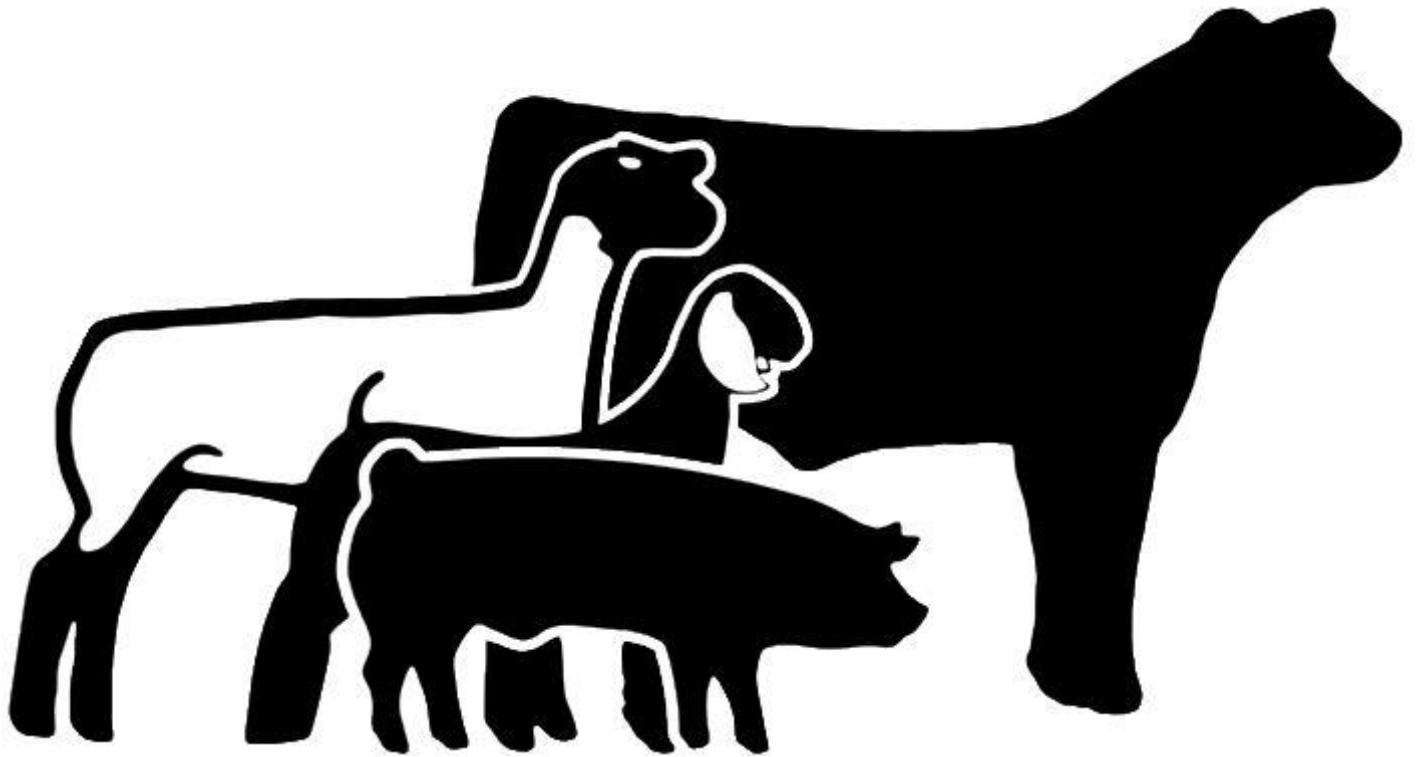


# Utah 4-H Junior Livestock Market Animal Program



## Rank Advancements

This book belongs to: \_\_\_\_\_

## Rank Advancements

These ranks are designed as benchmarks for youth participants during their 4-H experience. Each experience will be unique. Due to the progressive intensity of tasks; advancement rate is affected by age, personal development and prior achievement. Youth should be challenged at an appropriately achievable level. The rank advancements are designed to build off each other. Similar skills and requirements are found at each level. In order for a skill to be passed off, it can NOT have been used in a different level. Rather, youth should be encouraged to pass off the same/similar skill in a different environment or to a different audience to truly get the most out of these rank advancements. Youth with multiple livestock projects may choose to complete a separate rank advancement book for each species.

