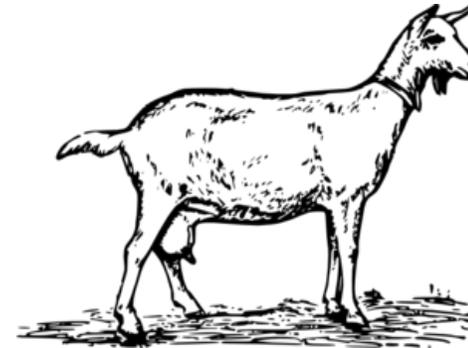
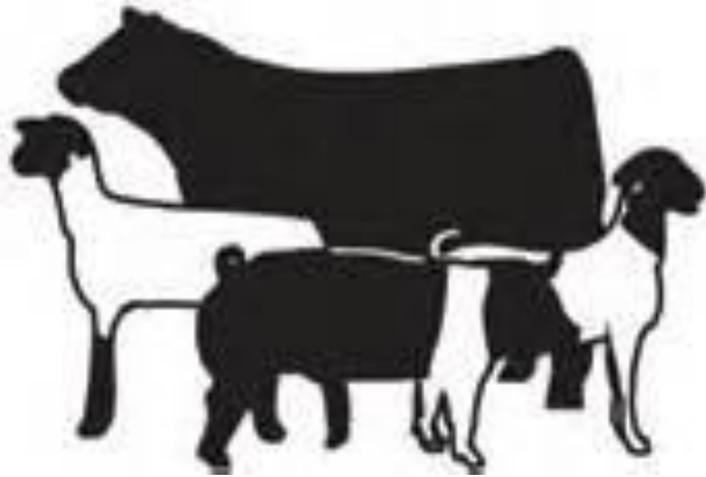


FRESNO COUNTY 4-H LIVESTOCK ACHIEVEMENT PROGRAM



Overview, Purpose, & Goals

WHAT: Fresno County 4-H Livestock Achievement Program: The program provides an **outline of what information should be covered in each year of a livestock project**. Members, leaders, and parents can go online to https://ucanr.edu/sites/4-H-Fresno/Projects/Livestock_Achievement/Livestock_Achievement_Resources/

to access study guides for each species of livestock (beef cattle, dairy goats, meat goats, sheep, and swine.) Study guides and other resources will also be available for purchase from the 4-H office. In April or May of each year, **members have the opportunity to show what they know in knowledge and skills related to their species of livestock**. They will be scored, and members will be awarded medals or ribbons based on their proficiency.

WHY: Fresno County 4-H wants to **encourage members to increase their knowledge and skill development** in their livestock projects and offer members an opportunity to **excel outside of the show ring**.

WHO: The Livestock Achievement Program is **open to all 4-H members who are enrolled in a beef cattle, dairy goat, meat goat, sheep, or swine project**. **Participation in the program is strongly encouraged** but is optional. If a project leader does not follow the program, members are still eligible to participate on their own. Per California State 4-H Rule, primary members are not eligible to participate.

HOW: All **members will begin with Level I**. Members are eligible to participate in the Livestock Achievement Program for each species of livestock for which they are enrolled in a project. **Members do not need to medal in order to move on to the next level** the following year, however, **members who do not medal, have the option to repeat the level the following year**.

Levels

There are five proficiency levels for each species:

- **Beef Cattle, Sheep, Swine, and Meat Goats**

Levels 1 and 2 focus on market animal production

Levels 3, 4, & 5 incorporate breeding animal production as well as more advanced skills and knowledge of the species.

- **Dairy Goats**

Levels 1 and 2 focus on basic care and handling of dairy goats.

Levels 3, 4, & 5 focus on more advanced skills and knowledge including milking and milk handling.

