Animal Disease Traceability (ADT)

April 6, 2016
Animal Disease Traceability (ADT)

• February, 2010
  – USDA announced a new approach to animal disease traceability
  – Basic foundation to build from

• January 2013
  – Published traceability rule

• March 2014
  – Initiated enforcement actions
    • Repeat offenders
General Requirements: Livestock moved interstate must, unless otherwise exempt:

Be officially identified

Have ICVI or other documentation
What was one of the more significant regulatory changes through ADT rule?

9 CFR § 71.18
(i) May be moved in interstate commerce from any point to any destination, if such cattle, when moved in interstate commerce, are identified by a Department-approved backtag

...Backtags not official ID
What are some of the significant administrative improvements?

- Increased volume of records in searchable data systems
- Increased volume of records in searchable data systems
- Increased volume of records in searchable data systems
Retrieval of Data – Pre ADT

1 Year of Import & Export ICVI Files

Retrieval of ICVI
Retrieval of Data – ADT

Information Technology Solutions
Key to Successful Traceability
Timely retrieval of complete and accurate information
ADT – Performance Based

- ADT is a “performance based” program
- Focus: time to retrieve trace records/information
- Document progress
- Identify gaps
Traceability Performance Measures

• Established by the 2010 State/Federal Traceability Regulatory WG that provided input to the traceability regulation

• Primarily focused on administration of official identification and ICVI records

• The activities measure the lapsed time it takes to answer four specific questions defined by the Traceability Performance Measures
Traceability Performance Measures

• 1st Comparison to National Baselines
  – 2014 Cooperative agreement trace exercises
  – Report compiled September 2015

Animal Disease Traceability (ADT) is a performance-based program focusing on improved traceability. This approach will ensure we document tracing capability progress. Traceability performance measures were developed by the State/Federal Regulatory Working Group (WG) in 2010 that provided input to the content of the traceability regulation. These measures align with activities or actions that are typically associated with the administration of traceback investigations. The WG designated these specific activities for measuring performance as they can be uniformly measured regardless of the complexity of the trace. The activities measured lapsed time it takes to answer four specific questions:

1. In what State was an imported animal officially identified?
2. Where in the State was the animal officially identified?
3. From what State was an animal shipped?
4. From what location was an exported animal shipped?

The duration, or lapsed time, is measured when completing an exercise. The start time is when the State is notified of the official identification number, and the end time is when the State finds the information to answer the question posed by the Activity. Additional explanation for the administration of the trace performance measures used for the 1st year comparison is contained in the document, “Guidelines for Administering Test Exercises”, December 17, 2014.

National Baseline Values

The first objective was to establish baseline values for the United States that reflect the average lapsed time to complete each Activity prior to the implementation of ADT. Trace test exercises were conducted through cooperative agreement periods of FY 2012 and FY 2013. The number of records received was more limited than projected and there were apparent variations in the interpretations of the Activity measures. As a result, supplemental exercises were conducted for Activities 2, 3, and 4 as part of the FY 2013 cooperative agreement period to ensure adequate numbers of records were received and analyzed in establishing national baseline values. The resulting national baseline values are summarized in Table 1.

Table 1. Traceability Performance Measures – National Baseline

<table>
<thead>
<tr>
<th>#</th>
<th>Performance Activity Description</th>
<th>National Baseline</th>
<th>% Successful</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>In what State was an imported animal officially identified?</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Where in the State was the animal officially identified?</td>
<td>69%</td>
<td>88 hr</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>From what State was an animal shipped?</td>
<td>38%</td>
<td>138 hr</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>From what location was an exported animal shipped?</td>
<td>70%</td>
<td>264 hr</td>
<td></td>
</tr>
</tbody>
</table>

*Activity 1 is only applicable for SID identification numbers as the State abbreviation is the prefix for the NUEI tags which answers the question posed by Activity 1. Evaluation of Activity 1 will be scaled as the use of SID tags becomes more significant.
Traceability Performance Measures

1. In what State was an imported animal officially identified?
2. Where in the State was the animal officially identified?
3. From what State was an animal shipped?
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<th>1st Comparison</th>
<th>Baseline and 1st Comparison Average</th>
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<tr>
<td></td>
<td>% Successful</td>
<td>Time</td>
<td>% Successful</td>
</tr>
<tr>
<td>1</td>
<td>NA</td>
<td>NA</td>
<td>87%</td>
</tr>
<tr>
<td>2</td>
<td>69%</td>
<td>88 hr.</td>
<td>88%</td>
</tr>
<tr>
<td>3</td>
<td>58%</td>
<td>138 hr.</td>
<td>84%</td>
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Traceability Performance Measures

