2016 NBQA
Market Cow and Bull
Live Animal Data

Plant Name: ____________________________
Location: ______________________________
Date: ___________ Shift: ______________
Recording Institution: ____________________
Recorder: _______________________________
Live Animal Data Sheet – Protocol
Please use blue pen to complete the data sheet.

Sample size: 1/3 of all animals processed in one full production day i.e. every third animal moved to the stun box.

- Record the lot number at the top of the page. A new lot should be started on a new page.
- Body condition scores vary between animal type (beef vs. dairy); please only circle that which is applicable.
- Refer to the standard visual aids for muscle scores, body condition scores, and cancer eye scores.
- It is important that a sampled animal that does not show any of the listed defects is recorded as No Defect.

DEFINITIONS

Rectal Prolapse
Protrusion of the rectum through the anus.

Vaginal Prolapse
Protrusion of the vagina to the exterior of the body cavity.

Retained Placenta
A discolored, malodorous membrane hanging from the vulva.

Latent Hide Damage
Any visible blemish that could devalue the hide.

Abscess
A collection of pus in confined tissue spaces.

Lumpy Jaw
A localized abscess that most frequently involves the mandible, the maxillae, or other bony tissues in the head.

Foot Abnormality
Any deformity of the lower limb or hoof.

Bottle Teats
The development of raised smooth or rough rings at the teat ends.

Full Bag
Udder filled with milk.

Failed Suspensory Ligament
Insufficient attachment of the udder to the body cavity so as the ventral portion of the udder lies below the hock and the teats splay outward.

Mastitis
Inflammation of the mammary gland.

Source:
^Merck Veterinary Manual
^Dr. Rick Rasby, A Guide to Udder and Teat Scoring Beef Cows, University of Nebraska – Lincoln
DIAGRAMS & SCALES

Source: Elanco Animal Health
Beef Condition Score

Muscle score


Cancer Eye Scoring

*A distinction will need to be made between a blind cow (“blue eye”) and a cow with cancer eye. “Blue eyed” cattle will be recorded as an “Other” defect.

Cancer Eye Scoring Standards

Grade 1
Small benign tumor producing finger like growth
Precancerous

Grade 3
Growth on the third eyelid or a tumor that is vascular in nature
Cancerous

Grade 2
Small white elevated plaque on the eyeball
Precancerous

Grade 4
Tumors that have metastasized to the bony structure around the eye or exhibit lymphatic involvement of the parotid gland
Cancerous

Grade 2
Small white elevated plaque on the eyeball
Precancerous

Grade 4
Tumors that have metastasized to the bony structure around the eye or exhibit lymphatic involvement of the parotid gland
Cancerous

Grade 2
Papilloma on the eyeball
Precancerous

Grade 5
Cattle in which the eyeball has prolapsed from the orbit and/or exhibits a necrotic condition
Cancerous
2016 National Beef Quality Audit – Market Cow and Bull
Live Data Sheet
Date: 12/14/15  Shift: A  Recorder: McKensie Harris
Lot #: 12

Sample size: 1/3 of all animals in one production day i.e. every third animal moving to the stun box.

<table>
<thead>
<tr>
<th>Beef Cow</th>
<th>Dairy Cow</th>
<th>Beef Bull</th>
<th>Dairy Bull</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Muscle Score</strong></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td><strong>Dairy Condition Score</strong></td>
<td>1.0</td>
<td>1.5</td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Beef Condition Score</strong></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td><strong>Cancer Eye Score</strong></td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td><strong>Prolapse</strong></td>
<td>Rectal</td>
<td>Vaginal</td>
<td>Hide Damage</td>
</tr>
<tr>
<td><strong>Abscess</strong></td>
<td>Facial</td>
<td>Knee/hock</td>
<td>Hooks/Pins</td>
</tr>
<tr>
<td>Bottle Teats</td>
<td>Broken Penis</td>
<td>Calf in Pen</td>
<td>Failed Suspensory ligament</td>
</tr>
<tr>
<td>Mastitis</td>
<td>Multiple Udder Problems</td>
<td>Retained Placenta</td>
<td>Swollen Joints</td>
</tr>
</tbody>
</table>

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Entered by:  
Date:  
Checked by:  
Date:  
Revised 11/12/15
Please write a short description of how data was collected at this station. This will help us when interpreting and entering data.
2016 National Beef Quality Audit – Market Cow and Bull

**Live Data Sheet**

- **Date**: ________________  **Shift**: ________  **Recorder**: ___________________________
- **Lot #**: __________________________

**Sample size**: 1/3 of all animals in one production day i.e. every third animal moving to the stun box.

### Muscle Score
- **Beef Cow**: 1, 2, 3, 4, 5
- **Dairy Cow**: 1, 2, 3, 4, 5
- **Beef Bull**: 1, 2, 3, 4, 5
- **Dairy Bull**: 1, 2, 3, 4, 5

### Dairy Condition Score
- **Beef Cow**: 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0
- **Dairy Cow**: 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0
- **Beef Bull**: 1, 2, 3, 4, 5, 6, 7, 8, 9
- **Dairy Bull**: 1, 2, 3, 4, 5

### Beef Condition Score
- **Cancer Eye Score**: 0, 1, 2, 3, 4, 5

### Prolapse
- **Rectal**, **Vaginal**, **Hide Damage**, **Insect**, **Latent**

### Abscess
- **Facial**, **Knee/hock**, **Hooks/Pins**
- **Bottle Teats**, **Broken Penis**, **Calf in Pen**, **Failed Suspensory ligament**, **Foot Abnormality**, **Full Bag**, **Lumpy Jaw**
- **Mastitis**: **Multiple Udder Problems**, **Retained Placenta**, **Swollen Joints**, **Warts**, **No Defect**

### Other:
- **Bottle Teats**, **Broken Penis**, **Calf in Pen**, **Failed Suspensory ligament**, **Foot Abnormality**, **Full Bag**, **Lumpy Jaw**
- **Mastitis**: **Multiple Udder Problems**, **Retained Placenta**, **Swollen Joints**, **Warts**, **No Defect**

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Entered by: ______________________ Date: ________________ Checked by: ______________________ Date: ________________ Revised 11/12/15