MARKET GOAT
INSERT

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, a nd 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.

Signature _____

Date _____

ABOUT MY MARKET GOAT PROJECT

Name of Animal _____ Date of Birth ____ /____ /____

CCIA Eartag _____ 4-H Eartag # _____

Date Project Purchased or Chosen from your herd _____

Purchased from _____

Breed of Market Goat _____ PID # _____

Copy of Bill of Sale attached ☐

Purchase Weight (lbs) (A) x Purchase Price ($/lb) = Initial Value of Project Animal (B)

	(A)x		=		(B)

Weigh In Date:		Weigh In Weight(kg/lbs):		(C)
Sale/ Slaughter Weigh Date:		Final Weight:		(Y)
Shrink %		Sale/ Slaughter Weight:		(D)

Number of Days on Feed (include weigh-in and sale weight day): (E)

Tip: Round to two decimal places. For example: use 2.96 lbs instead of 2.956 in your calculations. **Tip:** Use consistent units of weight throughout your record book - either imperial or metric. You may want to discuss this with your project leader.

Conversions to use: 1 lb = 0.454 kg or 1 kg = 2.2 lbs
Examples: 600 lbs x 0.454 kg/lb = 272 kg
250 kg x 2.2 lb/kg = 550 lbs

PHOTOGRAPHS

Include two photos: One taken of your market animal within 2 weeks of your club's weigh-in and the second at Achievement Day or within 2 weeks. (Label and include date)

PROJECT PLANNING

Why did you choose this project?

_____

_____

What skills do you want to learn or improve on?

_____

_____

What goals do you want to accomplish with your project?

_____

_____

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
- Hoof Trimming
- Vaccinations
- Clipping
- Health check
- Cleaning pens, feed and water containers
- Check and repair fence

What I will do for my project animal...

Da ily	Weekly	Monthly	Yearly

RECORD OF MY GOAT'S PROGRESS

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 Initials:**
	Member:	
	Leader:	**Leader Initials:**
	Member:	
	Leader:	**Leader Initials:**
	Member:	
	Leader:	**Leader Initials:**
	Member:	
	Leader:	**Leader Initials:**
	Member:	
	Leader:	**Leader Initials:**

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	Member:	
	Leader:	**Leader Initials:**
	Member:	
	Leader:	**Leader Initials:**
	Member:	
	Leader:	**Leader Initials:**

Health Record

Date	Condition Being Treated	Treatment (Medication, amount, and Route of Administration)	Withdrawal Time	Cost(s)
Nov 28	**Prevent Parasites**	**Ivermectin at 1ml/22lbs. (Topical)**	**49 days**	**$0.41**
			Total Health Care Cost (F)	**$**

Administration Methods
- Oral (O)- In feed, balling gun, drenching bottle, etc.
- Topical (T)- Poured over topline
- Subcutaneous (SubQ)- Interjected beneath the skin but not into the muscle
- Intramuscular (IM)- Injected directly into muscle
- Intravenous (IV)- Injected into a vein
- Intranasal (IN)- Administrated up the animals nose

Withdrawal Time- Defined as the time needed after administration of a drug to ensure that drug residue in the marketable meat is below a determined Maximum Residue Limit (MRL). The animal may not be sold for slaughter during this time.

FEED RECORD EXPLANATION

Important Feed Terms

- Nutrients – Needed for maintenance, growth, production and reproduction.
- Animals require water, protein, carbohydrates (energy), vitamins, and minerals. Balanced
- Ration – A feed mixture that supplies an animal's entire daily nutritional needs.
- Roughage – High fiber feed. Example: hay, silage, straw, green feed.
- Concentrate – High energy feed. Example: barley, oats, corn.
- Supplements – A combination of nutrients added to feed to balance a ration. Examples: salt, minerals, limestone, molasses, etc.
  Feed additives – Other ingredients added to a ration to improve feed efficiency and weight gain. Example: Rumensin

Example

MONTH: May

Feed Type	Days on Feed	Weight per Day (lbs)	Monthly Weight (lbs)	Cost per lb	Cost per Month
Barley	31	10	(31 days x 10 lbs) 310	$0.08	(310 x $0.08) $24.80
Hay	31	12	372	$0.05	$18.60
Salt	31	0.2	6.20	$0.09	$0.56
		Total Feed This Month	688.20	Total Cost this Month	$43.96

TIP: If you need more space under feed type, put in items such as salt and supplements in "Other Project Related Costs".

Feed Efficiency (feed conversion ratio)

Feed efficiency is defined as a ratio of feed intake to weight gain. The smaller the ratio, the more efficient the animal. total feed ÷ total weight gain = feed conversion ratio

Example: 688.2 lbs of feed ÷ 96 lbs of gain = 7.17

A ratio of 7.17:1 means the animal needs 7.17 lbs of feed in order to gain 1 lb An animal that has a ratio of 6.5:1 is more efficient than one with a ratio of 7.17:1 and therefore should be more profitable.