**A leader of a chartered 4-H club, an elected livestock board volunteer, or 4-H staff may sign off on these ranks. Youth leaders that have passed off rank 4 may pass off ranks 1 – 3 for other youth.**

## Incorporating the Rank Advancements

The rank advancements are designed to build off each other and should be completed in order.

Youth are encouraged to pass off no more than one rank per year and should not get discouraged if it takes several years to finish a rank. **Senior aged 4-H youth may pass off multiple ranks per year.**

Similar skills and requirements are found at each level, however in order for a skill to be passed off, it can NOT have been used in a different level. Rather, youth should be encouraged to pass off the same/similar skill in a different environment or to a different audience to truly get the most out of these rank advancements.

Youth with multiple livestock projects may choose to complete a separate rank advancement book for each species. The same experiences should not be used for multiple rank advancement records.

A volunteer leader of a chartered 4-H club, an elected livestock volunteer, or 4-H staff may sign off on all five ranks. Contact your county office for more information on becoming a 4-H leader and for available resources to help you on this journey!

Senior aged youth that have completed rank 4 may sign off on ranks 1 -3 for other 4-H members

## Awards and Recognition

Youth will earn a pin for each rank they pass off in a given year at the county level.

Only senior aged youth can complete rank 5 and will be recognized at the USU Horse and Livestock Symposium the year following completion of the rank.

Youth with multiple livestock projects that complete separate rank advancements should be recognized for each independent advancement.

*A Note to Club Leaders:*

*As you bear the responsibility of passing off rank advancement requirements, we encourage you to be diligent in your efforts to make sure that the information that is taught to and presented from the youth is current and accurate. Please see below a list of acceptable resources for use with the rank advancement requirements found within this advancement record book. If you need additional information or assistance, please contact your county extension office.*

- *Any educational resources found on the Utah 4-H Website*
- *Goat Resource Handbook – Ohio State University*
- *Beef Resource Handbook – Ohio State University*
- *Sheep Resource Handbook for Market and Breeding Projects – Ohio State University*
- *Swine Resource Handbook for Market and Breeding Projects – Ohio State University*
- *Utah 4-H Discover 4-H Clubs Curriculum – Sheep Clubs*
- *Utah 4-H Discover 4-H Clubs Curriculum – Swine Clubs*
- *Utah 4-H Discover 4-H Clubs Curriculum – Goat Clubs*
- *Utah 4-H Discover 4-H Clubs Curriculum – Beef Clubs*

## Rank Advancement Level 1

This rank covers the very basics of raising and handling market animals. This rank should be easily achieved by all ages, 8 - 18.

