Cornell University
Cooperative Extension
Allegany County

4-H Office

5435A County Road 48
Belmont, NY 14813
t. 585-268-7644 ext. 16
f. 585-268-5939

http://allegany.cce.cornell.edu

January 4, 2019

Dear 4-H'er:

Your Project Record Books have been revised for 2019 and there are a few changes we wanted you to be aware of:

- We have included your pre-fair registration form, fair registration form and the *Fair Rules and Regulations* for each animal you will be showing with your record book.
- Due dates for each form are stated on the top in red.
- Record Books and all fair forms will be available on the 4-H webpage (http://allegany.cce.cornell.edu/4-h-youth-development) as well as in the 4-H office.
- Project Record Books are designed so that you work on them throughout the duration of your project, and not at the very end. Please plan your time wisely in order to get the most from this fun and rewarding opportunity!
- Fair forms for all show areas will be printed in the upcoming Clover Connection Newsletter.

    Your project records will be due to the office on Friday, September 20st by 4 pm

If you have any questions or concerns, please contact me at the office at 585-268-7644 ext.16 or by email at pjh34@cornell.edu
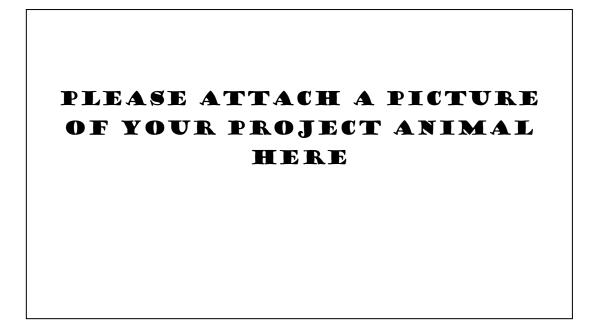
I look forward to seeing you at fair this year!

Sincerely,

Tricia Heary
4-H Program Educator
Allegany County

Building Strong and Vibrant New York Communities

Cornell Cooperative Extension is an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities and provides equal program and employment opportunities.

Allegany County Cooperative Extension

Senior Breeding Beef Project Record Book

_____

PLEASE ATTACH A PICTURE
OF YOUR PROJECT ANIMAL
HERE

Name: _____

Name of your animal_____

Age (as of January 1st) _____Years in 4-H _____

Date Project Started_____Date Project Closed _____

Instructions:

1. Use this project record for breeding beef, specifically a cow that will be calving.

2. Keep a separated record for each individual animal. Once the calf is born it should have a Beginner Breeding Beef Record Book started.

3. Fill out a new project record book every year, however some information will carry over year to year.

4. Write the things you do with and without your animal that relates to your animal project.

5. Keep all receipts as proof of money spent for your projects. Photo copies of receipts are allowed.

6. Turn in your project record at the same date as portfolios are due to get credit for you project.

(If you have any questions about your project record, please contact the office at 585-268-7644 ext. 16 or ext.11)

Project Plans

Complete this section after you take ownership of your project.

Why did you choose this individual animal?

_____

_____

_____

_____

How do you plan to care for this animal?

_____

_____

_____

_____

What do you want to learn about your project this year?

_____

_____

_____

_____

How will you ensure your animal is on track for show and market?

_____

_____

_____

_____

Project Animals Information

Animal's Name _____

Identification Number and/or Tattoo _____

Breed(s) _____

Gender _____   Date of Birth _____

Date of Purchase _____   Total Purchase Amount $ _____

Purchase or Current Weight _____ Current Body Score _____

Number of Days until Show _____ Expected Calving date _____

Actual Calving date _____

Lifetime Number of calves _____ Number of Live Healthy Calves _____

Project's Pedigree

(Fill out as much of you projects pedigree you know even if it is just different breeds that make up your animal)

Project Evaluation

How many animals did you look at before choosing this cow? _____

Why did you choose this cow?_____

_____

What is this animals best structural characteristic and why? _____

_____

What is one structural fault of this animal and why? _____

_____

What plan do you have in mind for this year for this cow? _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Project Performance

Use this chart to document your cows calving. If she had previous calves, start with them and use them to compare against one another. If this is her first calf, compare it to the current breed averages. In the weight column be sure to state if this is a birth weight (BW), weaning weight (WW), a performance tracking weight (PTW) or yearling weight (YW). Some stages in the calf's growth, the cow's current body weight, body condition score and utter score are needed as well as a calf's hip height (fill where appropriate). Utter scores are two digits (1-9). The first number denotes teat size (9 for small teat size – 1 for balloon-shaped teats). The second number classifies udder floor attachment (9 is tight and level – while a 1 is pendulous and broken floor). More sheets can be attached.

