



---

# **Can-Trace**

## **Integration Guidelines**

### **Final Report April 2006**

---

 Agriculture and Agri-Food Canada      Agriculture et Agroalimentaire Canada

Can-Trace is funded in part under the Agricultural Policy Framework, a federal-provincial-territorial initiative managed by Agriculture and Agri-Food Canada.





# **Can-Trace Integration Guidelines**

## **Final Report**

Prepared by: Michael Miskin, Merit-Trax Technologies Inc.  
Date: April 2006





## Table of Contents

1. Introduction .....	1
2. Can-Trace Standard - Objectives and Functional Requirements .....	5
3. Survey Questionnaire Description.....	7
4. Survey Methodology .....	7
5. Participating Programs .....	8
6. Can-Trace GAP Survey Results .....	10
7. Discussion of GAP Survey Results by Program.....	14
8. Conclusions and Recommendations.....	30
Appendix A. Summary of the Canadian Food Traceability Data Standard Version 1.0 .....	34
Appendix B. Survey Questionnaire .....	42
Appendix C. Survey Results .....	57

## 1. Introduction:

The intention of the Can-Trace Integration Guidelines report is to provide assistance to enable the seamless integration of the mandatory Can-Trace data elements into the traceability requirements of existing on and off farm programs pertaining to, but not exclusively restricted to:

- Food safety
- Food quality
- Animal health
- Plant health
- Organics
- Environmental management.

The Integration Guidelines Working Group identified a select number of programs to be reviewed by the consultant in order to assess the opportunity and methodology for integrating the mandatory data elements in the Can-Trace "Canadian Food Traceability Data Standard Version 1.0" (CFTDS v 1.0) with the traceability elements in the programs under review. The focus is on *what* information needs to be exchanged to ensure the traceability link is maintained, not the technology associated with how that information should be exchanged.

In preliminary conference calls the working group agreed with the consultant that the review would be conducted by means of a survey questionnaire which would be used to identify the gaps between the Can-Trace Mandatory data elements and an individual food safety/food quality/animal health/plant health program's traceability data elements.

The working group also accepted the consultant's recommendation to benchmark the proposed survey questions with two or three programs, as the first step in the project work plan. The consultant prepared a preliminary report on the benchmark surveys, which was formally discussed by the group at a meeting held on September 7, 2005. At this meeting and in accordance with the project work plan, the working group and the consultant defined both the final version of the survey questionnaire and the report deliverables.

The results of the preliminary benchmark surveys indicated that gaps do exist and that the opportunity to integrate the Can-Trace mandatory data elements will probably require modifications to the Can-Trace Standard. Three important facts emerged from the preliminary benchmark surveys:

- a) A program implements traceability in order to achieve specific *objectives*. These objectives can themselves represent a gap or can be the underlying reason that data element gaps exist. *The functional requirements of a program and the traceability functions of its data elements are based on these objectives.*
- b) A program's traceability objective may be to satisfy *the functional requirement to have a process certified*. This fact in itself represents a gap, since the program may not have a data standard.
- c) The opportunity for implementation of the Can-Trace Standard in traceability programs does exist, if the mandatory data elements in the Can-Trace CFTDS v 1.0 can be modified to *accommodate the objectives, functional requirements and traceability functions of the data elements required by the programs.*



The traceability function of a data element refers to its generic traceability identifier. There are three generic traceability identifiers (Product, Party and Location) which are described in the CFTDS v 1.0 and which are referred to as the “basic elements of traceability”. In the survey questionnaire and elsewhere in this report the author uses the term “traceability function” to refer to these generic traceability identifiers. The author uses the term “functional requirement” to describe the data collection, storage and sharing issues which a program must consider in order to meet its traceability objectives.

With respect to the programs’ traceability objectives, functional requirements and traceability functions (basic elements of traceability), the final set of survey results indicates that:

- a) The CFTDS v 1.0 has a downstream supply chain perspective, where product is identified in boxes or bags (trade units) and is stored and shipped on pallets (logistical units). The Product Identifier is considered to be a Master Data Type (information that seldom changes). The on farm food safety and animal health programs are upstream value chain oriented as opposed to downstream supply chain oriented. *Upstream Product Identifiers (pre box and pallet) have the functional requirement to preserve the identity of products that are stored and shipped in bulk.* This creates a challenge to the seamless integration of the Can-Trace data elements, specifically where there are more identifiers required than the CFTDS v 1.0 allows for, and the Product Identifiers are Transactional Data Types (information that changes per transaction). The Product Identifiers not only vary with each transaction, but can vary from link to link in the chain, including during transport, where the Product Identifier is the identifier of the container or storage device and/or the vehicle which is transporting the container.
- b) The CFTDS v 1.0 uses the one link up/one link down model of sharing traceability information between parties. Some of the on farm food safety and animal health programs in the livestock sector do not. *They have a functional requirement to use a central database or registry.* In some cases the livestock model requires these central databases to share information with one another. The central database model creates a challenge to the seamless integration of the Can-Trace data elements relative to how the information is to be kept (stored) and shared (exchanged).
- c) The programs in the livestock sector are concerned with animal health issues and have a *functional requirement to track animal movements to a degree of precision that goes beyond the traceability functions of the Mandatory Data Elements in the CFTDS v 1.0.* Vehicle of Conveyance Identification and Date/Time data elements are required in the livestock sector. Furthermore in many instances of animal movement, the Buyer and Vendor Identifiers are irrelevant, it is the Premises Identifier and related Contact Information that are relevant.
- d) The CFTDS v 1.0 has a downstream supply chain perspective, where the primary objective is product recall for food safety. The CFTDS v 1.0 Mandatory Data Elements deal with three basic elements of traceability (Party, Product and Location Identification). The Shipment Identifier is one of the eight Mandatory Data Elements in the CFTDS v 1.0. However it only serves the traceability function of being a pointer to where the relevant shipment data elements are kept (stored). The functional requirements of the on farm food safety and animal health programs which require transactional Product Identifiers and precision Shipment Identifiers indicate that the three basic elements of traceability on which the CFTDS v 1.0 is based are not sufficient for the seamless integration of the CFTDS v 1.0. There is a *fourth basic element of traceability* that must be considered, which is *Shipment Identification*.

Based upon the results of the preliminary benchmark surveys, the working group and the consultant decided that the Can-Trace Integration Guidelines report will:

- a) Identify the gaps.
- b) Discuss the reasons as to why the gaps exist relative to the objectives and functional requirements of the programs.
- c) Prepare a set of recommendations to be presented to the Standards Working Group regarding proposed modifications to the mandatory data elements, in order to accommodate the objectives and the functional requirements of the programs. In the context of this report, the word "modifications" refers to both the inclusion of optional data elements and expanding or changing the definitions (terminology) of some of the existing data elements relative to the four basic elements of traceability.

It should be noted that the discussion of the gaps and the recommendations contained in this report focus on the ability of the CFTDS v 1.0 to accommodate the objectives and functional requirements of the programs. Theoretically if a program does not use a mandatory data element of the CFTDS v 1.0 then it is technically a gap as far as the survey results are concerned. However it is not the intention of this report to refer to the missing mandatory data elements as data elements which must be included by the programs.

The discussion of the gaps and the recommendations contained in this report compare the Objectives and the Functional Requirements of the programs to the Objectives and the Functional Requirements of the CFTDS v 1.0. The individual data elements are discussed on the basis of their traceability functions relative to the four basic elements of traceability (Party, Product, Location and Shipment Identification), and on the basis of their data types (Master or Transactional).

The fundamental conclusion of this report is that the mandatory data elements in the CFTDS v 1.0 do not completely satisfy the functional requirements of on farm food safety and animal health programs because the basic elements of traceability are applied from a downstream supply chain perspective.

The fundamental recommendation of this report is that in order to enable the seamless integration of the mandatory Can-Trace data elements into existing on and off farm traceability programs, the mandatory data elements in the CFTDS v 1.0 must be modified to accommodate a more generic application of the basic elements of traceability, and that they must include more data elements to satisfy the functional requirements for Shipment Identification.





## **2. Can-Trace Standard - Objectives and Functional Requirements:**

The purpose of this section is to describe the Objectives and the Functional Requirements of the CFTDS v 1.0, and the concepts of "Basic Elements of Traceability" and "Master and Transactional Data Types," on which the CFTDS v 1.0 is based.

The relevant section of the CFTDS v 1.0 is included verbatim in Appendix A.

### **Objectives:**

The objective of Can-Trace is to define and develop minimum information requirements for a national whole-chain all-product traceability standard based on the globally recognized GS1 System (formerly called the EAN.UCC System). Specifically, this voluntary standard will establish the minimum data elements required to be collected, kept and shared between trading partners.

### **Functional Requirements:**

The standard is based on the one link up/one link down model of collecting, keeping and sharing traceability information.

Units are traced for purposes such as recall and complaints.

The standard document "Canadian Food Traceability Data Standard Version 1.0" contains background information and data concepts which are used to explain how to use this standard.

The important data concepts behind the standard include:

### **Basic Elements of Traceability:**

The basic elements of traceability include Product, Party and Location Identifiers.

They are used in the one up/one down model of sharing traceability information by assigning identifiers to a product, relating them to their predecessor, recording them and sharing them with supply chain partners. As products move or are transformed by different chain participants at different locations, new product, party and location identifiers are assigned and linked to their predecessors.

There are many ways to assign, record and store identifiers. The Can-Trace standard allows for the generic use of the identifiers and GS1 global standards (formerly called EAN.UCC international standards) for product, party and location identification.

### **Data Types:**

There are two types of data required for traceability: Master and Transactional data.

Master data is information that seldom changes. Master data applies to product, party and location information. It includes information such as product description, buyer identifier, location etc.

Transactional data is data that is unique to each individual transaction. Examples include lot number, shipment identifier and shipment date.

## **Data Usage:**

As the name implies, mandatory data refers to the information that all supply chain partners are obliged to collect, keep, or share. Optional data are additional pieces of information that are useful but not essential.

## **Comments:**

The CFTDS v 1.0 is designed from a downstream supply chain perspective. Its primary functional requirement is to provide traceability for the purpose of facilitating food safety recalls. The basic elements and data types are designed from this perspective in order to meet this functional requirement.

The master and transactional data types are significant if a program wishes to use the EAN.UCC international standards for product, party and location identification. If these data elements are used generically, as the CFTDS v 1.0 allows for, then this is not significant to the program itself. However the data types would impact how the data is kept (stored) by an individual party who is responsible for the data at a link in the supply chain.

## **3. Survey Questionnaire Description:**

The survey questionnaire was prepared as an Excel spreadsheet file, which contains a set of five worksheets. The set of five worksheets consists of:

**Introduction:** Which describes the purpose of the survey, the method to be used to determine the gaps and the instructions for answering the questions.

**Questions:** Which presents the questions in a two set (Y/N) format. The format also included a column for terminology and function comments and a description of each program's traceability objectives.

**Can-Trace Mandatory Data:** Which was included for reference purposes and describes the eight mandatory data elements as per CFTDS v 1.0.

**Can-Trace Data Dictionary:** Which was included for reference purposes and describes the twenty-four data elements as per CFTDS v 1.0.

**Traceability Functions:** Which was included for reference purposes and describes the traceability function of each of the twenty-four data elements as per CFTDS v 1.0.

A copy of the Excel spreadsheet file is included in Appendix B.

## **4. Survey Methodology:**

The consultant presented the survey to each of the programs, as an opportunity for them to compare the traceability requirements in their programs with the Can-Trace mandatory data elements. It was also stressed that from Can-Trace's perspective the purpose of the survey was to identify the gaps and not "to recommend changes to the programs in order for them to conform to Can-Trace".

The individual surveys were conducted as follows:

The consultant conducted an initial telephone call for the purpose of introduction and to gain an understanding of





each program's ultimate goals and traceability accomplishments to date. Prior to conducting the initial call, the consultant conducted a web search review of each program and its traceability requirements.

Each participant was e-mailed a copy of the survey questionnaire to review and to prepare their preliminary answers.

The consultant then conducted the survey with the participant by telephone and took the notes which were to be entered in the description and comments column.

After the survey telephone call, the consultant entered the comments based upon his notes and reviewed the survey answers to check for any omissions or discrepancies and to identify any answers which might require further clarification.

The completed survey was e-mailed to the participant for review. Further clarification was conducted by means of follow-up telephone calls.

If changes were made to the answers or comments then these were entered by the consultant and the revised survey was e-mailed to the participant for review. This cycle was repeated until the survey answers were accepted by the participant.

