

UHF

Heat Detective

&

Eating Monitoring



Part of your
business

40⁺
YEARS



Heat Detection in Numbers

IDEAL CALVING / PREGNANCY PERIOD

80-100
DAYS

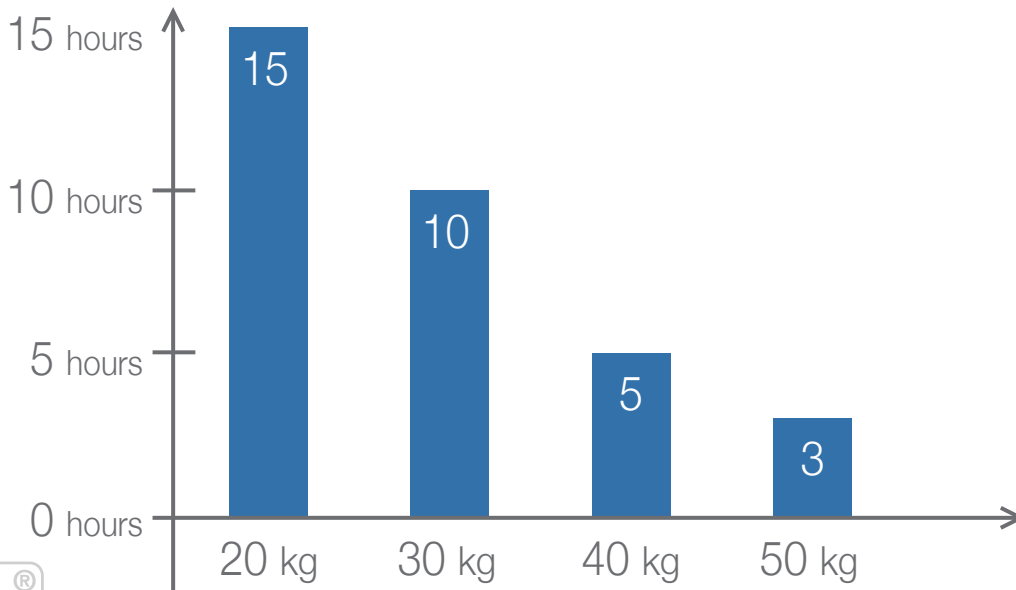


EXTRA COST x COST x DAY

4€*

*This is the estimated daily extra-cost in case of failed conception within 100 days. An effective heat management permits to increase the profitability of the dairy herd.

Estrus Period / Daily Milk yield



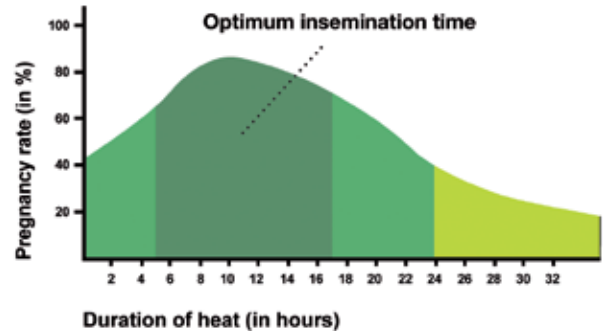
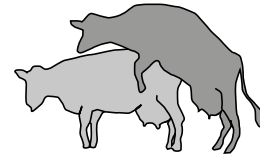
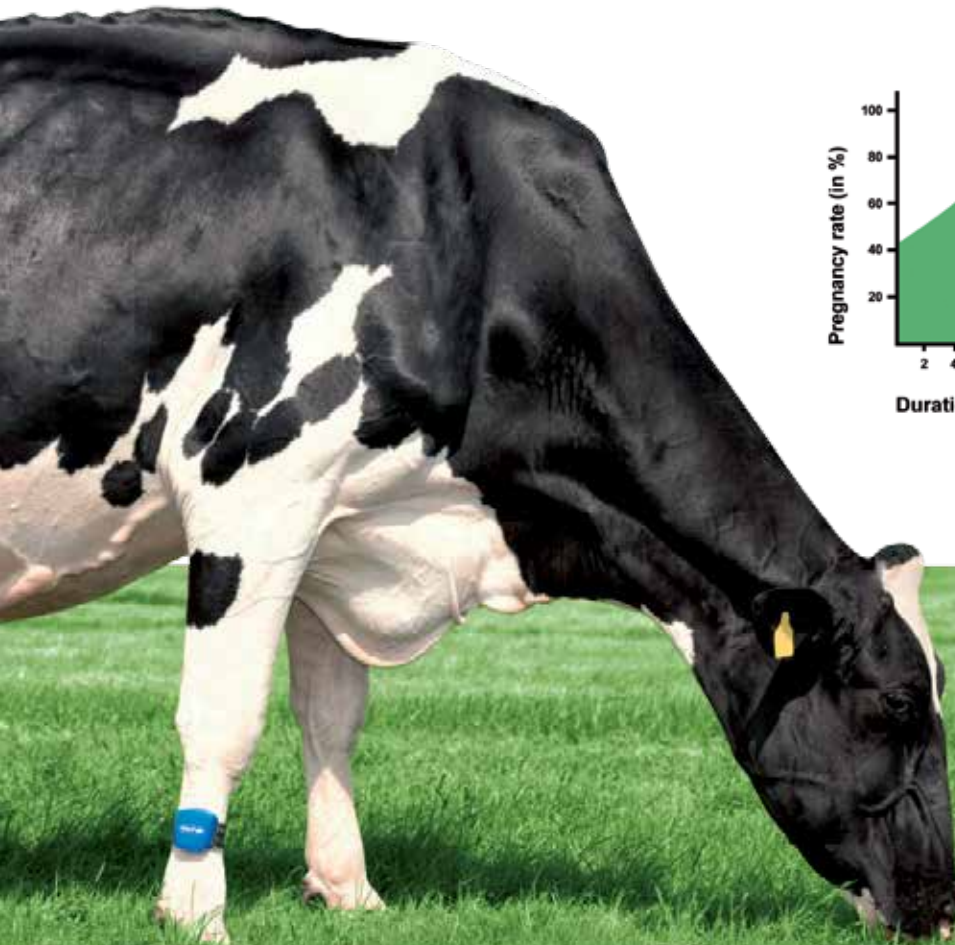
UHF Heat Detective



