

# **Richland County Overall Species Champion**

The objectives of this program are to identify and reward market livestock that demonstrate the ability to grow, gain and produce an appealing product for customers. Final placing of the livestock will be based on live evaluation by the judge at the Richland County Fair, average daily gain from beginning and ending weights either collected by the Extension Office or submitted on Hog weigh in form and carcass data from the National Centralized Ultrasound Processing (CUP) Lab & Technology Center, Ames IA.

## **Program Eligibility Requirements**

1. All animals must have a beginning weight. Collected either at weigh in or submitted on the hog weigh in form.
2. Enter and show the animals at the Richland County Fair.
3. Animals must be ultra-sounded at the Richland County Fair.

## **Awards**

Awards will be decided upon each year by the Market Livestock Committee.

## **Definition of the Criteria**

1. **Live Animal Evaluation Index** – The individual livestock will be assigned to a numerical index based on the judge's placing during the live animal evaluation conducted during the 4-H Show at the county fair. The numerical index will be assigned as follows and will be weighted by a factor of 30% (0.30).

- Overall Grand Champion = 120
- Overall Reserve Champion = 110
- Top of Class Recipients = 100
- All Blue Ribbon Recipients= 90
- All Red Ribbon Recipients=80

2. **Average Daily Gain Index** – The individual average daily gain (ADG) from the initial weigh-in to the final weight at entry into the county fair. The index is calculated by dividing the individual ADG of each animal (per species) by the average of all animals completing the competition and multiplied by 100. This index will be weighted by a factor of 30% (0.30).

3. **Carcass Value Index** –These criteria will be determined by conducting ultrasound measurements of all animals at entry to the county fair and carcass values generated by the CUP Lab. Each species has a different measurement determined by the CUP Lab that helps determine carcass value. The measurements that follow will be used to find the carcass value index. The index is calculated by dividing the individual measurement of each animal (per species) by the average of all animals completing the competition and multiplied by 100. This index will be weighted by a factor of 30% (0.30).

- Beef- Carcass Value Price
- Hogs- Fat Free % Lean
- Sheep- Final Value
- Goats- % Semiboneless Closely Trimmed Primals (% SBCTP)

Live Animal Evaluation Index x 0.30 = Weighted Live Index

Average Daily Gain Index x 0.30 = Weighted ADG Index

Carcass Value Index x 0.30 = Weighted Carcass Value Index

**Steer of Merit Index = Sum of the Three Weighted**