



Canadian Food  
Inspection Agency

Agence canadienne  
d'inspection des aliments

# **Tags Approved for the Bison Sector**

## **Livestock Identification and Traceability Program**

**VERSION 3  
August 30, 2012**



### Document history

Version	Date	Modification(s) made
1	November 1, 2010	
2	March 14, 2011	<ul style="list-style-type: none"><li>▪ Modification of the front view picture of BIS-01-01</li></ul>
3	August 30, 2012	<ul style="list-style-type: none"><li>▪ Modification to Table 1 (range per species)</li><li>▪ Modification to the context</li></ul>



## Context

Identification and movement recording and reporting requirements for animals are covered under Part XV of the *Health of Animals Regulations*. The tags used under the national Livestock Identification and Traceability program are approved and may be revoked by the Minister of Agriculture and Agri-Food Canada, with designated authority to the National Manager of the Livestock Identification and Traceability program, Canadian Food Inspection Agency (CFIA). The approval and revocation of tags is made on the basis of the Animal Identifier Approval and Revocation Framework (RDIMS #3412108) and of the criteria identified under section 173 of the Regulations:

*173. (1) The Minister may approve or revoke a tag, chip or other indicator for the identification of an animal, or the carcass of an animal, for the purposes of this Part.*

*(2) When considering the approval of a tag, chip or other indicator, the Minister shall take into account whether*

*(a) the tag, chip or other indicator bears a unique identification number;*

*(b) the tag, chip or other indicator may not readily be altered or otherwise tampered with;*

*(c) the tag, chip or other indicator is difficult to counterfeit;*

*(d) the identification number on the tag, chip or other indicator is easily and reliably readable;*  
*and*

*(e) the tag, chip or other indicator is designed to be retained by any animal to which it may be applied.*

*(3) When considering the revocation of an approved tag, chip or other indicator, the Minister shall take into account whether there is any other tag, chip or other indicator that offers improved performance over that approved tag, chip or other indicator with respect to the criteria set out in paragraphs (2)(b) to (e).*

One of the responsibilities of the administrator is to test tags and provide recommendations to the Minister as to which tags should be approved or revoked. Currently, the Canadian Cattle Identification Agency (CCIA) is recognized as the responsible administrator for cattle, bison and sheep. The CFIA also received and considered recommendations provided by Agri-Traçabilité Québec (ATQ), the Canadian Sheep Federation and the National Livestock Identification for Dairy (NLID).

Once a tag has been approved by the Minister, it will bear the official logo of the administrator and a unique identification number following the ISO 11784 standard format, i.e. made of 15 digits. The first three digits is the country code following the ISO 3166 standard ('124' for Canada). A national identification code follows the country code between bit 27 and 64. The first three digits of the national identification code is managed by the CFIA and may correspond to systems where animal identification numbers were allocated, animal breeds, etc. The last nine digits of the national identification code is unique to an animal.

One of the requirements of the ISO 11784 standard is as follows:



*'It is a national responsibility to ensure the uniqueness of the national identification code. If necessary number series may be allocated to species and/or manufacturers, but this will not be standardized. Ideally every country should maintain a central database in which all issued codes are stored, together with a reference to the database where the information concerning the associated animal can be retrieved'.*

In order to ensure uniqueness, the CFIA has provided ranges of identification numbers based on species (see Table 1). For each range, subsets of identification numbers ranges were also provided to CCIA, ATQ and NLID. These organizations will be responsible for the allocation of the approved tags, i.e. requesting manufacturers to produce approved tags bearing a given range of identification numbers.

**Table 1. Ranges of identification numbers borne by approved tags**

Cattle:	124,000,000,000,001 – 124,000,299,999,999
Bison:	124,000,300,000,000 – 124,000,304,999,999
Sheep:	124,000,310,000,000 - 124,000,319,999,999 124,000,500,000,000 - 124,000,549,999,999
Cervid:	124,000,330,000,000 - 124,000,334,999,999
Goat:	124,000,340,000,000 - 124,000,344,999,999
Pig:	124,000,400,000,000 - 124,000,499,999,999
Equid:	124,000,550,000,000 - 124,000,559,999,999

### **Approved tag for bison**

#### Manufacturer: Allflex

BIS-01-01	CCIA Bison RFID tag, SKU Code: CB-E21B21000000 (also referred to CB-E21B21X21B21 if tag is sold with dual non-RFID tag bearing the same identification number)
BIS-01-02	CCIA Bison bar-coded tag





**CFIA code: BIS-01-01**

CB-E21B21000000 (also referred to CB-E21B21X21B21 if tag is sold with dual non-RFID tag bearing the same identification number)

Manufacturer: Allflex

Allocator: Canadian Cattle Identification Agency

**EID Couple:**

Female – Front  
Weight: 8.9 g



Front View



Rear View

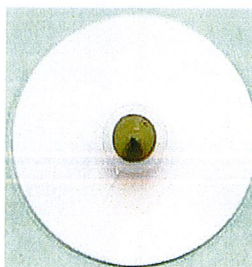


Profile/Side View

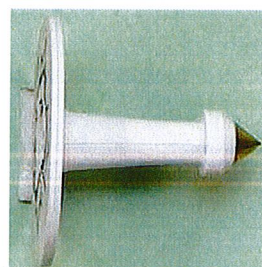
Male – Back  
Weight: 1.9 g



Front View



Rear View



Profile/Side View



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APPROVED TAGS – BISON

**CFIA code: BIS-01-02**

CCIA bison bar-coded tag

Manufacturer: Allflex

Allocator: Canadian Cattle Identification Agency

**Note:** the tag BIS-01-02 is no longer sold and gradually being phased-out

Female – Front



Front View