

SWINE

Name: _____ Club: _____

Date	Leaders Initials
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Guideline for Project Proficiency Award

BEGINNING

LEARN

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| 1. Principles in selecting and buying feeder pigs. Know marker 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. | _____ | _____ |
| -Different types of feeding (self-hand). Advantages and disadvantages of each. | _____ | _____ |
| -Types of feeds: starter, grower, & finisher & their appropriate use in feeding market animals. | _____ | _____ |
| -Use in feeding market animals. | _____ | _____ |
| -Know how many pounds a day an average hog should gain. | _____ | _____ |
| -Know how to handle a pig. | _____ | _____ |
| -How to train for show and showmanship techniques. | _____ | _____ |
| 4. Parts of the pig and terms swine producers use:
Barrow, gilt, boar, sow, farrow, castrate, needle teeth, wasty, weaner, ham, parturition, shote or shoat. | _____ | _____ |
| 5. Housing and equipment needs. | _____ | _____ |
| -Importance of pen size, shelter & water facilities | _____ | _____ |
| -How to care for your pigs when weather is hot or cold. | _____ | _____ |
| 6. Efficient management practices. | _____ | _____ |
| -The importance of worming and a good brand of wormer to use. | _____ | _____ |
| -Know good preventive measures in swine health care. | _____ | _____ |
| -How to control lice and mange mites. | _____ | _____ |
| 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. | _____ | _____ |

ACTIVITIES

- | | | |
|---|-------|-------|
| 1. Plan the project. | _____ | _____ |
| 2. Feed and manage one or more pigs for exhibition and/or slaughter. | _____ | _____ |
| 3. Keep records on cost and labor involved in caring for animals. | _____ | _____ |
| 4. Visit a local grain elevator to study swine feeds. | _____ | _____ |
| 5. Visit a purebred breeder's farm. | _____ | _____ |
| 6. Exhibit project animal - participate in showmanship. | _____ | _____ |
| 7. Tour retail meat market to study pork cuts. | _____ | _____ |
| 8. Attend swine shows. | _____ | _____ |
| 9. Give a demonstration on some phase of swine production at the project or club level. | _____ | _____ |

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Guidelines for Project Proficiency Award

INTERMEDIATE

LEARN

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 different signs.
 - Know the day of a 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, Pheumonia, Leptospirosis.
6. Learn about composition of feeds.
7. Develop an understanding of markets and their operations.
8. Know the different wholesale and retail cuts of pork. Expected percentage of yield of cuts and carcass.
9. Approved farrowing practices.

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Activities

1. Keep project records, production and breeding records on your breeding animals.
2. Take part in livestock judging.
3. Tour a purebred and/or commercial swine farm and learn how they feed, house and breed their animals.
4. Tour an auction yard and observe their sales.
5. Attend swine shows and sales.
6. Complete application for registration, transfer papers and breeding certificates for Swine Registry.
7. Give a demonstration.
8. Give leadership in your project - help another member.

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Guidelines for Project Proficiency Award

ADVANCED

Learn

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, hermaphroditism, myoclonica congenita (shakes), infantile vulva. _____
3. Know the meaning of inbreeding, linebreeding, outcrossing 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. Value of accurate records. Be aware of cost and income. _____

Activities

1. Feed, manage and market hogs from a purebred and/or grade swine herd. Develop a breeding program. _____
2. Feed and manage a sow and litter. _____
3. Keep production records. _____
4. Participate in carcass evaluation programs. _____
5. Take part in livestock judging. _____
6. Explore career opportunities in areas of livestock and meats. _____
7. Complete a Junior/Teen leader program in swine. _____
8. Give a swine demonstration or train a member for each event. _____
9. Give a presentation on swine to a group other than 4-H. _____

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