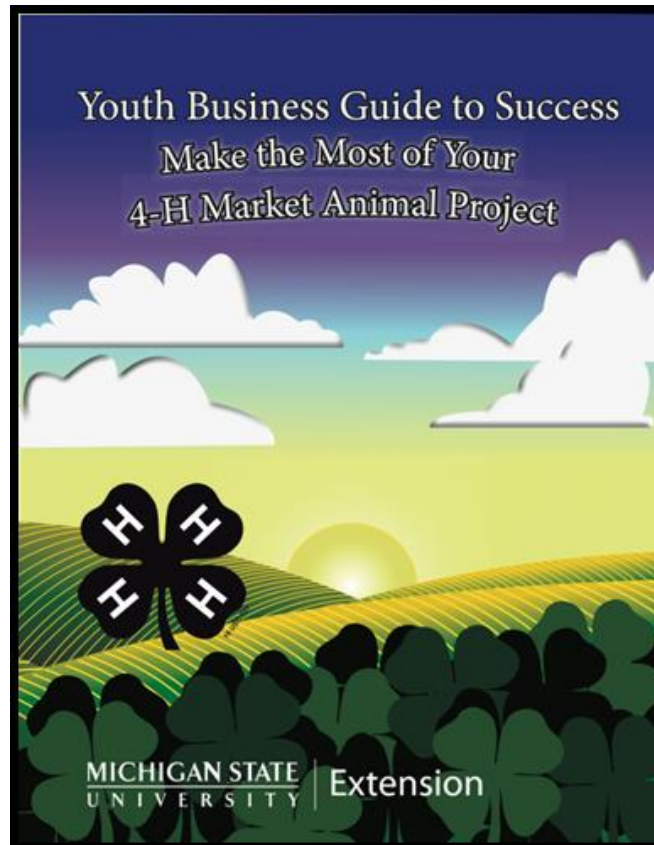


This image of a good record book example is intended to be used with the Youth Business Guide to Success: Make the Most of Your 4-H Market Animal Project curriculum.



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MICHIGAN STATE
UNIVERSITY | **Extension**

DUE: July 26th, 2014 between 10-2pm
Each day that it is late 1/2% is deducted up to a maximum of 3%

4-H Livestock Project Record Guide

Intermediate Record Book (11-13 yr old as of Jan 1)



Year (example: 2007): 2014

Please circle your 4-H project:

Market Steer

Market Hog

Market Lamb

Market Goat

Name: Justin Williams Date of Birth: _____

Age (as of Jan 1st): 11 4-H Club: Super Stock

Is this your first year in project? Yes ☒ No ☐ 3rd
If No, how many years have you been doing project year

I hereby certify that, as the exhibitor of this project, I have personally been responsible for the care of this animal, have personally kept records on this project, and have personally completed this record book. I am aware that this record book will be on display during the auction for potential buyers and the general public, and thus all content will be appropriate.

Member's Signature (1 pt): Justin Williams

Date: _____

I, the parent/guardian, certify that my son/daughter has completed this project and completed this record book and will comply with all rules and regulations. I give permission for this record book to be displayed to the public and will ensure that all content is appropriate.

Parent or Guardian's Signature (1 pt): [Signature]

Date: 7/20/14

****RECORDS START WITH POSSESSION OF ANIMAL AND ENDS WITH ESTIMATES FOR FAIR WEEK**

Project Information (2pts)

Name and/or description of animal: Danny, Beef Steer

Breed: British White

Identification of animal (Ear tag/Fair tag number): 15249

Birth date of animal: 3/20/13

(OR)

Purchase date: 3/22/14 (include receipt)

Please tell us about your project animal (check all that apply)

- ☒ I purchased my project animal
- ☐ My project animal is bred & owned (from an animal on my family farm)
- ☐ I board my project animal at another farm (signature required below)

This animal(s) was boarded at my farm. Arrangements have been made between the 4H exhibitor and myself, for the care of this animal (s). I certify that this 4H exhibitor has completed this project and followed the arrangement agreement

Farm Owner Signature : _____

Date: _____

Invoice

March 22, 2014

TO:

Justin Williams



Bauman Farm
3693 Eden Road
Leslie, MI 49251

Quantity	Description	Unit Price	Total
1	Danny	1.35 lb.	\$971.50
			\$1311.53

Make all checks payable to Bauman Farm
THANK YOU FOR YOUR BUSINESS!

