

NZ RFID 2006

General Points:

- 1 To be introduced in AHB scheme voluntarily as a Secondary tag.
- 2 Most probably to be made mandatory as the Primary on or before September 2008 with no other tag required for AHB compliance.
- 3 Will be ISO using both HDX and FDX-B technology tags with dual readers being specified.
- 4 HDX tags are preferred by major tag suppliers for cattle.
- 5 Australian NLIS HDX approved tags will be fast track approved for New Zealand.
- 6 Farm management tags will be able to be ordered on the same AHB website in the future but will be voluntary.
- 7 Under ISO rules no other individually numbered AHB tag will have the same internal transponder number matched to it.
- 8 Each ISO transponder is uniquely identified and no other exists.
- 9 Introduction of RFID reader and ancillary equipment for sale yards and abattoirs will roll out during the voluntary phase.
- 10 Most on farm readers will be self adjusting for ease of installation.
- 11 Readers may be used in conjunction with scales and on farm drafting yards.
- 12 The national data base will enable additional information to be logged against individual animals for later reference.
- 13 The RFID tags will enable the system to pass audit more easily for future market access and bio-security requirements.
- 14 The RFID tags will carry the same markings as at present allocated by the AHB scheme with the internal transponder number being tied to this allocation in the data base. Most scale software will show both when the tag is read.

Other Comments Concerning LEADER RFID:

- 1 Leader has both "Leadertronic" HDX and FDX-B ISO RFID electronic tags.
- 2 Leader recommends its High Performance Leadertronic HDX tag for use in cattle and deer as this technology generally has better on farm read performance and if universally adopted in large quantities the Leader design can have the transponder recycled into a new tag housing, if approved, giving greater long term economy.
- 3 Both technologies have grown under the International Standards Organisation (ISO) for use in Livestock Identification with a guaranteed ICAR approved unique 16 digit transponder number. The first three digits indicate the tag manufacturer – Leader's first three digit sequence is 951.
- 4 On farm read distances in general have been higher with HDX than FDX-B tags depending on the reader. Hand held readers read at short distance between 15 and 30 cms whereas panel readers read between 0.8 and 1.2 metres.
- 5 Leader Fast Tagger applicators will apply all Leadertronic and Farm Management tags without any major changes to the applicator. Leaders current Standard and some opposition applicators can also apply these products satisfactorily without damage to the tag.