Name \_\_\_\_\_ Species \_\_\_\_\_

Club Leader \_\_\_\_\_ Phone \_\_\_\_\_

County Agent \_\_\_\_\_ Phone \_\_\_\_\_

Date Completed \_\_\_\_\_

<b>Market Animal Project Skills – Complete all 5 Skills</b>	Date	Initials
Provide adequate shelter from weather and a suitable fence for your animals. Remove nails, loose boards, wire, machinery, and sharp corners that might injure your animals.		
Provide fresh, clean water and trace-mineralized, iodized salt for your animals at all times.		
Demonstrate proper grooming of your market animal		
Establish an exercise program for your animal		
Demonstrate basic showmanship skills for your animal such as; leading or driving your animal in a ring, setting up your animal for show, turning your animal.		
<b>Mastery and Education – Pick 4 or more of the following</b>	Date	Initials
Identify, describe, and tell the important characteristics of five breeds of meat animals (beef, sheep, goats and/or swine).		
Name, point out, and spell the following parts: A. Sheep—loin, leg, back, shoulder, neck, dock, belly, muzzle, poll, rear flank, brisket, fore flank, pastern hoof, knee; and/or B. Beef—muzzle, face, poll, neck, shoulder, crops, back, loin, rump, hip, round, hock, knee, brisket, ribs, flank, belly; and/or C. Hog—snout, jowl, back, loin, ham, shoulder, chest, side, hock, pastern, dew claw, hoof, teat, heart girth; and/or D. Goat - muzzle, neck, withers, loin, topline, rump, tail head, stifle, hock, belly, rear flank, fore flank, pastern, hoof, chest.		
Review “Common Showmanship Questions” on p 32 (31 for Swine) in Discover 4-H Club Handbook.		
Complete a Project Size and Scope page or another financial record for your project animal.		
Choose a topic and give a talk or demonstration in your club. Examples: My Breed of Sheep; How to Trim a Hoof; How to Select a Feeder; The Importance of Good Pasture; Treatment for Parasites.		
<b>Citizenship and Personal Development - Pick 1 or more of the following</b>	Date	Initials
Submit a portfolio to county or state contest		
Hold a leadership position in your club or at the county level		
Participate or help plan a community service project		
Work with a parent or club leader to set goals for your meat animal project and make a plan to achieve them		

**By signing this form, I am verifying that the exhibitor mentioned has completed these tasks in a satisfactory manner and is ready to move on to the next level.**

4-H Member \_\_\_\_\_ Club Leader/4-H Staff Signature \_\_\_\_\_



## Rank Advancement Level 2

This rank covers the basic skills and knowledge needed to be safe and successful while participating in an animal project.

Name \_\_\_\_\_ Species \_\_\_\_\_

Club Leader \_\_\_\_\_ Phone \_\_\_\_\_

County Agent \_\_\_\_\_ Phone \_\_\_\_\_

Date Completed \_\_\_\_\_

<b>Market Animal Project Skills</b>	Date	Initials
Fit an animal for show.		
Establish a preventative health program for your animal: record all vaccinations that have been given to your animal by you or your producer, set a de-worming schedule, trim hooves regularly (applicable species), be sure to use proper withdrawal periods on medication labels, work with a veterinarian when necessary.		
<b>Pick 3 or more of the following</b>		
Prepare a Fair Checklist – Include all feed, equipment & supplies needed for show.		
Complete a feed and growth record for your project animal.		
Participate at a county 4-H livestock show earning a red or blue ribbon in Showmanship.		
Participate at a county 4-H livestock show earning a red or blue ribbon in Market Class.		
<b>Mastery and Education - Pick 4 or more of the following</b>	Date	Initials
Create a poster on a meat animal project related topic and present to your club.		
Participate at a county or state 4-H Livestock Bowl Contest		
Learn the wholesale carcass cuts applicable to your project.		
Name the market grades and preferred market weights of beef, sheep, goats and/or swine.		
Attend State Horse & Livestock Symposium – participate in workshops or training		
Name 6 different undesirable structural characteristics in a market animal and describe why they are not desirable in market animals		
Name 3 common diseases in your project animals and treatment for each		
Participate at a county or state 4-H Livestock Judging Contest		
Work with your club leader or county staff to come up with your own Mastery option.		
<b>Citizenship and Personal Development</b>		
<b>Pick 2 or more of the following</b>	Date	Initials
Submit a portfolio to county or state contest		
Hold a leadership position in your club or at the county level		
Participate or help plan a community service project		
Work with a parent or club leader to set goals for your project and make a plan to achieve them		

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4-H Member \_\_\_\_\_ Club Leader/4-H Staff Signature \_\_\_\_\_



## Rank Advancement Level 3

This rank is for members that have completed a large animal livestock project for at least 2 years.