BEEF

	Written Test	Skills Test
Level 1	Identify at least 6 body parts Terminology- Match 10 terms to definitions List 3 breeds of beef cattle	Basic handling/management skills haltering, tying, loading in a blocking chute, feeding and watering questions, worming schedule, normal temp, etc. Basic showmanship skills setting up legs, presenting animal to judge, proper use of show stick Judge a class of beef cattle Identify 5 feed samples Identify 8 pieces of equipment
Level 2	Identify at least 12 body parts Identify 3 wholesale cuts Terminology- Match 20 terms to definitions Identify 3 breeds of beef cattle	Management- answer questions/demonstrate skills on basic management: simple vet care, feeding & fitting Showmanship- demo Level 1 skills & demo ability to move animal out of line and set-up, position themselves correctly to show front, side, and rear view of animal, and turn animal. Judge a class of beef cattle Identify 10 feed samples Identify 15 pieces of equipment
Level 3	Identify at least 18 body parts Identify 6 Wholesale cuts Terminology- Match 30 terms to definitions Identify desirable traits of 3 breeds of beef cattle Name four parts of the ruminant stomach	Management- answer questions/demonstrate skills on basic management: basic vet care and breeding/reproduction knowledge Showmanship- demo Level 1 & 2 skills & demo ability to move animal out of line, set up, position themselves correctly to show front, side, rear view of animal, turn animal, and move around show ring. Judge a class of beef cattle & give set of oral reasons (notes allowed) Feed ID: read feed label and identify feed as starter, finisher or maintenance. Identify 15 pieces of equipment
Level 4	Identify at least 20 body parts Wholesale/Retail cuts- match 5 retail cuts to their wholesale cuts Terminology- Match 30 terms to definitions List 3 desirable traits of a breeding bull or cow/heifer List the functions of each part of the ruminant stomach	Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge Showmanship- answer questions & demo skills related to fitting, fitting equipment, and showing Judge a class of beef cattle & give set of oral reasons (notes allowed) Feed/Nutrition: classify common feeds & feedstuffs by nutrient groups Equipment ID: match 20 pieces equipment to their use
Level 5	Identify at least 20 body parts Wholesale & Retail cuts-match 5 retail cuts to their wholesale cuts with suggested cooking method and why that method is preferred. Terminology- match 30 terms to definitions List Biosecurity practices for home, at fairs/shows visting other farms/auctions, bringing home new animal List functions of nutrients (proteins, carbs, fat, vitamins/minerals, H2O) Describe humane slaughtering method/process for beef cattle	Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge Judge a class of beef cattle & give set of oral reasons (notes allowed) Equipment ID: match 25 pieces equipment to their use Presentation: present a prepared presentation on one of the following topics: Management Practices, Marketing, Health/Biosecurity, Nutrition, Breeds/Breeding, Selection/Evaluation of beef cattle. See most recent version of California State 4-H Presentation Manual https://4h.ucanr.edu/files/2193.pdf Must follow format for Illustrated Talk, Educational Display, or Informative Prepared Speech; individual presentations only, no teams.



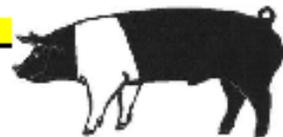
SHEEP

	Written Test	Skills Test
Level 1	Identify at least 6 body parts Terminology- Match 10 terms to definitions List 3 breeds of sheep	Basic handling/management skills haltering, leading, tying to a fence, feeding/watering questions, worming schedule, normal temp, etc. Basic showmanship skills (setting up legs, presenting lamb to a judge) Judge a class of sheep Identify 5 feed samples Identify 8 pieces of equipment
Level 2	Identify at least 12 body parts Identify 3 wholesale cuts Terminology- Match 20 terms to definitions Identify 3 breeds of sheep	Management- answer questions/demonstrate skills on basic management: simple vet care, feeding & fitting Showmanship- demo Level 1 skills & demo ability to move animal out of line, set up, position themselves correctly to show front, side, rear of lamb, and turn animal. Judge a class of sheep Identify 10 feed samples Identify 15 pieces of equipment
Level 3	Identify at least 18 body parts Identify 6 Wholesale cuts Terminology- Match 28 terms to definitions Identify desirable traits of 3 breeds of sheep List 3 wool breeds Name 4 parts of the ruminant stomach	Management- answer questions/demonstrate skills on basic management: basic vet care and breeding/reproduction knowledge Showmanship- demo Level 1 & 2 skills & demo ability to move animal out of line, set up, position themselves correctly to show front, side, rear of lamb, and turn animal. Judge a class of sheep & give set of oral reasons (notes allowed) Feed ID: read feed label and identify feed as starter, finisher or maintenance. Identify 15 pieces of equipment
Level 4	Identify at least 20 body parts Wholesale/Retail cuts- match 5 retail cuts to their wholesale cuts Terminology- Match 30 terms to definitions List 3 desirable traits of a breeding sheep List the function of each part of the ruminant stomach	Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge Showmanship- answer questions & demo skills related to fitting, fitting equipment, and showing Judge a class of sheep & give set of oral reasons (notes allowed) Feed/Nutrition: classify common feeds & feedstuffs by nutrient groups Equipment ID: match 20 pieces equipment to their use
Level 5	Identify at least 20 body parts Wholesale & Retail cuts-match 5 retail cuts to their wholesale cuts with suggested cooking method and why that method is preferred. Terminology- match 30 terms to definitions List Biosecurity practices for home, at fairs/shows visiting other farms/auctions, bringing home new animal List functions of nutrients (proteins, carbs, fat, vitamins/minerals, H2O) Describe humane slaughtering method/process for lambs	Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge Judge a class of sheep & give set of oral reasons (notes allowed) Equipment ID: match 25 pieces equipment to their use Presentation: present a prepared presentation on one of the following topics: Management Practices, Marketing, Health/Biosecurity, Nutrition, Breeds/Breeding, Selection/Evaluation of sheep. See most recent version of California State 4-H Presentation Manual: https://4h.ucanr.edu/files/2193.pdf Must follow format for an Illustrated Talk, Educational Display, or Informative Prepared Speech; individual presentations only, no teams.