Proposed by InterPuls, is the latest release in automatic heat detection.

Ideal for the dairy farmer that aims to achieve the highest profitability in estrus detection across the herd.

It represents an innovative and user friendly solution that indicates exactly when each cow is in heat!





Eating Monitoring

Are your cows eating enough?



Changes in eating behaviour indicate that there may be something wrong with the animal and that it should be checked more closely. Eating monitoring is particularly important in the period before and after calving, when an animal is more susceptible to disease because of changes in its environment, feed, energy balance and stress.

The NeckTag proposed by InterPuls monitors the time each day the animal takes in roughage.





OPTIMAL DAILY
ROUGHAGE TIME

 **4/5**
HOURS



Pedometer “3D”

Standing
& Lying



Heat
Detection



Health
Monitoring



Calendar
events



New feature: Standing & Lying

A cow shows the same pattern of behaviour and movements every day. Standing and Lying Monitoring tracks different aspects of this pattern: walking, standing and lying time, the number of times the animal stands up and the number of steps she takes per day. The system accurately tracks the cow 24/7 and issues alerts if there are any changes from the average of the past few days.



Benefits

- 24/7 Heat detection ✓
- Standing & Lying control ✓
- Low activity alert ✓
- Long life battery ✓
- ISO identification option ✓
- Calendar events ✓



NeckTag



Heat
Detection



Eating
Behaviour



Cow
Positioning



Calendar
events

Benefits

- ✓ Accurate eating monitoring
- ✓ 24/7 Heat detection - Health attention
- ✓ Cow Positioning
- ✓ Long life battery
- ✓ ISO identification option
- ✓ Calendar events
- ✓ Fits to free-stall and pasture