In issuing this certificate the Association has relied on statements made by or on behalf of the breeder as to information contained therein. The responsibility for its accuracy therefore, rests solely with the breeder, and not the Association.

BRITISH WHITE CATTLE ASSOCIATION OF AMERICA

This is to certify, the pedigree of:

Issued 05-10-2013



REGISTRY# 15249
NAME B&B Danny 3A
TATTOO LE: BB 3A

CALVED 03-20-2013 SEX BULL
% BW PB (w/4 Gens PB Ancestry)
HERD ID BB/3A

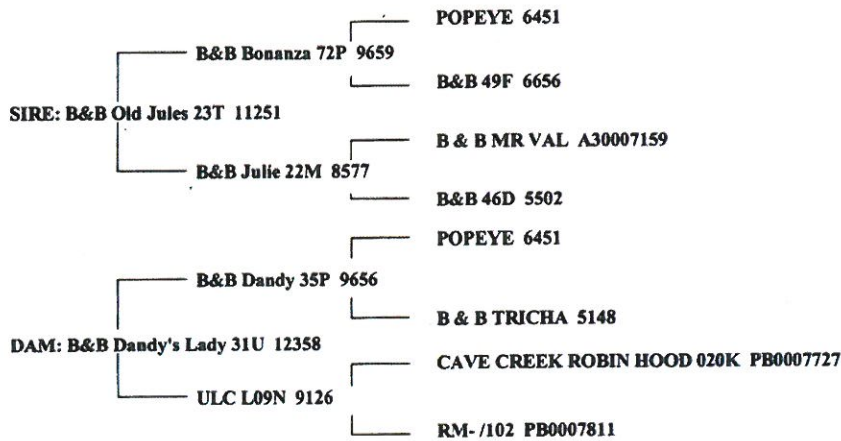
BREEDER NAME Walter & Nancy Bohaty

BREEDER ID
BB

DATE
04-13-2013

PRESENT OWNER(S)
George & Elizab Jill Bauman
Bauman Farm British White

2696



NAME: B&B Danny 3A										REGISTRY NO: 15249	
PEDIGREE RELATIONSHIP	PRODUCTION RECORDS										
	CALVING EASE		BIRTH		205 DAY WEIGHT		365 DAY WEIGHT		SCROTAL		
	SCORE	HERDS PROG	WEIGHT RATIO	HERDS PROG	ADJ WGT RATIO	HERDS PROG	ADJ WGT RATIO	HERDS PROG	CIRCUM. PROG		
SUBJECT ANIMAL	1		73 91	#Contemp 4		#Contemp		#Contemp			
SUBJECT ANIMALS PROGENY											
SIRE'S PROGENY	1	2 45	78	2 45	550	1 40	796	1 10			
DAM'S PROGENY	1	1 4	78	1 4	571	1 3					
ADDITIONAL INFORMATION											
P/S							POLLED				
COLOR							Standard Marked				
FRAME SCORE											
HOW BRED							PASTURE				
WEANING GROUP:											
YEARLING GROUP:											
BLOOD TYPE CASE #											
DNA TYPE #											
LINEAR MEASUREMENT	DATE	RUMP LEN	GIRTH	FLANK	RUMP WIDTH	RUMP HEIGHT					
	SCROTAL	SHOULDER	TENDER	RIBEYE	BACK FAT	MARBLING					

TIMELINE OF PROJECT THROUGH PHOTOS (3 PTS)

Photographs (at least 3) of your 4-H project animal. Photos that show you working hands-on with your animal are preferred. Should show the growth of your animal over time through photos. Use additional page(s) if needed.
Photos from previous years are not acceptable, must be from this years current project.