SWINE

	Written Test	Skills Test
Level 1	<p>Identify at least 6 body parts</p> <p>Terminology- Match 10 terms to definitions</p> <p>List 3 breeds of hogs</p>	<p>Basic handling/management skills moving, feeding/watering questions, worming schedule, normal temp, etc.</p> <p>Basic showmanship skills moving hog in show ring, presenting hog to a judge, proper use of show whip/stick</p> <p>Judge a class of hogs</p> <p>Identify 5 feed samples</p> <p>Identify 8 pieces of equipment</p>
Level 2	<p>Identify at least 12 body parts</p> <p>Identify 3 wholesale cuts</p> <p>Terminology- Match 20 terms to definitions</p> <p>Identify 3 breeds of hogs</p>	<p>Management- answer questions/demonstrate skills on basic management: simple vet care, feeding & fitting</p> <p>Showmanship- demo Level 1 skills & demo ability to move animal in and out of pen, position themselves correctly, move hog to show front, side, and rear view, and turn animal.</p> <p>Judge a class of hogs</p> <p>Identify 10 feed samples</p> <p>Identify 15 pieces of equipment</p>
Level 3	<p>Identify at least 18 body parts</p> <p>Identify 6 Wholesale cuts</p> <p>Terminology- Match 30 terms to definitions</p> <p>Identify desirable traits of 3 breeds of hogs.</p> <p>Read ear notches</p>	<p>Management- answer questions/demonstrate skills on basic management: basic vet care and breeding/reproduction knowledge</p> <p>Showmanship- demo Level 1 & 2 skills & demo ability to move animal in/out of holding, pen, position themselves correctly to show front, side, rear of hog, and turn animal.</p> <p>Judge a class of hogs & give set of oral reasons (notes allowed)</p> <p>Feed ID: read feed label and identify feed as starter, finisher or maintenance.</p> <p>Identify 15 pieces of equipment</p>
Level 4	<p>Identify at least 20 body parts</p> <p>Wholesale/Retail cuts- match 5 retail cuts to their wholesale cuts</p> <p>Terminology- Match 30 terms to definitions</p> <p>List 3 desirable traits of a breeding hogs.</p> <p>Read ear notches</p>	<p>Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge</p> <p>Showmanship- answer questions & demo skills related to fitting, fitting equipment, and showing</p> <p>Judge a class of hogs & give set of oral reasons (notes allowed)</p> <p>Feed/Nutrition: classify common feeds & feedstuffs by nutrient groups</p> <p>Equipment ID: match 20 pieces equipment to their use</p>
Level 5	<p>Identify at least 20 body parts</p> <p>Wholesale & Retail cuts-match 5 retail cuts to their wholesale cuts with suggested cooking method and why that method is preferred.</p> <p>Terminology- match 30 terms to definitions</p> <p>List Biosecurity practices for home, at fairs/shows visiting other farms/auctions, bringing home new animal</p> <p>List functions of nutrients (proteins, carbs, fat, vitamins/minerals, H2O)</p> <p>Describe humane slaughtering method/process for hogs</p>	<p>Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge</p> <p>Judge a class of hogs & give set of oral reasons (notes allowed)</p> <p>Equipment ID: match 25 pieces equipment to their use</p> <p>Presentation: present a prepared presentation on one of the following topics: Management Practices, Marketing, Health/Biosecurity, Nutrition, Breeds/Breeding, Selection/Evaluation of hogs.</p> <p>See most recent version of California State 4-H Presentation Manual https://4h.ucanr.edu/files/2193.pdf</p> <p>Must follow format for an Illustrated Talk, Educational Display, or Informative Prepared Speech; individual presentations only, no teams.</p>

