



Youth and 4-H

Market Beef, Sheep, and Swine Project Record Worksheet (For Junior 4-H'ers)

Name: _____

County: _____

Record Start Date: _____

Record End Date: _____

(Use one record worksheet for each type of project.)

Project Type: _____

Project Animal Information

Number or name of animal	Animal's value at start of project	Status of animal at end of project (sold, died, etc.)
	\$	
Total	\$	[1]

IOWA STATE UNIVERSITY
University Extension

and justice for all . . .

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4H 0228 JR

Project Animal Performance Record

Number or name of animal	Date started on feed	Beginning weight	Final weight	Total lbs. of gain	Date of final wt.	Total days fed
Total				[2]	Total	
						[3]

Project Income

Date	Describe what you sold, used at home, earned from shows, or have left at end of project	Total value
Total		[4] \$

Feed Record Summary

Date Purchased	Type of feed (grain mix, hay, pasture, etc.)	Quantity (pounds, etc.)	Total cost
Total		[5]	[6] \$

Other Expenses

Date	Describe expenses other than feed or project animal purchases (entry fees, veterinary services or supplies, interest, etc.)	Total cost
Total		[7] \$

Financial Summary

Item	Directions	Your Project Value
Income		
<i>How much value has your project developed?</i>	Enter box [4]	<input style="width: 100%;" type="text"/>
Expenses		
<i>What was the value of the animals you started with or bought?</i>	Enter box [1]	<input style="width: 100%;" type="text"/>
<i>How much did you spend for feed?</i>	Enter box [6]	<input style="width: 100%;" type="text"/>
<i>How much did you spend on other expenses?</i>	Enter box [7]	<input style="width: 100%;" type="text"/>
<i>What are your total expenses?</i>	Add boxes [1], [6], [7]	<input style="width: 100%;" type="text"/>
Profit or Loss		
<i>Was your project profitable for you? (Positive value means profit; negative means loss.)</i>	Subtract total expenses from income	<input style="width: 100%;" type="text"/>

Project Evaluation

Project Trait	Directions	Your Calculations				
Average Daily Gain <i>(How rapidly did your project gain weight?)</i>	Divide [2] by [3]	<input style="width: 50px; height: 25px;" type="text"/>	÷	<input style="width: 50px; height: 25px;" type="text"/>	=	<input style="width: 100px; height: 25px;" type="text"/>
		[2]		[3]		pounds per day
Feed Efficiency <i>(How much feed did your project need to gain one pound?)</i>	Divide [5] by [2]	<input style="width: 50px; height: 25px;" type="text"/>	÷	<input style="width: 50px; height: 25px;" type="text"/>	=	<input style="width: 100px; height: 25px;" type="text"/>
		[5]		[2]		pounds of feed per pound gained
Feed Cost of Gain <i>(How much did feed cost to produce a pound of gain?)</i>	Divide [6] by [2]	<input style="width: 50px; height: 25px;" type="text"/>	÷	<input style="width: 50px; height: 25px;" type="text"/>	=	<input style="width: 100px; height: 25px;" type="text"/>
		[6]		[2]		dollars per pound of gain