



By Africans
For Africans.

MANAGEMENT SOLUTIONS FOR ALL SIZED DAIRY FARMS



Data-Driven Dairy Farming for Africa

With MooMe management solution, you will have easy access to all your reproductive and health monitoring data in order to clearly plan daily and weekly events for cows that need special care.



Platform features

Services

Farm Management (with or without sensor)

Identification and Cows' Grouping
 Calving Alerts, 1st Heat After Calving, Gestation Controls, Drying
 Artificial Insemination Follow-up
 Milk Production Follow-ups
 Vaccination Calendar Alerts
 Weight Control
 Pedigree

Reproduction (with sensor)

Heat detection and artificial insemination alerts

Animal Health/Welfare (with collar)

Real-Time Monitoring of rumination and physical activity for early disease detection

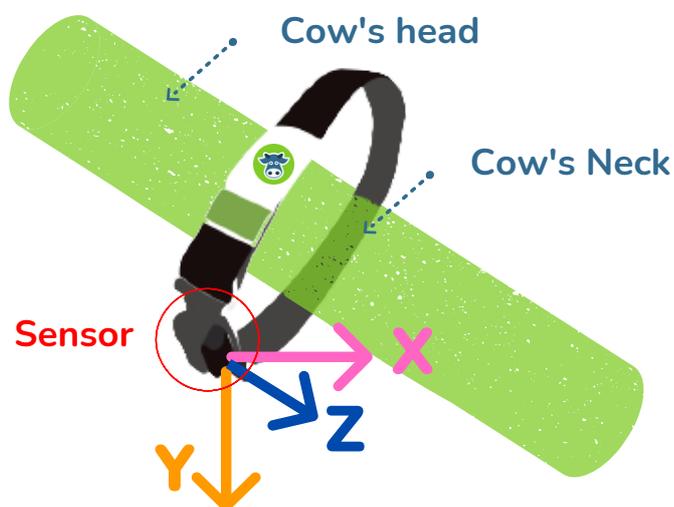
THI

THI monitoring(inside the barn) (THI sensors and installation not included)

Support

App.Mobile
 +
 Web
 +
 SMS*
 (Upon request)

MooMe Collar



- Heat detection and AI warnings
- Users can benefit from an assistance in order to take better advantage of and MooMe solutions.
- Real-time monitoring of rumination and physical activity for early disease detection

How it works ?

Cow group: (dry, in prod..)

Animal ID

Rumination time
In real time

Physical rest time
In real time

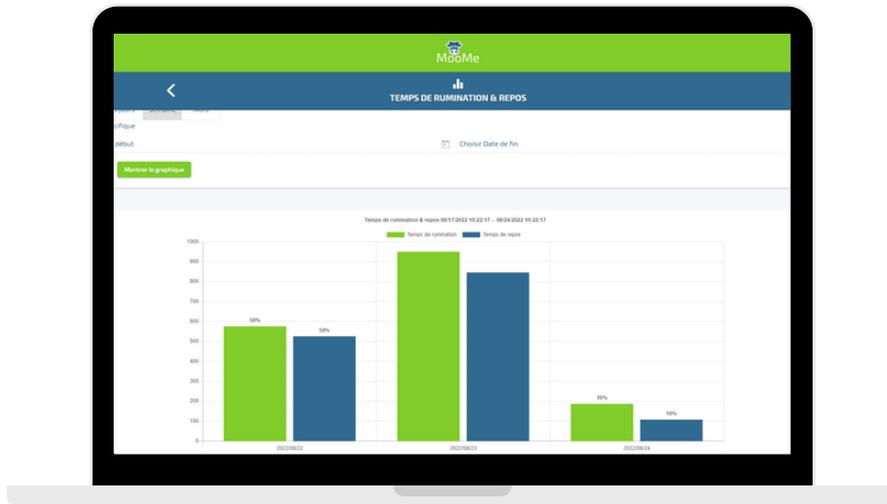
Lactation number

Days in Lactation

Days in Gestation

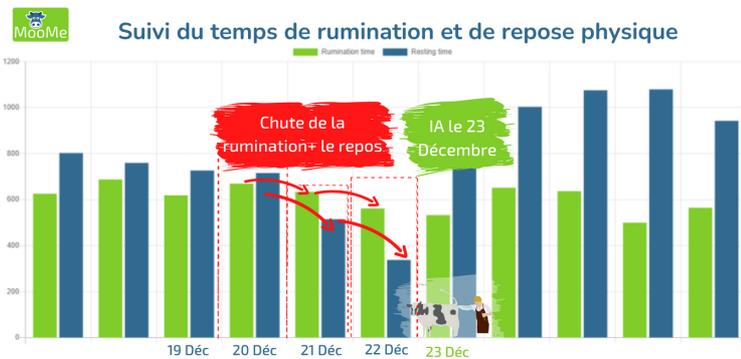
Full follow-up of each Lactation from Calving to the next Calving

N.B: The mobile application is available on Playstore and AppGallery

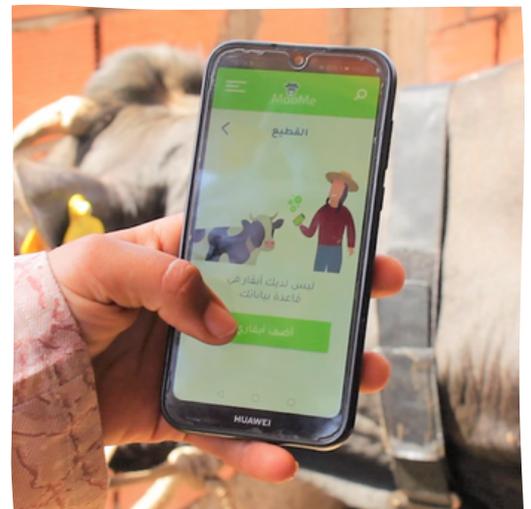


Example of real-time monitoring of ruminating and resting times

Example: Heat detection



The collar detected the drop in rumination and physical rest before the cow was in heat. Alerts for IA were generated on the application to warn the farm manager in time. The insemination took place at the right time 23/12/2021 and was verified successful.

