4-H Livestock Project Planning Worksheet

This worksheet is designed to encourage communication while helping members and their parent(s) carefully consider the various aspects and costs associated with a given livestock project – before they purchase an animal. Developing a project plan and budget increases the potential for member success and in having a positive 4-H experience.

General Considerations:

1. What species do you want to take? ________________________________

2. What type of project do you plan to take (circle): Market Breeding Pet
   {If you selected the Market option, do you understand that the final result of this project is to finish an animal that will be sold, harvested and converted into food products?} Yes No

3. Have you read the project requirements for this specific project (circle one)? Yes No
   {If not, contact your leader or go on-line extension.ag.uidaho.edu/kootenai for a copy of the requirements}

4. How much time each day are you willing to commit to this project? ________________

5. How much money do you want to invest in this project? $_____________

Facilities:

6. Are all your facilities (listed below) adequate, or are improvements needed {inc. estimated cost}? Y N Shelter/barn: ________________________________ $_____ Y N Fences: ________________________________ $_____ Y N Feed Equip: ________________________________ $_____ Y N Water Equip: ________________________________ $_____  

7. Do you have facilities necessary to provide basic health care treatments (circle one)? Yes No

8. Do you have a veterinarian that works with your chosen species (circle one)? Yes No
   {If not, you may want to seek out a veterinarian to help guide you in knowing what health care treatments your potential project animals should have received, and to assist in ongoing health care matters.}

9. What is your plan for disposing of animal waste (manure) / odor control: ________________
    __________________________________________________________________
    __________________________________________________________________

~ ~ ~ Over ~ ~ ~
Animals:

10. How many projects animals do you plan to raise? ___________________

11. What are potential sources for your project animal(s)? ____________________

__________________________________

__________________________________

12. Animal Purchase / Feed Projections
   {Completing the “Thinking Backwards to Get Ahead” worksheet may be helpful in determining purchase and projected final weights for market project animals.}

<table>
<thead>
<tr>
<th></th>
<th>Animal 1</th>
<th>Animal 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Projected Purchase Weight (lbs.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B) Estimated Purchase Price (total $/hd)</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>C) Estimated Final Weight (lbs.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D) Projected Weight Gain (lbs.) // {C – A = D}</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Feed Conversion Ratio (avg. lbs. feed needed to produce 1 lb. gain)

- Beef = 6 lbs
- Sheep (.75 ADG) = 4 lbs
- Swine = 4 lbs
- Goat = 7.5 lbs
- Sheep (.50 ADG) = 6 lbs

<table>
<thead>
<tr>
<th></th>
<th>Animal 1</th>
<th>Animal 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>E) Estimated Pounds of Feed Needed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>{Feed Conversion Ratio value x Projected Weight Gain}</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1) Estimated Cost for Grain</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>{Est. Feed Needed x % ration from Grain x Cost/lb of Grain}</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2) Estimated Cost for Hay</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>{Est. Feed Needed x % ration from Hay x Cost/lb of Hay}</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F) Total Estimated Feed Costs</td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

Marketing:

13. Do you plan to market any of your project animals this year (circle one)? Yes No
   If yes, how (circle)? Stock Sale Private Treaty Classified Ad Other
   Who are some prospective buyers you might contact? ____________________
   ______________________________________
   ______________________________________
   ______________________________________

14. What is the total projected sale value for: Animal 1 = $_______, Animal 2 = $_______
   {Estimated Final Weight x Sale Price/Lb = Sale Value}

Resources:
- Thinking Backwards to Get Ahead
- 4-H Livestock Budget Template