Date of Beginning Photo: 3/22/14 (photo taken when you acquired animal)



Place Photographs here

see following pages

Date of ending photo: _____

Expense Record (10pts)

Record expenses as they occur. List the cost of each purchase in the last column of the following table. (Show expenses may include camping fees, entry fees, show clothes, show equipment (halters, sticks, lead ropes, etc), gas, auction food and supplies needed for the show. If you did not use anything in that category state N/A and reason (i.e, already own, didn't use, etc)

When completing the expense record, write the totals for the last column at the top of page 6.

PURCHASED <u>3-22-14</u>				
ANIMALS	DATE	TYPE	HOW MANY	COST
Danny	3-22-14	steer	1	\$1311.53
FEED	DATE	ITEM (grain/hay, etc)	AMOUNT (lbs/bales)	COST
hay	3-22-14	hay	60	\$180.00
grain	4-22-14	grain	1000	\$165.00
grain	5-23-14	grain	1000	\$170.00
grain	6-20-14	grain	1000	\$170.00

EQUIPMENT	DATE	ITEM (feeders, pens, halters, etc)	How Many	COST
repair halter	7-15-14	repair halter	7	\$10.00
SHOW COSTS	DATE	ITEM (show clothes, photos, cards, entry fees, auction food, etc)	How Many	COST
already had				
VETERINARY COSTS	DATE	ITEM (vaccine/wormer, etc)		COST
Wormer	4-6-14	Wormer	1	\$8.00

BEDDING	DATE	ITEM (straw/shavings)	HOW MANY (Bales/Bags)	COST
straw			10	\$30.00
MISC	DATE	ITEM		COST
None				

Total Project Expenses (Add amounts in last column):

\$ 2,044.53

Financial Summary (3 pts)

TOTAL Cost of Project:

\$ 2,044.53

How much will a buyer need to spend total on the animal for you to earn \$100 profit? 2,144.53

(Total Cost of Project + \$100 = \$100 Profit)

How much would you need to make to break even? 2,044.53

(Breaking even would mean you would make as much as what the total cost of your project is.)

Animal Health Record (4 pts)

Record all health management practices and/or treatments given to your project animal. It should include vaccinations, treatment of diseases, de-worming, hoof trimming, etc.

Date	Condition/Problem	Treatment Given
4-6-14	Worms	Wormer

Labor Record (4 pt)

Your project animal requires a lot of care throughout the project year. Some of the care is done on a daily basis, while others are done on a weekly or monthly basis. In the table below, list some of the things that you do to care for your project animal. Include the following:

- Feeding and watering practices
- Grooming (clipping, trimming, foot care, etc.....)
- Health practices (check for injury, illnesses and record any medication given)
- General Management (cleaning living area and feed pans, halter breaking, training)

<p><u>Daily Activities-Things done every day</u></p> <p>Example: fed animal, gave fresh water, spent time with animal</p> <p style="font-size: 1.2em; margin-top: 10px;">Fed animal, spend time with animal</p>	<p><u>Average Time spent per day</u></p> <p style="font-size: 1.2em; margin-top: 10px;">5 min.</p>
<p><u>Weekly Activities-Things done once a week</u></p> <p>Example: Cleaned feed and water containers, gave new bedding</p> <p style="font-size: 1.2em; margin-top: 10px;">Give new water</p>	<p><u>Average Time spent per week</u></p> <p style="font-size: 1.2em; margin-top: 10px;">3.5 min.</p>
<p><u>Monthly Activities-Things done once a month</u></p> <p>Example: Groomed my animal</p> <p style="font-size: 1.2em; margin-top: 10px;">Give new bedding</p>	<p><u>Average Time spent per month</u></p>
<p><u>What part of caring for this animal did you find the most challenging?</u></p> <p style="font-size: 1.2em; margin-top: 10px;">Spending time with animal</p> <p><u>What did you enjoy the most?</u></p> <p style="font-size: 1.2em; margin-top: 10px;">Going on top of back</p>	

Project Questions (10 pts)

What type of housing did you provide? a run-in barn

Why did you select this breed? because it's docile and has lean meat

List some of the breeds that are suitable for meat production: Black Angus, Hereford, Limousin and Shorthorn.

