



2023-2024

SWINE

Record Book

By:

Name: _____

Objectives

The purpose of a market hog program is to achieve the following:

- 1) To acquire an understanding and sound skills of market hog production by preparing for, purchasing, caring for, and keeping records on one or more heads of swine.
- 2) To be able to identify the types and grades of hogs and employ efficient methods of marketing.
- 3) To identify the degree of quality, the wholesale and retail cuts of pork products and understand their importance to human nutrition.
- 4) To understand the business aspects and economics of purchasing animals, feed, facilities, and equipment for a swine project.
- 5) To develop integrity, showmanship, sportsmanship, cooperation, and ability to speak in public thru participation in related activities, such as demonstrations, talks, judging events, tours, and exhibitions.
- 6) To develop leadership abilities, build character, and assume citizenship responsibilities.

A very important part of your project is keeping track of what you are doing: how much your pig is gaining, money you are spending, and how much you are earning. This booklet contains records you need for your project. One shows how much your pig is gaining and how fast, another record shows how much money you are spending on feed, and there is one for the money you are earning.

Each record is labeled with the first line filled in as an example. Fill out the rest yourself and keep up with it. If you get behind, you might forget just what should be there, and that defeats the purpose of the records.

Inventory

This record tells you what you start with and what you have at the end of the year. Put down prices you pay, or the estimated value. Your parents can help you with this part. This year's closing inventory will be next year's opening inventory, just as last year's closing inventory will be this year's opening inventory, if you did a swine project last year.

Beginning Inventory

Item Description	Quantity	Value at beginning of project
Hog pen	1	
Hog feeder-pan	1	
Rake	1	
Shovel	1	
Whip/Show Stick	1	
Show box	1	
Brush	1	
Total		

Ending inventory

Item Description	Quantity	Value at end of project
Hog pen	1	
Hog feeder-pan	1	
Rake	1	
Shovel	1	
Whip/Show Stick	1	
Show box	1	
Brush	1	
Total		

Weight Record

Keep a regular record of your pig's weight gain. Weight should be recorded every two to three weeks for a pig. It is important to know how much your pig is gaining. If your pig is not gaining enough it may indicate that your pig is sick, has parasites, or is not getting enough food.

If you do not have a scale, you can use the formula below to get an estimate of your pig's weight. Simply measure the pig's heart girth (chest measurement, just behind the front legs) in inches. Multiply this number by itself (square it) and divide the answer by 8.5.

Example:

If your pig measures 37 inches: $37 \times 37 = 1369$; $1369 \text{ divided by } 8.5 = 161\text{lbs.}$

This formula is usually accurate within 10-25 pounds for pigs that weigh between 100- 250 pounds.

Date	Animal	Weight	Method

Total Weight Gain

Days on Feed

Average Daily Gain

Feed and gain summary

Gain

1) Ending weight	_____ lbs
2) Starting weight	- _____ lbs
3) Total Gain	= _____ lbs

Feed

4) Total pounds of feed	_____ lbs
5) Feed fed per pound of gain (4 divided by 3)	_____
6) Total feed cost	\$ _____
7) Feed cost per pound of gain (6 divided by 3)	\$ _____

Financial Summary

Use this to calculate finances. If the final number is positive, you made a profit for the year. If it is negative, you spent more than you made.

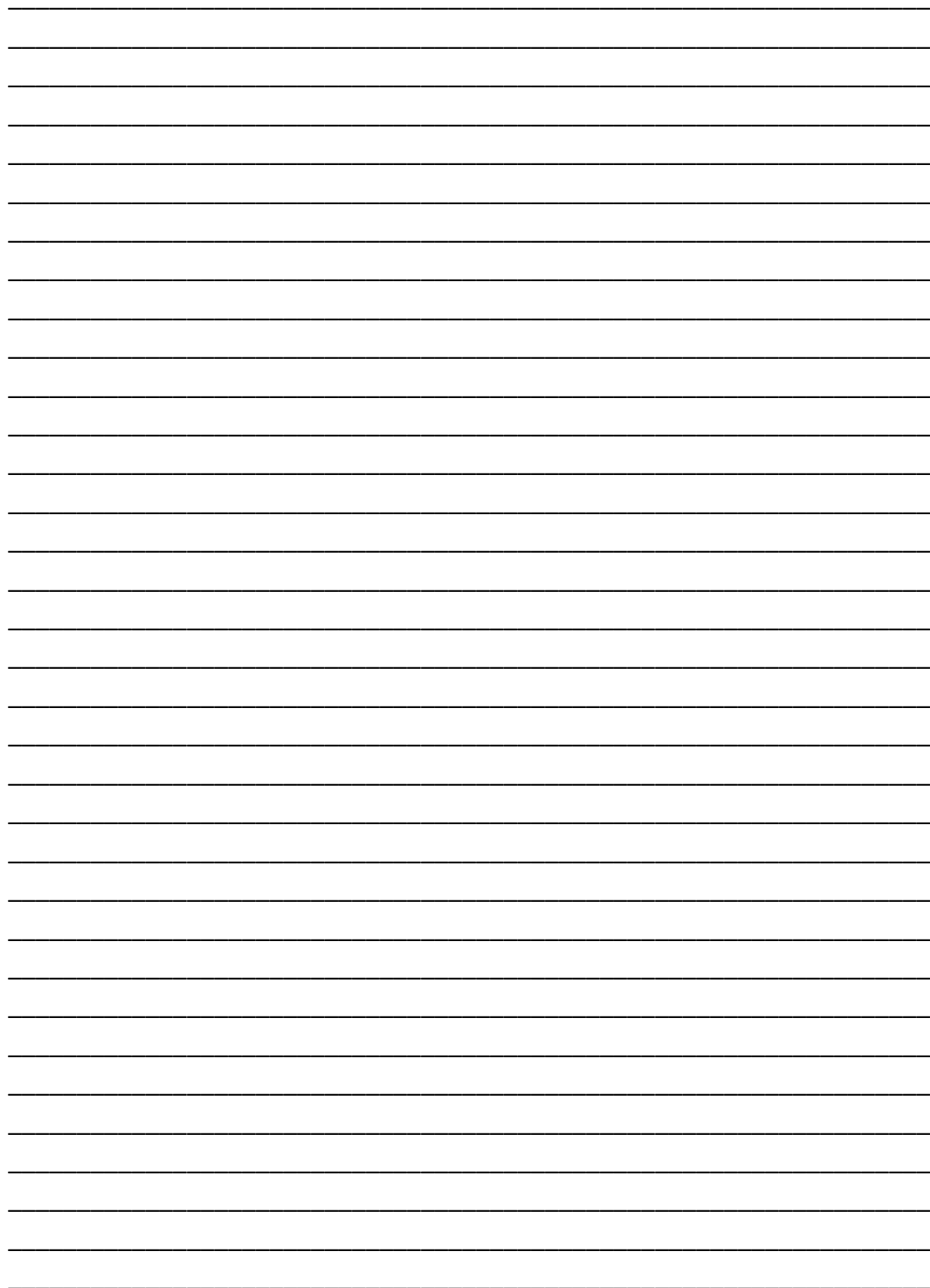
Gross income

1) Closing Inventory	\$ _____
2) Receipts	- \$ _____
3) Total Receipts	\$ _____

Expenses

4) Opening Inventory	\$ _____
5) Expenses	+ \$ _____
6) Total Expenses	= \$ _____

Profit or Loss (Line 6 – Line 3) \$ _____



PICTURE PAGE