## **5. Participating Programs:**

Some of the participating programs fall under the general description of on farm food safety and/or HACCP programs.

In addition to their traceability requirements, the on-farm food safety programs must satisfy the requirements of the Canadian On-Farm Food Safety (COFFS) Program. The COFFS Program is a producer-led, industry/government partnership that provides national commodity groups with the opportunity to develop the strategies and the necessary tools to educate producers and to implement national on-farm food safety initiatives consistent with the Codex Alimentarius' Hazard Analysis Critical Control Point (HACCP) definitions and principles and with the Canadian Food Inspection Agency's Food Safety Enhancement Program.

The Canadian Food Safety Adaptation Program (CFSAP) is an innovative national program to assist the agri-food industry in designing comprehensive, collaborative food safety strategies and management systems. CFSAP was designed by the Canadian Food Inspection Agency in consultation with Agriculture and Agri-Food Canada and food industry stakeholders. The use of HACCP as a tool helps promote a consistent scientific approach to food safety. The CFSAP initiative complements other initiatives targeting food safety such as the Canadian On-Farm Food Safety Program

For a brief overview on HACCP, please visit the following url:

<http://www.inspection.gc.ca/english/fssa/polstrat/haccp/haccpe.shtml> and

<http://www.inspection.gc.ca/francais/fssa/polstrat/haccp/haccpf.shtml>

For a brief overview on COFFS, please visit the following url:

[www.onfarmfoodsafety.ca](http://www.onfarmfoodsafety.ca) and [www.salubritedesalimentsalaferme.ca](http://www.salubritedesalimentsalaferme.ca)

The benchmark surveys were conducted during the period from August 11, 2005 to August 26, 2005. The final surveys were conducted during the period from October 15, 2005 to November 2005.

The following programs participated in both the benchmark and the final surveys:

- a) Canadian Grain Commission - Canadian Identity Preservation Recognition System, (CIPRS), represented by Jo-Anne Sutherland
- b) Canadian Pork Council - National Identification and Traceability for Swine (CPC), represented by François Bédard
- c) Dairy Farmers of Canada - Canadian Quality Milk Program (CQM), represented by Nicole Sillett

The following programs participated in the final survey:

- d) Equine Canada - Equine Canada ID Project (EC), represented by Vel Evans
- e) Canadian Herb, Spice & Natural Health Product Coalition - Plant Identification for the Herbal Industry (CHSNHPC), represented by Connie Kehler
- f) Canadian Livestock Identification Agency (CLIA), represented by Michael Dexter
- g) Packaging Association of Canada (PAC), represented by Roger Miller
- h) Canada Organic Initiative (COI), represented by Paddy Doherty
- i) Agri-Traçabilité Québec (ATQ), represented by Linda Marchand – At the time of the writing of this draft, the results of this survey had not yet been confirmed by the participant.
- j) Canadian Food Inspection Agency – Food Safety Enhancement Program (FSEP), represented by Tom Graham - This survey was conducted in March 2006, after version 2.5 of the report was written. The results of this survey have been included in this final draft of the report.

The results of the final survey questionnaires are included in Appendix C.



## 6. Can-Trace GAP Survey Results:

### 6. A. Mandatory Data Elements:

Mandatory Data Element	Basic Element of Traceability	Survey Results								
		CIPRS	CPC	CQM	EC	CHSNHPC	CLIA	PAC	COI	FSEP
Buyer Identifier - Required	Party/Location	Y	N	N	Y	Y	N	N	Y	Y
Buyer Identifier - Terminology		N	N	N	Y	N	N	N	Y	Y
Buyer Identifier - Function		Y	Y	N	Y	Y	Y	N	N	Y
Lot Number - Required	Product	Y	N	N	N	Y	N	Y	Y	Y
Lot Number - Terminology		Y	N	N	N	Y	N	Y	Y	Y
Lot Number - Function		Y	N	N	N	Y	N	Y	Y	Y
Product Description - Required	Product	Y	N	N	N	Y	N	Y	Y	Y
Product Description - Terminology		Y	N	N	N	N	N	N	Y	Y
Product Description - Function		Y	N	N	N	N	N	Y	Y	Y
Product Identifier - Required	Product	Y/N	Y	Y	Y	Y	Y	Y	Y	Y
Product Identifier - Terminology		Y	Y	N	Y	N	N	N	Y	Y
Product Identifier - Function		Y	Y	Y	Y	N	Y	Y	Y	Y
Quantity - Required	Product	Y	Y	Y	N	Y	Y	Y	Y	Y
Quantity - Terminology		Y	Y	Y	N	Y	N	Y	Y	Y
Quantity - Function		Y	Y	Y	N	Y	Y	Y	Y	Y
Shipment Identifier - Required	Party/Location/Shipment	Y	Y	N	Y/N	Y	Y	Y	Y	Y
Shipment Identifier - Terminology		Y	N	N	Y	N	N	Y	Y	Y
Shipment Identifier - Function		Y	Y	N	Y	Y	Y	Y	Y	Y
Unit of Measure - Required	Product	Y	N	N	N	Y	N	Y	Y	Y
Unit of Measure - Terminology		Y	N	N	N	Y	N	Y	Y	Y
Unit of Measure - Function		Y	N	N	N	Y	N	Y	Y	Y
Supplier Identifier - Required	Party/Location	Y	N	Y	Y	Y	Y	Y	Y	Y
Supplier Identifier - Terminology		Y	N	N	Y	N	N	N	Y	Y
Supplier Identifier - Function		Y	Y	N	Y	Y	Y	Y	Y	Y

## 6. B. Optional Data Elements:

Optional Data Element	Basic Element of Traceability	Basic Element of Traceability									
		CIPRS	CPC	CQM	EC	CHSNHPC	CLIA	PAC	COI	FSEP	
Vehicle Identifier - Required	Shipment	Y	Y	N	Y	N	Y	Y	N	N	
Can-Trace	Optional	Y	Y		Y		Y	Y		N	
Can-Trace - Terminology		Y	N	N	N	N	N	Y	N	N	
Can-Trace - Function		Y	Y	N	Y	N	Y	Y	N	N	
Shipment Date - Required	Shipment	N	Y	N	Y	N	Y	Y	N	Y	
Can-Trace	Optional		Y		Y		Y	Y		Y	
Can-Trace - Terminology		N	Y	N	Y	N	Y	Y	N	Y	
Can-Trace - Function		N	Y	N	Y	N	Y	Y	N	Y	
Shipment Time - Required	Shipment	N	Y	N	Y	N	N	Y	N	N	
Can-Trace	N/A										
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N	
Can-Trace - Function		N	N	N	N	N	N	N	N	N	
Receipt Date - Required	Shipment	N	Y	N	Y	N	Y	N	N	Y	
Can-Trace	Optional		Y		Y		Y			Y	
Can-Trace - Terminology		N	Y	N	Y	N	Y	N	N	Y	
Can-Trace - Function		N	Y	N	Y	N	Y	N	N	Y	
Receipt Time - Required	Shipment	N	Y	N	Y	N	N	N	N	N	
Can-Trace	N/A										
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N	
Can-Trace - Function		N	N	N	N	N	N	N	N	N	
Ship From Location - Required	Party/Location	N	Y	N	Y	N	Y	N	N	Y	
Can-Trace	Optional		Y		Y		Y			Y	
Can-Trace - Terminology		N	N	N	N	N	N	N	N	Y	
Can-Trace - Function		N	Y	N	Y	N	Y	N	N	Y	
Ship To Location - Required	Party/Location	N	Y	N	Y	N	Y	Y	Y	Y	
Can-Trace	Optional		Y		Y		Y	Y	N	Y	
Can-Trace - Terminology		N	N	N	N	N	N	N	N	Y	
Can-Trace - Function		N	Y	N	Y	N	Y	Y	N	Y	
Ship Container Seal No - Required	Product	Y	N	N	N	N	N	N	N	Y	
Can-Trace	Optional	Y								Y	
Can-Trace - Terminology		Y	N	N	N	N	N	N	N	Y	
Can-Trace - Function		Y	N	N	N	N	N	N	N	Y	





Optional Data Element	Basic Element of Traceability	CIPRS	CPC	CQM	EC	CHSNHPC	CLIA	PAC	COI	FSEP
Premise of Origin (Contact) - Required	Party/Location	N	N	Y	Y	N	Y	N	Y	N
Can-Trace	Optional			Y	N		Y		N	
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N
Can-Trace - Function		N	N	Y	Y	N	Y	N	N	N
Responsible Party Contact - Required	Party	N	N	N	N	N	N	N	Y	N
Can-Trace	Optional								Y	
Can-Trace - Terminology		N	N	N	N	N	N	N	Y	N
Can-Trace - Function		N	N	N	N	N	N	N	Y	N
Animal Age	?	N	N	Y	N	N	N	N	N	N
Can-Trace	Optional			Y						
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N
Can-Trace - Function		N	N	Y	N	N	N	N	N	N
Premise of Residence (Contact) - Required	Party/Location	N	N	N	Y	N	N	N	N	N
Can-Trace	N/A									
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N
Can-Trace - Function		N	N	N	Y	N	N	N	N	N
Premise of Activity (Contact) - Required	Party/Location	N	N	N	Y	N	N	N	N	N
Can-Trace	N/A									
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N
Can-Trace - Function		N	N	N	Y	N	N	N	N	N
Voucher Specimen	Product	N	N	N	N	Y	N	N	N	N
Can-Trace	N/A									
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N
Can-Trace - Function		N	N	N	N	N	N	N	N	N
Retention Sample ID	Product	N	N	N	N	Y	N	N	N	N
Can-Trace	N/A									
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N
Can-Trace - Function		N	N	N	N	N	N	N	N	N
Responsible Party ID - Required	Party	N	N	N	N	N	N	N	Y	N
Can-Trace	N/A									
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N
Can-Trace - Function		N	N	N	N	N	N	N	N	N

Optional Data Element	Basic Element of Traceability	Basic Element of Traceability									
		CIPRS	CPC	CQM	EC	CHSNHPC	CLIA	PAC	COI	FSEP	
Certification Body ID - Required	Party	N	N	N	N	N	N	N	Y	N	
Can-Trace	N/A										
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N	
Can-Trace - Function		N	N	N	N	N	N	N	N	N	
Establishment Registration Number - Required	Party/Location	N	N	N	N	N	N	N	Y	Y	
Can-Trace	N/A										
Can-Trace - Terminology		N	N	N	N	N	N	N	N	N	
Can-Trace - Function		N	N	N	N	N	N	N	N	Y	
Country of Origin - Required	Location	N	N	N	N	N	N	N	Y	Y	
Can-Trace	Optional									Y	
Can-Trace - Terminology		N	N	N	N	N	N	N	N	Y	
Can-Trace - Function		N	N	N	N	N	N	N	N	Y	
Shipping Company - Required	Party	N	N	N	N	N	N	N	Y	Y	
Can-Trace	Optional									Y	
Can-Trace - Terminology		N	N	N	N	N	N	N	N	Y	
Can-Trace - Function		N	N	N	N	N	N	N	N	Y	



## **7. Discussion of GAP Survey Results by Program:**

### **7. A. Canadian Grain Commission - Canadian Identity Preservation Recognition System (CIPRS)**

#### **Objectives:**

The CIPRS standard is process-oriented, not data-oriented. The standard describes the QMS process control records (i.e. data) to be collected and stored for retrieval. The standard is not prescriptive, but does require traceability and audits to ensure that traceability is in place within the company's scope of operation.

#### **Functional Requirements:**

Traceability is based on the one link up/one link down model of collecting, keeping and sharing traceability information.

Units are traced primarily for the purpose of identity preservation.

#### **Basic Elements of Traceability and Data Types:**

##### **Product Identification:**

In the upstream part of the supply chain the product identity must be preserved while the product is in a bulk format. The product identifier is often some combination of the identifier of the storage or shipping container in combination with the product description and/or the vehicle of conveyance identifier.

##### **Party/Location Identification:**

The buyer may sometimes be identified by the supplier's contract number and not by a unique identifier.

##### **Shipment Identification:**

The Vehicle and Shipping Container Identifiers are transactional data elements which are used for product identification.

The vehicle of conveyance and a particular compartment of the vehicle, such as a hold on a ship, and the identification of a unique seal on a shipping container are all important to preserving the identity of the product while it is in a bulk format.

#### **Comments:**

In the CFTDS v 1.0, the product identifier is a master data type. In the CIPRS program, while the product is in a bulk format, the product identifiers are transactional. The product identifiers require an association with the shipment identifiers (the vehicle and the unique shipping container identifier or storage device).

