# Livestock Skillathon Contest

I. Eligibility
  A. Read General Rules
  B. Two 3 or 4 member teams per county in each age group or maximum of eight (8) participants in each age group

II. Goal

The 4-H Livestock Skillathon contest will provide opportunities for youth enrolled in 4-H to gain and develop production livestock skills, and life skills, by engaging them in a pleasant, yet competitive environment which focuses on the range of their knowledge and comprehension of animal science and livestock management practices.

III. Procedures
**NOVICE**
  A. *Livestock Equipment Identification*: (100 possible points) Identify from the photographs or actual equipment, the proper name for twenty five pieces of equipment used in livestock production.
  B. *Livestock Breed Identification*: (100 possible points) Identify from the photographs or pictures, twenty livestock (beef, swine, sheep, and goat) breeds.
  C. *Feedstuff Identification*: (50 possible points) Identify ten feedstuffs by the proper name.
  D. *Meat Identification*: (50 possible points) Identify ten cuts of meat by specie and name of retail cut
  E. *Meat Judging Class*: (50 possible points) *Rank* a class of four similar retail cuts of meat.
  F. *Feed Tag Knowledge Exercise:* (50 possible points) Demonstrate ability to read and interpret information on a feed tag and answer questions regarding management decisions.


(Possible individual points for **NOVICE**: 450)

**JUNIOR**
  A. *Livestock Equipment Identification*: (100 possible points) Identify the proper name for twenty five pieces of equipment used in livestock production
  B. *Livestock Breed Identification*: (100 possible points) Identify from the photographs or pictures, twenty livestock (beef, swine, sheep, and goat) breeds with country of origin.
  C. *Feedstuff Identification*: (50 possible points) Identify ten feedstuffs by the proper name and correct nutrient group.
  D. *Meat Identification*: (50 possible points) Identify ten cuts of meat by specie and name of retail cut
  E. *Meat Judging Class*: (50 possible points) *Rank* a class of four similar retail cuts of meat.
  F. *Quality Assurance Exercise***:** (50 possible points) Demonstrate how to read a medicine label, calculate withdrawal times, complete a treatment record, and make responsible management decisions regarding quality assurance.
  G. *Feed Tag Knowledge Exercise:* (50 possible points) Demonstrate ability to read and interpret information on a feed tag and answer questions regarding management decisions.

(Possible individual points for **JUNIOR**: 500)

Refer to the State 4-H Webpage for additional information on the contest and score card examples.

Teams consist of three or four members. In teams in which there are four members, all will compete; but the member receiving the lowest overall score will be automatically declared the alternate. The scores of the alternate will not be included in any of the team totals, but will be considered in making all individual awards. Teams consisting of three members will have no alternate, and all members' scores will count in determining individual and team awards.

*April 2013*

**Word Bank for Livestock Skillathon Contest**
**\*\*Items for the contest will come from these lists.\*\***

**Breed I.D. – identify 20 for the contest**

**Cattle –(13 breeds)**

1. Hereford
2. Chianina
3. Angus
4. Charolais
5. Limousin
6. Maine-Anjou
7. Simmental

8. Shorthorn
9. Brahman
10. Santa Gertrudis
11. Brangus
12. Gelbvieh
13. Polled Hereford

**Sheep-(11 breeds)**

1. Suffolk
2. Hampshire
3. Southdown
4. Rambouillet
5. Cheviot
6. Finnsheep

7. Columbia
8. Merino
9. Dorset
10. Dorper
11. Romney

**Swine-(10 breeds)**

1. Berkshire
2. Chester White
3. Duroc
4. Hampshire
5. Hereford

6. Landrace
7. Pietrain
8. Poland China
9. Spotted Poland China
10. Yorkshire

**Goats-(6 breeds)**

1. Boer
2. Kiko
3. Angora

4. Pygmy
5. Nubian
6. Lamancha

**Feed I.D. – identify 10 for the contest**

1. Fish Meal
2. Cracked Corn
3. Whole Kernel Corn
4. Rolled Corn
5. Whole Grain Oats
6. Whole Grain Wheat
7. Whole Grain Milo
8. Alfalfa Pellets

9. Dried Sugar Beet Pulp
10. Dried Distiller's Grain
11. Hay Cube
12. Blood Meal
13. Whole Cottonseed
14. Soybean Meal
15. Trace Mineral

**Equipment I.D. – Identify 25 for the contest**

1. Ear Notcher
2. Beef Halter
3. Curry Comb
4. Disposable Syringe
5. Ear Tag Pliers
6. Drench Gun
7. Scalpel
8. Scotch Comb
9. Nipple Waterer
10. Balling Gun
11. Antiseptic Applicator
12. Rumen Magnet
13. Implant Gun
14. Sheep Shears
15. Shearer's Screwdriver
16. Hog Snare
17. Wool Card
18. Electric Fence Tester
19. Branding Iron
20. Swine Breeding Spirette
21. Dehorner
22. Hoof Knife
23. Paintstick
24. Needle Teeth Clippers
25. Cattle Clippers
26. OB Chains w/Handle
27. Beef Cattle Frame Stick
28. Emasculator
29. Transfer Needle
30. Elastrator
31. Test Tube
32. Pig OB Forceps
33. Pistol Grip Syringe
34. Heat Detection Patch
35. Cattle Straw A.I. Gun
36. Ram Marking Harness
37. Nose Lead
38. Knife Steel
39. Lamb Tube Feeder
40. Calf Puller