Name \_\_\_\_\_ Species \_\_\_\_\_

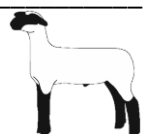
Club Leader \_\_\_\_\_ Phone \_\_\_\_\_

County Agent \_\_\_\_\_ Phone \_\_\_\_\_ Date Completed \_\_\_\_\_

<b>Market Animal Project Skills – Pick 4 or more of the following</b>	Date	Initials
Compete at a Utah State Junior Livestock Association sponsored show.		
Learn to carry out three of the following management practices: vaccinate, trim hooves, build a hay rack, ear tag, castrate, treat for grubs, treat for stomach worms.		
Demonstrate the proper way to clip or shear your project animal		
Evaluate and place a class of 4 market animals. Present your oral reasons for your placings in front of your club.		
Lead a club practice show. Play the part of the judge. Evaluate animals, ask members questions and give showmanship directions.		
Work with your club leader or county staff to come up with your own skill goal.		
<b>Mastery &amp; Education – Pick 5 or more of the following</b>	Date	Initials
The requirements for Level 3 Mastery need to be completed within 2 years of the time the youth wishes to achieve this rank. A limit of 3 options can be the same (but completed again) from previous years.		
Attend State Horse & Livestock Symposium – participate in workshops or training		
Tell the functions of proteins, carbohydrates, fats, water, vitamins, and minerals in a ration for livestock.		
Describe and tell the important characteristics of five breeds each of cattle, sheep, goats and swine.		
Draw the digestive system of your project animal. Label each organ with its name and function. Share your drawing with your club.		
Participate in a county, regional, or state 4-H Livestock Bowl Contest		
Participate in a county, regional, or state 4-H Livestock Judging Contest		
Participate in County or State 4-H contests giving a public speech or demonstration on a Livestock topic (discuss age appropriate options with leader).		
Name and locate 30 different anatomical parts on your project animal		
Work with your club leader or county staff to come up with your own Mastery option		
<b>Citizenship and Personal Development – Pick 3 or more of the following</b>	Date	Initials
Submit a portfolio to county or state contest achieving a blue ribbon score		
Hold a club or county leadership position		
Participate in a county wide community service project		
Organize a community service project for your club		
Help organize a discovery night for livestock members in your county		
Work with a parent or club leader to set goals for your project and make a plan to achieve them		

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4-H Member \_\_\_\_\_ Club Leader/4-H Staff Signature \_\_\_\_\_



## Rank Advancement Level 4

This rank is for 4-H youth that have been showing and raising livestock for several years and have developed excellent skills and knowledge about their project. Level 4 is a good goal for senior aged exhibitors to strive for. The requirements for this level do not need to be completed within the same year (unless they are repeats from previous years), but have to be completed within at least 3 years of the time the youth is seeking to obtain this level. Level 3 must be completed to achieve a Level 4 Rank.

Name \_\_\_\_\_ Species \_\_\_\_\_

Club Leader \_\_\_\_\_ Phone \_\_\_\_\_

County Agent \_\_\_\_\_ Phone \_\_\_\_\_

Date Completed \_\_\_\_\_

<b>Market Animal Project Skills</b>	Date	Initials
Pick 10 or more of the following. Repeated skills from Level 3 MUST be re-done in the current year		
Demonstrate how to safely load and unload animals in a trailer		
Compete in a Utah Junior Livestock Show as a 4-H exhibitor		
Compete in the Utah 4-H State Livestock Judging Contest		
Raise your own show animal from breeding stock that you have owned for at least a year.		
Create an educational display to be displayed during your county show or fair		
Research and complete a Quality Assurance Program for your project animal Species		
Participate in the Utah 4-H Judging Series		
Make a complete inventory of your equipment and supplies that you use for your project animal. Calculate the current value of each item, consider depreciation.		
Attend a regional, state or multi-state Junior Livestock Judging Clinic or Camp		
Ask your leader to interview you about your market animal project.		
Display equipment used in your animal project area. Describe each tool and its use.		
Identify one skill that you want to develop in relationship to your project animal area. Talk with your leader and make a plan to develop that skill. Report back when completed.		
Compete in the Senior aged division, placing in the top 10 out of 30 or more exhibitors at a county or state level junior livestock market show as a 4-H exhibitor.		
Compete in the Senior aged division, placing in the top 10 out of 30 or more exhibitors at a county or state level junior livestock showmanship show.		
Exhibit a different species of animal than you have in your past years of participation.		
<b>Mastery and Education</b>	Date	Initials
Pick 10 or more of the following. The requirements for Level 4 Mastery do not need to be completed within the same year, but have to be within at least 3 years of the time the youth is seeking to obtain this level.		
Write a news story or article about your 4-H livestock project or your club to be published in the local newspaper or a newsletter.		
Explain the following and explain the need for them: Bill of Sale, Brand Inspection, Livestock Transportation Slip		
Describe how livestock is bought and sold in your community. Common ways are: auction yard, terminal market, county or local buyers, local meat markets, private treaty. Describe weight shrink and how to calculate percent shrink. What causes weight shrink when animals are bought and sold?		
Compete in Utah 4-H State Livestock Bowl Contest		
Compete in Utah 4-H State Livestock Judging Contest		

