

Swine Educational Activities

Grade 8

Project Year _____

4-H'er Name _____ Club _____

Activity #1

Internal Parasites. Use page 9-12 in the Swine Resource Handbook to answer the following questions.

- Causes moderate to severe to bloody diarrhea in very young pigs, can result in mortalities
 - Stomach worm
 - Large roundworm
 - Threadworm
 - Kidney worm
- Larvae damage liver and lungs; create condition favorable for development of bacterial and viral pneumonia, cause diarrhea and block the intestine
 - Lungworm
 - Large roundworm
 - Stomach worm
 - Coccidiosis
- Ruptures intestinal mucosa, diarrhea, poor digestion
 - Threadworm
 - Nodular worm
 - Kidney worm
 - coccidiosis
- Accumulations of these ulcerate the cecum and anterior large intestine and provoke bloody diarrhea
 - stomach worm
 - nodular worm
 - lungworm
 - whipworm
- Damages liver, perirenal tissues, ureters, kidney.
 - Kidney worm
 - Lungworm
 - Stomach worm
 - Nodular worm
- Host response results in nodule formation, which decreases digestive efficiency, and outright illness occasionally results.
 - Threadworm
 - Large roundworm
 - Nodular worm
 - Stomach worm
- Irritates the fine air passages, ruptures tissues, causes bleeding and allows development of pneumonia.
 - Lungworm
 - Kidney worm
 - Whipworm
 - Stomach worm
- Irritates the lining of the stomach or tunnels beneath it and causes inflammation and ulceration. The end result can be diarrhea.
 - Nodular worm
 - Lungworm
 - Kidney worm
 - Stomach worm

White County 4-H
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Activity #2

Space Requirements for My Market Hog.

1. Which of the following is not a symptom of overcrowding
 - a. Laziness
 - b. Reduced gain
 - c. Tail biting
 - d. Cannibalism

2. You have a pen area that is 192 square feet. Using the following figures, how many of each pig could you hold in this pen?

Example:

If your pen is 500 square feet and you want to put 150 lb. to market hogs in it.
 $500 \text{ sq ft pen} / 8 \text{ sq ft per pig} = 62 \text{ pigs.}$

Pig size	Sq. ft. needed per pig	Total pigs in pen
Pigs up to 40 lbs	3	
40 to 100 lbs	4	
100 to 150 lbs	6	
150 lb to market	8	

3. T F The pig's age, weight, activity level, stage of production and body condition are factors affecting a pig's environmental needs.

4. T F Pig manure should be handled so that it is quickly converted to a very dry or very wet form in order to prevent fly eggs from hatching.

5. List the five factors that affect the amount of odor produced:
 - a. _____

 - b. _____

 - c. _____

 - d. _____

 - e. _____

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Activity #3

Showing Your 4-H Market Hog. Below are some common items you might find useful to have on show day. Find these items in the word search and make notes if you need to purchase any of them before the show.

Show Equipment

H S H O W Z Y M Z K E S O H X S E B R Y
L U N I A R G F H K W W Y D R W L P E Q
H V R T L G U K G B C M E E F W U F Y T
I Q S D O E R Y V M L E P U B T Z L A R
M H C E L S W H I P F A Z E U M F A R O
N J D V M E S Z B C P E N G O Y X G P E
P V Z A R O C W A T E R E R N N M M S Y
U L L U A B P G N D N A H F I Q G V C S
O L Y P E C N T X O J D X J V L I G W H
Z F Q G M I L N K H S B M D Z A L C Z T
F A P Y D W S I C Z F G S Q E Y E W W E
W Z H D C U U E P C O F Y H T X W I D U
C D E A B L G R U P K A N T Y Z A I M M
K B N K N V I A Y I E U X L W Y T D T Z
X E M A K E G H Z N A R T A S L E M Z H
F F I T S B R U S H V Y S E A K R H S M
O I F P A N S G U G T C H H V Z U I O N
I N Z S L D K U K A T B Z J R P T B Y C
P Y F T M T R X L V N I Y P Y D F S D B
D A Z M J J G D I V Y A Z F A I L R G Y

BEDDING

SOAP

CANE

SPRAYER

SMALL CLIPPERS

STIFF BRUSH

FEED PANS

WATER HOSE

GRAIN

WATERER

HEALTH PAPERS

WHIP

HURDLE