What kind of feed did you feed your animal? (% of protein-also include a feed tag).
beef finisher with 12% of protein

What is biosecurity and why should you be concerned about it? Protecting animals

From diseases from one farm to another. Could damage your herd

Explain the difference between roughage and concentrates Roughage is a highly fibrous feed and concentrates is a highly energy feed

Name one common internal parasite and how would you treat for it? Barber pole worm albendazole

Name one common external parasite and how would you treat for it? external parasite-Mites treatment-Insecticides

Name one common disease for your specie and how to prevent it and treat it.

Disease Bovine Virus Diarrhea

Prevent Ask your vet about vaccination

Treat There is no good specific treatment

When choosing your project animal, name 2 characteristics you look for to choose a good animal.

a straight lined and meaty steer

Beef Finisher we purchase from Webberville Feed & Grain

Webberville Feed & Grain Co.

BEEF FINISHER MEDICATED

A Feed for Cattle in Confinement for Slaughter
For improved feed efficiency in cattle being fed for
Slaughter

ACTIVE DRUG INGREDIENT

Lasalocid.....12.5mg/lb.....25gm/ton

GUARANTEED ANALYSIS

CRUDE PROTEIN.....min	10.0 %
CRUDE FAT.....min	2.5 %
CRUDE FIBER.....max	6.0 %

Ingredients

Corn, Soybean Hulls, Plant Protein Products, Processed
Grain By-products, Animal Protein Products, Vegetable
Oil Refinery Lipid, Molasses Products, Condensed
Soybean Solubles, Vitamin A Supplement, Vitamin D3
Supplement, Vitamin E Supplement, Calcium Carbonate,
Calcium Phosphate, Salt, Magnesium Oxide, Potassium
Sulfate, Potassium Chloride, Manganese Oxide, Potassium
Iodide, Ferrous Sulfate, Copper Sulfate, Zinc Oxide, Cobalt
Carbonate, Sodium Selenite, Cane Molasses
Feed from 18 to 24 lbs. per head per day. To provide
225 to 300 mg per head per day of Lasalocid. Good quality
hay should be offered free choice.
Cattle should have access to clean, fresh water at all times.

WARNING: A Withdrawal period has not been established
for this Product in pre-ruminating cattle. Do not use in
calves to be Processed for veal.

CAUTION: Consumption of this product by sheep and goats
May result in copper toxicity. Do not allow horses or other
Equines access to this product containing lasalocid as
Ingestion may be fatal. The safety of lasalocid in unapproved
Species has not been established.

Manufactured by
Webberville Feed & Grain Co.
Webberville, MI 48892
1-800-435-1343

50 lbs net weight REV 02/16/12

Project Story (5pts)

Write a story about your Livestock Project, including this year's most significant experience. It must be a minimum of 1 page. Any of the following outline may be used as a guide. (The outline is just a suggestion)