Create a lesson plan and teach your club on one of the following animal topics: health, showmanship, nutrition, fitting, or another topic approved by your leader.		
Visit a packing plant. Learn about most desirable characteristics of a market animal from a packer's perspective. Report to your club what you learned.		
Draw a picture of both the male and female reproductive systems of your project animal. Label each organ with its name and function.		
Teach your club about zoonotic diseases and ways to prevent the spread of such disease		
Show a feed tag and explain what each ingredient is and how it benefits the animal		
Make a collection of forage plants, weeds, and poisonous plants. (Include at least three forage plants for hay, three pasture plants, three weeds, and one or more poisonous plants.)		
Volunteer, shadow, or intern for a livestock purebred or commercial producer for 20 hours or more. Share what you learned with your club.		
Volunteer, shadow, or intern for a large animal veterinarian for 20 hours or more. Share what you learned with your club.		
Volunteer, shadow, or intern another professional not listed above that works in the livestock industry for 20 hours or more. Share what you learned with your club.		
Attend the State Horse & Livestock Symposium – participate in workshops or training		
Work with your club leader or county staff to come up with your own Mastery option.		
<b>Citizenship and Personal Development</b>	Date	Initials
Pick 4 or more of the following. The requirements for Level 4 Citizenship do not need to be completed within the same year, but have to be within at least 3 years of the time the youth is seeking to obtain this level.		
Submit a portfolio to the state contest achieving a blue ribbon score		
Hold a county or state leadership position		
Organize a county wide community service project		
Serve as a Teen Leader or Project Leader in your 4-H Club		
Help organize a discovery night at the county level		
Recruit at least one new member into your livestock club, mentor them through their first project year.		
Contribute to your club, county, or state program by taking photos, posting to social media accounts, or other forms of publicity		
Visit clubs in your county or surrounding counties and teach a workshop on leadership		
Work with a parent or club leader to set goals for your livestock project and make a plan to achieve them		

**By signing this form, I am verifying that the exhibitor mentioned has completed these tasks in a satisfactory manner and is ready to move on to the next level.**

4-H Member \_\_\_\_\_ Club Leader/4-H Staff Signature \_\_\_\_\_





## Rank Advancement Level 5

This rank is for senior aged 4-H youth that have truly excelled in their animal project. Youth that complete Level 5 are prepared to move from the 4-H program into the world of adulthood. These individuals have developed skills pertinent to various careers within the livestock industry and are prepared to give back to the community. Level 5 is the highest level and is the hardest to obtain.

The requirements for this level do not need to be completed within in the same year (unless they are repeats from previous years), but have to be within at least 3 years of the time the youth is seeking to obtain this level.

