New path for automated performance testing of milk and meat

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What is the challenge for the MRO?

What the breeder would like to have?
- Have the measures with precisions and efficiency...
- Traceability of the data and the Animal
- More information in Process
- Automate the routine without slowing
- Processing more data

What we can do to the future of our job?
- New Technologies or the last....
- RFID Identification, new process
- Link the device to the central data base
- New qualification and job, for the user

New image, more Professional on the Field
Solutions for Automate milk and meat Performance

- Milk Meter for Cow/Goat
  - Lactocorder and EMM
- Terminal PDA
  - With Vial Rfid
  - With RFID for Vial and Cows
- Screen Identification in milking parlour
- Interface Ori-Automate
- Automatic weighing for Beef
Milk Meter for Cow

Lactocorder (2000)

- Use by the technical man or farmer
- Use for big installation and high milking rate
- To collect data about Milking/Cleaning
- Analyse the herd and help the farmer

EMM (2000)
Use only with tag ID, the farmer identifies the herd
Use for big installation 2x50 and rotary and high milking rate
the results:
- Tracability (sample and the goat)
- Minimum operator
- Follow the milking without disturb the routine
Use by the technical operator
Use for big installation and high milking rate
Collect the data during the milking
Send the data to the central database
Collect some extra data to update the data base
Automatic Identification for Official Ear Tag

Screen for manage Information

Use by the Farmer All the days
Information from the central database (cow N°, treatment)
Manage the alarm for inform during the milking
Use for big installation and high milking rate
Collect some extra data to update the central data base
Automatic Identification for official EarTag

Screen for MRO

- Link to EMM and Lactocorder
- Use on time per month, for the MRO
- Information from the central database (cow ID, status)
- Use for big installation and high rate
- Link to the PDA with Vial RFID,
Automatic Identification with official EarTag for goat

Screen for MRO

- Use by the farmer all the time, and feeding for goat
- Use by MRO, with link to the lactocorder, one time per month
- Information from the central database (Goat ID, status)
- Use for big installation and high rate
Use the milk meter and automatic identification use by the farmer (Manufacture GEA, DeLaval, Boumatic and Fullwood)

ID: AirTag or transponder.

Valuation of the breeder material/device

Interfacing the PLC Breeder with Ori-Automate

National N°, Milk Yield, date and time for the MRO
Patented system

- Weight is registered during all the days (depend on the location)
- The animal walk through alone, without any help
- System free access, no contention.
- The animals weigh alone and the information is stored.
- 3 possibilities: in Barn, Pasture, the end of the corridor
- Identify the performance of each animal and sort them.
Thanks for your attention