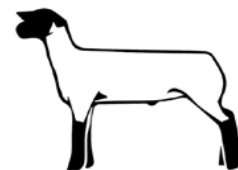


Hawai'i 4-H Breeding Ewe Project Book 20_____



Form 319b (5/20)

Member Information

Name		Age (as of Dec 31st)	Junior or Senior
Address			
City	State	Zip Code	County
Club Name		Club Leader's Name	
Year in 4-H	Year in this project	County or State Exhibit	Grade in School

Animal Information

Name	Breed Composition	Color and Sex	4-H Tag / Tattoo Number
Breeder Name and Address			Breeder Phone Number

Commitment to Stewardship and Welfare

<p>I WILL:</p> <ol style="list-style-type: none"> 1. Provide comfortable housing for my animal(s). 2. Feed my animal(s) on time each day. 3. Provide my animal(s) with clean water at all times. 4. Keep my animal(s) free from parasites. 5. Strive to keep my animal(s) in good health. 6. Be kind to animals and act in their best interest. 7. Complete mandatory quality assurance trainings. 8. Keep an accurate record of my projects. 9. Submit required paperwork and forms on-time 10. Always show good sportsmanship in competition. 11. Participate in 4-H Club activities 12. Complete my project requirements. 	
<p>Quality Assurance Completion Date:</p>	
<p>I UNDERSTAND that the presence of any drug, antibiotic or biological residue in my project animal at slaughter will result in the condemnation of the carcass and forfeiture of all sale proceeds and premiums. I certify that any drug, antibiotic or biological which may have been administered by me, or any other person, was done so in strict compliance with the manufacturer's label requirements.</p>	
Member Signature	Parent Signature
Leader Signature	Agent Signature



COOPERATIVE EXTENSION

UNIVERSITY OF HAWAII AT MĀNOA
COLLEGE OF TROPICAL AGRICULTURE AND HUMAN RESOURCES

PROJECT PLAN

Before purchasing animals, begin by completing a plan. Review your plan with your 4-H project leader.

Learning Goals

What do you hope to learn about and what skills do you want to practice while doing this project? Is this your first year in this project, or have you raised a breeding ewe animal prior to this?

My goal for my project this year	What I need to do to reach this goal

Planning Notes or Questions You Would Like Answered

PROJECT MANAGEMENT RECORD

Record this information at the time(s) you purchase your animal and start the project.

Name of Animal		Breed	Color
Birthdate of Animal	Tag / Tattoo Number	Purchase Weight	Purchase Date
Purchased From		Total Purchase Price	

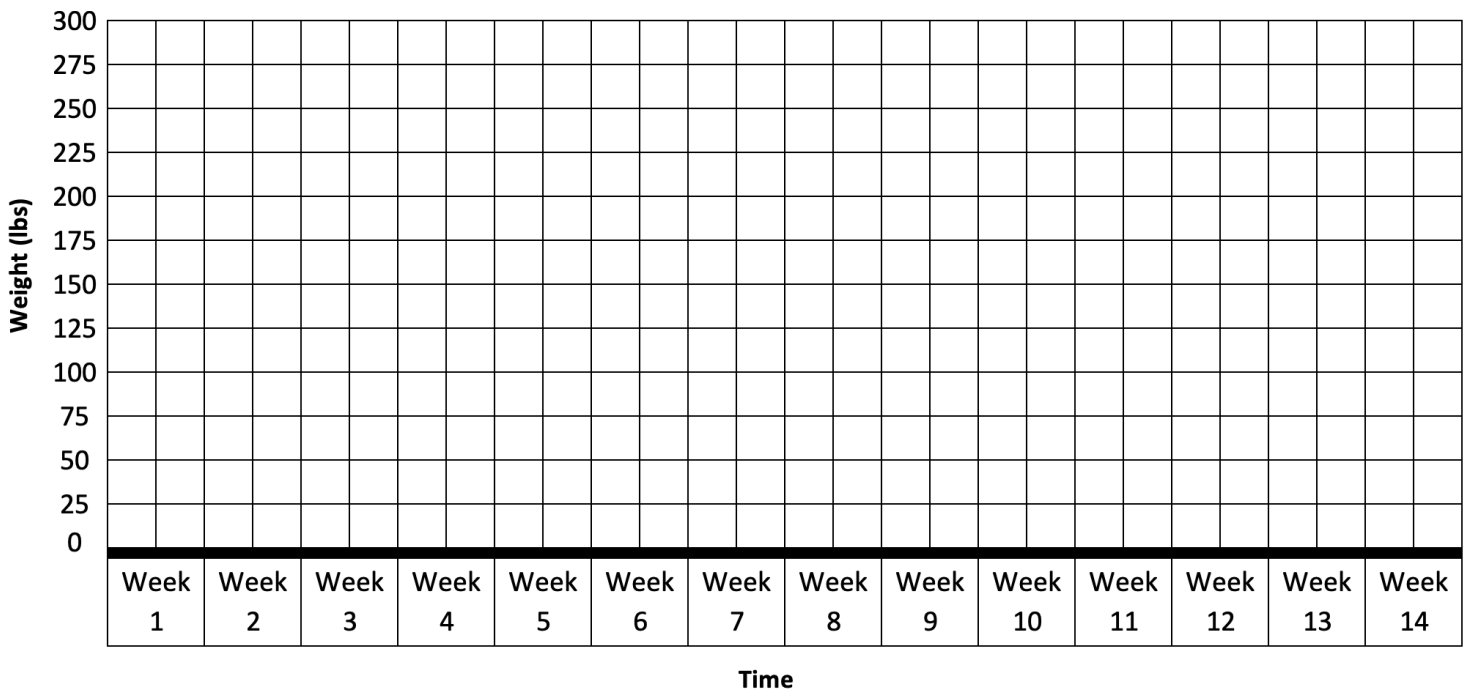
Did you replace the original animal that you originally started the project with? If so, describe that experience and put the original animal's information below.