New feature: Cow Positioning

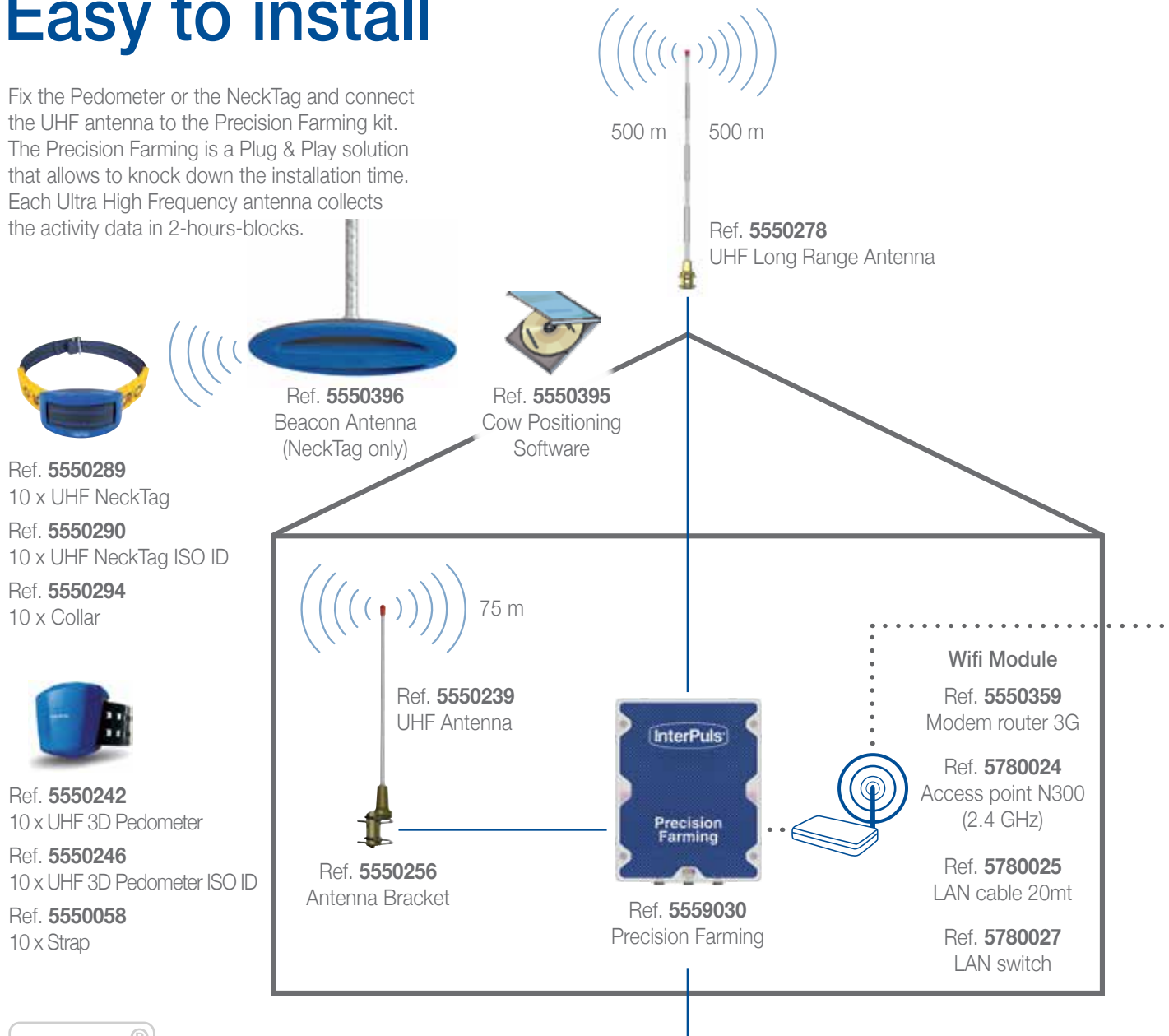


Cow Positioning registers the position and the movements of each individual animal in the herd. At the base of the system are the beacons that, mounted in various places within the barn transmit a unique low frequency signal. The NeckTag receives signals from beacons, the identification of the animal's position. The system will show the position of each animal on a digital map of the barn; finding animals that, for example, need individual care or that, in a robot farm, hasn't been milked; allowing precise actions on the single cow



Easy to install

Fix the Pedometer or the NeckTag and connect the UHF antenna to the Precision Farming kit. The Precision Farming is a Plug & Play solution that allows to knock down the installation time. Each Ultra High Frequency antenna collects the activity data in 2-hours-blocks.





Genetic Consultant



Veterinary



Farmer



**WEBCAM PLUG-IN
AVAILABLE ON DEMAND**



Easy Operation

The Pedometer exchanges the activity data 24/7 with the antenna, assuring a real time herd overview.
NeckTag permits a detailed control of the eating behavior for every single cow.



Detailed Information

Detailed information can be displayed with a simple PC, Tablet or Smart Phone through Internet. Farmer, Veterinary or Genetic Consultant are updated about heat, drop of activity, eating time and standing & lying activity. The system reminds to the operators the events scheduled in calendar. The new Cow Positioning (available for NeckTag only) shows the position of each animal on a digital map of the barn. It permits to find animals that, for example, need individual care or that, in a robot farm, hasn't been milked; allowing precise actions on every single cow.