Date Animal ID	Weight (lbs) Stage/Body Condition score	Days between last and taken weight	Total pounds gained	Pounds gained per day	Hip Height or Utter score
2-7 Cow1	1,253lbs Calving- 6	X	X	X	87
2-7 Calf 11	76lbs BW	X	X	X	X
7-7 Calf 11	452lbs WW	180 days	376lbs	2.0 per day	43 inches
7-7 Cow1	1,250 Weaning- 5	X	X	X	X

How did calving go? _____

_____

How well did your cow milk compared to breed averages? _____

_____

What was your calf's over-all average daily gain from birth to weaning? _____lbs

How does this compare to other calves produced by this cow? _____

Was there anything you could have done different to improve calving or this calf's performance? _____

_____

Breeding Evaluation

When will your animal be eligible to be bred back? _____

What date do you expect you're animal to be bred back? _____

How will you breed your animal? _____

Heat Tracking

Use this chart to help track heats on your cow after calving. Your start date can be her actual calving date.

Date	Behavior displayed	Bleed off date	# of days in her cycle	Next expected heat
7-20	Standing for mounting	7-21	17	8-6

*If you breed your cow, mark it here in this chart so you can check for her next heat to help determine conception. Synch protocols can also be documented here if used. Additional pages can be added.

Is your cow showing regular cycles? Why or why not? _____

_____

Did you synch your cow for breeding if so what synch protocol did you use?

_____

Did your cow settle on the first bred back breeding? _____

Why or why not? _____

If conception was achieved, when is your calving date? _____

Bull Selection

Compare at least two bulls including the bull you use for breeding. Even if you are not breeding this animal in the current project year evaluate two bulls you will use in a future breeding.

Bull #1

Name _____   Breed _____

What are some reasons to use this bull for breeding? _____

_____

_____

What are some reasons not to use this bull for breeding?_____

_____

_____

Bull #2

Name _____   Breed _____

What are some reasons to use this bull for breeding? _____

_____

_____

What are some reasons not to use this bull for breeding?_____

_____

_____

What bull did you choose (name) _____

Feed Records

Example

Date	Bought (B) or Grown (G)	Feed Type/ Source	Number of Units	Weight of a Unit	Total weight	Cost per Unit Total Cost	Cost per Pound
2-7	*G*	*Hay/Forage*	*6 Bales*	*40lbs per Bale*	*240lbs*	*$2/ Bale* *$24.00*	*$.05*
2-7	*B*	*Corn/Energy*	*6 Bags*	*100lbs*	*600lbs*	*$10.95/ Bag* *$65.70*	*$.11*
2-7	*B*	*Grower/ Complete*	*8 Bags*	*100lbs*	*800lbs*	*$13.95/ Bag* *$111.60*	*$.14*
2-7	B	Grower/ Complete	.21 Bags	100lbs	21lbs	$10.00/ Bags $2.10	$.10

Your Records

Date	Bought (B) or Grown (G)	Feed Type/ Source	Number of Units	Weight of a Unit	Total weight	Cost per Unit Total Cost	Cost Per Pound

Information to Assist Your Feed Records

Additional pages can be added if needed. Remember purchased or bought items should have a receipt to document the purchase. Photo copies of receipts are allowed. If you are feeding more than one animal, only document the feed that is given to *your* individual animal. Depending on your set up we realize calculating feed cost for one individual can be difficult. Estimations for this purpose are acceptable as long as the documented receipt can prove to be accurate.

For example: You are feeding a group of ten calves and buying two hundred pound bags of feed every week at ten dollars a bag, note the relative size of your calf compared to the group. All ten calves are eating approximately 2.86 pounds of feed a day each. If your calf is the biggest and spends the most time at the feeder, he/she is probably eating more than average. This should be documented at three pounds per day.

Here is how the math works:

> 200 lbs of feed given to 10 calves = 20 lbs of feed per day
>
> Divide by 7 days = 2.86 lbs of feed per calf per day
>
> You would round up because your calf is bigger to 3 pounds per day
>
> 3 lbs X 7 days = 21 lbs of feed per week
>
> 21 lbs is less than 100 lbs therefore 21 lbs/100 lb bag is 0.21 bags

*See the last line in the example chart for documentation of this. Be sure to make a notation on the receipt to reflect the relative cost.