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 ($)	Monthly Feed Cost ($)
			Total (G1)		Total (H1)

Monthly Record For: _____

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit ($)	Monthly Feed Cost ($)
			Total (G2)		Total (H2)

MONTHLY FEED RECORD CONTINUED

Monthly Record For: _____

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit ($)	Monthly Feed Cost ($)
			Total (G3)		Total (H3)

Monthly Record For: _____

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit ($)	Monthly Feed Cost ($)
			Total (G4)		Total (H4)

MONTHLY FEED RECORD CONTINUED

Monthly Record For: _____

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit ($)	Monthly Feed Cost ($)
			Total (G5)		Total (H5)

Monthly Record For: _____

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit ($)	Monthly Feed Cost ($)
			Total (G6)		Total (H6)

MONTHLY FEED RECORD CONTINUED

Monthly Record For: _____

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit ($)	Monthly Feed Cost ($)
			Total (G7)		Total (H7)

Monthly Record For: _____

Feed (Grains, Hay, Supplements, Pasture)	Days on Feed	Weight per Day kgs/lbs	Monthly Weight kgs/lbs	Price per Weight Unit ($)	Monthly Feed Cost ($)
			Total (G8)		Total (H8)

MONTHLY FEED RECORD CONTINUED

Total Cost of Feed* - Add the cost of each month's feed.

	+		+		+		+		+		+
H1		H2		H3		H4		H5		H6	
	+		+		=						
H7		H8		H9		**Total Feed Cost (H)**					

Total Amount of Feed* - Add the cost of each month's feed.

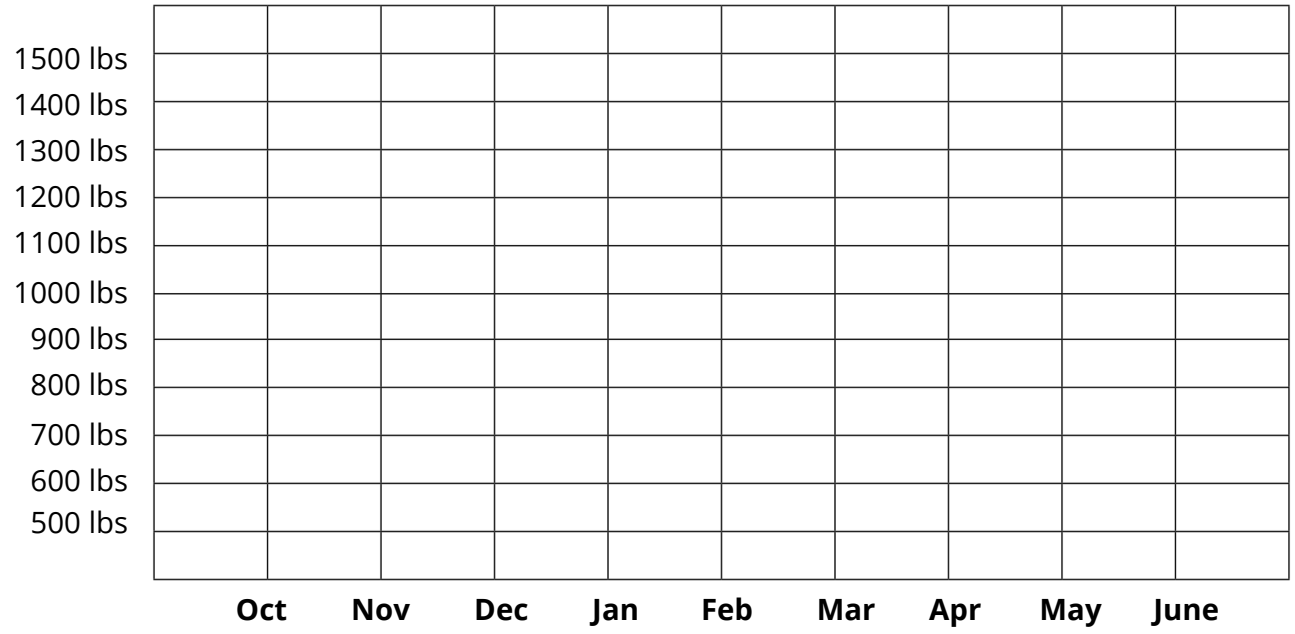
	+		+		+		+		+		+
G1		G2		G3		G4		G5		G6	
	+		+		=						
G7		G8		G9		**Total Amount of Feed (G)**					

GROWTH CHART AND RATE OF GAIN RECORD

Rate of Gain

Week	Example	October	November	December	January	February	March	April	May	June
# of Days	31									
End Weight	600									
Start Weight	525									
Weight Gain	(600-525)= 75									
Average Daily Gain (ADG)	(75/31) = 2.42									

Growth Chart (Weigh in - Achievement Day)



- Mark the **initial weight** and **estimated final weight** with red dots on the chart.
- Connect the two dots with a straight RED line. Record your animals weight every month (actual or estimated) and connect these points with a BLUE or BLACK line.