Activity



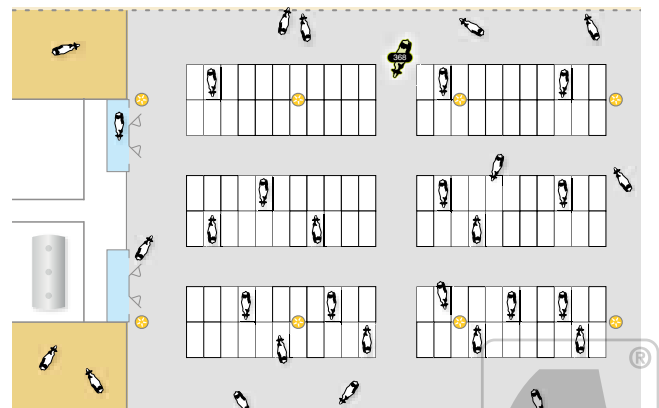
Eating



Standing & Lying



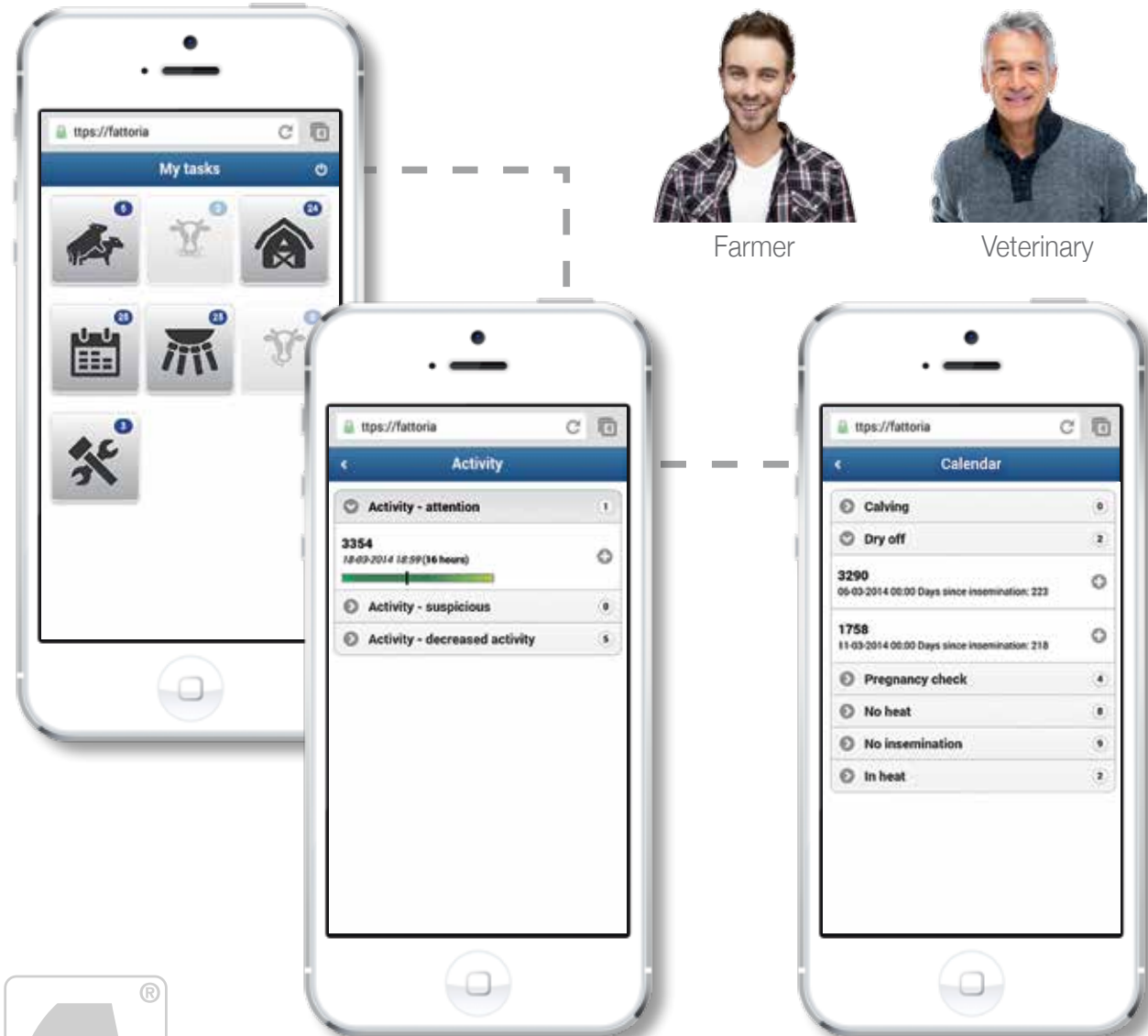
Cow Positioning





Activity Attentions

The software displays all the details on a user friendly chart. The early detection of decreased activity permits to intervene on subclinical illness that can compromise the lactation and the health of the cow.