The use of the buyer identifier is not mandatory in the CIPRS program. Where the supplier's contract number is used to identify the buyer and/or the seller, the identifier becomes a transactional and not a master data type. If the contract number is unique to a particular shipment, then it could also be considered to be a shipment identifier, since in the CFTDS v 1.0, the shipment identifier serves a function in providing both Party and Location identification.

In order to enable the seamless integration of the CFTDS v 1.0 mandatory data elements into the traceability requirements of the CIPRS program, the Vehicle and Shipping Container Identifiers would have to be included as mandatory data elements.

## 7. B. Canadian Pork Council (CPC)

### Objectives:

The CPC is developing a traceability system to track swine movement from birth to slaughter. The purposes of the system are to:

1. Minimize the impact of a food safety crisis or a foreign or domestic animal disease outbreak.
2. Reinforce our domestic and export market access.
3. Improve competitiveness.

### Functional Requirements:

Traceability is based on the use of a central database model for keeping and sharing traceability information.

Animal movements are tracked in order to determine, at a precise point in time, their exact location and all other animals or vehicles of conveyance that they were in contact with.

The program deals with the animals in the upstream portion of the supply chain from farm to slaughter.

### Basic Elements of Traceability and Data Types:

#### Product Identification:

Animal Identification is used to uniquely identify an individual animal for specific movements, such as co-mingling of animals where the final destination is unknown e.g. auction, show, test station, etc. This will also be required for breeding stock.

However where the final destination is known a group of animals that is moved together will share the same identifier (group number) in the central database. Unlike a processor's lot number where each unit that belongs to the lot shares the same production attributes, an animal will belong to a different group number each time that it is moved. In this context the group number is actually a shipment identifier that is used for product identification and is thus a transactional data type.

#### Party/Location Identification:

The CPC system uses Premises IDs to identify the location (Premises ID) from and to which the animal is shipped. The identification of buyers and sellers is not required due to the fact that a large portion of the industry is vertically integrated and an animal can be shipped from one location to another, with no change in ownership. The "Contact" is identified by the Premises ID record which is registered in a central database. The Contact information is stored in the database and is accessed by the Premises ID.

#### Shipment Identification:

In addition the use of the Group Number as a Shipment Identifier, the Vehicle Identifier and the Shipment and Receipt Dates are transactional data elements which are needed for the tracking precision required by the program.

The identity of the vehicle of conveyance is used for animal health reasons. If a diseased animal was transported on a truck, then all other animals which were transported on that truck may be affected as well, even if they do not belong to the same group number (shipment identifier).

The date and time that an animal was at a certain location or transported by a certain vehicle is required.



## **Comments:**

The CPC system uses the terminology of Premises ID of Shipment Origin and Premises ID of Shipment Destination to refer to Ship from Location and Ship to Location identifiers. However since the Premises ID also serves the function of identifying the contact at each location its function is not identical to the function and definition of the Ship from Location and Ship to Location identifiers in the CFTDS v 1.0.

It is of interest to note that an implementation of the CFTDS v 1.0, which uses the GS1 global standards for product, party and location identification would also use the Global Location Number (GLN). In the GS1 System, the GLN provides the function of identifying entities. These entities can be both Parties and Locations. Therefore the GLN can be used to identify Buyers, Sellers, Ship from Locations and Ship to Locations. The traceability functions (basic elements of traceability) of the GLN are the same as those of the Premises ID in the CPC program.

In order to enable the seamless integration of the CFTDS v 1.0 mandatory data elements into the traceability requirements of the CPC program the following gaps need to be resolved:

- The definition and function of the Ship from Location and Ship to Location identifiers in the CFTDS v 1.0 need to be expanded to include those of the Premises ID.
- The Ship from Location and Ship to Location identifiers need to be made mandatory data elements.
- The Vehicle Identifier in the CFTDS v 1.0 needs to be made a mandatory data element.
- The definitions of the Receipt Date and Ship Date data elements in the CFTDS v 1.0 need to be expanded to include time.
- The Receipt Date and Ship Date data elements need to be made mandatory data elements.

It should be noted that the Shipment Identifier, which is a mandatory data element in the CFTDS v 1.0, serves the requirement of pointing to or referencing where the above mentioned gap elements are stored. Generally the Shipment Identifier is the reference number of a shipment's bill of lading, waybill document or electronic advanced shipment notice. It is this document which contains the data (Ship from Location, Ship to Location, Receipt Date and Ship Date, Vehicle Identifier). In the CFTDS v 1.0, the Shipment Identifier actually points to where this information is stored (kept). In an electronic system it is the database record identifier that points to the record which stores the data, while in a manual system it is the document itself. In the CPC system the data elements themselves are mandatory, not just the pointer.

## **7. C. Dairy Farmers of Canada Canadian Quality Milk Program (CQM)**

### **Objectives:**

The CQM requires traceability in accordance with ATQ regulations in Quebec and in accordance with CCIA regulations in the rest of Canada. In addition the CQM requires the unique identification of each animal on the farm for the purpose of recording each animal's treatment history. It should be noted that the answers to the survey questions reflect the minimum requirements of the CCIA regulations and not those of the ATQ. If the gaps were to be identified in comparison with the ATQ regulations then the responses to the survey questions would be different.

### **Functional Requirements:**

Traceability is based on the use of a central database model for keeping and sharing traceability information.

Animals are traced for the purpose of identity preservation and animal movements are tracked in order to

determine, at a precise point in time, their exact location and all other animals or vehicles of conveyance that they were in contact with.

The program deals with the animals in the upstream portion of the supply chain from farm to slaughter.

## **Basic Elements of Traceability and Data Types:**

### **Product Identification:**

The CQM uniquely identifies each animal as per the definition of Product Identifier in the CFTDS v 1.0.

### **Party/Location Identification:**

In the CQM system the identifier of interest is the farm of origin. Contact information related to the farm of origin is also required.

The participants in the CQM program must also follow the traceability requirements of the ATQ in Quebec and the CCIA outside of Quebec. The requirements of these programs are not included here.

## **Comments:**

In order to enable the seamless integration of the CFTDS v 1.0 mandatory data elements into the traceability requirements of the CQM program either the definition of the Vendor/Supplier Identifier needs to be expanded to include a "Contact" who is not necessarily the seller or the Contact Information identifier needs to be included in the mandatory data elements.

## **7. D. Equine Canada - Equine Canada ID Project (EC)**

### **Objectives:**

To support the economic sustainability of the Canadian Equine sector with a national equine identification and tracking system that: 1. Minimizes the risk and impact of contagious disease outbreaks either for animal health emergencies affecting horses or other livestock in Canada or human health. 2. Meets international standards for equine ID and movement tracking as required to ensure continued international movement for Canadian horses for sport breeding and recreation. 3. Provides the reporting infrastructure to record health status at the time of slaughter affecting meat quality and safety for horses as food animals as required by current and future regulations.

### **Functional Requirements:**

Traceability is based on the use of a central database model for keeping and sharing traceability information. The central database receives information from other databases and must also update information in the CLIA central database.

Animals are traced for the purpose of identity preservation and animal movements are tracked in order to determine, at a precise point in time, their exact location and all other animals or vehicles of conveyance that they were in contact with.

The system deals with the animals in the upstream portion of the supply chain from farm to slaughter.





## **Basic Elements of Traceability and Data Types:**

### **Product Identification:**

The EC program uniquely identifies each animal as per the definition of Product Identifier in the CFTDS v 1.0. In the EC system the product identifier is called the UELN - Unique Equine Life Number.

### **Party/Location Identification:**

The EC program uses buyer and seller identifiers. Shipment identifiers are only required if a mandatory transport manifest is required.

The EC program also uses Premises IDs to identify the locations from and to which the animal is shipped. The "Contact" is identified by the Premises ID record which is registered in a central database.

The EC program also uses Premises ID to identify the locations of birth, residence and activity.

## **Shipment Identification:**

The Vehicle Identifier and the Shipment and Receipt Dates are transactional data elements which are needed for the tracking precision required by the system.

The identity of the vehicle of conveyance is used for animal health reasons.

The date and time that an animal was at a certain location or transported by a certain vehicle is required.

## **Comments:**

The EC program has many additional data elements which are related specifically to animal health and animal history. These elements were identified in the survey, but are not included for discussion in this report. The elements which were included are those which are considered to be traceability related; product, party, location or shipment identifiers.

The EC program uses the terminology of Premises ID of Shipment Origin and Premises ID of Shipment Destination to refer to Ship from Location and Ship to Location identifiers. However since the Premises ID also serves the function of identifying the contact at each location its function is not identical to the function and definition of the Ship from Location and Ship to Location identifiers in the CFTDS v 1.0.

The comments made in Section 7.B. Canadian Pork Council (CPC), regarding the use of the GS1 Global Location Number (GLN) for an implementation of the CFTDS v 1.0 that uses the GS1 global standards for product, party and location identification also applies to the EC system.

In order to enable the seamless integration of the CFTDS v 1.0 mandatory data elements into the traceability requirements of the EC system the following gaps need to be resolved:

The definition and function of the Ship from Location and Ship to Location identifiers in the CFTDS v 1.0 need to be expanded to include those of the Premises ID.

The Ship from Location and Ship to Location identifiers need to be made mandatory data elements.

The Vehicle identifier in the CFTDS v 1.0 needs to be made a mandatory data element.

The definitions of the Receipt Date and Ship Date data elements in the CFTDS v 1.0 need to be expanded to include time.

The Receipt Date and Ship Date data elements need to be made mandatory data elements.  
The use of the Premises ID to identify the locations of birth, residence and activity must be accommodated.

The comments made in Section 7. B. Canadian Pork Council (CPC), regarding the use of the Shipment Identifier in the CFTDS v 1.0 to point to where the Ship from Location, Ship to Location, Receipt Date, Ship Date and Vehicle Identifier are stored (kept) applies to this program as well.

## **7. E. Canadian Herb, Spice & Natural Health Product Coalition - Plant Identification for the Herbal Industry (CHSNHPC)**

### **Objectives:**

Use traceability for identity and contaminant identification, risk management and limit of liability.

### **Functional Requirements:**

Traceability is based on the one link up/one link down model of collecting, keeping and sharing traceability information.

Units are traced primarily for the purpose of identity preservation and risk management.

### **Basic Elements of Traceability and Data Types**

#### **Product Identification:**

At the primary producer level the lot number serves as the identifier. The information kept with this lot number identifies the product. e.g. field and date of harvest, sample ID, etc.

The product is described by its scientific name (genus and species) and common name, as they appear on the Certificate of Authenticity/Identity. Information is required to be kept and must be linked to the lot or batch, but may not always be marked on the container or the box.

The lot number may also be used to identify the shipment.

The Voucher Specimen is a visual physical representation of the product (press or photo of plant).

The Retention Sample is a representative sample of a lot, batch, or shipment of a herb that is retained by the supplier when the lot, batch, or shipment is sold up the supply chain.

#### **Party/Location Identification:**

The sender of the product may not actually be the vendor as there may not be a transfer of ownership.

The receiver of the product may not actually be the buyer as there may not be a transfer of ownership.

### **Comments:**

In the CFTDS v 1.0, the product identifier is a master data type. In the CHSNHPC program, the product identifiers can be transactional. The product identifiers also require the retention of certificates of authenticity and specimen samples.

The CHSNHPC program uses sender and receiver identifiers to identify parties and locations.





If the lot number is used as the shipment identifier, then the shipment may not be uniquely identified if the receiver receives multiple shipments of the same lot number.

In order to enable the seamless integration of the CFTDS v 1.0 mandatory data elements into the traceability requirements of the CHSNHPC program, the definitions and/or the number of data elements used as Product Identifiers and Product Descriptions have to be expanded to include the association with Voucher Specimens and Retention Samples.

## **7. F. Canadian Livestock Identification Agency (CLIA)**

### **Objectives:**

1. The objective(s) of the Corporation are:

- (i) To provide for the development, administration and maintenance of a national multi-species database for livestock identification, traceability and livestock premises identification
- (ii) To develop national standards and minimum criteria for multi-species Identification and traceability for species in Canada
- (iii) To provide a platform (forum) for discussions and policy development on livestock identification and traceability for animal health emergency management and food safety

2. The corporation has been formed for the purpose of performing agreed upon services for and on behalf of the members of the Corporation. Without restricting the generality of the foregoing one of the services to be provided by the Corporation is the development, maintenance, administration and management of the national multi-species database system used by the Livestock Industry Members for shared data, meeting minimum standards and criteria, common to all species.

