

**4-H Members Name:** \_\_\_\_\_

## SWINE

## Level 1

**Explorer-**The explorer level is the most basic of all levels. The youth begins to explore the boundaries of the project area, touching on many skills and knowledge areas that will be expanded later.

**Date Initial**

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|-------|-------|--|
| _____ | _____ | 1. Principles in selecting and buying feeder pigs. Know market weights and the age an animal should be.  |
| _____ | _____ | 2. Learn and be able to describe desirable conformation in a market hog.   |
| _____ | _____ | 3. To feed, fit, and exhibit market pigs: <ul style="list-style-type: none"><li>- Different types of feeding (self-hand). Advantages and disadvantages of each.</li><li>- Types of feeds: starter, grower &amp; finisher, &amp; their appropriate use in feeding market animals.</li><li>- Use in feeding market animals.</li><li>- Know how many pounds a day an average hog should gain.</li><li>- How to train for show and showmanship techniques.</li></ul> |
| _____ | _____ | 4. Parts of the pig and terms swine producers use: <ul style="list-style-type: none"><li>- Barrow, gilt, boar, sow, farrow, castrate, needle teeth, wasty, weaner, ham, parturition, shote or shoat.</li></ul>   |
| _____ | _____ | 5. Housing and equipment needs. <ul style="list-style-type: none"><li>- The importance of worming and what wormer to use.</li><li>- How to care for your pigs when weather is hot or cold.</li></ul>   |
| _____ | _____ | 6. Efficient management practices. <ul style="list-style-type: none"><li>- The importance of worming and a good brand of wormer to use.</li><li>- Know good preventive measures in swine health care.</li><li>- How to control lice and mange mites.</li></ul>   |
| _____ | _____ | 7. Identify six breeds of swine and their characteristics.   |
| _____ | _____ | 8. Gestation period of a gilt or sow.  |
| _____ | _____ | 9. Approved farrowing practices.   |
| _____ | _____ | 10. How to maintain accurate project records.  |
| _____ | _____ | 11. How to fill out a fair entry form.   |
| _____ | _____ | 12. Feed and manage one or more pigs for exhibition and/or slaughter.  |
| _____ | _____ | 13. Balance a swine ration.  |
| _____ | _____ | 14. Visit a breeder's farm.  |
| _____ | _____ | 15. Exhibit project animal -participate in showmanship.  |

Project Leader's Signature of Completion: \_\_\_\_\_ Date: \_\_\_\_\_  
Key Leader's Signature of Completion: \_\_\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

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**SWINE**

**Level 2**

**The Producer level builds and expands on the knowledge and skills learned in level 1-Explorer.**

**Date Initial**

- \_\_\_\_ \_\_\_\_ 1. Principles in swine judging - Important points to consider when selecting breeding gilts, boars and market animals.
- \_\_\_\_ \_\_\_\_ 2. Know the difference of registered or grade animals, and the advantages of each.
- \_\_\_\_ \_\_\_\_ 3. Explain approved farrowing practices:
  - How to set up a farrowing pen.
  - How to tell when a gilt is in heat - describe the different signs.
  - Know the day of the heat cycle.
  - Know the age to breed a gilt and start using a boar.
- \_\_\_\_ \_\_\_\_ 4. How to remove needle teeth - why?
  - Know the reasons for giving iron shots.
  - Observe how to castrate.
  - Know how to read an ear notch.
- \_\_\_\_ \_\_\_\_ 5. Know the symptoms of these swine diseases and be aware of treatment/vaccination:
  - Erysipilas, Atrophic Rhinitis, Brucellosis, Pneumonia, Leptospirosis.
- \_\_\_\_ \_\_\_\_ 6. Learn about composition of feeds.
- \_\_\_\_ \_\_\_\_ 7. Know the different wholesale and retail cuts of pork. Expected percentage of yield of cuts and carcass.
- \_\_\_\_ \_\_\_\_ 8. Know the proper procedure for processing a hog.
- \_\_\_\_ \_\_\_\_ 9. Tour a purebred and/or commercial swine farm and learn how they feed, house and breed their animals.
- \_\_\_\_ \_\_\_\_ 10. Complete application for registration, transfer papers and breeding certificates for Swine Registry.
- \_\_\_\_ \_\_\_\_ 11. Give a demonstration on a related topic at Presentation Day.
- \_\_\_\_ \_\_\_\_ 12. Help another member in your project by being a Junior/ Teen Leader.
- \_\_\_\_ \_\_\_\_ 13. Properly administer oral medication.

Project Leader's Signature of Completion: \_\_\_\_\_ Date: \_\_\_\_\_  
Key Leader's Signature of Completion: \_\_\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

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**4-H Members Name:** \_\_\_\_\_

## SWINE

## Level 3

**The Consumer level takes the member beyond the immediate project, out into the community, as they explore the project area in depth.**

**Date Initial**

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|-------|-------|--|
| _____ | _____ | 1. How to select breeding stock of accepted type.  |
| _____ | _____ | 2. Know hereditary defects (select animals free from the following abnormalities or a family history of such traits). Cryptorchidism, ruptures, atresia anus, rectal prolapse, swirls, hermaphrodites, myoclonica congenita (shakes, infantile vulva). |
| _____ | _____ | 3. Know the meaning of inbreeding, line breeding, out crossing in a purebred operation.  |
| _____ | _____ | 4. Know the advantages of crossbreeding.   |
| _____ | _____ | 5. Learn the use of feed additives.  |
| _____ | _____ | 6. How to develop a health and vaccination program for your swine herd.  |
| _____ | _____ | 7. Principles of genetics.   |
| _____ | _____ | 8. Digestive system of the pig.  |
| _____ | _____ | 9. Market and outlook information and use in adjusting production and marketing.   |
| _____ | _____ | 10. Opportunities in feeder pig production.  |
| _____ | _____ | 11. Economics of feeder pig production.  |
| _____ | _____ | 12. Efficient procedures and methods of marketing. Marketing feeder pigs.  |
| _____ | _____ | 13. How to feed and manage the swine herd.   |
| _____ | _____ | 14. Using the Advanced Livestock form, learn the costs and income of your project, the goal is to make enough income to at least support your project.   |
| _____ | _____ | 15. Feed, manage and market hogs from a purebred and/or grade swineherd. Develop a breeding program.   |
| _____ | _____ | 16. Manage a breeding project in which you feed and care for a sow and litter.   |
| _____ | _____ | 17. Keep production records.   |
| _____ | _____ | 18. Participate in carcass evaluation programs.  |
| _____ | _____ | 19. Explore career opportunities in areas of livestock and meats.  |
| _____ | _____ | 20. Complete a Junior/Teen leader program in swine.  |
| _____ | _____ | 21. Give a presentation on swine to a group other than 4-H.  |
| _____ | _____ | 22. Properly administer subcutaneous and intramuscular injections.   |

Project Leader's Signature of Completion: \_\_\_\_\_ Date: \_\_\_\_\_

Key Leader's Signature of Completion: \_\_\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

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