Summary of Feed Costs

Total cost of forages fed (add all forage cost per unit total cost) _____

Total cost of grains fed (add all grain cost per unit total cost) _____

Total cost of supplements fed (add all supplement cost per unit total cost) _____

Total feed cost (add all three totals up)_____

Project Health Treatment Records

These costs can consist of deworming, veterinary calls, vaccinations or any other health or preventive treatments.

Date	Animal or pen ID	Product name	Amount administered	Route of administration	Person who treated animals	Preslaughter withdrawal	Date withdrawal completed	Date and treatment results	Advising veterinarian	Cost

Other Costs or Income

These costs can consist of general supplies like; halters, brushes, bedding, trucking and breeding costs. Income can be prize money won or manure sold. Sale of a calf produced by this cow should also be documented here.

Date	Item/description	Cost ($)	Income ($)
Example 4/18	Entry Fee	$5.00	
Total			

Financial Summary

Here is where you are going to determine your cow's profitability.

Income

Calf sale income $_____   Other income total $_____

Expenses

	Beginning Evaluation ($)	Actual Amount ($)	Total ($)
Cost of animal if Purchased ($) Or * total cost from purchase to project start date			
Total Feed cost ($)			
Total Health Care cost ($)			
Total Breeding cost ($)			
Total of Other cost ($)			
Total income ($)			
Your cost to raise this Cow project this year($)			

*Only put this value in if you had this animal previous year(s) and have continued to raise her. The value would carry over from your last project record.

Was your cow profitable this year? If not, why and when do you project a profit?

_____

_____

_____

If you didn't sell any of this cow's calves this year, what is the current value of her offspring? $_____

Subtract this amount from the total cost to raise your cow $_____

Did you show profit? _____

Could you do something differently next year to increase profitability of next year's project? (Examples: get my cow bred back on time, creep feed calves prior to weaning)

_____

_____

What You Experienced

How did your initial profitability evaluation and the actual compare and why?

_____

_____

Where did you keep your animal? _____

_____

What did you do to take care of your animal? _____

_____

_____

How much and what did you feed your animal? _____

_____

What did you do to keep your animal healthy? _____

_____

_____

What did you do to keep your animal and equipment clean? _____

_____

_____

What did you do to groom and train your animal? _____

_____

_____

What are you doing next with your animal? _____

_____

_____

What was one skill you learned or improved this year? _____

_____

_____

What was one goal you met this year? _____

_____

What would you like to learn or do next year? _____

_____

_____

_____

Rules and policies governing 4-H and FFA Market and Non-Market Beef Steers and Market and Non-Market Dairy Steers Classes and Sale

Only Allegany County 4-H and FFA members are eligible and must be 8 years old by January 1ˢᵗ of the current show year.

1. All project beef steers must be purebred or beef breed crosses. A market beef steer cannot knowingly consist of a dairy beef cross. Dairy Steers are to be of dairy breeding or cross of a dairy breeding to be eligible.

2. Project steers must be born on or after January 1ˢᵗ of the previous year. All steers must be properly dehorned or polled.

3. All Market steers (in sale) must be owned by the member and officially entered at the 4-H office. Entries are to be postmarked on or before January 31ˢᵗ. All Non-Market steers (not in sale) can be entered as late as May 1ˢᵗ. Appropriate entry forms will be provided through the Clover Connections publication, online, in the project record books and at our website. All steers will be inspected and ear tagged by Livestock Committee Members. Please have steers confined for tagging.

4. Project members will be required to have a NY State series "21" type ear tag, which can be installed by a veterinarian. (A series "21" type ear tag must be installed regardless of other ear tags already present on the animal.) If the ear tag is lost, the member is to notify the 4-H office in Belmont as soon as possible. Failure to notify the office or chair person may disqualify the animal. A new tag is to be installed immediately.

5. **Steers to be in place at the fairgrounds by 1pm** the day before the fair opens unless prior arrangements are made with the beef superintendant. Health papers must accompany the animal.

6. Each exhibitor must participate in the appropriate showmanship class with their own project animal.

7. All animals must be exhibited unless excused by superintendent because of illness, injury, temperament etc. If two animals are entered in one class, the second animal must be shown by a 4-H/FFA youth age 9-18, prior to January 1 of the year of the fair, who has shown a cattle project before or is otherwise approved by the Livestock Committee.

8. When showing or working around beef or dairy steers at the fairground, leather shoes or boots, preferably not light weight rubber boots, should be worn for safety. **No sneakers or sandals will be permitted**.