3. With the exception of the national multi-species database system of shared data, the Livestock Industry Members of the Corporation are responsible for developing and administering their own national identification system for the animals of the species represented by that Member.

### **Functional Requirements:**

Traceability is based on the use of a central database model for keeping and sharing traceability information.

Animal movements are tracked in order to determine, at a precise point in time, their exact location and all other animals or vehicles of conveyance that they were in contact with.

The program deals with the animals in the upstream portion of the supply chain from farm to slaughter.

### **Basic Elements of Traceability and Data Types:**

#### **Product Identification:**

Depending upon the species animals will either be uniquely identified or will be identified as a group that moves together.

The group number is actually a shipment identifier that is used for product identification. Lot numbers are not used.

In the CLIA system the product description is the species.

## **Party/Location Identification:**

The CLIA system uses Premises IDs to identify the location (Premises ID) from and to which the animal is shipped. The identification of buyers is not required due to the fact that the Premises ID is used to identify the receiving location. For some species the Producer ID is used in the place of the Vendor Identifier. The "Contact" is identified by the Premises ID record which is registered in a central database.

The Premises ID of registry is also required.

## **Shipment Identification:**

The Vehicle Identifier and the Shipment and Receipt Dates are transactional data elements which are needed for the tracking precision required by the system.

The identity of the vehicle of conveyance is used for animal health reasons.

The date and time that an animal was at a certain location or transported by a certain vehicle is required.

## **Comments:**

The CLIA system uses the terminology of Premises ID of Shipment Origin and Premises ID of Shipment Destination to refer to Ship from Location and Ship to Location identifiers. However since the Premises ID also serves the function of identifying the contact at each location its function is not identical to the function and definition of the Ship from Location and Ship to Location identifiers in the CFTDS v 1.0.

The comments made in Section 7.B. Canadian Pork Council (CPC), regarding the use of the GS1 Global Location Number (GLN) for an implementation of the CFTDS v 1.0 that uses the GS1 global standards for product, party and location identification also applies to the CLIA program."

In order to enable the seamless integration of the CFTDS v 1.0 mandatory data elements into the traceability requirements of the CLIA program the following gaps need to be resolved:

- The definition and function of the Ship from Location and Ship to Location identifiers in the CFTDS v 1.0 need to be expanded to include those of the Premises ID.
- The Ship from Location and Ship to Location identifiers need to be made mandatory data elements.
- The Vehicle identifier in the CFTDS v 1.0 needs to be made a mandatory data element.
- The definitions of the Receipt Date and Ship Date data elements in the CFTDS v 1.0 need to be expanded to include time.
- The Receipt Date and Ship Date data elements need to be made mandatory data elements.
- The use of the Premises ID to identify the location of registry must be accommodated.

The comments made in Section 7. B. Canadian Pork Council (CPC), regarding the use of the Shipment Identifier in the CFTDS v 1.0 to point to where the Ship from Location, Ship to Location, Receipt Date, Ship Date and Vehicle Identifier are stored (kept) applies to this program as well.



## 7. G. Packaging Association of Canada (PAC)

### Objectives:

To document the requirements should a product recall be needed. Adherence to standards and proper execution of activities will help minimize risk from possible defective harmful products that have entered the system. It will allow tracing and accounting for all identified defective products in a quick and efficient manner, managing communications in the event of a recall, and assisting outside agencies by having a predetermined plan and information gathering mechanisms. Recalls will be consistently managed when initiated by the customer, supplier, or converter.

### Functional Requirements:

Traceability is based on the one link up/one link down model of collecting, keeping and sharing traceability information.

Units are traced primarily for the purpose of identifying product for recall.

### Basic Elements of Traceability and Data Types:

#### Product Identification:

The Product Identifier is not a code but a detailed description, which is used on receiving & shipping logs to indicate specific identity criteria such as the material, form factor, weight and dimensions.

The Product Description refers to the generic product name or "type of material" which is used to describe the material on receiving logs, e.g. paper.

The Lot Number could be a production batch number or production date code.

#### Party/Location Identification:

The buyer is not necessarily identified. The receiver of the shipment can be identified by the Destination Name & Address (Ship to Location Identifier).

The vendor is not necessarily identified with a unique code. The vendor can be identified as the Supplier Name on the receiving log.

#### Shipment Identification:

The Vehicle Identifier and the Shipment and Receipt Dates are transactional data elements which are required by the program.

The identity of the vehicle of conveyance is used.

The date and time of a shipment or a reception is required.

#### Comments:

In order to enable the seamless integration of the CFTDS v 1.0 mandatory data elements into the traceability requirements of the PAC program the following gaps need to be resolved:

The Ship to Location identifier in the CFTDS v 1.0 needs to be made a mandatory data element.  
The Vehicle identifier in the CFTDS v 1.0 needs to be made a mandatory data element.  
The definition of the Ship Date data element in the CFTDS v 1.0 needs to be expanded to include time.  
The Ship Date data element needs to be made a mandatory data element.

This is another example of a program that requires the data elements that are included in a shipment document and not just the Shipment Identifier itself.

## **7. H. Canada Organic Initiative (COI)**

### **Objectives:**

Records that shall make it possible to trace:

- a. the origin, nature and quantities of organic products that have been delivered to the production unit;
- b. the nature, quantities and consignees of products that have left the production unit;
- c. any other information, such as the origin, nature and quantities of ingredients, additives and manufacturing aids delivered to the unit, and the composition of processed products, for the purposes of proper verification of the operations.

### **Functional Requirements:**

Traceability is based on the one link up/one link down model of collecting, keeping and sharing traceability information.

Units are traced primarily for the purpose of verifying the origin and identity of a product.

### **Basic Elements of Traceability and Data Types:**

#### **Product Identification:**

The Product is identified using the mandatory data elements in the CFTDS v 1.0.

#### **Party/Location Identification:**

The Parties and Locations are identified according to the mandatory data elements in the CFTDS v 1.0., with the exception that the Buyer does not have to be identified by a code. The use of Buyer's name is acceptable for audit purposes.

Every vendor/supplier is provided with a unique code assigned by a certification body.

The last responsible party to handle the product must also be identified (Producer, Preparer or Distributor ID), including their contact information.

The farm of origin must be identified.

The consignee for all shipments must be identified.

### **Comments:**

In order to enable the seamless integration of the CFTDS v 1.0 mandatory data elements into the traceability





requirements of the COI program the following gaps need to be resolved:

The Contact Information identifier in the CFTDS v 1.0 needs to be made a mandatory data element to accommodate identifying the last responsible party.

The Farm of Origin Identity must be accounted for.

The Consignee for all shipments must be must be accounted for (The consignee can be the Ship to Location Identifier in some cases.

The Ship Date data element needs to be made a mandatory data element.

## **7. I. Agri-Traçabilité Québec**

At the time of the writing of this report, the results of this survey had not yet been confirmed by the participant.

## **7. J. Canadian Food Inspection Agency – Food Safety Enhancement Program (FSEP)**

### **Objectives:**

Traceability is addressed in FSEP through the prerequisite program component of an establishment's HACCP system. Specifically, the Recall Program details an establishment's recall system and product code identification/distribution information. The objective of the recall program is to ensure establishments have the necessary recall team structure in place and sufficient information and details so that it can recall 100% of the affected product in a timely fashion should the need arise. An annual mock recall is utilized to ensure these objectives are met.

### **Functional Requirements:**

Traceability is based on the one link up/one link down model of collecting, keeping and sharing traceability information.

Units are traced for the purpose of recalling 100% of the affected product in a timely fashion.

### **Basic Elements of Traceability and Data Types:**

#### **Product Identification:**

The Product is identified using the mandatory data elements in the CFTDS v 1.0. In addition the FSEP requires that the Establishment Registration Number, which identifies the plant of production, must also appear on the product identification label, which is attached to the box.

The Country of Origin must also be identified on the label.

#### **Party/Location Identification:**

The Parties and Locations are identified according to the mandatory data elements in the CFTDS v 1.0., with the exception that the Supplier does not have to be identified by a code. The use of a Supplier's name is acceptable for recall purposes. The exception is where the Supplier is the plant of production. In this instance the Establishment Registration Number is used to identify the supplier.

The Establishment Registration Number is a federally registered number which is assigned by the Canadian Food

Inspection Agency. It also serves to identify the Ship from Location, when the shipper is the plant of production.

In addition to identifying the Buyer who purchased the product, the FSEP requires the shipper to maintain records which identify the Ship to Location (name, address, etc.) and the Buyer's Contact information.

### **Shipment Identification:**

The Shipping Company (Logistics Provider Identifier) and the Shipment and Receipt Dates are transactional data elements which are required by the program.

In addition the record of any code markings identifying the shipment (Shipping Container Serial Number) is also required.

### **Comments:**

The mandatory data elements of the CFTDS v 1.0 are all applicable in order to satisfy some but not all of the traceability requirements of the FSEP program. The FSEP program requires the use of the following data elements, which are optional in the CFTDS v 1.0:

- Logistics Provider Identifier
- Shipping Container Serial Number
- Shipment and Receipt Dates
- Contact Information
- Country of Origin
- Ship to Location and Ship from Location

The FSEP also requires one data element, the Establishment Registration Number, which is not included in either the mandatory or optional data elements in the CFTDS v 1.0.

The Establishment Registration Number is an important traceability requirement of the FSEP because it is a data element which must be visible on the label which identifies the product at the trade item (wholesale) level.

The Establishment Registration Number serves the traceability functions of both Party Identifier (Supplier) and Location Identifier (Plant of Production). The use of a location identifier to identify the plant of production is not explicitly included in the CFTDS v 1.0. However, it is implied in an implementation of the CFTDS v 1.0 that uses the GS1 Global Location Number (GLN) for party and location identification. When the GLN is used as the Supplier Identifier, the identification of the supplier location which produced the product is implied, because the GLN is unique to both the Supplier and the plant.

## **8. Conclusions and Recommendations:**

The CFTDS v 1.0 was developed as a one link up/one link down model of collecting, keeping and sharing traceability information, for purposes such as recall and complaints.

It defines a data dictionary that includes 24 data elements. Eight of these 24 data elements are mandatory. In order to provide traceability the CFTDS v 1.0 states that each partner in the supply chain needs to keep or share the mandatory data elements and, depending on requirements of their sector, may need to keep and share some of the optional data elements.





The survey results' gaps indicate that some programs do not use of all of the mandatory data elements in the CFTDS v 1.0, because the functional requirements and corresponding definitions of the data elements in the downstream supply chain do not accommodate the functional requirements and traceability functions of the data elements in the upstream value chain. However if the traceability functions (basic elements of traceability) of the mandatory data elements are examined and compared to the traceability functions needed to satisfy the functional requirements of the programs, then it can be said that all of the programs incorporate the basic elements of traceability that the mandatory data elements are intended to provide.

The survey results also indicate that some of the optional data elements are more relevant than the mandatory ones, even after the basic elements of traceability of the mandatory data elements are examined. This applies specifically to the livestock programs (CPC, CQM, EC and CLIA) that use a central database or registry to keep and share their traceability data.

The basic elements of traceability recognized in the CFTDS v 1.0, include Product, Party and Location Identification. Traceability (tracking and tracing) is achieved as follows:

- Fundamental to tracking and tracing a product for full chain traceability is that every food component harvested from farm or sea and through every stage of its transformation/packaging to a finished consumer product must be uniquely identified at each stage of transformation or possession and that these identifiers be linked.
- Assigning identifiers to a product, relating them to their predecessor, recording them and sharing them with supply chain partners is the essence of traceability. As products move or are transformed by different chain participants at different locations, new product, party and location identifiers are assigned and linked to their predecessors.

Author's Note: In the case of animal movement and bulk product identity preservation, the act of shipment can represent a stage of transformation/packaging as far as Product Identification and Product Location are concerned.

The eight existing mandatory data elements in the CFTDS v 1.0 are listed below with their intended Basic Elements of Traceability.

