Training Adults to Teach Youth
Animal and Products Evaluation

Livestock Evaluation
University of Florida
Department of Animal Science
Contest components and Scoring
Contests

• Florida State 4-H and FFA Livestock Judging Contest
• National 4-H Livestock Judging Contests
  – North American International Livestock Expositions (NAILE) – Louisville, KY
  – Western National Roundup Contest – Denver, CO
• National FFA Livestock Judging Contest
  – National FFA Convention – Indianapolis, IN
Florida State Contest

• 12 Classes
  – 3 Hog Placing Classes (Market/Breeding)
  – 1 Keep/Cull Gilt Class
  – 4 Cattle Placing Classes (Market/Breeding)
  – 2 Market Cattle Evaluations (Feeders & Feds)
  – 1 Keep/Cull Heifer Class
  – 1 Market Lamb Placing Class
  – 2 Reasons/2 Questions
National FFA Contest

• 6 Classes of breeding/market cattle, hogs, and sheep (50 pts each/300 total)
  – 1 breeding class with production data – will use for reasons!

• 4 sets of oral reasons (50 pts each/200 total)

• 1 class of 5 slaughter cattle for grading (50 pts)
National FFA Contest

• Written Exam
  – 1 hour
  – 50 multiple choice questions (100 pts)
  – General industry knowledge

• Team activity
  – Cattle, hogs, and sheep keep/cull classes (150 pts)
<table>
<thead>
<tr>
<th>Possible Points</th>
<th>Individual</th>
<th>Team</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Selection Classes</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Beef</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Placings [2]</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>Oral Reasons [1]</td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td><strong>Sheep</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Placings [2]</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>Oral Reasons [1]</td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td><strong>Swine</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Placings [2]</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>Oral Reasons [1]</td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td><strong>Beef Slaughter Classes</strong></td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td><strong>Production Data Class</strong></td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td><strong>Production Data Oral Reasons</strong></td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td><strong>Written Test</strong></td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td><strong>Team Activity (Keep/Cull)</strong></td>
<td></td>
<td>150</td>
</tr>
<tr>
<td><strong>Total Team Score</strong></td>
<td>700</td>
<td>2250</td>
</tr>
</tbody>
</table>

**Top 3 individual scores plus team activity
National FFA Contest

• Wear official FFA dress!
• More info:
Western National Roundup 4-H Contest

- 10 Breeding/Market Classes
  - 4 cattle, 3 hogs, 3 sheep
  - Production data given on some
- 6 sets of oral reasons
  - 1 market, 1 breeding for each species
Western National Roundup 4-H Contest

• Interesting aspects
  – Most cattle classes are haltered and from National Western Show
  – Steer classes are feedlot steers
  – 1 wool breed sheep class

More info:
http://www.westernnationalroundup.org/events.asp?event=livestock
NAILE National 4-H Contest

• 11 Breeding/Market Classes
  – 4 Cattle, 3 Hogs, 3 Sheep, 1 Goat
  – At least 1 breeding class from each species will have production data

• 4 sets of oral reasons
  – Cattle, hogs, and sheep
  – At least one cattle class w/ data

• 2 sets of questions (sheep and hogs)
NAILE National 4-H Contest

• Interesting Aspects
  – All beef classes haltered and most from show
  – Goats!
  – Handle market lambs
  – 12 min for judging, 15 min for reasons

More Info:
http://www.livestockexpo.org/premiumbook.aspx
4-H Contests

• Correct dress
  – Guys – Khaki’s, shirt and tie, blazer, boots or leather shoes
  – Girls – Khaki’s, button down shirt, blazer, boots or leather shoes
  – No pins, buttons, signs, etc. to tell where you are from!
Note Taking for Questions &/or Oral Reasons
Importance of Notes

• Concise!!
• DO NOT WRITE IN FULL SENTENCES
• Find format and style that works for you
• Efficiency
• Words, phrases, or descriptions that can give simple visual recollection of animal(s)
• DO NOT MEMORIZE NOTES!!
### Note Taking for Reasons

<table>
<thead>
<tr>
<th>General Comments about individual animals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 Comparison</td>
</tr>
<tr>
<td>2/1 Grant</td>
</tr>
<tr>
<td>2 Criticism</td>
</tr>
<tr>
<td>2/3 Comparison</td>
</tr>
<tr>
<td>3/2 Grant</td>
</tr>
<tr>
<td>3 Criticism</td>
</tr>
<tr>
<td>3/4 Comparison</td>
</tr>
<tr>
<td>4/3 Grant</td>
</tr>
<tr>
<td>4 Criticism</td>
</tr>
</tbody>
</table>
## Market Steers

