

Alternative Animal Production

Name: _____

Date: _____

Chosen Animal: _____

Section 1: Pros and Cons

- List the pros and cons that are associated with raising your chosen alternative animal. Use the internet and other resources to collect information.

Pros:

Cons:

Section 2: Genetics and Selection

- Answer the following questions: You may need to do some research.

1. What role do genetics play in agriculture?
2. What are some desirable traits for your chosen animal (phenotypic & genotypic)?
3. If this animal is also found in the wild, what traits do they exhibit that likely have been a result of natural selection?
4. How can you use genetic selection to your advantage when raising this animal?

5. What traits would you select for in this animal?

6. How will you select for desirable traits?

Section 3: Nutrition

➤ Answer the following questions: You may need to do some research.

1. Why is animal nutrition important?

2. What are some factors you should consider when determining an animal's nutritional needs?

3. Does your chosen specie have any specific dietary needs?

4. What types of feeds, supplements, etc. are needed to produce your specie of animal?

Section 4: Health and Management Needs

➤ Answer the following questions: You may need to do some research.

1. Why is animal health important?

2. List any specific health issues that should be taken into consideration when raising your specific specie of animal.

3. What additional management practices need to be in place for the production of your chosen animal? (For example, a fence that would contain a beef cow would not contain an elk.)

Section 5: Consumer Products

➤ Answer the following questions: You may need to do some research.

1. What consumer products are derived from your animal?

Section 6: Consumer Demand and Marketing

- Answer the following questions: You may need to do some research.
1. Does there appear to be much demand for your animal's products? Why do you think that is?
 2. How are animal products from your chosen specie usually marketed and sold? (online, farmer's markets, etc.)
 3. What are the producers of your chosen animal doing to market their product? (what are the main selling points? How are they advertising? etc.)
 4. How would you market this animal? What do you like that other producers are already doing? What would you do differently?

Section 7: Alternative Animal Presentation

- This is the final stage of this worksheet. You are to make a PowerPoint presentation that will share all of the information you have learned about producing your chosen animal species. Use the information in this worksheet for your presentation.
- The presentation must follow these guidelines:
 - Created on PowerPoint or similar program
 - 7-10 slides
 - 3-4 pictures in the presentation
 - 3-5 minute presentation