



# Youth and 4-H

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

Name: Ima Four-ter

County: Boone

Record Start Date: April 15, 2006

Record End Date: July 19, 2006

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

Project Type: Swine

### 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.)
Barrow # 2073/paint # 71 – "Moe"	105.00	Sold
Gilt # 1607 – "Little Red"	105.00	Sold
Gilt # 2302/paint # 159 – "Iggie"	105.00	Sold
Gilt # 2304 – "Squiggie"	105.00	Died
	[1]	
<b>Total</b>	<b>\$420.00</b>	

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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
Barrow # 2073	4/15/06	122	278	156	7/18/06	100
Gilt # 1607	4/15/06	102	252	150	9/8/2006	146
Gilt # 2302	4/15/06	100	230	130	7/19/06	99
Gilt # 2304	4/15/06	108	NA	NA	5/22/06	37
				[2]		[3]
<b>Total</b>				436	<b>Total</b>	382

### Project Income

Date	Describe what you sold, used at home, earned from shows, or have left at end of project	Total value
7/24/06	I sold "Iggie" (#2302) at the county fair livestock auction.	
	Premium from Community Bank of Boone	\$ 60.00
	Packer Price: \$.67 per lbs. (carcass weight)	\$117.03
7/24/06	I sold "Moe" to my family to take to the locker. (278 lbs. at \$.53 per lbs.)	\$147.34
9/8/06	I sold "Little Red" to my family to take to the locker. (252 lbs. at \$.53 per lbs.)	\$133.56
		[4]
	<b>Total</b>	\$457.93

### Feed Record Summary

Month	Type of feed (grain mix, hay, pasture, etc.)	Quantity (pounds, etc.)	Total cost
<u>Ration Summary: 4/9/06 - 7/19/06</u>			
	Corn	1343.19	\$45.89
	Tylan 10	3.79	\$6.46
	Envirolean	598.78	\$84.00
	Paylean	3.125	\$5.48
		[5]	[6]
	<b>Total</b>	1949.56	\$141.83

### Other Expenses

Date	Describe expenses other than feed or project animal purchases (entry fees, veterinary services or supplies, interest, etc.)	Total cost
4/15/06	Identification Ear Tags	\$4.00
4/06 & 6/06	Erysiplas Vaccination	\$14.00
7/19/06	Wood Chips for Fair Bedding	\$10.10
7/24/06	Clerking Fees – Boone Co. Fair Livestock Auction	\$2.64
		[7]
	<b>Total</b>	\$30.74

### Financial Summary

Item	Directions	Your Project Value
<b>Income</b>		
<i>How much value has your project developed?</i>	Enter box [4]	\$457.93
<b>Expenses</b>		
<i>What was the value of the animals you started with or bought?</i>	Enter box [1]	\$420.00
<i>How much did you spend for feed?</i>	Enter box [6]	\$141.83
<i>How much did you spend on other expenses?</i>	Enter box [7]	\$30.74
<i>What are your total expenses?</i>	Add boxes [1], [6], [7]	\$592.57
<b>Profit or Loss</b>		
<i>Was your project profitable for you? (Positive value means profit; negative means loss.)</i>	Subtract total expenses from income	(\$134.64)

### Project Evaluation

Project Trait	Directions	Your Calculations		
<b>Average Daily Gain</b> <i>(How rapidly did your project gain weight?)</i>	Divide [2] by [3]	436	÷ 382	= 1.14136
		[2]	[3]	pounds per day
<b>Feed Efficiency</b> <i>(How much feed did your project need to gain one pound?)</i>	Divide [5] by [2]	1949.6	÷ 436	= 4.47156
		[5]	[2]	pounds of feed per pound gained
<b>Feed Cost of Gain</b> <i>(How much did feed cost to produce a pound of gain?)</i>	Divide [6] by [2]	141.83	÷ 436	= \$.32529
		[6]	[2]	dollars per pound of gain