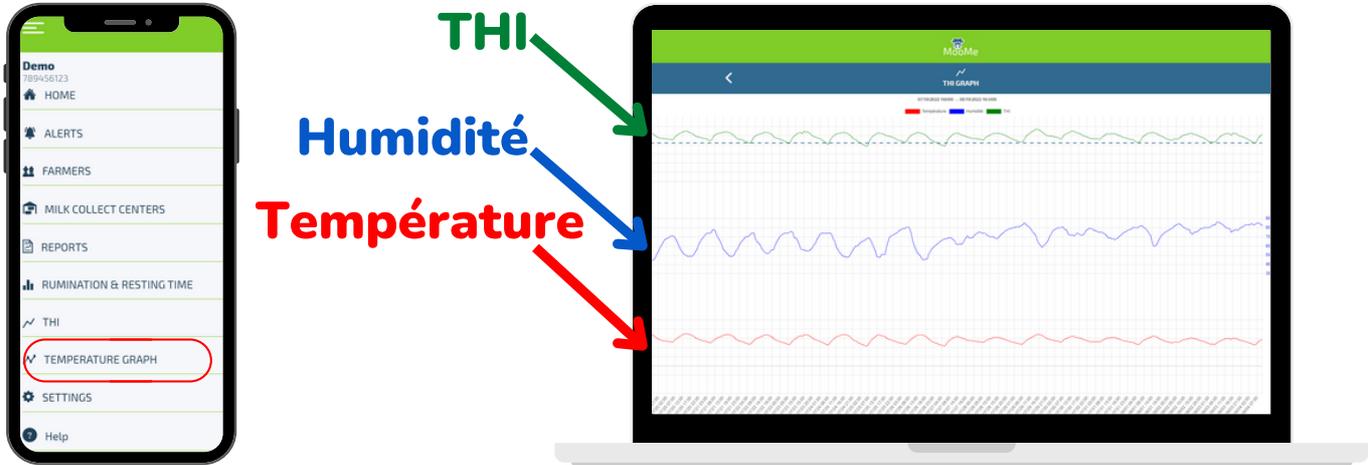


Monitoring of Thermal Stress (THI) in the barn

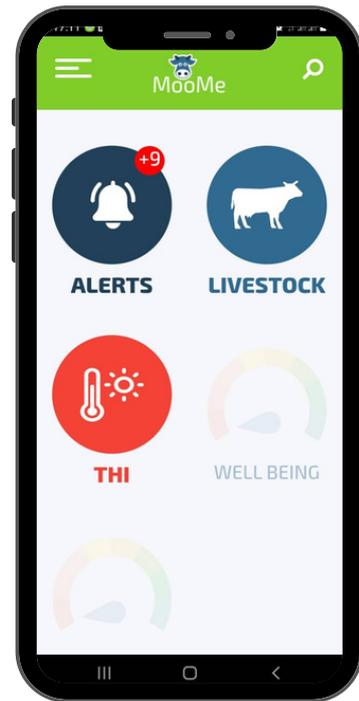
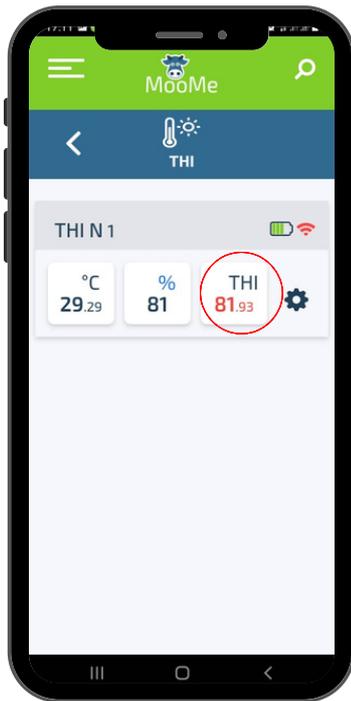
Temperature and Humidity Index

Enhance the thermal comfort of your herd in the barn during hot weather:

MooMe provides you with a temperature and relative humidity monitoring system within the barn to better manage thermal stress.



Temperature, humidity and THI monitoring curve



"Now I have the ability to remotely check the condition of my cows. MooMe helped me to better control the reproduction of my cows and to preserve the best cows for the sustainability of the herd"

Adel, Tunisian breeder in Bouselm, Jendouba



Technical features of the sensor for connected collar

Battery life	1 year of autonomy (ADV interval of 5s)
Battery	CR2450 x 1
Operating temperature	-20°C to 75°C
Waterproofing	IP67
Bluetooth®	Low Energy Bluetooth 5 (BLE5)
BLE range	100M



Technical features of the collars' data acquisition system

WIFI (Support for 802.11b/g/n).

Humidity	Humidity Max 95%, non-condensing, relative humidity
Operating temperature	-20°C to 60°C
Waterproofing	IP67
Bluetooth®	Bluetooth support Low Energy (long range mode)
Capacity	Can read up to 200 BLE devices at the same time
Coverage radius	200 M



Technical features of the THI sensor

Battery life	4 years of autonomy (ADV interval of 5s)
Battery	CR2450 x 1
Operating temperature	-20°C to 75°C
Waterproofing	IP67
Bluetooth®	Low Energy Bluetooth 5 (BLE5)
BLE range	100M





Moome

Data-Driven Dairy Farming for Africa

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