MY ANIMAL'S PERFORMANCE

Total Weight Gain

Final Weight (no shrink) - Weigh-in Weight = **Total Weight Gain**

	(Y)-		**(C)**	**=**		**(J)**

Average Daily Gain (ADG)

Total Weight Gain ÷ Number of Days on Feed = **ADG**

	(J)÷		**(E)**	**=**		**(V)**

Feed Cost per unit of Weight Gain

Total Feed Cost ÷ Total Weight Gain **= Feed Cost / Unit Gain**

	(H)÷		**(J)**	**=**	

Feed Conversion Ratio

Total Feed Amount ÷ Total Weight Gain = **Feed Conversion Ratio**

	(G)÷		**(J)**	**=**		**:1 (W)**

Total Cost per Unit of Weight Gain

(Total Expenses - Initial Value) ÷ Total Weight Gain =

(		**(P)-**		**(B))**	**÷**		**(J)=**

Total Cost / Unit of Weight Gain

COMPETITION / SHOW RECORD

Name of Competition/ Show, Date, Location	Goal for attending, type of competition / show	Classes entered, placings, name(s) of judge(s), organizing group, prize(s) won

To complete your 4-H project you may acquire equipment, tools, and supplies you will continue to use throughout your 4-H career. Keep an inventory listing including the item, date of purchase, and cost/value. Include equipment that was added, lost, or broken through the year. Don't forget to include equipment purchased in previous years (i.e. from your last book). This list may also be valuable in case of an insurance claim for loss or damage.

4-H PROJECT INVENTORY SUMMARY

NOTE: This inventory is continuous from year to year and should be transferred to your new record book insert each year.

Date Purchased	Equipment Purchased	Value for this Item
Oct. 17, 2021	Eg. Wheelbarrow	$33.75
	Total	**$**

MARKET PROJECT RELATED EXPENSES: (bedding, trucking, insurance, fees, commission, grooming supplies etc.)

Date		Cost
	Total	**(L)**

FINANCIAL SUMMARY

Total Expenses

Initial Value of Animal			**(B)**
Health Expenses	**+**		**(F)**
Feed Expenses	**+**		**(H)**
Project Related Expenses	**+**		**(L)**
Total Expenses	**=**		**(P)**

Project Sale Income

Sale Weight (lbs)		Actual Price per lb		= Final value of your Steer (Q)
	(D) x		**=**	**(Q)**

Profit or Loss Calculation

Total Income			**(Q)**
Total Expenses	**-**		**(P)**
Profit or Loss	**=**		**(U)**

EVALUATION OF MY MARKET PROJECT

1. What were the strengths of your Market Animal? (Conformation, growth rate, feed conversion, etc .)

2. What were the weaknesses of your Market Animal? (Conformation, growth rate, finish weight, etc .)

3. What would you do differently with your Market Animal if you were starting the year again? (Change start weight, feed, breed selection, frame size, halter breaking, etc.)

4. What was the most important thing you learned about your Market Animal?

5. What is the most important NEW thing you learned during your Market Animal project year that you can share with others? (tips from others, health and welfare, etc.)

YOUR CLIPPING PAGE: *add in your notes, pictures, and clippings here. Add MORE pages as necessary.*

RECORD BOOK - Livestock Marking Guide

This is just a guide - clubs can add, delete or change any of the book to suit the clubs' needs.

Member Name:_____Age Group: JR/INT/SR

BASE BOOK -Completeness(Including Accuracy pages)

All pages to be filled in or N/A marked

About Me/About my Club		/8
My 4-H Year Plan		/2
Record of Club Activities		/4
Record of District, Regional & Provincial Acitivies		/4
Code of Conduct		/4
Financial Summary for 4-H year		/4
Story of my 4-H Year		/4
Neatness & Personality- Base Book Only		/8

INSERT - RECORD BOOK

Accuracy: All records and calculations should be complete.	Project one		Project two		Project three	
My Project /Project Planning		/5		/5		/5
Stock Keeper's Creed		/2		/2		/2
Picture - Beginning & End Project Picture		/5		/5		/5
Growth Chart/Rate of Gain		/6		/6		/6
Health Record		/4		/4		/4
Other Expenses		/4		/4		/4
Monthly records (to a maxinum of 10 points)		/10		/10		/10
Project Financial Summary Records		/10		/10		/10

Neatness: Inserts

Neatness is more than penmanship. It also includes spelling, punctuation, spacing & consistency. Corrections should be minimal & neat. **/8**

Personality: Completed Book

4-H Communication Activity/Jugdes sheets		/4
4-H Handouts - Agenda, Financials, Etc.		/4
Orgainization & presentation of material		/4
Originality & Creativity		/4
Quality Photos & pictures - titled & dates		/6
Clipping Pages Newspaper & magazine articles		/6

Attention to Detail:

This Mark recognizes the members that have contributed extra to their record book /5

Total Points

General Comments::