Livestock Traceability in Canada
April 10, 2018

ANNE BRUNET-BURGESS
GENERAL MANAGER, CCIA
Today’s objectives

- Explain roles in traceability
- Canadian livestock traceability regulations
- Snap shot of how it works
- Approved indicators
- Other activities within our scope
Roles in traceability

**Government:**
The Canadian Food Inspection Agency (CFIA) creates and enforces the National Livestock Identification regulations under the Health of Animals Act.

**Industry:**
Industry administers the program.
There are 3 responsible administrators in Canada: Agri-Traçabilité Quebec (ATQ), PigTrace and the Canadian Cattle Identification Agency (CCIA).
Who is the Canadian Cattle Identification Agency (CCIA)?

Responsible Administrator:
A not-for-profit, industry-initiated and led organization incorporated to establish a national livestock identification program and traceability initiatives to support efficient trace back and containment of serious animal health and food safety concerns.

Canadian Livestock Tracking System (CLTS):
The CLTS database allows producers to record tag information pertaining to the three pillars of traceability (i.e., animal identification, premises identification and movement), as well as value-added information (e.g., age verification).
CCIA: responsible administrator

Our vision:
To be a world-class leader in livestock traceability to allow our industry to reach its maximum potential.

Our mission statement:
To provide leadership and secure, cost-effective traceability services to the livestock industry while fostering strategic partnerships and developing innovative solutions that will enhance the Canadian livestock industry.
CCIA decision makers

The agency is led by a Board of Directors representing 16 industry associations from all sectors of the livestock industry in Canada.

<table>
<thead>
<tr>
<th>MEMBER ORGANIZATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alberta Beef Producers</td>
</tr>
<tr>
<td>Alberta Cattle Feeders’ Assn.</td>
</tr>
<tr>
<td>Beef Farmers of Ontario</td>
</tr>
<tr>
<td>B.C. Cattlemen’s Assn.</td>
</tr>
<tr>
<td>Manitoba Beef Producers</td>
</tr>
<tr>
<td>Les producteurs de bovins du Québec</td>
</tr>
<tr>
<td>Saskatchewan Stock Growers Assn.</td>
</tr>
<tr>
<td>Maritime Beef Council</td>
</tr>
<tr>
<td>Canadian Cattlemen’s Assn.</td>
</tr>
<tr>
<td>Canadian Beef Breeds Council (associate)</td>
</tr>
</tbody>
</table>
CCIA talents

**Headquarters in Calgary, Alberta**

<table>
<thead>
<tr>
<th>Role</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Manager</td>
<td></td>
</tr>
<tr>
<td>Client Support Representatives</td>
<td>7</td>
</tr>
<tr>
<td>Information Technology</td>
<td>6</td>
</tr>
<tr>
<td>Finances / Administrative Support Support</td>
<td>4</td>
</tr>
<tr>
<td>Communication</td>
<td>2</td>
</tr>
<tr>
<td>Field staff</td>
<td>2</td>
</tr>
<tr>
<td>Animal Indicator Specialist</td>
<td>1</td>
</tr>
<tr>
<td>In-house counsel</td>
<td>1</td>
</tr>
</tbody>
</table>
Qualifications for an organization to be considered eligible for appointment as a Responsible Administrator (CFIA)

Statement of Qualifications
An applicant must meet or must demonstrate that it is capable of meeting all criteria prior to being considered as a responsible administrator. The CFIA will assess the information and documentation provided by the applicant against the qualifications outlined in the document and in the regulations. The CFIA may seek further information and will verify the information provided by the applicant.

Last amended November 2014

- GOVERNANCE AND CAPACITY (15 criteria)
- DATA AND DATABASE (9 criteria)
Our main responsibilities

1. **Animal indicators (under framework) and transceivers** for approval or revocation.

2. **Allocate, manage regulatory data** collected under Part XV of the *Health of Animals Regulations* on behalf of CFIA.