1-Red Baldy- Well Muscled, Extended, True Moving, A Little Underfinished

2-Char Cross- Heavy Muscled, Correctly Finished, Straight Shouldered, Coarse Fronted

3-Black Baldy- Extended, Straight Lined, Correctly Finished, Light Muscled

4-Black- Heavy Muscled, Correctly Finished, Well Balanced, Little Round Hipped

<table>
<thead>
<tr>
<th>Comparison</th>
<th>Grant</th>
<th>Criticism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comparison</td>
<td>Grant</td>
<td>Criticism</td>
</tr>
<tr>
<td>Comparison</td>
<td>Grant</td>
<td>Criticism</td>
</tr>
</tbody>
</table>
# Market Steers

1-Red Baldy- Well Muscled, Extended, True Moving, A Little Underfinished

2-Char Cross- Heaviest Muscled, Correctly Finished, Straight Shouldered, Coarse Fronted, Light Boned

3-Black Baldy- Extended, Straight Lined, Correctly Finished, Light Muscled

4-Black- Stout, Heavy Muscled, Correctly Finished, Well Balanced, Little Round Hipped

<table>
<thead>
<tr>
<th>4/2</th>
<th>2/4</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stouter&lt;br&gt;B. Balance</td>
<td>H. Muscled</td>
<td>Coarse, Straight Shouldered</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2/1</th>
<th>1/2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>H. Muscled&lt;br&gt;M. Correctly Finished</td>
<td>Better Structured</td>
<td>Thin finished&lt;br&gt;Flattens in quarter</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/3</th>
<th>3/1</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stouter&lt;br&gt;H. Muscled</td>
<td>M. Correctly Finished</td>
<td>Lightest Muscled</td>
</tr>
</tbody>
</table>
Oral Reasons

• Brief (1-2 minutes, no more) justification of your class placing

• When scored, the judges priorities are:
  – Accuracy
  – Organization - logical flow
  – Presentation/Delivery
Reason’s Necessities

• Knowledge of livestock
  – Species anatomy
  – Terminology use
  – Relating livestock to industry ideals
• Comprehensive, accurate notes
• Confidence
Note Taking → Reasons

• Concise notes = memorizing quickly
• Comprehensive notes = accuracy of sets
• Note organization = organization of thoughts
• Good notes = Confidence

CONFIDENCE = SUCCESS!
Note Taking for Questions

• Concise and efficient
• Record placing of class
• Take down full physical description of animal
  – Unique ID’s (ear notch, color patterns, etc.)
  – What it does the best or worst in class
  – Special note to structure, condition, and conformation (i.e. – condition, feminity)
  – Compare within placing pairs
• DO NOT WRITE NOTES ON PLACING CARD!
Note Taking for Questions

York Gilts

1 - Highest performing, biggest ribbed, levelest and most attractive. Ear notch 10

2 - Heaviest muscled, plain designed, coarsest underline, ear notch 17

3 - Smallest framed, heaviest condition, plain design, weak pastern, ear notch 17

4 - Lightest muscled, flattest ribbed, steepest hipped, ear notch 14
Evaluation of Economically Important Traits
Judging vs. Industry

- Why do we evaluate certain traits?
  - All relates to industry!!!!
  - Place emphasis and prioritize evaluation due to economic impact
  - Differs between species
  - Differs between sexes
  - ALL HAVE PRACTICAL APPLICATION
SWINE EVALUATION
Muscle Shape

LOIN OR TOP SHAPE

HAM

WIDTH OF BASE
MUSCLE SHAPE
MUSCLE SHAPE
LEANNESS
Volume

RIB SHAPE

DEPTH OF BODY

WIDTH OF CHEST
SOUNDNESS

LEVEL DESIGN
SOUNDNESS
CATTLE EVALUATION
MUSCLE SHAPE

QUARTER

LOIN (TOP)

WIDTH OF BASE
FINISH

TAILHEAD

TOP SHAPE

LOWER RIB

FLANK

BRISKET

COD (steers)

UDDER (heifers)
GROWTH/ MATURITY

LENGTH

FRAME SCORE

WEIGHT PER DAY OF AGE
STRUCTURAL CORRECTNESS & BALANCE

LEVEL DESIGN
STRUCTURAL CORRECTNESS & BALANCE
SHEEP EVALUATION
MUSCLE SHAPE

RACK, LOIN (TOP)

LEG

WIDTH OF BASE
MUSCLE SHAPE
MUSCLE SHAPE
GROWTH/ MATURITY

LENGTH

FRAME

WEIGHT PER DAY OF AGE
Structural Correctness & Balance

LEVEL DESIGN
STRUCTURAL CORRECTNESS & BALANCE