9. Completed record books must be presented and turned in at the project interviews.

10. Health papers are due at time of arrival. All project animals will be officially weighed-in by the Livestock Committee starting apporximently at 3 PM, Sunday before the fair opens. Project animals will only be weighted once. No filling or pumping allowed. Animals are not to be fed or watered two hours prior to being weighed. Each superintendent will be around to give a "last call" for feed and water for your species.

11. Steers must be fed, cared and groomed by the exhibitor. Limited assistance by other Allegany County 4-H and FFA members is permitted if necessary.

12. Weight requirement:
    All Market eligible beef steers must weigh a minimum of 950 pounds at fair weigh-in to be accepted and sold in the market sale. Dairy steers must weigh a minimum of 1,000 pounds at fair weigh-in to be eligible for the sale. Animals not meeting this minimum weight requirement will be considered feeders or Non-Market steer and placed in the appropriate weight class for show divisions.

13. Eligible Market animals must go through the auction and be sold to the highest bidder. An eligible animal is considered to have met all pre-fair, weight and age requirements as well as received a blue or red ribbon from the Market steer class during the youth beef show. Each exhibitor should actively secure buyers for his or her animal to be bid on and purchased sale night. Any animal pulled from the market sale that was shown in the market class will be subject to a penalty fee and forfeit all premiums and prizes earned.

14. The 4-H Livestock Committee will organize the sale and buyer recognition in return for a fee. 4-H will provide billing (not collection) and pay an exhibitor whom has met all requirements accordingly. The fee will be based on a percentage of gross sales receipts. The rate will not exceed 8% of the gross sales receipts, except in the case of penalties.

15. All steers will be placed according to weight class with Beef classes being Light, Medium and Heavy Weight. An Intermediate Weight class may be added, at the discretion of the Superintendent in charge. The Dairy Steer classes will be divided at the discretion of the Superintendent in charge accordingly. Steers that are to be non-market and not sold in the market sale are either designated at the time of enrollment by January 31st or are animals that did not meet weight or other requirements.

16. An extra fee will be deducted from any member's check that removes an animal or does not properly feed, clean and care for his/her animal until the release time set by the fair association. Animals left after the release time must be properly secured. Youth must participate in the cleaning of barn area after removal of animal unless otherwise excused by the Livestock Committee.

17. **Non-market steers need transportation after the fair is the responsibility of the exhibitor.** The livestock committee can assist with transportation for an additional trucking fee. If the animal is to be shipped to a slaughter facility the proper slaughter paper work must accompany the trucking fee or the animal will not be loaded and shipped.

18. Each exhibitor must care for his/her own animal, show them and help maintain cleanliness in the barn and show area.

19. The official judge for each class will judge based on the Danish system. The decision of the judge will be final and viewed with respect by all participants.

20. All market animals must conform to the Animal Health Regulations as started by the NYS Department of Ag and Markets posted annually. **All vaccinations such as rabies and shipping fever must be given within appropriate withdrawl times this can range from 14 days to 45 days depending on the vaccine.** It is the responsibility of the exhibitor to ensure withdrawl times are met prior to slaughter. Also BVD testing is a state requirement and you

need to allow for test results to be completed and returned prior to fair as well as health papers. Local vets or livestock committee members can help you if health paperwork and proof of vaccination is unclear.

21. Failure of an exhibitor to comply with any regulation may result in an additional sale fee and/or disqualification at the discretion of the Livestock Committee.

22. Species superintendent (and/or committee members) has the privilege to inspect animals during the course of the project.

23. The forgoing rules and policies are intended to supplement those in the Allegany County Fair Premium Book.

24. Participation in the Youth Market Show and Sale implies acceptance of these policies and rules by the participating member and his or her parents.

**************** NO RULES WILL BE CHANGED******************

MARKET ANIMAL SALE RULES
* All market animals must be sold at the fair sale, with the exception of animals labeled as Non-Market
* Animals will be sold to the highest bidder
* 4-H Livestock committee will organize sale and buyer recognition in return for a fee
* 4-H will provide billing and pay to qualified exhibitors
* All animals will comply with proper vaccines, testing and treatment withdrawl times
These rules are included on the market entry from and must be signed by legal guardian and exhibitor.

I have read and understand completely the rules and regulations regarding Market and Non-Market steers. I understand that I can be charged addition fees and forfeit premiums and prizes earned if I do not comply with all the above rules, polices, and regulations set forth by the Livestock Committee.

