

TECHNOLOGY FOR THE IDENTIFICATION AND TRACEABILITY OF CATTLE AND SHEEP

Linda Marchand

Agri-Traçabilité Québec, Longueuil, Québec, Canada

Agri-Traçabilité Québec (ATQ) is responsible for the development and implementation of a system for the permanent identification and traceability of agricultural products from farm to fork and relies on the use of a variety of leading-edge technologies to carry through its numerous responsibilities.

ATQ uses a diversity of techniques for identifying livestock (RFID chips), as well as for information gathering (reading instruments), the electronic transfer of this information (software and communication networks) and lastly for information storage (multispecies database).

ATQ has also continually striven to research, adapt and develop new technologies for the transport of live animals and their sale by auction.

Quebec's traceability system is innovative in the way it promotes the use of these new technologies, which facilitate the work of the various stakeholders involved and ensure practical and effective application in the field.

Key words: RFID –Reader –Information transfer –Multispecies database.