<b>Mandatory Data Element</b>	<b>Basic Element of Traceability</b>
Buyer Identifier	Party/Location
Lot Number	Product
Product Description	Product
Product Identifier	Product
Quantity	Product
Shipment Identifier	Party/Location/Shipment
Unit of Measure	Product
Vendor/Supplier Identifier	Party/Location

The author concludes that the reasons that the gaps exist are due to:

- The multiplicity of basic elements of traceability that some of the mandatory data elements are expected to satisfy. A mandatory data element should satisfy one basic element of traceability.
- The use of the Buyer Identifier to establish both the Receiving Party and the Receiving Location.
- The use of the definition of Buyer as opposed to Receiver. (A downstream supply chain perspective, which needlessly creates a gap since the responsible party is not necessarily the owner).
- The use of the Vendor/Supplier Identifier to establish both the Sending Party and the Sending Location.
- The use of the definition of Vendor/Supplier as opposed to Sender. (A downstream supply chain perspective, which needlessly creates a gap since the responsible party is not necessarily the owner).
- The use of only the Shipment Identifier and not also the shipment information that is kept (stored) in the shipment document (manual) or database record (electronic) that the Shipment Identifier points to. This shipment information includes the Vehicle Identifier, the Shipment Date, the Ship from Location and the Ship to Location. It should be noted that the Ship from Location and the Sending Location are the same data element and the Ship to Location and the Receiving Location are the same data element. The Receipt Date is collected by the Receiver and is usually kept with the Receiver's copy of the shipment document. In the case of a manual system this would be accomplished with a date receiving stamp. In the case of an electronic system it would be stored with the receiving database record.
- The use of the Vehicle Identifier as a temporary transactional Location Identifier by programs that track and trace animal movement and must preserve the identity of bulk product.
- The use of the Shipment Identifier as a Product Identifier by programs for upstream product that is shipped in bulk or for livestock that is moved as a group. The definition of Lot Number should be expanded to include the Shipment Identifier where applicable.
- The definition of Shipment Date and Receipt Date should each be expanded to include the ISO 8601 definition of date and time (YYYY-MM-DDThh:mm:ss).
- For some programs the Product Identifier and the Product Description do not provide a sufficient number of data elements to meet their functional requirements. It can be argued that all of the information can be combined as part of an expanded Product Description (e.g. including the Voucher Specimen and the Retention Sample ID in the CHSNHPC program). However since these data elements represent key elements of data, it would be preferable if they were collected, kept and shared as individual data elements. Providing for the use of one or two Program Definable Product Identifiers as Optional Data Elements should be considered.

The author recommends that if the seamless integration of the mandatory data elements into the traceability requirements of the programs is to be achieved, then the mandatory data elements must accommodate a more generic application of the basic elements of traceability and Shipment Identification must be recognized as a basic element of traceability on par with Product, Party and Location Identification.





The author recommends that if the seamless integration of the mandatory data elements into the traceability requirements of the programs is to be achieved, then the following mandatory data elements should be considered.

Mandatory Data Element	Basic Element of Traceability	Comments
Sender Identifier	Party	Change definition from Vendor
Receiver Identifier	Party	Change definition from Buyer
Ship To Location Identifier	Location	Move from optional
Ship From Location Identifier	Location	Move from optional
Lot Number	Product	Include use of Shipment ID
Product Description	Product	
Product Identifier	Product	
Quantity	Product	
Unit of Measure	Product	
Shipment Identifier	Shipment	Pointer to database or manually kept record(s) that contain all of the necessary shipment data

Since not all programs require the use of the Vehicle Identifier, Shipment Date and Receipt Date, then these data elements should remain as Optional Data Elements, which an individual program may deem to be mandatory in order to satisfy its functional requirements.

The definitions of the Shipment Date and Receipt Date can be expanded to include time as per the ISO 8601 definition.

One or two Program Definable Product Identifier(s) can be added as Optional Data Elements, which an individual program may deem to be mandatory in order to satisfy its functional requirements.

Where a program uses a central database, the Can-Trace Standard's Data Attribute Definitions should recognize that the Party and Location Identifiers also serve the traceability function of being pointers to database records that contain other required data such as contact information. This is similar to an implementation of the CFTDS v 1.0 that uses the GS1 global standards for party and location identification. In this case, the GLN (Global Location Number) is used as a pointer to a central database record that contains all of the contact information associated with the GLN.

Where a livestock program uses a unique animal identifier as a Product Identifier then the Can-Trace Standard's Data Attribute Definitions should recognize that the Product Identifier also serves the traceability function of being a pointer to a database record that contains other required information. This example is similar to how the downstream supply chain uses the Global Trade Item Number (GTIN) as a unique product identifier to synchronize product attribute data using ECCnet Registry, Canada's national product registry, which is provided by GS1 Canada.

In summary the mandatory data elements in the Can-Trace standard should be as generic as possible so that the different data definitions used by individual sectors do not create an impediment to the seamless integration of

the standard. The Can-Trace standard should endeavor as much as possible to use terms and definitions which reflect only the basic elements of traceability and should only include the minimum number of mandatory identifiers that are required in common across all sectors. The Can-Trace data dictionary, including both its mandatory and optional data elements, should be a “master set” of traceability data elements from which each sector can select data elements to build its own unique subset.

As an added comment, food safety or food quality attributes such as Animal Age should not be included in the Can-Trace Data Dictionary, since they are not basic elements of traceability.

**Comment Regarding the FSEP:**

The FSEP Establishment Registration Number indicates that a data element, which explicitly identifies the “Production Location”, may need to be included in the Can-Trace Data Dictionary.





## **Appendix A: Summary of the Canadian Food Traceability Data Standard Version 1.0**

### **Important Definitions**

#### **What is traceability?**

Can-Trace uses the ISO definition of traceability.

*Traceability is the ability to trace the history, application or location of that which is under consideration.*

For additional clarity, Can-Trace further defines traceability as being made up of two components: *tracking and tracing*.

#### **What is tracking?**

Tracking is the capability to follow the path of a specified unit and/or lot of trade items downstream through the supply chain as it moves between trading partners. Trade items are tracked routinely for availability, inventory management and logistical purposes. In the context of this standard, the focus is on tracking items from the point of origin to the point of use.

#### **What is tracing?**

Tracing is the capability to identify the origin of a particular unit located within the supply chain by reference to records held upstream in the supply chain. Units are traced for purposes such as recall and complaints.

Each partner in the supply chain needs to keep or share the mandatory elements and, depending on requirements of their sector, may need to keep and share some of the optional elements.

### **Basic elements of traceability**

#### **Product, Party and Location Identification**

Fundamental to tracking and tracing a product for full chain traceability is that every food component harvested from farm or sea and through every stage of its transformation/packaging to a finished consumer product must be uniquely identified at each stage of transformation or possession and that these identifiers be linked.

*Assigning identifiers to a product, relating them to their predecessor, recording them and sharing them with supply chain partners is the essence of traceability. As products move or are transformed by different chain participants at different locations, new product, party and location identifiers are assigned and linked to their predecessors.*

There are many ways to assign, record and store identifiers. The Can-Trace standard provides for the use of GS1 global standards for product, party and location identification. This standard applies to all activities from farm or sea to back door of retail or foodservice establishments.

It is recognized that there are existing investments in individual animal, group, herd or flock identification systems such as the Canadian Cattle Identification Agency. These animal identifiers can be linked to the GS1 identifiers in the rest of the supply chain.

## **Linking of Information**

To ensure the continuity of the flow of traceability information, each partner must pass on information about the identified lot or product group to the next partner in the production chain.

It is imperative that the links between the lots and the logistical units (resulting from a product transformation) are recorded. Within a company, the control of all these links and accurate record keeping make it possible to connect what has been received and what has been produced and/or shipped.

If one of the stakeholders in the chain fails to manage these links the result is a loss of traceability.

## **Recording of Information**

Effective traceability requires standardizing the information that needs to be recorded through each step of the food production and distribution chain.

The end result is standardized data representing all of the information necessary to collect, keep and share in order to effectively track and trace. The Can-Trace Standard data represents generic information common to all commodities.

The Can-Trace Standard defines the data requirements; it does not define how this standard should be implemented.

## **Can-Trace Data Standard**

### **Data Types:**

There are two types of data required for traceability: Master and Transactional data.

**Master** data is information that seldom changes. Master data applies to product, party and location information. It includes information such as product description, buyer identifier, location etc.

**Transactional** data is data that is unique to each individual transaction. Examples include lot number, shipment identifier and shipment date.

### **Data Usage:**

As the name implies, mandatory data refers to the information that all supply chain partners are obliged to collect, keep, or share. Optional data are additional pieces of information that are useful but not essential.





**Mandatory Data Elements:**

<b>No</b>	<b>Data Attribute Name</b>	<b>Data Attribute Definition</b>
3	Buyer Identifier	A number or code that uniquely represents the party purchasing the product.
9	Lot Number	A number or code assigned to uniquely represent a batch or group of inputs, products, and/or outputs. The Number is generally assigned by the company or individual creating the goods.
10	Product Description	A description of the product without any pre-defined format.
11	Product Identifier	<p>A number or code that uniquely represents a commercial trade item.</p> <p>For Farm product: the product identifier uniquely distinguishes individual units of production (eg. animal, bin, catch, flock).</p> <p>For processed or finished goods: the product identifier represents a seller's retail trade item (or product); or non-retail trade item (such as the case or master carton).</p>
12	Quantity	Count, net weight, or net volume of product (trade item) identified. (For a list of some common unit of measure codes, see Appendix G)
17	Shipment Identifier	A number or code that uniquely distinguishes a shipment of product. May be linked to a lot number.
20	Unit of Measure	<p>Description of the units in which a quantity is being expressed.</p> <p>Note: Where this measure is used to describe weight, volume or count, a "net" value is applied. The term Net is taken to mean the product exclusive of its container or packaging.</p> <p>Please refer to Appendix G for a list of common Unit of Measure codes.</p>
23	Vendor/Supplier Identifier	A number or code that uniquely represents the party selling the product.

**Optional Data Elements:**

No	Data Attribute Name	Data Attribute Definition
1	Animal Age	The birth date of the animal.
2	Best Before Date	Product is the freshest to this date.
4	Buyer Name	The name of the party purchasing the product
5	Contact Information	The company contact information
6	Country of Origin, Province or State	<p>The country in which the goods have been packed, processed, or manufactured. Where required includes Province or State.</p> <p>Please refer to Appendix F for a list of ISO codes.</p>
7	Date of Pack/Catch/Retirement	The date that the product was packed, in the case of fish the date caught, or in the case of livestock with an identification tag, the retirement (slaughter) date of the tag.
8	Logistics Provider Identifier	A number or code that uniquely represents a transporter, carrier, or other 3rd party logistics provider.
13	Receipt Date	Date that the shipment is received at its destination.
14	Ship Date	The date that goods were sent.

No	Data Attribute Name	Data Attribute Definition
15	Ship From Location Identifier	A number or code that uniquely identifies origin of the shipment. This location may be a premises, or a specific company location such as a manufacturing plant.
16	Ship To Location Identifier	A number or code that represents destination of a shipment, which may be a premises or a specific company location.
18	Shipping Container Serial Number	A seller-assigned number that uniquely represents a logistic unit (eg. case or pallet).
19	Supplier License Number	Commercial License issued to a fishing boat or vessel.
21	Unit of Trade	The logistic unit of weight of the product. This is the net weight.
22	Vehicle Identifier	A number or code that uniquely represents a vehicle or a vessel transporting goods.
24	Vendor/Supplier Name	The name of the party selling the goods.