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<thead>
<tr>
<th>Date</th>
<th>Activity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 31, 2016</td>
<td>Complete trace exercises and entries into the trace recording template</td>
<td>* Ideally, selection of official ID #’s by VS to meet “quotas” would be achieved by March 11</td>
</tr>
<tr>
<td>April 1 – May 15, 2016</td>
<td>ADODR (or their designee) receives and reviews trace recording template to ensure quotas are achieved with valid/useable records</td>
<td></td>
</tr>
<tr>
<td>May 23, 2016</td>
<td>ADODR (or their designee) submits locally approved trace recording template to ADT staff.</td>
<td></td>
</tr>
</tbody>
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* Since trace exercises are to be completed by March 31, 2016 staff is asking that the trace reporting templates be submitted earlier than the standard cooperative agreement reports (narratives, budget, etc.)
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Monitoring and Compliance

• Phased in enforcement March 2014
  - Repeat offenders
• ADT Monitoring and Compliance
  - Provides general guidelines for uniform enforcement practices
  - Key reference for VS resources
  - Transparency
Monitoring and Compliance

• Focus on the priorities, in particular administration of:
  – Official ID records
  – ICVIs

• Initiate formal actions when appropriate
  – Consultation
  – Letters of information/ document violations
  – Prepare/report cases to initiate IES investigation
### Enforcement Actions April 2015 – Dec 2015

<table>
<thead>
<tr>
<th>Sector</th>
<th>Consultation</th>
<th>Letters of Info. (or Equiv.)</th>
<th>Cases Initiated with IES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9 CFR Part 86</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Producer</td>
<td>454</td>
<td>603</td>
<td>16</td>
</tr>
<tr>
<td>Dealer</td>
<td>36</td>
<td>96</td>
<td>13</td>
</tr>
<tr>
<td>Market</td>
<td>222</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Accredited Vet</td>
<td>361</td>
<td>948</td>
<td>24</td>
</tr>
<tr>
<td>Slaughter Plant</td>
<td>113</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Other Sectors</td>
<td>88</td>
<td>50</td>
<td>1</td>
</tr>
<tr>
<td><strong>Trace Regs Outside Part 86</strong></td>
<td>3</td>
<td>192</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Part 86</strong></td>
<td>1274</td>
<td>1699</td>
<td>60</td>
</tr>
</tbody>
</table>
OFFICIAL EARTAGS
Official Identification Methods

- Defined by species
- States/Tribes must accept all methods of official ID
- Receiving State can’t require specific method of ID
- Shipping/receiving States/Tribes may accept other ID methods if both agree
Official ID Numbers / Eartags

• Animal Identification Number (AIN) Tags
  - 15 characters with 840 as the first 3 digits
    Example: 840 003 123 456 789
  - USA and Mfr. code (900 series) prefixes also official through a transition period
    • Manufactured before March 11, 2014 and applied before March 11, 2015
    • Tags that meet this criteria are official for the life of the animal

Note: AIN tags with the 840 may contain a radio frequency (electronic) transponder
Official Eartags

Brucellosis and Brite Tags Distributed Annually

Millions

2009 2010 2011 2012 2013 2014 2015 Projected

Brucellosis "Brite" Tags
Official Eartags

AIN Tags Distributed Annually

<table>
<thead>
<tr>
<th>Year</th>
<th>Tags Distributed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>1,000,000</td>
</tr>
<tr>
<td>2011</td>
<td>1,500,000</td>
</tr>
<tr>
<td>2012</td>
<td>2,000,000</td>
</tr>
<tr>
<td>2013</td>
<td>2,500,000</td>
</tr>
<tr>
<td>2014</td>
<td>5,000,000</td>
</tr>
<tr>
<td>2015</td>
<td>6,340,433</td>
</tr>
</tbody>
</table>

United States Department of Agriculture
Since the rule went into effect in March 2013, the focus of the animal disease traceability (ADT) program has been on:

- Educating stakeholders about the rule’s requirements;
- Identifying animals—particularly cattle—using official ID;
  - Proper administration of tag distribution/tag applied records
- Collecting animal movement information
  - Proper administration of ICVIs
- Increase volume of records in searchable data systems;
  and
- Continue to improve rule compliance.
ADT – Priorities

Other activities:
• Support advancement of ID technology
  – UHF demonstration projects.
Thank You!