					
Field Work					
Seeding					

Record of Crop Development

	Date	Height (cm)	Leaf Stage (two leaf)	Crop Stand (sparse, thick)	Weather (wet, cool)	Soil Moisture (dry, ideal)
Green Up						
2 Weeks						
4 Weeks						
6 Weeks						
8 Weeks						
10 Weeks						

Harvest Record

Operation	Start Date	Weather Condition (wet, cool)	Field Condition (dry, ideal)	Seed Moisture Content (%)	Drying Required (hours)	Drying Temp. (°C)	End Date
Swathing							
Combining							
Drying							
Field Work							
Soil Test							

Yield and Inventory Record

Yield			Crop Inventory			
Crop Variety	Bushels/ Tonnes Acre	Tonnes Produced	Year	Tonnes Stored	Value (\$/tonne)	Inventory Value
			Start B			
			End C			

Precipitation and Frost Record

Date									
Temperature									
Soil Temperature									
Rain (mm)									

Equipment Operations

Operation					Fuel		
Date	Equipment Used in Operation	Acres Worked (h)	Cost/Acre (l)	Job Cost (h) x (l) (j)	# of litres (k)	Cost/litre (l)	Fuel Cost (k) x (l) (m)
Total (J)					Total (M)		

Revenue Record

Indicate all sources of revenue from your plot. Examples are grain, straw, compost, and screenings. Indicate the value of any donations of inputs received.

Date	Crop or Product	Grade	Amount Sold (kgs/tonnes) (n)	Price (\$/unit) (o)	Income (P) (n) x (o)
01/15	Roundup – DynAgra Donation				50.00
09/25	Barley	Malt	5 tonnes	200.00/tonne	1,000.00
Total (P)					

Financial Summary

Income Record

Total Revenue This Year (P from "Revenue Record")	\$	<input type="text"/>	(Q)
		+	
Closing Inventory Value (C from "Yield and Inventory Record")	\$	<input type="text"/>	(R)
<hr/>			
Total Project Income (Add Q thru R)	=	<input type="text"/>	(S)

Expense Record

Beginning Inventory Value (B from "Yield & Inventory Record")	\$	<input type="text"/>	(T)
		+	
Production Input Costs (G from "Input Costs")	\$	<input type="text"/>	(U)
		+	
Equipment Costs (J from "Equipment Operations")	\$	<input type="text"/>	(V)
		+	
Fuel Costs (M from "Equipment Operations")	\$	<input type="text"/>	(W)
<hr/>			
Total Project Expense (Add T thru W)	=	<input type="text"/>	(X)

Cost of Taking on Your Project This Year

Total Income (S) – Total Expenses (X) = Cost of taking on your project this year (Y)

(S) - (X) = (Y)

Field Sign Photo

In this section, display photos of your field sign and two pictures of your field at different stages of maturity. (Take a close up of plant against a ruler).

Project Evaluation

At the end of the year, answer the following questions:

Did you achieve all the goals that you set? Why or why not?

Did any of your plans change as the year progressed? Why or why not?

How will you use what you have learned this year and how will you share it with others?

Will you take this project again next year? Why or why not?

Your Clipping Page

Paste your notes, pictures and clippings here. Include information on special club activities and achievement day. For example: rallies, tours, camping trips, fairs, communication activities, provincial events, and so on.



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