3. **Evaluate (to manufacturers) and issue (to accounts) approved indicators** for the purposes of Part XV of the *Health of Animals Regulations*.

4. **Communicate regulatory interpretations** and proposed regulatory amendments to regulated parties.

5. **Protect the security and integrity of Part XV data**, in accordance with privacy restrictions.
Privacy Act
Part XV of the Health of Animals Regulations

Information submitted to the (CLTS) database is protected under the Privacy Act and is in accordance with privacy restrictions imposed by CFIA in its agreement with CCIA.
Livestock traceability is based on 3 pillars

**Premises Identification**
Unique identification of land parcels

**Animal Identification**
Unique identification of individual animals or homogenous groups of animals

**Animal Movement**
Ability to track animal movements from premises to premises
Federally regulated species in Canada
Part XV of the Health of Animals Regulations

Currently regulated species
- Bovines (beef cattle, dairy cattle, bison)
- Sheep
- Swine

Included in proposed regulatory amendments (later 2018)
- Goats
- Farmed Cervids (elk, deer, reindeer)
Animal identification:
All cattle/sheep/bison must be tagged with an approved indicator prior to moving from their current location or leaving their farm of origin.
Current regulations (2)
http://www.inspection.gc.ca

Requirements for intermediate sites:
If cattle, bison or sheep do not bear an approved tag or that bear a revoked tag, intermediate sites must apply a new approved tag to the animal...

Tagging sites:
The operator of an auction mart, fair or assembly yard may voluntarily request to be recognized as a tagging site. Note that only cattle and bison can be sent to tagging sites to be identified. Tagging sites do not apply to pigs and sheep.
Current regulations (3)
http://www.inspection.gc.ca

Requirements for abattoirs:

Cattle and bison: Mandatory reporting of the identification number within 30 days of the animal's death or slaughter.

Sheep: Not required to report the identification number(s) of approved tags to the Canadian Cattle Identification Agency.
How does it work?
Indicators from manufacturer to animals

1. Manufacturers obtain unique series of numbers from CCIA when needed, to fabricate indicators (allocation);

2. Inventories are kept at CDMV’s warehouses (distributor);

3. Indicators are sold via our call center or via our self-served webstore;
   a) We also have a network of 800 retailers across the country;

4. Once the indicators are sold, numbers must be issued to the producer’s account within 24 hours.
Cattle Indicators
Indicators from manufacturer to animals

International Standards Organization (ISO) Code Structure reads electronically as:

124 000 299 999 999

↓  ↓
Country Unique ID Number

There are eight approved CCIA RFID beef indicators from five tag manufacturers.
All approved CCIA RFID non-breed specific beef cattle indicators are yellow with the CCIA \( \text{\textcopyright} \) CA trademark.
Bison, Dairy and Sheep approved indicators
Animal Indicator Approval Process

Testing according to the Animal Indicator Approval and Revocation Framework (CFIA):

- Field test (1 year)
- Laboratory test in ICAR approved facilities

Main responsible administrator’s responsibilities:

- To facilitate the testing
- To submit proposals, test results and provide recommendations to the National Manager (CFIA)
- To communicate newly approved/revoked indicators to regulated parties (co-operation with CFIA)
Other events into the CLTS

Events that can be submitted:

- Cross-reference for indicator replacement
- Movement: in and out, by group or individuals
- Age verification / birth certificates
- Indicator inventory: applied vs not-applied

Client support:

- Call centre Monday to Friday, 7 am – 5 pm (6 people)
- On-line resource centre: http://support.canadaid.ca/
- CLTS MOBO application for mobile devices
Additional activities at CCIA
Added value applications

Activities at CCIA:
• Research and development
• Tag complaints
• Communication

Added value of the CLTS database:
• Beef Information Exchange System (BIXS)
• Dairy industry initiative proAction
• Verified Beef Production Plus (VBP+)
• Many more!
What else would you like to know?
Anne Brunet-Burgess
General Manager
abrunet-burgess@canadaid.ca / 403.476-1995