#### Traceability Functions:

No	Data Attribute Name	Traceability Function	Basic Element of Traceability
1	Animal Age	A food safety and quality attribute. E.g. Used for Bovine Encephalopathy (BSE), also called mad cow disease.	
2	Best Before Date	A food safety/food quality attribute which is sometimes used as the lot number to identify product in the event of a recall or food safety issue.	Product
3	Buyer Identifier	Used to identify the responsible party (owner and/or receiver) to contact in the event of a recall, food safety or animal health issue.	Party/Location
4	Buyer Name	Used to identify the responsible party (owner and/or receiver) to contact in the event of a recall, food safety or animal health issue.	Party

<b>5</b>	Contact Information	Name of the individual(s) to contact in the event of a recall, food safety or animal health issue and their co-ordinates.	Party
<b>6</b>	Country of Origin, Province or State	Used for market access where the country of origin is a regulatory issue.	
<b>7</b>	Date of Pack/Catch/Retirement	A food safety/food quality attribute which is sometimes used as the lot number to identify product in the event of a recall or food safety issue.	Product
<b>8</b>	Logistics Provider Identifier	Used to identify the responsible party who handles the goods on behalf of the buyer, seller or both. Generally the sender, receiver or transporter.	Party/Location
<b>9</b>	Lot Number	A unique ID which appears on boxes or labels and is used to track and locate product in the event of a recall or food safety issue.	Product
<b>10</b>	Product Description	Used for product identification as a marking on the box or label. May also be used on pallet labels.	Product
<b>11</b>	Product Identifier	Used for product identification on the box or label. May also be used for product identification on a pallet label. For livestock producers can be the Canadian Livestock Identification Agency animal identification number. For packaged goods, can be the GS1 Global Item Trade Number (GTIN).	Product
<b>12</b>	Quantity	Used to verify that all affected product can be accounted for in the event of a recall or food safety issue.	Product
<b>13</b>	Receipt Date	May be used to find the existing location of product during a recall or food safety issue.	Location
<b>14</b>	Ship Date	May be used to find the existing location of product during a recall or food safety issue.	Location

15	Ship From Location Identifier	<p>Used to identify the premises or location that product is shipped from in order to establish movement history and product location in the event of a recall, food safety or animal health issue.</p> <p>For livestock producers can be the premises ID. In the GS1 System, it can be the Global Location Number (GLN).</p>	Location
16	Ship To Location Identifier	<p>Used to identify the premises or location that product is shipped to in order to establish movement history and product location in the event of a recall, food safety or animal health issue.</p> <p>For livestock producers can be the premises ID. In the GS1 System, it can be the Global Location Number (GLN).</p>	Location
17	Shipment Identifier	<p>Used to establish product movement between links in the supply chain, identify the responsible party (ownership, sender, transporter, receiver) &amp; the contact in event of a recall, food safety or animal health issue, and to determine the existing location of the product or animal.</p>	Party/Location
18	Shipping Container Serial Number	<p>GS1 Serial Shipping Container Code (SSCC) - Used to identify unique pallets of product shipped between trading partners.</p>	Product
19	Supplier License Number	<p>Used to identify the vehicle of conveyance, and the location of product during transit as well as the responsible party, in the event of a recall or food safety issue.</p>	Party/Location
20	Unit of Measure	<p>Used to verify that all affected product can be accounted for in the event of a recall or food safety issue.</p>	Product
21	Unit of Trade	<p>Used for product identification as a marking on the box or label and/or to verify that all affected product can be accounted for in the event of a recall or food safety issue.</p>	Product

<b>22</b>	Vehicle Identifier	Used to identify the vehicle of conveyance, and the location of product during transit as well as the responsible party, in event of a recall, food safety or animal health issue.	Party/Location
<b>23</b>	Vendor/Supplier Identifier	Used to identify the responsible party (owner and/or sender) to contact in the event of a recall, food safety or animal health issue.	Party
<b>24</b>	Vendor/Supplier Name	Used to identify the responsible party (owner and/or sender) to contact in the event of a recall, food safety or animal health issue.	Party





# Appendix B: Survey Questionnaire



## Can-Trace Integration Working Group

Program Information

### Comparison Survey of Mandatory Traceability Data Elements

**Program Name:**  
**Program Representative:**  
**Date (dd-Mon-yy):**

**Instructions:** The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.

- 1 Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
- 2 Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
- 3 Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

### Program Traceability Objectives:

#### Set 1 Identify the use of the Can-Trace mandatory data elements in the program

	Y	N	Terminology & Functions Comments
1.1.1 Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	
1.1.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	
1.1.3 Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	
1.2.1 Is the Can-Trace data element no. 9, "Lot Number" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	
1.2.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	
1.2.3 Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	
1.3.1 Is the Can-Trace data element no. 10, "Product Description" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	
1.3.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	
1.3.3 Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	
1.4.1 Is the Can-Trace data element no. 11, "Product Identifier" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	
1.4.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	
1.4.3 Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	
1.5.1 Is the Can-Trace data element no. 12, "Quantity" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	
1.5.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	
1.5.3 Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	



**Can-Trace Integration Working Group**

**Program Information**

1.6.1	Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>
1.6.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
1.6.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
1.7.1	Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>
1.7.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
1.7.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
1.8.1	Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>
1.8.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
1.8.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>

**Set 2 Identify the use of program data elements which are not mandatory in Can-Trace**

**Terminology & Functions Comments**

		Y	N
2.1.	Does the program data element:		
2.1.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.1.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.1.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.1.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
2.2.	Does the program data element:		
2.2.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.2.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.2.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.2.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
2.3.	Does the program data element:		
2.3.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.3.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.3.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.3.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
2.4.	Does the program data element:		
2.4.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.4.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.4.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.4.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>



2.5.	Does the program data element:	<input type="checkbox"/>	<input type="checkbox"/>
2.5.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.5.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.5.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.5.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
2.6.	Does the program data element:	<input type="checkbox"/>	<input type="checkbox"/>
2.6.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.6.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.6.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.6.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
2.7.	Does the program data element:	<input type="checkbox"/>	<input type="checkbox"/>
2.7.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.7.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.7.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.7.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
2.8.	Does the program data element:	<input type="checkbox"/>	<input type="checkbox"/>
2.8.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.8.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.8.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.8.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
2.9.	Does the program data element:	<input type="checkbox"/>	<input type="checkbox"/>
2.9.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.9.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.9.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.9.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>
2.10.	Does the program data element:	<input type="checkbox"/>	<input type="checkbox"/>
2.10.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>
2.10.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>
2.10.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>
2.10.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>

# Appendix C: Survey Results

## Can-Trace Integration Working Group

Program Information

### Comparison Survey of Mandatory Traceability Data Elements

Program Name: Canadian Identity Preservation Recognition System  
 Program Representative: Jo-Anne Sutherland  
 Date (dd-Mon-yy): 18-Nov-05

**Instructions:** The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.

- 1 Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
- 2 Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
- 3 Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

#### Program Traceability Objectives:

The CIPRS standard is process not data oriented. The standard describes the QMS process control records (i.e. data) to be collected and stored for retrieval. The standard is not prescriptive, but does require traceability and audits to ensure that traceability is in place within the company's scope of operation.

#### Set 1 Identify the use of the Can-Trace mandatory data elements in the program

	Y	N	Terminology & Functions Comments
1.1.1 Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could be a customer number or buyer name.
1.1.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The buyer could be identified by the contract number.
1.1.3 Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.1 Is the Can-Trace data element no. 9, "Lot Number" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In addition to the traditional supply chain use of a lot number the product must also be traced back to the individually identified field.
1.2.2 Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.3 Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3.1 Is the Can-Trace data element no. 10, "Product Description" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The product description could also include the seed variety as well as additional characteristics.
1.3.2 Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



1.3.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.4.1	Is the Can-Trace data element no. 11, "Product Identifier" required by the program?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	In storage, the product may be identified by a bin number, in conjunction with the product description. In transport the product may be identified by a container seal number or a vehicle (rail car or vessel id), in conjunction with the product description. (See 2.1 & 2.2)
1.4.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.4.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.1	Is the Can-Trace data element no. 12, "Quantity" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6.1	Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.7.1	Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.7.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.7.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.8.1	Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The supplier could be identified by the grower contract number.
1.8.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.8.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**Set 2 Identify the use of program data elements which are not mandatory in Can-Trace**

		Y	N	Terminology & Functions Comments
2.1.				Vehicle Identifier
2.1.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could be a rail car or vessel number for bulk shipments. Vessels could also require a hold number.
2.1.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.1.3	Does the program use the Can-Trace terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.1.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle Identifier - element number 22
2.2.				Shipping Container Seal Number
2.2.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shipping Container Serial Number - element number 18
2.2.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.2.3	Does the program use the Can-Trace terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.2.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Identifies the shipping container



Can-Trace Integration Working Group

Program Information

Comparison Survey of Mandatory Traceability Data Elements

Program Name: Canadian Pork Council  
 Program Representative: François Bédard  
 Date (dd-Mon-yy): 15-Nov-05

Instructions: The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.

- Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
- Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
- Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

Program Traceability Objectives: The CPC is developing a traceability system to track swine movement from birth to slaughter. The purposes of the system are to: 1. Minimize the impact of a food safety crisis or a foreign or domestic animal disease outbreak. 2. Reinforce our domestic and export market access. 3. Improve competitiveness.

Set 1	Identify the use of the Can-Trace mandatory data elements in the program	Y	N	Terminology & Functions Comments
1.1.1	Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	In the CPC system the identifier of interest is the location (premise) to which the animal is shipped. This is due to the fact that the industry has vertically integrated systems and an animal can be shipped from one location to another, with no change in ownership. The "Contact" is identified by the premise ID record which is registered in a central database.
1.1.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.1.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

1.2.1	<p>Is the Can-Trace data element no. 9, "Lot Number" required by the program?</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>A group of animals that is moved together from one premise to another premise share a number which identifies the group. This number is registered in a central database. However in most cases there is no physical identifier of this group that is placed on the animals themselves. The exception would be a slap shoulder tattoo which is placed on animals sent to slaughter. See Shipment Identifier</p>
1.2.2	<p>Does the program use the same terminology (data name or description)?</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
1.2.3	<p>Does the program use the same traceability function?</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>Used as a movement identifier to reconcile the movement of a group of animals from one premise to another. Unlike a processor's lot number where each unit that belongs to the lot shares the same production attributes, an animal will belong to a different group number each time that it is moved.</p>
1.3.1	<p>Is the Can-Trace data element no. 10, "Product Description" required by the program?</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>In the CPC system this is more of a class of animal than a product description. e.g. weener, market hog, etc.</p>
1.3.2	<p>Does the program use the same terminology (data name or description)?</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
1.3.3	<p>Does the program use the same traceability function?</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
1.4.1	<p>Is the Can-Trace data element no. 11, "Product Identifier" required by the program?</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p> <p>Animal Identification is used to uniquely identify an individual animal for specific movements, such as co-mingling of animals where the final destination or next destination is unknown e.g. auction, show, test station, etc.</p>
1.4.2	<p>Does the program use the same terminology (data name or description)?</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>
1.4.3	<p>Does the program use the same traceability function?</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p> <p>Yes but only for certain types of animal movement, where the destination premise is not known at the time of shipment.</p>
1.5.1	<p>Is the Can-Trace data element no. 12, "Quantity" required by the program?</p> <p><input type="checkbox"/> <input type="checkbox"/></p>
1.5.2	<p>Does the program use the same terminology (data name or description)?</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>
1.5.3	<p>Does the program use the same traceability function?</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>
1.6.1	<p>Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p> <p>The shipment identifier is used to identify a group of animals that are moved together, at the same time, on the same vehicle of conveyance, from one Premise ID to another Premise ID.</p>
1.6.2	<p>Does the program use the same terminology (data name or description)?</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
1.6.3	<p>Does the program use the same traceability function?</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
1.7.1	<p>Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>

1.7.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
1.7.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
1.8.1	Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		In the CPC system the identifier of interest is the location (premise) from which the animal is shipped. This is due to the fact that the industry has vertically integrated systems and an animal can be shipped from one location to another, with no change in ownership. The "Contact" is identified by the premise ID record which is registered in a central database.
1.8.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
1.8.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

**Set 2 Identify the use of program data elements which are not mandatory in Can-Trace**

		Y	N	Terminology & Functions	Comments
2.1.	Does the program data element:				
2.1.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Conveyance Identifier
2.1.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Vehicle Identifier - element number 22
2.1.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Must be the license plate of the trailer.
2.1.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.2.	Does the program data element:				
2.2.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Date of Shipment
2.2.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Ship Date - element number 14
2.2.3	Does the program use the Can-Trace terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.2.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.3.	Does the program data element:				
2.3.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Date of Receipt
2.3.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Receipt Date - element number 13
2.3.3	Does the program use the Can-Trace terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.3.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.4.	Does the program data element:				
2.4.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Time of Shipment
2.4.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.4.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.4.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.5.	Does the program data element:				
2.5.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Time of Receipt
2.5.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.5.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.5.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		



- |  |   |   |
|--|---|---|
| <p>2.6.1 Exist in the Can-Trace Data Dictionary ?</p> <p>2.6.2 Is it a Can-Trace mandatory data element ?</p> <p>2.6.3 Does the program use the Can-Trace terminology (data name or description)?</p> <p>2.6.4 Does the program use the Can-Trace traceability function?</p> | <p>Does the program data element:</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>            | <p>Premise ID of Shipment Origin</p> <p>Ship From Location Identifier - element number 15</p> <p>Unique number assigned to each premise that is stored in a central registry (CLIA).</p>    |
| <p>2.7.1 Exist in the Can-Trace Data Dictionary ?</p> <p>2.7.2 Is it a Can-Trace mandatory data element ?</p> <p>2.7.3 Does the program use the Can-Trace terminology (data name or description)?</p> <p>2.7.4 Does the program use the Can-Trace traceability function?</p> | <p>Does the program data element:</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/></p> | <p>Premise ID of Shipment Destination</p> <p>Ship To Location Identifier - element number 16</p> <p>Unique number assigned to each premise that is stored in a central registry (CLIA).</p> |



Can-Trace Integration Working Group

Program Information

Comparison Survey of Mandatory Traceability Data Elements

**Program Name:** Dairy Farmers of Canada Canadian Quality Milk Program  
**Program Representative:** Nicole Silett  
**Date (dd-Mon-yy):** 23-Nov-05

**Instructions:** The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.

- 1 Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
- 2 Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
- 3 Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

**Program Traceability Objectives:**

The CQM requires traceability in accordance with ATQ regulations in Quebec and in accordance with CCIA regulations in the rest of Canada. In addition the CQM requires the unique identification of each animal on the farm for the purpose of recording each animal's treatment history. It should be noted that the answers to the survey questions reflect the minimum requirements of the CCIA regulations and not those of the ATQ. If the gaps were to be identified in comparison with the ATQ regulations then the responses to the survey questions would be different.

