Sm@RT
Sm@ll Ruminant Technologies

EID Hand Held Reader

Need:

- Recording/collecting/analysing health data is time-consuming. E.g. recording tags, health issues, tracking withdrawal periods
- Combining of individual health data and all other data
- Lambing records/ewe performance
- Identification of ewes/lambs
- Monitoring reproduction - identify ewes for insemination/tupping dates/ram health monitoring/fertility testing
- Recognising and/or weighing your sheep automatically
- Performance recording (growth rates, slaughter data etc.)
- Added value of digital technologies (cost, use of technologies all other data periods)
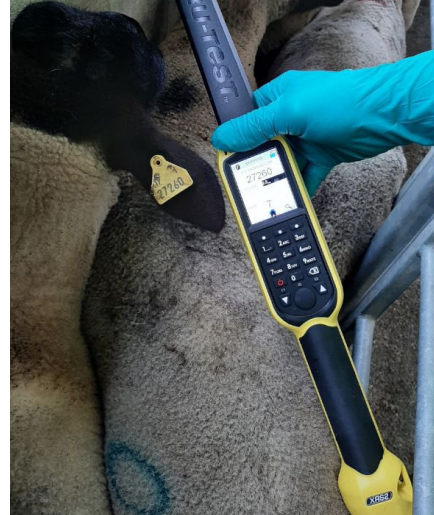
Aim:

To identify animals automatically, record data To identify animals automatically, record data and upload to database upload to database.

Description:

EID handheld reader/wand can be used to scan any animal which has an EID tag. Once identified, the device can be used to input data e.g. weight, body condition score. Readers can wirelessly connect with your weigh scale indicator using Bluetooth technology. Depending on the wand/reader more information can be input e.g. medical treatment, litter size, breeding information, lambing difficulty etc. Basic wands will only scan and record EID tags and session number, but more advanced readers are customisable for recording multiple types of data. The data is uploaded to a software package i.e. data base which can be viewed, compiled and reports generated.

How to Implement:

The wand/reader must be positioned near the animal's EID tag to identify the animals. Data can then be recorded, saved and uploaded to the software package.

Country:

Ireland

Production System (dairy or/and meat sheep/goat):

Dairy and meat sheep

Category of Animal (ewe, goat, replacement, lamb, kid):

Ewe, replacement, lamb

Source of Information:

https://smartplatform.network/eid-handheld-reader/

Attachment/links:

https://youtu.be/36-M-3sHXOA?si=iGYyW8fdwLZb__A3

Expected Benefits:

- Performance and health recording
- Parentage and litter size recording
- Facilitates selecting replacements
- Can record animal movement on/off farm

Costs and Challenges:

- Compatibility with other devices.
- Ease of data transfer to other software.
- Easy to use once installed.
- Easy to use.
- It is permanent investment, the lifetime of the technology is more than 5 years
- Reduced stress to the animals.
- Improved welfare of the animals.

- Set up costs ~ 1000-2500 Euro
- Subscription required: Yes/No
  (depends on software used)
- Ease of use? Scale 1 (Complicated) – 10 (Simple)

(1) (2) (3) (4) **(5)** (6) (7) (8) (9) (10)

- Value for money (for this type of benchmark farm)? Yes
- Recommend this tool/technology for use on other types of farm? Yes

This tech works for me because it makes our work a lot easier

FARMER FROM HUNGARY

★★☆ **It would take 9 years for 77% adoption.**

www.smartplatform.network