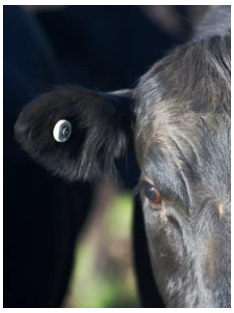
Tech Tips

NLIS DATABASE

All account types

National Livestock Identification System Ltd

January 2014



Cattle device numbers – RFIDs

The National Livestock Identification System (NLIS) requires cattle to be identified with a Radio Frequency Identification Device (RFID), either an ear tag or a rumen bolus/ear tag combination, so that animals can be traced from property of birth to slaughter. NLIS cattle devices cannot be used to identify sheep or goats.
For a list of NLIS-accredited devices and manufacturers, visit **www.nlis.com.au**

A **white** 'breeder' device is applied before cattle leave the property of birth. The device should remain attached until the animal dies or is slaughtered, but if cattle are no longer on the property of birth and the breeder device falls out or cannot be scanned, an **orange** 'post-breeder' device registered to the PIC on which the animal now resides should be applied to maintain traceability.

When you buy devices, the manufacturer registers the RFID and NLISID on the database. These numbers are linked, so when you use the database, you can enter the RFID or the NLISID for an animal. To prevent 'bad format' errors, the numbers must be entered in the correct format.

The **NLISID** is printed on the outside of the electronic ear tag, or on the outside of the visual ear tag indicating that a rumen bolus has been applied. You can read the NLISID number visually and write it down to refer to later.

The **RFID** microchip inside the device is read by a hand-held scanner or panel reader. The device type (breeder or post breeder, ear tag or bolus, cattle device etc.) can be derived from the 10th character of the NLISID.

The **PIC** issued by the State/Territory authority forms the first eight characters of the NLISID. **Examples**: ND250250 (NSW), 3CPWG015 (VIC), QDBH0132 (QLD), SA850013 (SA), TBBT0151 (NT), WJFL0018 (WA) and MAHU0411 (TAS).

RFID breeder devices

RFID post-breeder devices

Example: Electronic cattle device for a Victorian property

White 'breeder' electronic ear tag manufactured by Allflex Australia and printed for this PIC in 2013 for cattle

RFID

9	8	2		1	2	3	4	8	9	4	6	7	6	7	8

Manufacturer | Space | Device serial #

Drovers ID

Drovers code = 7 characters, including the space

Property Identification Code | Manufacturer | Device type | Year | Device serial #

NLISID

3	M	G	J	E	1	5	3	X	B	J	0	0	6	1	1

Manufacturer code (1 letter)

X = Allflex Australia
L = Leader Products
M = Datamars
D = Drovers ID
Y = OS ID Australia
Z = Zee Tags Ltd

Device type (1 letter)

B = Cattle breeder tag (white)
C = Cattle breeder bolus (white)
E = Post-breeder tag (orange)
F = Post-breeder bolus (orange)

Year (1 letter)

G = 2011
H = 2012
J = 2013
K = 2014
L = 2015
M = 2016
N = 2017
P = 2018
etc.

Note: Letters 'I' or 'O' cannot be used due to confusion with numbers one (1) and zero (0).