Set 1	Identify the use of the Can-Trace mandatory data elements in the program	Y	N	Terminology & Functions Comments
1.1.1	Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.1.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.1.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.2.1	Is the Can-Trace data element no. 9, "Lot Number" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.2.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.2.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.3.1	Is the Can-Trace data element no. 10, "Product Description" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.3.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.3.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

1.4.1	Is the Can-Trace data element no. 11, "Product Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
1.4.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>							Animal identification number. Note in the CQM program this could be the producer's tag or ID, since the CCIA regulations only require the animal to be identified before it leaves the farm of origin.
1.4.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>							CCIA & unique producer tag or ID
1.5.1	Is the Can-Trace data element no. 12, "Quantity" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>							Head count is required (by default 1 per unit)
1.5.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
1.5.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
1.6.1	Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
1.6.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
1.6.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
1.7.1	Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
1.7.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
1.7.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
1.8.1	Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
1.8.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
1.8.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							For the purpose of identifying the farm of origin, not the transfer of ownership.

Set 2 Identify the use of program data elements which are not mandatory in Can-Trace										
		Y	N	Terminology & Functions Comments						
2.1.	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Farm of Origin Contact Information						
2.1.1	Is it a Can-Trace mandatory data element ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contact information - element number 5						
2.1.2	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
2.1.3	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>							
2.1.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>							



**Can-Trace Integration Working Group**

**Program Information**

**Comparison Survey of Mandatory Traceability Data Elements**

**Program Name:** Equine Canada  
**Program Representative:** Vel Evans  
**Date (dd-Mon-yy):** 15-Nov-05

**Instructions:** The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.

- 1 Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
- 2 Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
- 3 Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

**Program Traceability Objectives:**

To support the economic sustainability of the Canadian Equine sector with a national equine identification and tracking system that: 1. Minimizes the risk & impact of contagious disease outbreaks either for animal health or human health. 2. Meets international standards for equine ID & movement tracking as required to ensure continued international movement for Canadian horses for sport breeding & recreation. 3. Provides the reporting infrastructure to record health status at the time of slaughter affecting meat quality & safety for horses as food animals as required by current & future regulations.

Set 1 Identify the use of the Can-Trace mandatory data elements in the program	Y	N	Terminology & Functions Comments
1.1.1 Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.1.2 Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.1.3 Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.1 Is the Can-Trace data element no. 9, "Lot Number" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Only unique individual ID will be used for horses
1.2.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.2.3 Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

1.3.1	Is the Can-Trace data element no. 10, "Product Description" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.3.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.3.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.4.1	Is the Can-Trace data element no. 11, "Product Identifier" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UELN - Unique Equine Life Number
1.4.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.4.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5.1	Is the Can-Trace data element no. 12, "Quantity" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.6.1	Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Where there is a mandatory transport manifest required, this will be considered to be the Shipment Identifier.
1.6.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.6.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7.1	Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.8.1	Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.8.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.8.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Set 2 Identify the use of program data elements which are not mandatory in Can-Trace		Y	N	Terminology & Functions Comments
2.1.	Does the program data element:	<input type="checkbox"/>	<input type="checkbox"/>	Conveyance Identifier
2.1.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>	Vehicle Identifier - element number 22
2.1.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>	Must be the license plate of the trailer.
2.1.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	
2.1.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	
2.2.	Does the program data element:	<input type="checkbox"/>	<input type="checkbox"/>	Date of Shipment
2.2.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>	Ship Date - element number 14
2.2.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>	
2.2.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	
2.2.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	
2.3.	Does the program data element:	<input type="checkbox"/>	<input type="checkbox"/>	Date of Receipt
2.3.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input type="checkbox"/>	Receipt Date - element number 13
2.3.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>	

2.3.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>		
2.3.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
2.4.	Does the program data element:			Time of Shipment	
2.4.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
2.4.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input type="checkbox"/>		
2.4.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>		
2.4.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>		
2.5.	Does the program data element:			Time of Receipt	
2.5.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.5.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.5.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>		
2.5.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>		
2.6.	Does the program data element:			Premise ID of Shipment Origin	
2.6.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Ship From Location Identifier - element number 15
2.6.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.6.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>		
2.6.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Unique number assigned to each premise that is stored in a central registry (CLIA).
2.7.	Does the program data element:			Premise ID of Shipment Destination	
2.7.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Ship From Location Identifier - element number 16
2.7.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.7.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>		
2.7.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Unique number assigned to each premise that is stored in a central registry (CLIA).
2.8.	Does the program data element:			Registry Organization No. & Supplemental No. if req'd.	
2.8.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Database of Record. Identifies the database agent.
2.8.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.8.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>		The Equine Canada system is part of a 3 tier system. Equine Canada's database is an agent to the CLIA's database and in turn has database agents to its own database.
2.8.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.9.	Does the program data element:			Date of Birth	
2.9.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Animal Age - element number 1
2.9.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.9.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>		



2.9.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	
2.10.				Year of Birth
2.10.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.10.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.10.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.10.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.11.				Name & UELN of the Dam
2.11.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.11.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.11.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.11.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.12.				Name & UELN of Sire
2.12.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.12.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.12.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.12.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.13.				Set of Premise ID's: Birth, Residence, Activity
2.13.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.13.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.13.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.13.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.14.				Pedigree Name & Competition Name if different
2.14.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.14.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.14.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.14.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.15.				Gender
2.15.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.15.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.15.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.15.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.16.				Visual Description Model - 17 separate fields to cover colours & markings of horse, date of ID & person making the ID
2.16.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.16.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

- 2.16.3 Does the program use the Can-Trace terminology (data name or description)?
- 2.16.4 Does the program use the Can-Trace traceability function?
- 2.17. Does the program data element: **Microchip or Device Number**
- 2.17.1 Exist in the Can-Trace Data Dictionary?
- 2.17.2 Is it a Can-Trace mandatory data element?
- 2.17.3 Does the program use the Can-Trace terminology (data name or description)?
- 2.17.4 Does the program use the Can-Trace traceability function?
- 2.18. Does the program data element: **Drug Application History Data Elements**
- 2.18.1 Exist in the Can-Trace Data Dictionary?
- 2.18.2 Is it a Can-Trace mandatory data element?
- 2.18.3 Does the program use the Can-Trace terminology (data name or description)?
- 2.18.4 Does the program use the Can-Trace traceability function?
- 2.19. Does the program data element: **Disposal Data Elements**
- 2.19.1 Exist in the Can-Trace Data Dictionary?
- 2.19.2 Is it a Can-Trace mandatory data element?
- 2.19.3 Does the program use the Can-Trace terminology (data name or description)?
- 2.19.4 Does the program use the Can-Trace traceability function?
- Relates to "retiring" a life-time record for a horse including reporting export of the animal, means of death (slaughter, euthanization, natural causes) and method of carcass disposal, with related date information.





## Can-Trace Integration Working Group

Program Information

### Comparison Survey of Mandatory Traceability Data Elements

**Program Name:**  
**Program Representative:**  
**Date (dd-Mon-yy):**

Canadian Herb, Spice & Natural Health Product Coalition  
Connie Kehler  
18-Oct-05

**Instructions:** The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.

- 1 Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
- 2 Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
- 3 Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

#### Program Traceability Objectives:

Use traceability for identity and contaminant identification, risk management and limit of liability

#### Set 1 Identify the use of the Can-Trace mandatory data elements in the program

Y N Terminology & Functions Comments

1.1.1	Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.1.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Receiver of the goods, not necessarily a transfer of ownership
1.1.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.1	Is the Can-Trace data element no. 9, "Lot Number" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3.1	Is the Can-Trace data element no. 10, "Product Description" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The product is described by its scientific name (genus & species) and common name, as they appear on the Certificate of Authenticity/Identity
1.3.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Information is required to be kept and must be linked to the lot or batch, but may not always be marked on the container or the box
1.3.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



1.4.1	Is the Can-Trace data element no. 11, "Product Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	At the primary producer level the lot number serves as the identifier. The information kept with this lot number identifies the product. E.g. Field & date of harvest, sample ID, etc.
1.4.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.4.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.5.1	Is the Can-Trace data element no. 12, "Quantity" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.6.1	Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The lot number is used for this purpose
1.6.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.6.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7.1	Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.8.1	Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sender of the goods, not necessarily a transfer of
1.8.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.8.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**Set 2 Identify the use of program data elements which are not mandatory in Can-Trace**

		Y	N	Terminology & Functions	Comments
2.1.	Does the program data element:				
2.1.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Voucher Specimen
2.1.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.1.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Visual physical representation of the product (press or photo of plant)
2.1.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Used for plant identification
2.2.	Does the program data element:				
2.2.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Retention Sample
2.2.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.2.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		A representative sample of a lot, batch, or shipment of a herb that is retained by the supplier when the lot, batch, or shipment is sold up the supply chain
2.2.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Used for plant and contaminant identification & risk management





## Can-Trace Integration Working Group

Program Information

### Comparison Survey of Mandatory Traceability Data Elements

**Program Name:** Canadian Livestock Identification Agency  
**Program Representative:** Michael Dexter  
**Date (dd-Mon-yy):** November 17, 2005

**Instructions:** The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.

- Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
- Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
- Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

#### Program Traceability Objectives:

- The objective(s) of the Corporation are:
  - To provide for the development, administration and maintenance of a national multi-species database for livestock identification, traceability and livestock premises identification
  - To develop national standards and minimum criteria for multi-species identification and traceability for species in Canada
  - To provide a platform (forum) for discussions and policy development on livestock identification and traceability for animal health emergency management and food safety
- The corporation has been formed for the purpose of performing agreed upon services for and on behalf of the members of the Corporation. Without restricting the generality of the foregoing one of the services to be provided by the Corporation is the development, maintenance, administration and management of the national multi-species database system used by the Livestock Industry Members for shared data, meeting minimum standards and criteria, common to all species.
- With the exception of the national multi-species database system of shared data, the Livestock Industry Members of the Corporation are responsible for developing and

#### Set 1 Identify the use of the Can-Trace mandatory data elements in the program

	Y	N	Terminology & Functions Comments
1.1.1 Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.1.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.1.3 Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Indirectly - the premises receiving the animals must be identified
1.2.1 Is the Can-Trace data element no. 9, "Lot Number" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.2.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.2.3 Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



- 1.3.1 Is the Can-Trace data element no. 10, "Product Description" required by the program?    In the national system the species will be identified but this will be automatic - each species will have their own system which will feed into the national repository.
- 1.3.2 Does the program use the same terminology (data name or description)?
- 1.3.3 Does the program use the same traceability function?
- 1.4.1 Is the Can-Trace data element no. 11, "Product Identifier" required by the program?  Individual animal (or group) identification
- 1.4.2 Does the program use the same terminology (data name or description)?   Animal or group ID
- 1.4.3 Does the program use the same traceability function?
- 1.5.1 Is the Can-Trace data element no. 12, "Quantity" required by the program?   By default with individual id - each animal is reported. With groups the number of animals in the group is required.
- 1.5.2 Does the program use the same terminology (data name or description)?   "Number of animals"
- 1.5.3 Does the program use the same traceability function?   Yes, but only specified with groups
- 1.6.1 Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?   Group identity or group number
- 1.6.2 Does the program use the same terminology (data name or description)?
- 1.6.3 Does the program use the same traceability function?
- 1.7.1 Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?
- 1.7.2 Does the program use the same terminology (data name or description)?
- 1.7.3 Does the program use the same traceability function?
- 1.8.1 Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?   Producer ID number is required for some species. Premises ID is required for all movement reporting and the premises repository includes contact information for the premises; not necessarily the owner of the animals
- 1.8.2 Does the program use the same terminology (data name or description)?
- 1.8.3 Does the program use the same traceability function?