ANIMAL CARE & MANAGEMENT

Lamb Performance Record: You must have a beginning weight and a starting date. The “Expected” column should be completed at the start date and starting weights were measured. The ending weight and date for these records will be completed at the final weigh in.

<i>Performance Statistics</i>		<i>Example</i>	<i>Expected</i>	<i>Actual</i>
Starting Date of Project	a.	3/1/20		
Ending Date of Project	b.	6/1/20		
Days on Feed = (b – a)	c.	90		
Starting Weight, lb	d.	70		
Final Weight, lb	e.	135		
Total Weight Gain, lb = (e – d)	f.	65		
Average Daily Gain, lbs. / day = (f / c)	g.	0.72		
Feed Efficiency, lb feed / lb gain (i / f)	h.	7.5	7.5	
Amount of Feed Needed, lb = (h x f)	i.	487.50		

Breeding Ewe Performance Graph. Chart the estimated weight of your animal on this graph throughout the duration of the project. Use a tape to estimate weight if a scale is not available.



Treatment Records: List vaccinations, medications (includes medicated feed) and products used for internal and external parasite control. Treatment records must be kept for one year after the last day of treatment, whereas feed medication records must be kept for two years. Attach prescriptions and other medication information to the back of this Project Book.

<i>Date and Time</i>	<i>Condition Being Treated</i>	<i>Estimated Animal Weight</i>	<i>Treatment Amount</i>	<i>Treatment Route¹ (Oral, SQ, IM, drench, etc.)</i>	<i>Who gave Treatment?</i>	<i>Withdrawal Time</i>	<i>Rx? (Yes/No)</i>

List your veterinarian’s name, address, and phone number in the space below.

PROJECT FINANCIAL RECORD

Feed Purchased and Associated Costs. Record purchases of feed and supplements (minerals, vitamins, salt, etc.) throughout the project period. Note if feed is complete feed (starter, grower or finisher), concentrate or a supplement.

<i>Date</i>	<i>Name of Feed (if applicable). Place Feed was Purchased From.</i>	<i>Size per bag (lbs)</i>	<i>Cost per bag (\$)</i>	<i>Amount Purchased (lbs)</i>	<i>Total Cost (\$)</i>
Totals					

Did you have any issues feeding your animal or obtaining feed this year? Please explain. _____

¹ Subcutaneous (SQ) means treatment under the skin; intramuscular (IM) means treatment in the muscle.

Treatment Expenses: List expenses for dewormers, vaccines and or veterinary costs related to your project.

<i>Date</i>	<i>Item Description</i>	<i>Purchased From</i>	<i>Lot Number</i>	<i>Expiration Date</i>	<i>Total Cost (\$)</i>
Totals					

Other Expenses: List expenses for other items used in the project (fencing, panels, ropes, show sticks, halters, feed troughs, waterers, other supplies, etc.)

<i>Date</i>	<i>Item Description</i>	<i>Quantity</i>	<i>Item Cost (\$)</i>	<i>Total Cost (\$)</i>
Totals				

Exhibit Expenses: List expenses for other items used in the project (transportation costs, lodging, pen fees, other supplies, etc.)

<i>Date</i>	<i>Item Description and Expected Lifespan</i>	<i>Total Cost (\$)</i>
Totals		

Financial Plan and Records. The “Expected” column should be completed at the start date and starting weights were measured. The ending weight and date for these records will be completed at the final weigh in.