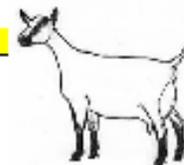


MEAT GOATS

	Written Test	Skills Test
Level 1	<p>Identify at least 6 body parts</p> <p>Terminology- Match 10 terms to definitions</p> <p>List 3 breeds of meat goats</p>	<p>Basic handling/management skills</p> <p>haltering, leading, tying to a fence, feeding/watering questions, worming schedule, normal temp, etc.</p> <p>Basic showmanship skills (setting up legs, presenting animal to a judge)</p> <p>Judge a class of meat goats</p> <p>Identify 5 feed samples</p> <p>Identify 8 pieces of equipment</p>
Level 2	<p>Identify at least 12 body parts</p> <p>Identify 3 Wholesale cuts</p> <p>Terminology- Match 20 terms to definitions</p> <p>Identify 3 breeds of meat goats</p>	<p>Management- answer questions/demonstrate skills on basic management: simple vet care, feeding & fitting</p> <p>Showmanship- demo Level 1 skills & demo ability to move animal out of line, set up, position themselves correctly to show front, side, rear, and turn animal.</p> <p>Judge a class of meat goats</p> <p>Identify 10 feed samples</p> <p>Identify 15 pieces of equipment</p>
Level 3	<p>Identify at least 18 body parts</p> <p>Identify 6 Wholesale cuts</p> <p>Terminology- Match 30 terms to definitions</p> <p>Identify desirable traits of 3 breeds of meat goats</p> <p>Name 4 parts of the ruminant stomach</p>	<p>Management- answer questions/demonstrate skills on basic management: basic vet care and breeding/reproduction knowledge</p> <p>Showmanship- demo Level 1 & 2 skills & demo ability to move animal out of line, set up, position themselves correctly to show front, side, rear, and turn animal.</p> <p>Judge a class of meat goats & give set of oral reasons (notes allowed)</p> <p>Feed ID: read feed label and identify feed as starter, finisher or maintenance.</p> <p>Identify 15 pieces of equipment</p>
Level 4	<p>Identify at least 20 body parts</p> <p>Wholesale & Retail cuts- match 5 retail cuts to the wholesale cuts</p> <p>Terminology- Match 30 terms to definitions</p> <p>List 3 disqualifications for breeding meat goats</p> <p>List function of each part of the ruminant stomach</p>	<p>Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge</p> <p>Showmanship- answer questions & demo skills related to fitting, fitting equipment, and showing</p> <p>Judge a class of meat goats & give set of oral reasons (notes allowed)</p> <p>Feed/Nutrition: classify common feeds & feedstuffs by nutrient groups</p> <p>Equipment ID: match 20 pieces equipment to their use</p>
Level 5	<p>Identify at least 20 body parts</p> <p>Wholesale & Retail cuts-match 5 retail cuts to their wholesale cuts with suggested cooking method and why that method is preferred.</p> <p>Terminology- match 30 terms to definitions</p> <p>List Biosecurity practices for home, at fairs/shows</p> <p>visiting other farms/auctions, bringing home new animal</p> <p>List functions of nutrients (proteins, carbs, fat, vitamins/minerals, H2O)</p> <p>Describe humane slaughtering method/process for meat goats</p>	<p>Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge</p> <p>Judge a class of meat goats & give set of oral reasons (notes allowed)</p> <p>Equipment ID: match 25 pieces equipment to their use</p> <p>Presentation: present a prepared presentation on one of the following topics: Management Practices, Marketing, Health/Biosecurity, Nutrition, Breeds/Breeding, Selection/Evaluation of meat goats.</p> <p>See most recent version of California State 4-H Presentation Manual: https://4h.ucanr.edu/files/2193.pdf</p> <p>Must follow format for an Illustrated Talk, Educational Display, or Informative Prepared Speech; individual presentations only, no teams.</p>



