

DATA CAPTURE AND MANAGEMENT OPTIONS USING ELECTRONIC TAGS



The Electronic Tag

- **\$1.00 in Victoria (NLIS Approved subsidised price) – approx \$2.50 interstate or non – NLIS approved tags**
- **Alone it is no better than a standard 30c flock tag**
- **In conjunction with other tools it offers a vast array of opportunities**
- **Individualisation – no different to your standard stud tags/systems**
- **Human error reduction – by yourself and others**
- **Increases/simplifies data collection and data management**



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WORLD LEADERS IN WEIGHING

Where are we at so far

- Traceability of cattle is ever improving
- Traceability of sheep is very poor
- DPI desire mandatory use of NLIS, however great producer resistance
- TAP alliance formed to identify key profit benefits from the use of NLIS on farm

Trial Sites

- DPI, MS&A, Tru-Test, Allflex, Prattley
- Feedlots (2)
- Prime Lamb enterprises (1)
- Dual Purpose merino flocks (4)
- Poll Dorset Stud – Derrynook (Ted & Simon Beattie – Trentham East) (1)

Products

Indicators

- Used to record weights and weight gain, plus detailed animal information
- Internal batteries reduces the need for cables in the yards
- IP67 water proof/shock proof
- Robust design to withstand heavy duty use in cattle yards



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Products

Load Cell Systems

- 600mm for use under platforms



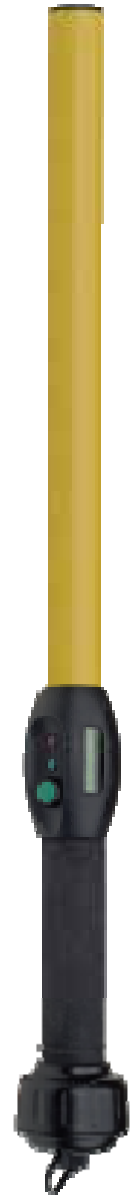
**Thick leads, full sealed, water proof
and are designed to be self-
calibrating**

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Products

Scanners

- **Stick readers designed for portability**
 - Record & display tag numbers
 - Provide a scan count
- **Panel readers designed for permanent installation and reduce required labour**
- **RFID readers must read all approved RFID tags and transfer data into all data collectors (Scales Indicators)**



BLUE TOOTH PRINTER AND BARCODE SCANNER



PRATTLEY MANUAL CRATE



PRATTLEY AUTO DRAFTER



Uses Identified to date

- Stud data management
- Mating information – mating groups/dates/etc
- Pregnancy testing information – OVI4/OVI6 Tester and Panel
 - Drafting singles/twins or lambing groups when you want to
- Lambing Info – Sire/Dam/DOB/Sex/Tag/Flight Distance/Born as/Raised as
- Pedigree matchmaker – matching ewes to lambs without tagging at birth
- Sire evaluation
- Dam evaluation – ranking/selecting ewes

- Fat depth/eye muscle area – link to sire/dam
- Indexes
- Carcass Feedback
- Live weight gain – affects of feed and other conditions in feedlots
 - individual which can be linked back to sire/dam
- Ultimate aim is to calculate dollar value benefits by adopting different practices, depending on your flock type.
- All information can be electronically forwarded on to Lambplan/cliental

Where to from here??????

- Significant development in the last 2 years – significant developments to be made
- Victoria is the test case for Australia and the world
- Mandatory use of NLIS???? Probably
- Abattoirs – data feedback
- DNA
- Walk over weighing
- Remote selection/drafting
- Development of super data collectors and development of more on farm data management positions/contractors
- We have the equipment to do it – need to learn more about sheep psychology/habits/flow to make the job easier

What was that tag number?

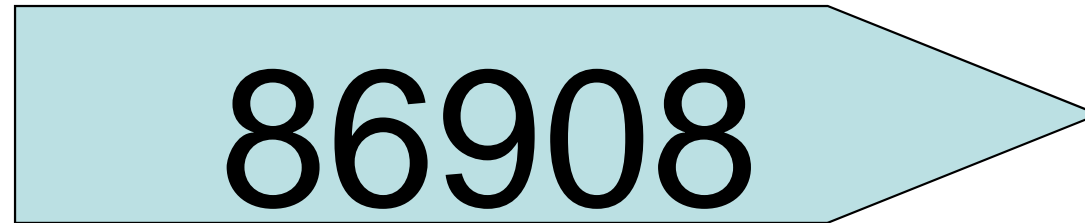
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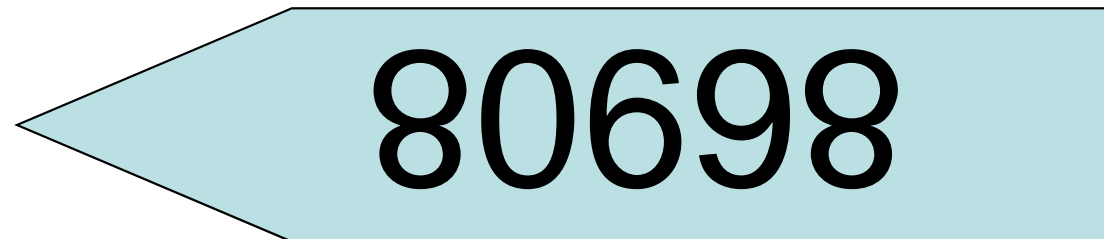
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Actually it was none of them!!!
Be wary of the upside down tag!!!



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