SAMPLE STORY OUTLINE

I. Introduction

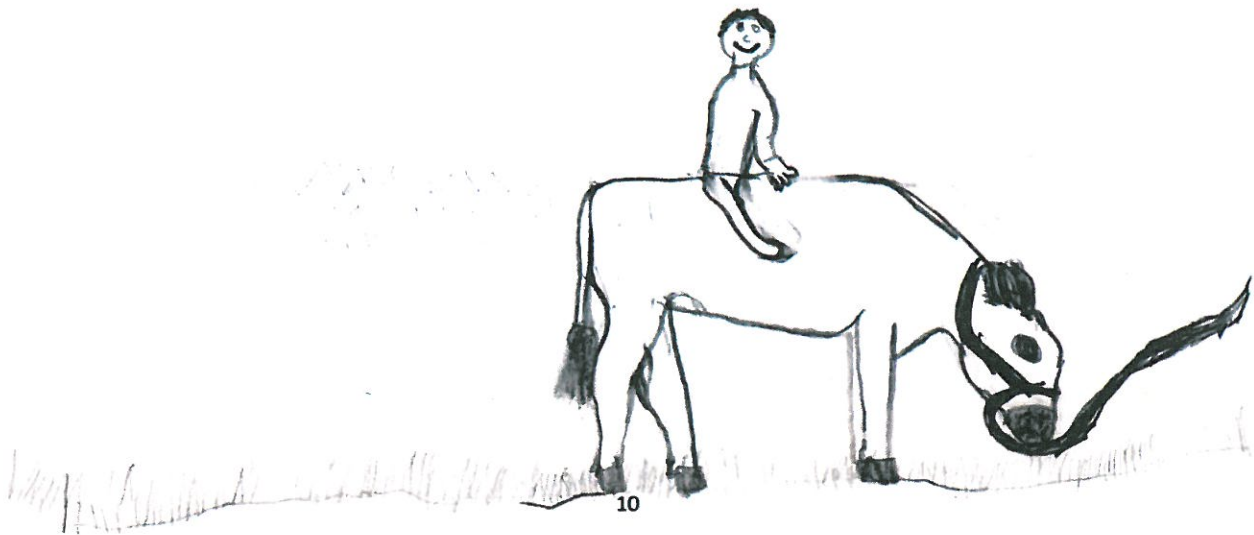
- a. Tell what type, breed, weight, etc., of animal you are exhibiting, and why you chose this animal as your project.
- b. In choosing your market animal, did you conduct any research, if so, explain.

II. Body

- a. Were there things you wish you had known prior to this project, if so, what were they?
- b. Day-to-Day Care: briefly describe what your daily care consisted of –feeding routine, exercise, etc. including some of the Good Production Practices you used in raising your animal.
- c. What was your most significant experience? What did you learn about yourself and/or your animal? Was there anything that surprised you about this project?

III. Summary

- a. What would you change or do the same the next time you begin a livestock project? For example: different feed, different breed, age of animal you would start with, etc.



My steer Danny is a British White. He is about 1350 to 1400 lbs. I chose Danny because he is docile, has pretty good conformation and he is meaty.

We fed him ~~coast~~ finisher and then at night we would let him out for some exercise. Around June we would start walking him. We changed his water every week.

My most significant experience is when I rode my steer. Two families from church were over. One of the moms wanted to see my steer. My dad brought him out of his pen. I asked him if I could get on Danny's back. So he picked me up onto his back. It was awesome.

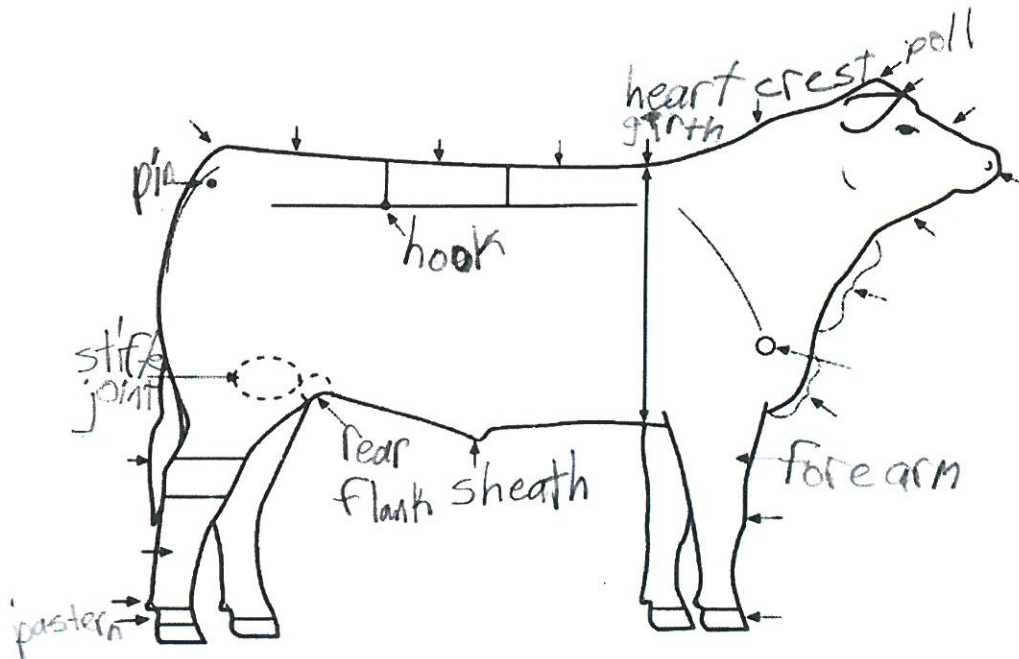
I was amazed at my steer this year. He is my best steer yet. I wish he had a squarer rump. Also that he wouldn't be white.