DAIRY GOATS



	Written Test	Skills Test
Level 1	<p>Identify at least 6 body parts</p> <p>Terminology- Match 10 terms to definitions</p> <p>List 3 breeds of dairy goats</p>	<p>Basic handling/management skills- haltering, leading, tying to a fence, feeding/watering questions, worming schedule, normal temp, etc.</p> <p>Judge a class of dairy goats</p> <p>Basic showmanship skills (setting up legs, presenting animal to a judge)</p> <p>Identify 5 feed samples</p> <p>Identify 8 pieces of equipment</p>
Level 2	<p>Identify at least 12 body parts</p> <p>Parts of the udder- identify 3 parts</p> <p>Terminology- Match 20 terms to definitions</p> <p>Identify 3 breeds of dairy goats</p>	<p>Management- answer questions/demonstrate skills on basic management: simple vet care, feeding & fitting</p> <p>Showmanship- demo Level 1 skills & demo ability to move animal out of line, set up, position themselves correctly to show front, side, rear, and turn animal.</p> <p>Judge a class of dairy goats</p> <p>Identify 10 feed samples</p> <p>Identify 15 pieces of equipment</p>
Level 3	<p>Identify at least 18 body parts</p> <p>Parts of the udder- identify 6 parts</p> <p>Terminology- Match 30 terms to definitions</p> <p>Identify desirable traits of 3 breeds of dairy goats</p> <p>Name 4 parts of the ruminant stomach</p>	<p>Management- answer questions/demonstrate skills on basic management: basic vet care and breeding/reproduction knowledge</p> <p>Showmanship- demo Level 1 & 2 skills & demo ability to move animal out of line, set up, position themselves correctly to show front, side, rear, and turn animal and maneuver within a showmanship class.</p> <p>Judge a class of dairy goats & give set of oral reasons (notes allowed)</p> <p>Feed ID: read feed label and identify stage of goat's life it is designed for.</p> <p>Identify 15 pieces of equipment</p>
Level 4	<p>Identify at least 20 body parts</p> <p>Milk handling steps</p> <p>Terminology- Match 30 terms to definitions</p> <p>List a disqualification for 3 different dairy goat breeds</p> <p>List function of each part of the ruminant stomach</p>	<p>Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge</p> <p>Showmanship- answer questions & demo skills related to fitting, fitting equipment, and showing</p> <p>Judge a class of dairy goats & give set of oral reasons (notes allowed)</p> <p>Feed/Nutrition: classify common feeds & feedstuffs by nutrient groups</p> <p>Equipment ID: match 20 pieces of equipment to their use</p>
Level 5	<p>Identify at least 20 body parts</p> <p>Identify steps of milk handling process</p> <p>Terminology- match 30 terms to definitions</p> <p>List Biosecurity practices for home, at fairs/shows visiting other farms/auctions, bringing home new animal</p> <p>List functions of nutrients (proteins, carbs, fat, vitamins/minerals, H2O)</p> <p>Describe the milking & milk handling processes of dairy goats</p>	<p>Management- answer questions/demonstrate regarding vaccinations, medications, and breeding/reproduction knowledge</p> <p>Judge a class of dairy goats & give set of oral reasons (notes allowed)</p> <p>Equipment ID: match 25 pieces of equipment to their use</p> <p>Presentation: present a prepared presentation on one of the following topics: Management Practices, Marketing, Health/Biosecurity, Nutrition, Breeds/Breeding, Selection/Evaluation, Milk of Dairy Goats.</p> <p>See most recent version of California State 4-H Presentation Manual: https://4h.ucanr.edu/files/2193.pdf</p> <p>Must follow format for an Illustrated Talk, Educational Display, or Informative Prepared Speech; individual presentations only, no teams.</p>

Medal/Ribbon Criteria

All members will begin at Level 1 for the Livestock Achievement Program.

Members can move up to a new level, as long as they tested in the previous level in both written and skills, regardless of how they scored; however, if a member does not receive a gold medal, they can repeat that level for one more year. Each member will test on one level per species but can work on multiple species in a given year. **The written test score will be combined with the skill test score to determine the member's proficiency score:**

90% or above = gold medal; 80-89% = blue; 70-79% = red; 69% or lower = white.

Resources

Study guides and this Power Point will serve as a resource and curriculum guide for leaders and provide members with information and a reference for the testing. Study guides to be used will be those **developed by Fresno County 4-H Livestock Achievement committee members** and/or those **purchased from Ohio Cooperative Extension**. Study guides made by committee members will be **available on-line or at the county office**. Study Guides will be updated as needed. The Ohio Cooperative Extension books will be available for purchase through the 4-H Office. It is highly recommended that clubs purchase at least one copy of the Ohio Cooperative Extension book, as it serves as the “official” reference for the program. There are **Ohio Cooperative Extension books available for beef, sheep, swine, meat and dairy goats**.

Visit the Fresno County 4-H website for other helpful resources: https://ucanr.edu/sites/4-H-Fresno/Projects/Livestock_Achievement/