**Set 2 Identify the use of program data elements which are not mandatory in Can-Trace** Y N Terminology & Functions Comments

- 2.1. Does the program data element:   Contact - Premises contact info required when registering a livestock premises
- 2.1.1 Exist in the Can-Trace Data Dictionary ?
- 2.1.2 Is it a Can-Trace mandatory data element ?
- 2.1.3 Does the program use the Can-Trace terminology (data name or description)?
- 2.1.4 Does the program use the Can-Trace traceability function?
- 2.2. Does the program data element:   Conveyance number
- 2.2.1 Exist in the Can-Trace Data Dictionary ?   22. Vehicle identifier
- 2.2.2 Is it a Can-Trace mandatory data element ?
- 2.2.3 Does the program use the Can-Trace terminology (data name or description)?
- 2.2.4 Does the program use the Can-Trace traceability function?
- 2.3. Does the program data element:   Date of shipment
- 2.3.1 Exist in the Can-Trace Data Dictionary ?   14. Ship date
- 2.3.2 Is it a Can-Trace mandatory data element ?
- 2.3.3 Does the program use the Can-Trace terminology (data name or description)?
- 2.3.4 Does the program use the Can-Trace traceability function?
- 2.4. Does the program data element:   Date of receipt



2.4.	Exist in the Can-Trace Data Dictionary ?				Date of receipt
2.4.1	Is it a Can-Trace mandatory data element ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	13. Receipt date
2.4.2	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.4.3	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.4.4		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.5.	Exist in the Can-Trace Data Dictionary ?				Premise ID of shipment origin
2.5.1	Is it a Can-Trace mandatory data element ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	15. Ship from location identifier
2.5.2	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.5.3	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CLIA Premises registry ID
2.5.4		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.6.	Exist in the Can-Trace Data Dictionary ?				Premise ID of shipment Destination
2.6.1	Is it a Can-Trace mandatory data element ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	15. Ship to location identifier
2.6.2	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.6.3	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CLIA Premises registry ID
2.6.4		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



Can-Trace Integration Working Group

Program Information

Comparison Survey of Mandatory Traceability Data Elements

**Program Name:**  
**Program Representative:**  
**Date (dd-Mon-yy):**

Packaging Association of Canada HACCP Project  
 Roger Miller  
 17-Nov-05

- Instructions:** The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.
- 1 Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
  - 2 Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
  - 3 Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

**Program Traceability Objectives:**

To document the requirements should a product recall be needed. Adherence to standards and proper execution of activities will help minimize risk from possible defective harmful products that have entered the system. It will allow tracing and accounting for all identified defective products in a quick and efficient manner, managing communications in the event of a recall, and assisting outside agencies by having a predetermined plan and information gathering mechanisms. Recalls will be consistently managed when initiated by the customer, supplier, or converter.

Set 1 Identify the use of the Can-Trace mandatory data elements in the program

	Y	N	Terminology & Functions Comments
1.1.1 Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The receiver of the shipment is identified by the Destination Name & Address. See 2.1
1.1.2 Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.1.3 Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.2.1 Is the Can-Trace data element no. 9, "Lot Number" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could be a production batch number or production date code
1.2.2 Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.3 Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

1.3.1	Is the Can-Trace data element no. 10, "Product Description" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Refers to the generic product name or "type of material" which is used to describe the material on receiving logs, e.g. paper
1.3.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Referred to as Incoming Material Name in the program requirements
1.3.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.4.1	Is the Can-Trace data element no. 11, "Product Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not a code but a detailed description, which is used on receiving & shipping logs to indicate specific identity criteria such as the material, form factor, weight and dimensions.
1.4.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Referred to as Product Name in the program requirements
1.4.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.1	Is the Can-Trace data element no. 12, "Quantity" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6.1	Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inbound or outbound shipment bill of lading
1.6.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.7.1	Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.7.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.7.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.8.1	Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Referred to as the Supplier Name on the Receiving Log
1.8.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
1.8.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**Set 2 Identify the use of program data elements which are not mandatory in Can-Trace**

		Y	N	Terminology & Functions Comments
2.1.	Does the program data element:			
2.1.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Destination Name & Address
2.1.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ship To Location Identifier - element number 16
2.1.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.1.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.2.	Does the program data element:			
2.2.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Carrier Identification
2.2.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Vehicle Identifier - element number 22
2.2.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2.2.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.3.				Carrier Inspection (Y/N)	
2.3.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
2.3.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.3.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Quality element for both inbound & outbound shipments
2.3.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.4.				Date of Shipment	
2.4.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Ship Date - element number 14
2.4.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.4.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.4.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.5.				Time of Shipment	
2.5.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.5.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.5.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.5.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.6.				Deviation or Corrective Action	
2.6.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.6.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.6.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.6.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Related to condition of both outbound & inbound shipments
2.7.				Shipper's Initials	
2.7.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.7.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.7.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.7.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Party responsible for condition of shipment
2.8.				Product Temperature	
2.8.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.8.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.8.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.8.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Quality element for inbound shipments
2.9.				Package Damage (Y/N)	
2.9.1	Exist in the Can-Trace Data Dictionary ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.9.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.9.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.9.4	Does the program use the Can-Trace traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Quality element for inbound shipments





## Can-Trace Integration Working Group

### Program Information

#### Comparison Survey of Mandatory Traceability Data Elements

**Program Name:** Canada Organic Initiative Project  
**Program Representative:** Paddy Doherty  
**Date (dd-Mon-yy):** 25-Nov-05

**Instructions:** The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.

- 1 Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
- 2 Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
- 3 Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

#### Program Traceability Objectives:

Records that shall make it possible to trace:

- a. the origin, nature and quantities of organic products that have been delivered to the production unit;
- b. the nature, quantities and consignees of products that have left the production unit;
- c. any other information, such as the origin, nature and quantities of ingredients, additives and manufacturing aids delivered to the unit, and the composition of processed products, for the purposes of proper verification of the operations.

Set 1	Identify the use of the Can-Trace mandatory data elements in the program	Y	N	Terminology & Functions Comments
1.1.1	Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.1.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Buyer's name is also acceptable
1.1.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Buyer identification is for audit purposes
1.2.1	Is the Can-Trace data element no. 9, "Lot Number" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Used for identity preservation
1.3.1	Is the Can-Trace data element no. 10, "Product Description" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



1.3.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
1.4.1	Is the Can-Trace data element no. 11, "Product Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
1.4.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5.1	Is the Can-Trace data element no. 12, "Quantity" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6.1	Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7.1	Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.8.1	Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Every operator is provided with a unique code assigned by a certification body.
1.8.2	Does the program use the same terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.8.3	Does the program use the same traceability function?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Set 2 Identify the use of program data elements which are not mandatory in Can-Trace**

		Y	N	Terminology & Functions	Comments
2.1.	Does the program data element:				Producer, Preparer or Distributor ID
2.1.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.1.2	Is it a Can-Trace mandatory data element ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.1.3	Does the program use the Can-Trace terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.1.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		The last responsible party to handle the product.
2.2.	Does the program data element:				Contact Information for the Producer, Preparer or Distributor
2.2.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Contact Information - data element number 5
2.2.2	Is it a Can-Trace mandatory data element ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.2.3	Does the program use the Can-Trace terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.2.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.3.	Does the program data element:				Certification Body
2.3.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.3.2	Is it a Can-Trace mandatory data element ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2.3.3	Does the program use the Can-Trace terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		



Name of certification body under whose supervision the product was produced or prepared.

2.3.4 Does the program use the Can-Trace traceability function?

Consignee

Does the program data element:

- 2.4.1 Exist in the Can-Trace Data Dictionary ?
- 2.4.2 Is it a Can-Trace mandatory data element ?
- 2.4.3 Does the program use the Can-Trace terminology (data name or description)?
- 2.4.4 Does the program use the Can-Trace traceability function?

Origin

Does the program data element:

- 2.5.1 Exist in the Can-Trace Data Dictionary ?
- 2.5.2 Is it a Can-Trace mandatory data element ?
- 2.5.3 Does the program use the Can-Trace terminology (data name or description)?
- 2.5.4 Does the program use the Can-Trace traceability function?



**Can-Trace Integration Working Group**

Program Information

**Comparison Survey of Mandatory Traceability Data Elements**

**Program Name:** Food Safety Enhancement Program (FSEP)  
**Program Representative:** Mr. Tom Graham, National HACCP/FSEP Coordinator  
**Date (dd-Mon-yy):** 06-Mar-21

- Instructions:** The survey questionnaire consists of a description of the program's traceability objectives and two sets of "yes / no" questions which will be used to identify the potential gaps. A negative response will identify a gap.
- Using the mouse pointer put a check mark in the appropriate column (Y/N) beside each question.
  - Question Set 2 requires the program data element names to be entered in the Terminology & Functions Comments field.
  - Where discrepancies exist between the program and Can-Trace terminology & functions, please provide details in the Terminology & Function Comments field.

**Program Traceability Objectives:**

Traceability is addressed in FSEP through the prerequisite program component of an establishment's HACCP system. Specifically, the Recall Program details an establishment's recall system and product code identification/distribution information. The objective of the recall program is to ensure establishments have the necessary recall team structure in place and sufficient information and details so that it can recall 100% of the affected product in a timely fashion should the need arise. An annual mock recall is utilized to ensure these objectives are met.

Set 1 Identify the use of the Can-Trace mandatory data elements in the program		Y	N	Terminology & Functions Comments
1.1.1	Is the Can-Trace data element no. 3, "Buyer Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	An up-to-date buyer list is required.
1.1.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.1.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2.1	Is the Can-Trace data element no. 9, "Lot Number" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lot number including date processed is required.
1.2.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(May identify production equipment, date of pack or time produced)
1.2.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3.1	Is the Can-Trace data element no. 10, "Product Description" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The HACCP plans fully describe each product.
1.3.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	FSEP uses the term product identification to include product description, unit of measure, unit of trade, product identifier, weight and packaging.



1.3.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.4.1	Is the Can-Trace data element no. 11, "Product Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A "product code" identifying the product is required.
1.4.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.4.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.1	Is the Can-Trace data element no. 12, "Quantity" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Net weight and quantity is captured on production sheets and shipping documentation which is included in the details needed for the recall system.
1.5.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	FSEP requires records indicating the quantity in inventory (includes off site storage) and the quantity distributed.
1.6.1	Is the Can-Trace data element no. 17, "Shipment Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shipment identifier and shipping container serial number are required.
1.6.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.7.1	Is the Can-Trace data element no. 20, "Unit of Measure" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Net weight is used and referred to in all cases.
1.7.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.7.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.8.1	Is the Can-Trace data element no. 23, "Vendor / Supplier Identifier" required by the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The shipper may not be identified by a specific code but by name and address. A code is not a requirement.
1.8.2	Does the program use the same terminology (data name or description)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Federal registration numbers are used exclusively to identify the production establishment in documents and on each individual product.
1.8.3	Does the program use the same traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The shipper may be a party other than the production establishment.

**Set 2 Identify the use of program data elements which are not mandatory in Can-Trace**      Y      N      Terminology & Functions Comments

2.1.	Does the program data element:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Establishment registration number
2.1.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.1.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Identifies the plant of production.
2.1.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Identifies the vendor / supplier and the ship from location if the plant of production is one link down.
2.1.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shipping container serial number Element Number 18
2.2.	Does the program data element:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Can refer to any code markings identifying the shipment.
2.2.1	Exist in the Can-Trace Data Dictionary ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.2.2	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.2.3	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2.2.4	Does the program use the Can-Trace traceability function?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

2.3.	Exist in the Can-Trace Data Dictionary ?	Does the program data element:	Customer record (name, address, telephone number) Element Numbers 5 & 16
2.3.1	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2.3.2	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Identifies the Ship to Location and Contact Information
2.3.3	Does the program use the Can-Trace traceability function?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2.3.4			
2.4.	Exist in the Can-Trace Data Dictionary ?	Does the program data element:	Ship Date Element Number 14
2.4.1	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2.4.2	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2.4.3	Does the program use the Can-Trace traceability function?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2.4.4			
2.5.	Exist in the Can-Trace Data Dictionary ?	Does the program data element:	Receipt Date Element Number 13
2.5.1	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2.5.2	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2.5.3	Does the program use the Can-Trace traceability function?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2.5.4			
2.6.	Exist in the Can-Trace Data Dictionary ?	Does the program data element:	Country of Origin Element Number 6
2.6.1	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2.6.2	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2.6.3	Does the program use the Can-Trace traceability function?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2.6.4			
2.7.	Exist in the Can-Trace Data Dictionary ?	Does the program data element:	Shipping Company Element Number 8
2.7.1	Is it a Can-Trace mandatory data element ?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2.7.2	Does the program use the Can-Trace terminology (data name or description)?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Logistics Provider Identifier
2.7.3	Does the program use the Can-Trace traceability function?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2.7.4			