Species Specific

Label the diagram that corresponds to your project animal.

Label 10 parts of your choice. (5pts -1/2 pt each)

MARKET STEER



(Species specific questions Steer-8 pts)

List 4 points to look for when choosing a calf a good conformational steer,
a square back end, No common diseases and stylish steer

Name 2 pieces of equipment you will need to start your project AND 2 you will need for the show a lead rope, a halter and a show halter and a
show stick

Name the 3 areas an animals appearance is awarded points for in the show ring being healthy, being clean and hooves should
be clean

How do you find the ADG? The amount of time that you had in days
What is roughage? a highly fibrous feed divided by how much weight gained
Name 4 parts of the digestive system Rumen, Small Intestine,
Omasum and Abomasum

Name 4 conformation defects Sickle hocked, calf kneed,
Back kneed and Post Legged

When slaughtered at any early age, what are Limousin cattle known for? A high
percent of lean meat with barely any fat

My Baby's First 4-H Year

The year has finally arrived, my baby has turned nine!
He's been waiting for this year to come, this boy of mine.
It has taken so long to get an answer to his prayer.
He can finally show an animal in the 4-H fair.

To show an animal has been his goal.
What will he show? A lamb, a rabbit, a goat or a foal?
Something small to start for his first 4-H animal show.
Something bigger when he starts to grow.

"But mom, I love cows," is what I hear.
"I want to show a steer for my first 4-H year."
My 50-pound boy is out in the ring
with a steer weighing 1200 pounds more than him.

My stomach is in knots, my nerves are shot,
but the smile on my little man's face is 1,000 watts.
It has been his dream, he is in his glory.
And that is the beginning of his 4-H story.

It's been a couple of years
and my boy continues to show steers.
Each time the steer seems to get bigger,
my little man doesn't, go figure.

As I look out in that ring each and every year,
it still amazes me that my boy has no fear.
While my stomach is still in knots,
I have tried to control my thoughts.

You can tell his love for bovines has not stopped
because his smile remains a 1,000 watts!

Melissa Williams

*This is a poem my mom wrote
about me and got 1st place*

Turn this page in at animal weigh in during fair

Exhibitor Name: Justin Williams

Rate of Gain – 3 Extra Points-(optional)

(Use a weight tape or scale to estimate your animal)

	Weight		Date
Ending	1290	Project Started	3-22-14
-Beginning	971.50	Project Closed	8-3-14
=Total Weight Gained:	318.5	=Total Days in Feeding Period	120

2.65 per day

Justin Williams
Beef

Judge _____ **Scoring Rubric**

Record books will be judged based on the following score card:

☆ = Indicates possible suggestions, no points were deducted

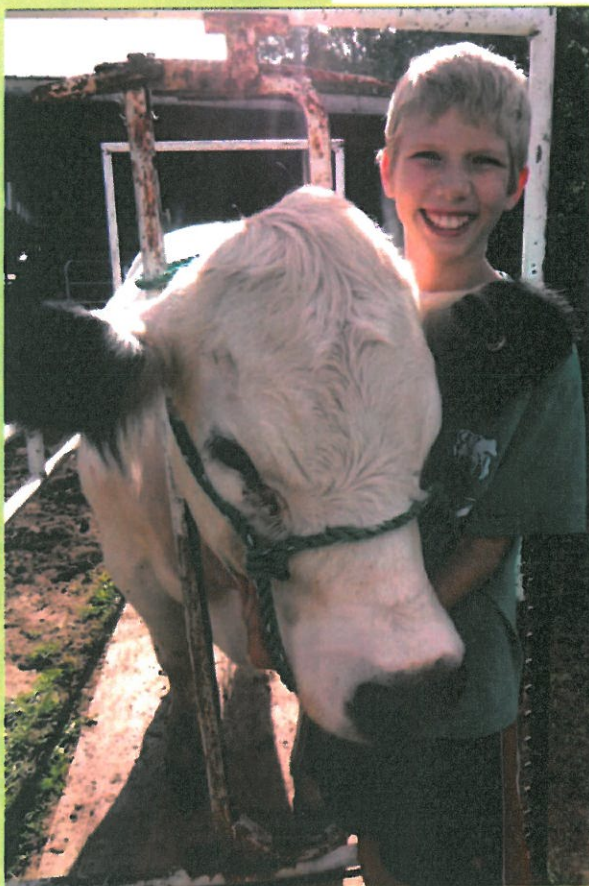
		Points Possible
Member Signature	<u>1/2</u>	1 <i>date</i>
Parent Signature	<u>1</u>	1
Project Information	<u>2</u>	2
Photographs	<u>3</u>	3
Expenses	<u>9</u>	10 <i>show cost-auction food</i>
Financial Summary	<u>3</u>	3
Animal Health	<u>4</u>	4
Labor Record	<u>3</u>	4
Questions	<u>9</u>	10 <i>make sure to answer completely</i>
Project Story	<u>4</u>	5 <i>length</i>
Body Parts	<u>5</u>	5
— Specie Specific Diagram	_____	4
Specie Specific Questions	<u>5</u>	8
Presentation (neatness, spelling, legibility)	<u>3</u>	3
TOTAL	<u>51 1/2</u>	59
Bonus Points		
Creativity		
(binder, stickers, anything that enhances the book)	<u>2</u>	3
Potential Buyer Welcome Note/Picture	_____	3
Rate of Gain	<u>3</u>	3
TOTAL + BONUS	<u>56 1/2</u>	68

Comments:

Nice Cover

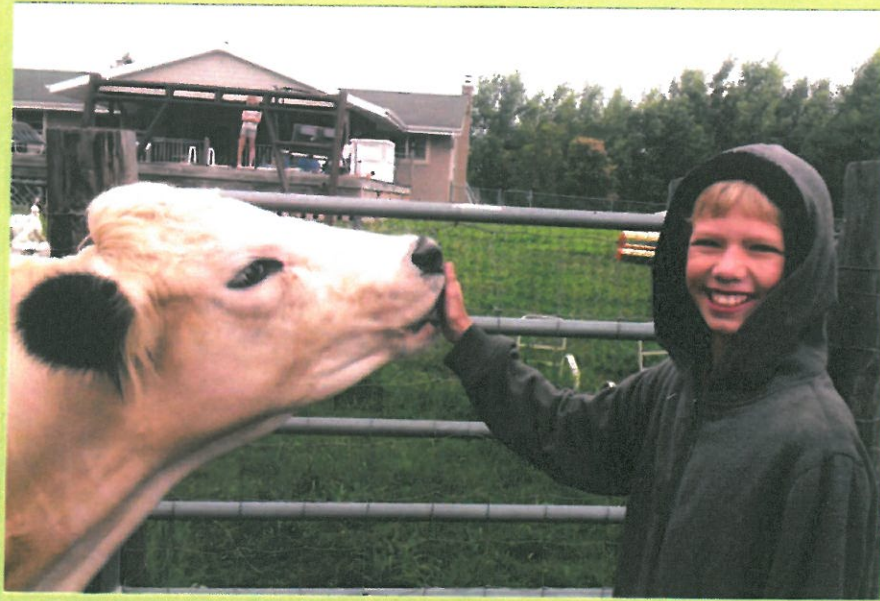


Bringing Danny home.