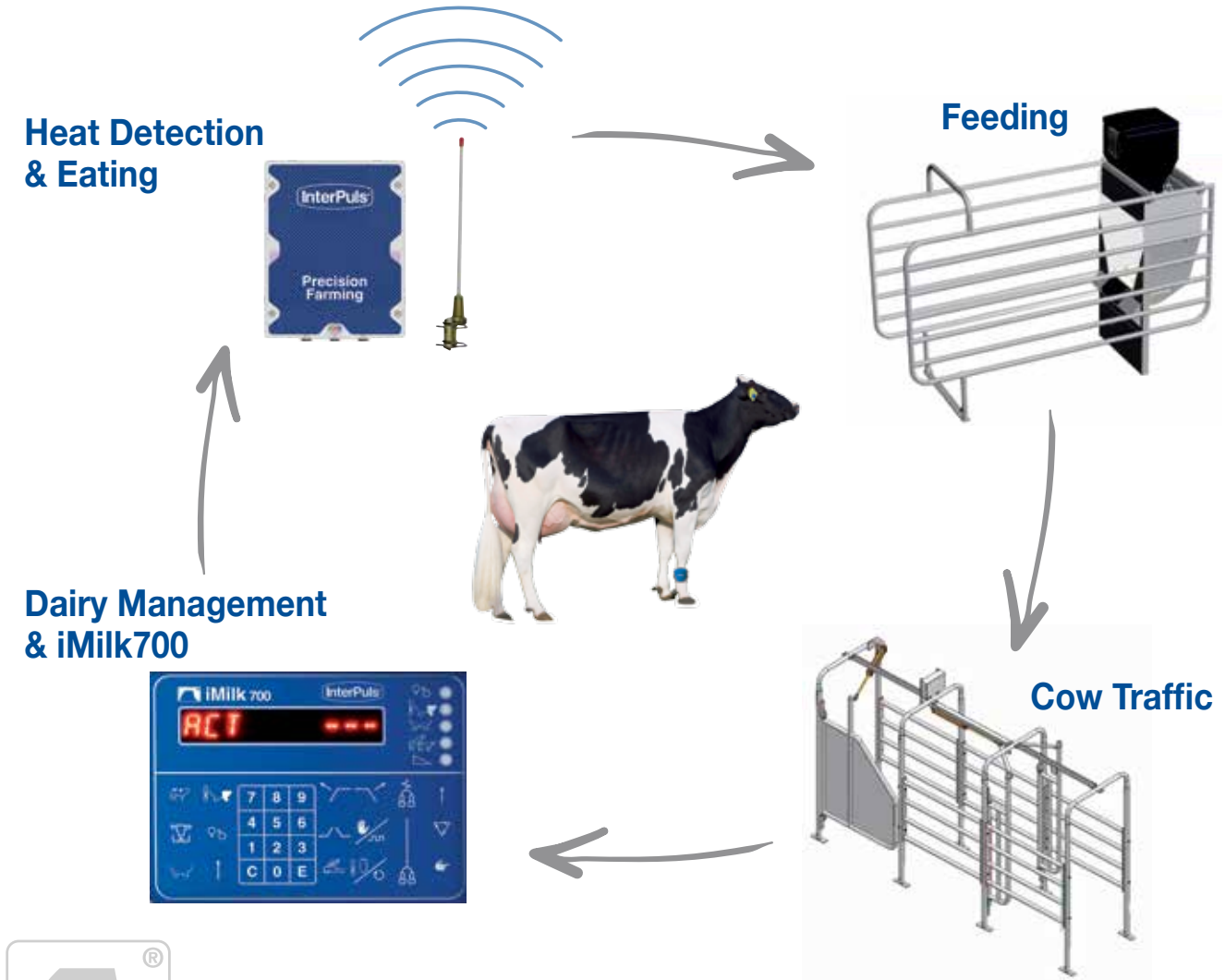




Small Investment, Modular System

In a 100 cows herd is sufficient start with 30 Pedometers or NeckTags.

The Stand Alone system could be upgraded with feeding (up to 16 feed stations), cow traffic and complete Dairy Management with the ICAR approved Milk Meter iMilk700.



This image shows a blank sheet of white paper with horizontal blue or grey ruling lines, typical of notebook paper. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

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