



Wyoming 4-H Beekeeping Record Book



Name: _____ Age: _____ Years in 4-H _____ Years in Club _____

Club Name: _____ Club Leader: _____



- **Starting Out - My goals for the 4-H year (October through the following September)**

The beginning of the 4-H year is a good time to begin thinking about what you'd like to do or learn in 4-H during the upcoming months. List some of your goals for the year and what plan you have to accomplish your goals.

Talk to your leader and parents, then decide what goals are realistic to finish this year.

My goals for this year	What I need to do to reach this goal
1.	
2.	
3.	
<i>Example: I will learn how to give a public presentation</i>	<i>Attend county public presentation workshop. Have my leader and parents help me pick a topic. Practice my presentation. Give the presentation at a club meeting</i>

Signatures for goal setting

I will work toward the above goals I have set for myself for the upcoming 4-H year to the best of my ability.

Member signature _____ Date _____

I will support my son's/daughter's goals for the upcoming 4-H year.

Parent's signature _____ Date _____

I will help support this member's goals for the upcoming 4-H year.

Club leader signature _____ Date _____

Wyoming Forage Profile

Fill out the chart below to identify the flowers blooming in your area. This will help you understand where your honey comes from. Begin your observations early in the spring and continue through the year. Remember, you will find blooms on many trees, vines, bushes and smaller plants. Bees usually get most of the nectar they use from wild flowers. Add additional pages as needed.

Plant Name	Plant description (size, color, etc.)	Location	Observed Bloom Dates	Bee Activity on Blooms

Colony Observations

(Dates you observed the hive entrance, activity, and surrounding area - hive not opened). Add additional pages as needed.

Date / Weather	Observations	Conclusions or Cause

Colony Inspections (Dates you opened the hive for inspection). Add additional pages as needed.

Date / Weather	# Frames of Honey	# Frames of Brood	# Empty Frames	Bee Health	Notes and Observations

Equipment Log

List all equipment purchased this year. Do not include cost of bees and supplies on this page. Do not total until the end of the year.

When deciding end-of-year value subtract 5 to 10% for normal wear & tear. Subtract more if visible wear or damage is present.

Frames, once drawn, may be valued at \$8 each for a deep and \$6 each for a medium or shallow. Each deep frame where healthy brood is clearly visible and present may be valued at \$10.

Item	Equipment Purchases			End-of-Year Inventory	
	Quantity	Date Acquired	Cost or Value	Quantity	Value
Outer Covers					
Inner Covers					
Honey Supers					
Super Frames					
Brood Chambers					
Brood frames					
Bottom Boards					
Feeders					
Hive Tools					
Smoker					
Extractor					
Total Cost or Value					

Supplies Log

Include all perishables and consumables. Do not include cost of bees or equipment. Do not total until the end of the year.

Item	Supplies Purchases			End-of-Year Inventory	
	Amount	Date Acquired	Cost or Value	Amount	Value
Sugar					
Pollen Patties					
Pollen Substitute					
Medications					
Jars					
Foundation					
Honey Harvested (Value = \$7 per lb)					
Beeswax Harvested (Value = \$5 per lb of cleaned wax)					
Total Cost or Value					

Harvesting Honey and Wax

The end goal of a lot of beekeepers is harvesting honey! Fill in the following information to tell us about your honey and wax.

Were you able to harvest honey and wax from your bees? If no, explain why not.

Describe your extraction process (where, when, extraction method, who helped, filtration or straining, bottling).

How much honey did you extract? _____ lbs. _____ gal.
(Provide approximate amount in gallons and pounds! Note; 1 gallon of honey weighs about 12 pounds)

Did you measure the water content or density of your honey? Explain how you measured it.

Describe your plans for the honey and wax.

Discuss any other products of your honey bees that you have plans for (beeswax, comb, rearing and selling queens, making splits, etc.).

End of Year Financial Summary

Before starting this page, check that all other financial pages are complete. This summary will show the loss or profit of your beekeeping operation for this year.

Live bees are valued at their current purchase price, if the hive is healthy. However, deduct \$10 from the value of the bees every following year to account for the queen getting older and eventually needing replacement.

Credits

Total Value of (Live) Bees at Year's End	\$ _____	
Total Value of Equipment	\$ _____	
Total Value of Supplies on Hand	\$ _____	
Income from honey and wax (consumed or sold)	\$ _____	
Total		\$ _____

Debits

Total Cost of (Live) Bees (purchased this year)	\$ _____	
Total Cost of Equipment (purchased this year)	\$ _____	
Total Cost of Supplies (purchased this year)	\$ _____	
Total Cost this year	\$ _____	
Total Profit or Loss This Year (Credits Total minus Debits Total)		\$ _____

Keep this page for next year's records.

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 learned during the past year.

My goals completed

Look back on the goals you set for yourself at the beginning of the year. How well did you meet those goals? If you added new goals during the year, add them and explain them below.

My goals for this year	How well did I meet each goal?
1.	
2.	
3.	
<i>Example: I will learn how to give a public presentation</i>	<i>I attended county public presentation workshop. I had to change my topic three times. I should have practiced my presentation more before I gave it at the club meeting. I will start planning and practicing earlier next year.</i>

The three most important things I learned

Think of what was the most important for you. Then, list the three most important things you learned in this project during the past year. For example, "I learned how to groom my cat, I learned that working with senior citizens is challenging but also fun, or I learned to speak in front of my club without being afraid."

1. _____

2. _____

3. _____

Thinking Ahead - My goals for next year

Now is a good time to begin thinking about what you'd like to do or learn in 4-H next year. List some of your goals for next year and what plan you have to accomplish your goals.

1. _____

2. _____

3. _____