Putting fly spray on.

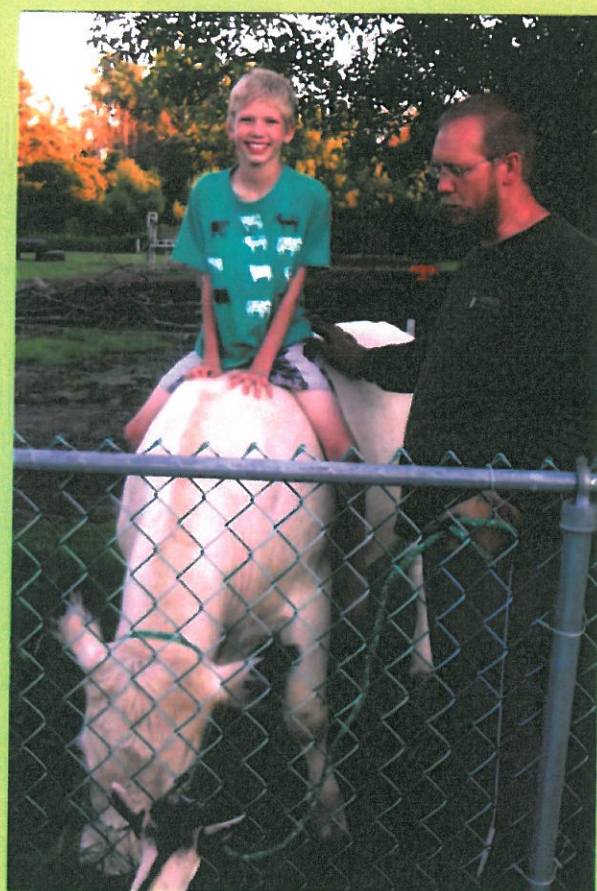
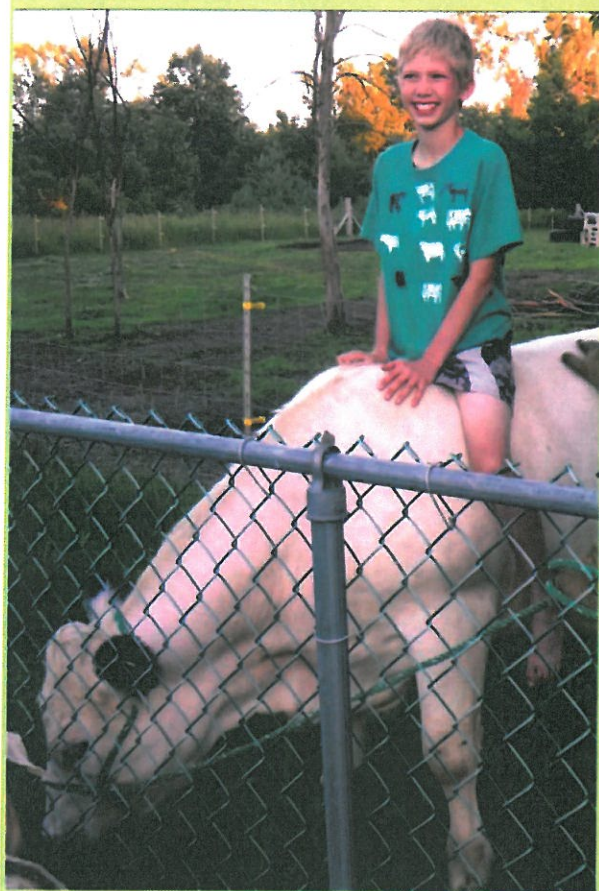




Feeding apples.



Favorite thing to do with my steers, riding.



My Danny-boy.