Level 4 must be completed to achieve a Level 5 Rank

Name \_\_\_\_\_ Species \_\_\_\_\_

Club Leader \_\_\_\_\_ Phone \_\_\_\_\_

County Agent \_\_\_\_\_ Phone \_\_\_\_\_

Date Completed \_\_\_\_\_

Market Animal Project Skills	Date	Initials
Pick 10 or more of the following. Repeated skills from Level 4 MUST be re-done in the current year. If this is achieved in Level 4, it must be accomplished a second time, to be counted for Level 5.		
Earn a blue ribbon at a State Livestock Show with 5 or more exhibitors, in Showmanship		
Earn a blue ribbon at a State Livestock Show with 5 or more exhibitors, in Market Class		
Compete at the Utah State 4-H Livestock Judging Contest		
Raise your own show animal from breeding stock that you have owned for at least a year.		
Create an educational display to be displayed during your county show or fair		
Research and complete a Quality Assurance Program for your project animal Species		
Participate in the Utah 4-H Judging Series		
Study, prepare a paper, and give a report or presentation on one of the following topics: 1. General management of one type of livestock. 2. Livestock feeds, feeding, and nutrition. 3. Reproduction, breeding, and genetics. 4. Sanitation, and prevention and control of a disease. 5. Using records as a basis for improving livestock. 6. Some phase of animal husbandry.		
Compete in the Senior aged division, placing in the top 10 out of 30 or more exhibitors at a county or state level market show.		
Compete in the Senior aged division, placing in the top 10 out of 30 or more exhibitors at a county or state level showmanship show.		
Exhibit a different species of animal than you have in your past years of participation.		
Complete an Agri-Science project with your project animal. Share your findings at a club, county or state event.		
Demonstrate that you can read a medication label. Describe administration methods, dosage and courses of treatment for the medication.		
Develop a study resource for Livestock Bowl (i.e. flash cards, power point presentation, game, etc.)		
Provide a 4-H promotional display at an event (i.e. family fun night, parade float, fair booth, etc.)		

Mastery and Education	Date	Initials
Pick 10 or more of the following. The requirements for Level 5 Mastery do not need to be completed within the same year, but have to be within at least 3 years of the time the youth is seeking to obtain this level.		
Write a news story or article to be published in the local newspaper or newsletter.		
Create and write a blog with a minimum of 15 posts related to animal husbandry and livestock ownership, livestock careers, or other livestock related topics.		
Help organize a county livestock contest such as livestock bowl or livestock judging		
Run a summer project club related to the livestock project areas (minimum of 6 hours)		
Create a lesson plan and teach your club one of the following animal topics: health, showmanship, nutrition, fitting, or another topic approved by your leader.		
Help plan a countywide or regional livestock clinic and teach at least one class on fitting, showmanship, feeding or another approved topic.		
Attend the State Horse & Livestock Symposium – participate in workshops or training		
Participate at in the state Livestock Bowl Contest winning a blue ribbon OR winning first or second as a team		
Participate at State 4-H contests giving a public speech or demonstration on a livestock related topic (discuss age appropriate options with leader)		
Volunteer or work at a large animal hospital/veterinarian clinic for 40 or more hours (20 additional hours from level 4)		
Volunteer, shadow, or intern for a livestock producer for 40 or more hours (20 additional hours from level 4)		
Volunteer, shadow, or intern another professional not listed above that works in the livestock industry for 40 hours or more. (20 additional hours from level 4)		
Complete an Ag. Science Pathway program in your high school.		
Complete a breeding project demonstrating an understanding or responsible and ethical livestock breeding. Breeding projects include sire selection, breeding, birthing, and weaning		
Work with your club leader or county staff to come up with your own Mastery option.		
Citizenship and Personal Development	Date	Initials
Pick 5 or more of the following. The requirements for Level 5 Citizenship do not need to be completed within the same year, but have to be within at least 3 years of the time the youth is seeking to obtain this level.		
Submit a portfolio to the state contest achieving a blue ribbon score		
Hold a county or state leadership position		
Help organize a state wide community service project		
Recruit and enroll one or more new members to your 4-H club.		
Volunteer and assist in putting on a county, regional, or state livestock show.		
Contribute to your club, county, or state program by taking photos, posting to social media accounts, or other forms of publicity		
Organize and lead a livestock project club as the main volunteer leader focusing on youth leadership and service		

**By signing this form, I am verifying that the exhibitor mentioned has completed these tasks in a satisfactory manner and is ready to move on to the next level.**

4-H Member \_\_\_\_\_ Club Leader/4-H Staff Signature \_\_\_\_\_