Expenses	Expected	Actual
A. Animal Purchase		
B. Feed Costs		
C. Treatment Expenses		
D. Other Expenses		
E. Pen Fees / Exhibit Expenses		
F. Total Expenses (Add lines from A to E)		
Income	Expected	Actual
G. Animal Sales Income Needed to Break Even (same as F)		
H. Final Weight of Animal		
I. Price Needed (\$/lb) = Sales Income (G) / Final Weight (H)		

Project Finances. Describe the financial agreements you have made with financial institutions, your family (parents) and/or other persons regarding this project.

Summary of Time Spent with Your Project:

Hours spent providing general care (daily feeding, watering, pen cleaning, etc.)	hours
Hours spent preparing for show (training to lead, washing, clipping, etc.)	hours
Hours spent elsewhere (vaccination, veterinarian visits, quality assurance, etc.)	hours
Total number of hours spent with your project	hours

Breeding Sheep Project Information

Ask your 4-H leader, Extension Agent, Breeder, or Parents for help in completing this page

Basic Animal Statistics and Pedigree Information

Ewe's Ear Tag Number		Sire's ID or Name		Sire's Breed	
Ewe's Breed Composition		Dam's ID or Name		Dam's Breed	
Type or Birth (Single, Twin, Triplet)		Scrapie ID Tag			

Performance Projections

Birth Date		Initial WT (lbs.)		Initial Age (days)		Initial WDA ²	
Vaccinated for CD&T (yes/no)		Final WT (lbs.)		Final Age (days)		Final WDA ¹	
Minimum Weight for Breeding Ewe Lamb ³				Average Mature Weight of Ewes in Origin Flock ¹			

Complete the following regarding your ewe lamb project:

- What is the breed composition of your ewe lamb? Why did you select her for this project? Was she purchased or raised?

- What are some qualities (either positive or negative) about your ewe lambs' conformation and/or performance traits? What traits does she excel in? What would you like to change?

- The hooves of your animal represent the foundation on which they stand. Describe what you have done to maintain or improve your ewe's hoof correctness?

- What Ram or breed of ram would you use to breed your ewe lamb, and why would you select that ram or breed of ram?

² Equation for Weight per Day of Age (WDA) = Weight/Days of Age

³ Ask your breeder about the mature weight of ewes in their flock in order to calculate the expected minimum weight needed before your ewe lambs is suitable to be bred.

- Do you plan to sell or retain your breeding ewe project?

Table 1. Minimum weight to breed ewe lambs based on mature weight of ewes in the flock

Average mature weight of ewes in breeder's flock	Recommended minimum weight before you try and breed your ewe lamb
Lb.	Lb.
90	60
100	70
120	80
140	95
160	110
180	120
200	140
220	150
240	160

REMEMBER, SHEEP ARE VERY SENSITIVE TO COPPER TOXICITY SO ALWAYS BE SURE TO CHECK YOUR FEED BAG TAGS

Knowledge and Skills I Gained This Year

Check each item below that you learned or improved in 4-H during the past year.

I learned or improved my ability to...

HEAD (<i>Independence</i>)		HANDS (<i>Generosity</i>)	
	try something new		work with others
	set goals for myself		work within a group
	plan a project		work within a committee
	keep myself organized		work with adults
	keep track of finances		get past differences to reach a goal
	keep records of my work		help others succeed
	gain knowledge of my project		make something with my hands
	find information on things that interest me		explore a career interest
	use resources wisely		follow directions
	participate in a business meeting		lead others
	run a business meeting		find ways to make a positive contribution to society
	make wise choices and decisions		understand the importance of community service
	solve problems		see that my efforts can make a difference
	learn from my mistakes		take the initiative to start something on my own
	understand it's ok to change my mind if I need to		
	pay attention to instructions		

HEART (<i>Belonging</i>)		HEALTH (<i>Mastery</i>)	
	speak confidently in front of a group		understand my strengths and weaknesses
	give a public presentation		finish something I started
	share my feelings or point of view		be proud of my accomplishments
	make myself understood without being loud		accept change
	listen to other people		see that my character can affect my situation
	respect someone else's feelings		take responsibility for my own words and actions
	resolve differences of opinion		deal with winning and losing gracefully
	appreciate my cultural heritage		be careful and practice safety
	accept people who are different from me		appreciate the importance of good health
	get along with other kids		stay healthy
	make others feel welcome		feel good about myself
	stand up for others		
	make new friends		
	appreciate the importance of friendships in my life		

MY PROJECT STORY

Project Conclusion:

1. What are some observations from working with your animal throughout the course of the project? How did the animal's actual performance compare to the expected performance?

2. What would you change or do the same the next time you begin a breeding ewe project? For example: different feed, different breed, frame size of animal, etc. you would start with.

3. Did you achieve your learning goals? What was most helpful in achieving them? What problems did you experience?

Appendix Section: Attach pictures-with captions, newspaper articles, feed labels, or other artifact, etc., that support your Market Lamb project)