_____   _____
Exhibitor Name (print)   Date

_____
Exhibitor Signature

_____   _____
Legal Guardian Name (print)   Date

_____   _____
Legal Guardian Signature   Date

<p style="text-align:center;color:red">THIS IS NOT A FAIR ENTRY FORM</p>

Note: This completed form must be received in the 4-H office by the entry deadline of May 1st

Allegany County 4-H Project Registration for –   **Breeding Beef**

Please note; fill all of this form out in either BLUE or BLACK ink or type. Additional copies are available at http://allegany.cce.cornell.edu

Member's Name_____Age _____
(As of 01/01/ current yr.)

Address: _____

Phone: _____Club Name: _____Years in 4-H _____

Number of Beef Project Completed: _____

	Animal #1	Animal # 2
Breed	1)_____	2)_____
Ear Tag#	1)_____	2) _____
Date of Purchase	1)_____	2) _____
Birth Date	1) _____	2) _____
Name of Breeder	1) _____	2) _____
Purchased From	1) _____	2) _____
Purchase Weight	1) _____	2) _____
Purchase Price	1) _____	2)_____
Size	1) _____	2) _____

<p style="text-align:center;">**(nose to tail/foot to shoulder)**</p>

Parent/ Guardian Signature:

_____

Use this for SHEEP
Due at the
4-H Office by June 1ST @ 4PM

FOR OFFICE USE
EXHIBITOR'S
NO. _____

JUNIOR DEPARTMENT – ENTRY
Allegany County Fair
BREEDING BEEF, SHEEP, AND SWINE ENTRY
NOT MARKET

INSTRUCTIONS: List below the items you wish to enter. Return to the 4-H Office by 4PM June 1st (Entries received by the 4-H Office after June 1st will receive participation ribbons, but no cash premiums). Be sure to indicate clearly the correct class number and name of class from the Fair Book.

Advance entries are required, so make the proper entry for ANY animal you think you will exhibit. The entry should be cancelled at the time of the Fair if you cannot exhibit a particular animal.

All entries are accepted with the understanding that the Allegany Agricultural Society and Cornell Cooperative Extension will not be held responsible for any loss, damage, or injury to any animal exhibited or any article or any kind. All animals shall be under the control and direction of the animal committee but solely at the risk of the exhibitor who will be responsible for any loss, damage or injury to any person, animal or property occasioned by him, his agents or employees, or by any animal owned or exhibited by him, and shall indemnify against any and all damages and liability thus occasioned, including attorneys fees, which may have occurred as a result thereof. The submitting of this entry form to the Fair Office shall constitute an acceptance by each person signing same provisions herein set forth. **CLOVERBUDS DO NOT BRING THEIR OWN ANIMALS, THEY SHOW ANOTHER MEMBER'S ANIMAL ALREADY ENTERED IN THE FAIR.**

All entries and participants are subject to the rules and regulations of the Allegany County Agricultural Society.

Exhibitor or Owner's Signature _____ Junior Exhibitor's Parent or Guardian's Signature _____

PLEASE PRINT in DARK INK or TYPE CAREFULLY:

Name _____ Age as of 1/1/current year _____ Date _____

Address _____
(Street, RD, P.O. Box & Apt.#)   Town   State   Zip   Phone _____

4-H Club _____   Birth Date _____

PARENTS OR GUARDIANS – Your signature represents a request on the part of you and your child to exhibit at Allegany County Fair's Junior Department and that you approve of the entries below.

Parent or Guardian Sign Here: _____ **Fundraiser Participated in:** 1. _____ 2. _____
NOTE: (DAIRY, HORSE, and RABBIT Exhibitors are to use SPECIAL ENTRY FORMS)

To be able to have a live animal class for the Judging Contest we need to use members' animals.
Yes, my animal(s) may be used for the 4-H Judging Contest(s): _____
Signature _____

(Enter entries on reverse side)

Section & Class Number	Name of Class	Registration Name & Number	Birth Date	Tattoo and/or Tag Number

***Do you have animals entered in any OPEN CLASS? _____ YES _____ NO   If so, use the Open Class entry form for those animals.

Are you showing in other departments at the Fair? _____ YES _____ NO

If you are keeping your stock with an adult exhibitor, give his or her name. _____

Check event entries here:

Showmanship: _____ Senior (14 & up)

MANDATORY   _____ Junior (9 – 13)   _____ Novice (first year)

Approx. Weight _____   Can your animals be housed together or separate? _____

EXHIBITOR NAME / 4-H AGE as of 1/1/ current year _____