

2016-17 La Plata County 4-H Senior Livestock Record

For Use by Members 14-18 Years Old

Please check the project you are in this year and fill out name, etc.

	Market	Years in Project	Breeding/Egg Production	Years in Project
Beef				
Poultry - Chicken				
Rabbit				
Sheep				
Swine				
Turkey				
Market (Meat) Goats				

Name _____

4-H Club _____

County _____

Birth Date _____

Age as of December 31 _____

	Other Livestock	Years in Project
Dairy Cattle		
Dairy Goats		
Fiber Goats		
Pygmy Goats		
Utility Goats		
Chicken - Show Birds		
Ducks		
Geese		
Pigeons & Game Birds		

PROJECT AGREEMENT

I will be responsible for feed, care, and management of my animals. I will keep good records and finish my record book to complete my project. I will be responsible for management decisions concerning the health, welfare, profitability, and product quality of my project.

Member Signature

Date

As a parent or supporter, I realize that animal projects require a considerable amount of expense and labor. I will support this youth in his/her efforts and allow him/her to learn as much as possible from the experience. The youth is expected to be responsible for labor, care, and management decisions affecting the project. I will help where needed by giving guidance and instruction.

Parent Signature

Date

Record Books are due between July 24, at 8:00 a.m. and July 28, at 5:00 p.m.

GOALS

Goal A	
To Do Plan	1
	2
Goal B	
To Do Plan	1
	2

COMPARISON OF MARKET VS. FAIR SALE PRICES

Use this chart for market projects ONLY to evaluate your project based upon actual 2015 market prices. Do not list non-market projects.

2016 AVERAGE PREMIUM

Beef = \$3.78/ lb.
Swine = \$4.63/ lb.
Sheep = \$6.35/ lb.
Goat = \$4.63/ lb.
Poultry = \$126.25/head
Rabbit = \$86.25/head

2016 FLOOR/MARKET PRICES

Market Steers = \$ 1.15/lb.	Ducks = \$4.25/Head
Market Heifers = \$ 1.10 lb.	Market Chickens (Meat Pen) = \$5.10/Head
Market Swine = \$0.50 lb.	Market Rabbits (Meat Pen) = \$3.50/Head
Market Sheep = \$1.50 lb.	Note: Those animals sold by the head, should figure premium fair value and market value by using the price multiplied by the number of head.
Market Goats = \$1.70 lb.	
Meat Turkeys (Meat Pen) = \$7.75/Head	

Use the charts above to answer these questions.

	Animal ID	Animal ID	Animal ID	Animal ID	Total for all Animal(s)
A. 2015 average fair premium price for your species?					
B. What was the 2015 floor/market price for your species?					
C. What is your estimated weight of your animal at Fair?					
D. Premium fair value (A x C) (unless per head then (A x # of head))					
E. Market value (B x C) (unless per head then (B x # of head))					
F. What is the difference between the market value of your project and the price received at fair? (D - E)					

MARKET ANIMAL PERFORMANCE

Animal ID:				
Weigh Date	A) Weight	B) Weight Gained (current A - previous A)	C) Number of Days Since Last Weight	Average Daily Gain (ADG) (B / C)
		Beginning weight, you do not need to fill out the rest of this line		
D) TOTAL WEIGHT GAINED				E) TOTAL DAYS

Enter the beginning weight (tagging weight) of your market animal in the first row. Each time you weigh your animal, enter this in the next row and determine the ADG. At the end of your project, calculate a total ADG, Feed Efficiency and Feed Cost of Gain at the bottom. Complete a self evaluation on your market project based on these results to determine whether you want to use the same feed and feed the same amount to your animal next year. **For directions on how to get weights without a scale, click on this link below:**

<http://ag.arizona.edu/backyards/articles/winter07/p11-12.pdf>

Average Daily Gain

How rapidly did your animal gain weight?

D / E

pounds per day

Feed Efficiency

How much feed did your animal need to gain one pound?

Total Feed Amount
(pg. 6) / D

pounds of feed per pound gained

Feed Cost of Gain

How much did feed cost to produce a pound of gain?

Total Feed Expense
(pg. 6) / D

dollars per pound gained

BREEDING QUESTIONS

1. What breed is your animal(s)?	
2. Why did you choose this breed? (i.e. characteristics, traits, etc.)	
3. When was your animal bred? Or When was your animal(s) breeding season?	
4. What breed is/was the sire?	
5. What are you feeding your breeding animal(s)?	
6. Did you change your feed or the amount of feed fed anytime during your project? If so, why?	
7. What is the gestation period for your breeding animal(s)?	

BREEDING QUESTIONS CONTINUED

8. Did you feed any supplements to your breeding animal(s)?	
9. How many offspring did your animal(s) have?	
10. Were there any problems during the birthing/hatching process?	
11. Were there any special procedures that you administered to your offspring at birth?	
12. At what age, should you wean the offspring? Or At what age are your offspring able to survive alone at your climate?	
13. Why did you choose the sire that you bred your animal(s) to?	

FINANCIAL SUMMARY

Record totals from income and expense pages your for project. Follow the questions to total up income and expense and determine if you made or lost money on your project this year. Directions are given to the right of each row.

	2016 Animals	Animal ID(s):	Animal ID(s):	Animal ID(s):	Total All Animals	Directions
Income						
F. <i>How much money did you earn?</i>						<i>Total Income (pg. 11)</i>
G. <i>What is the value of animals you still own at the end of the year?</i>						<i>Total End Value (pg. 3)</i>
H. <i>What is the value of the equipment you still own at the end of the year?</i>						<i>Total End Value (pg. 4 & 5)</i>
I. <i>What is your total income?</i>						<i>F + G + H</i>
Expenses						
J. <i>What was the value of the animals you owned at the start of the year?</i>						<i>Total Start Value (pg. 3)</i>
K. <i>What was the value of the equipment you owned at the start of the year?</i>						<i>Total Start Value (pg. 4 & 5)</i>
L. <i>How much did you spend on animals?</i>						<i>Total Animal Purchase (pg. 6)</i>
M. <i>How much did you spend for feed?</i>						<i>Total Feed Expense (pg. 7)</i>
N. <i>How much did you spend on health expenses?</i>						<i>Total Health Expense (pg. 8)</i>
O. <i>How much did you spend on other expenses?</i>						<i>Total Other Expense (pg. 9)</i>
P. <i>What are your total expenses?</i>						<i>J+K+L+M+N+O</i>
Profit/Loss						
Q. <i>What is your overall balance?</i>						<i>I - P</i>

INVOLVEMENT RECORDS

What did you do for your community? How did you practice citizenship?	When? How many hours?	What did you learn?
How were you a leader or helpful to others? What leadership events did you attend?	When?	What did you learn?

INVOLVEMENT RECORDS

What did you demonstrate? What speeches did you give?	When?	What did you learn?
What judging activity(s) did you do?	When?	What did you learn?
Where did you exhibit/show? What discipline did you show?	When?	What did you learn?

GOAL REFLECTION

Goals help you to achieve more when you review them each year. At the END of the year, answer the following questions.	
Did you meet your goals this year? Why or why not?	
Which "To Do" did you complete?	
What helped you be successful?	

PROJECT COMPLETION

I declare that the information in this book is correct and all 4-H requirements, including Meat Quality Assurance training, have been completed to the best of my knowledge.

Last Meat Quality Assurance training attended:

Date

Location

Member Signature

Date

Leader Signature

Date

Parent/Guardian Signature

Date

NOTE: Include this as the very last page of your record book, after your story and pictures.