

Swine Educational Activities

Grade 12

Project Year _____

4-H'er Name _____ Club _____

Activity #1 – Reproduction

1. The glandular lining of the uterus is called _____. It nourishes the embryo and developing fetus.
2. FSH stands for _____ and is secreted from the anterior pituitary gland.
3. The principal female hormones are _____ and _____ and are produced in the ovaries.
4. The _____ contracts during farrowing to expel piglets and placentae.
5. The _____ carries sperm out of the body.
6. _____ is the principle hormone that stimulates sperm production and male behavior.
7. The three areas of particular concern when evaluating soundness of a gilt are _____, _____ and _____.
8. When evaluating a gilt for mammary soundness, she should have at least _____ well-spaced, functional teats to a side.
9. Each _____ usually contains one ovum (egg).
10. _____ stimulates milk letdown and contractions of the smooth muscles of the uterus.

Swine Educational Activities

Grade 12

Project Year _____

4-H'er Name _____ Club _____

Activity #2 –

- | | | |
|---|---|--|
| T | F | 1. Your new litter of pigs should be processed within 48 hours after birth. |
| T | F | 2. Piglets should be gathered together in a box or cart and kept in an area near the sow for processing. |
| T | F | 3. To help prevent infection, the navel can be treated with a tincture of iodine (USP-2% solution). |
| T | F | 4. Needle teeth are also known as wolf teeth. |
| T | F | 5. Tails should be docked with sterilized sidecutters about 1 inch from the place where the tail joins the body of the pig. |
| T | F | 6. Iron injections should be given to piglets in the ham. |
| T | F | 7. Cryptorchid means that the testicle(s) failed to descent through the inguinal canal from the abdomen during development. |
| T | F | 8. A good parasite control program begins with deworming the sow before farrowing and washing her, especially the udder, before bringing her into the farrowing house. |
| T | F | 9. To reduce stress of weaning, wean only pigs weighing over 12 pounds. |
| T | F | 10. A sow's milk production peaks at 6 weeks after farrowing. |

Swine Educational Activities

Grade 12

Project Year _____

4-H'er Name _____ Club _____

Activity #3 –

Write the letter of the term next to the correct definition.

- | | |
|---|------------------------|
| _____ 1. The narrow tube through which urine from the kidneys passes into the bladder. | a. Ration |
| _____ 2. The amount (weight or volume) of feed provided to a hog for a 24-hour period. | b. Progeny |
| _____ 3. High frequency sound waves used to observe internal anatomy without the need for surgery or invasive techniques. | c. Hurdle |
| _____ 4. An abbreviation for intramuscular injection, meaning injection into the muscle. | d. IM |
| _____ 5. The carcass weight divided by the live weight. | e. Dressing Percentage |
| _____ 6. A young pig that has been weaned and is ready to feed out. The popular weights are 40 to 60 pounds. | f. Ureter |
| _____ 7. The “first milk” secreted by the mammary gland shortly after birth. | g. Balanced Ration |
| _____ 8. The required amount of essential nutrients supplied to a hog during a 24 hour period. | h. Colostrum |
| _____ 9. Identifiable offspring of a sire or dam. | i. Feeder Pig |
| _____ 10. A panel or board used to guide and move swine. | j. Ultrasound |