



DAIRYSENSE

Farm Technologies

Herd Management System | Farm Technologies



"With our solutions in livestock management systems, we make livestock farming more efficient and sustainable..."

We Care As Much As You Do, Maybe Even More!



Livestock farming is not just a production process; it is a way of life carried out with patience, effort, and dedication. At Dairysense, we respect every second of that effort.

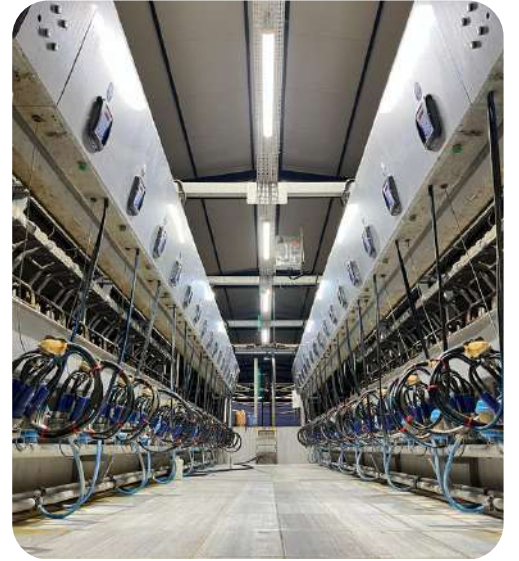
The health, productivity, and comfort of every animal on your farm matter to us just as much as they matter to you. Because we are not just a technology company; we are a solution partner that sees the welfare of your herd and the success of your farm as our own responsibility.

About Us

Dairysense is a technology company established with 100% domestic capital, developing innovative technologies for the agriculture and livestock industry. As a pioneer in Herd Management Systems in Turkey, our company offers integrated solutions that enable 24/7 monitoring of production, reproduction, and health processes in dairy farming.

Our products, developed and tested at our R&D farms, are successfully used in both domestic and international markets. With our strong engineering infrastructure and expert team, we aim to produce advanced technologies for sustainable and efficient milk production.

With its vision of domestic and national production, Dairysense continues to add value to the industry and deliver globally competitive solutions.



YOU CAN TRACK YOUR ANIMALS FROM ALL SMART DEVICES.



Türkiye

Dairysense monitors your animals
24/7, analyzes all the data, and
provides you with reports.





"Our integrated livestock management solutions with modern technology provide farmers with a smarter and more efficient farming experience."

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MILKVISION MILKING POINT CONTROL PANEL

The MilkVision electronic milk meter system is one of the most important tools in sustainable milk production. The Dairysense milk meter unit helps you carry out your animals' milking process in the healthiest way possible.

It allows you to measure even small quantities of milk with high precision. It transmits the milking animal's measurement values live to the herd management system and enables you to keep a complete record of all milk history.



◆ MEASUREMENT AND MONITORING

- High-precision milk measurement
- Milk yield measurement and recording system
- Real-time milk flow rate tracking
- Milking duration measurement and reporting
- Low milk quantity alert
- Mastitis early warning notification
- Abnormal condition detection with temperature sensor

◆ MILKING PROCESS MANAGEMENT

- Precise milking process management
- Automatic milking termination
- Programmable pre- and post-massage function
- Computer-controlled milking prevention support

◆ INTEGRATION AND CONTROL

- Sorting gate support
- Individual identification
- Fully compatible operation with the herd management system





INCREASE YOUR PROFITABILITY WITH EARLY DIAGNOSIS

The Dairysense milk measuring system, integrated with mastitis and temperature sensors, monitors udder health during each milking.

This sensor, developed for the detection of subclinical mastitis, provides early warnings as mastitis begins to develop. While measuring conductivity and milk temperature in real-time during milking, it alerts you at the onset of diseases. This system plays an active role in reducing your treatment costs by enabling early intervention.



♦ ACCURATE DIAGNOSIS FOR EFFECTIVE EARLY TREATMENT

Accurate diagnosis and early treatment play a crucial role in preventing the spread of contagious diseases like mastitis. Pain during disease processes can significantly impact animal welfare.

Mastitis can also affect reproductive performance in animals. For these reasons, early detection of mastitis in cows is important for both animal welfare and herd health.





DAIRYCOLLAR SMART COLLAR

Dairycollar detects heat with high accuracy while also identifying silent heats. By monitoring animals' rumination, feeding, resting, sleep, and breathing processes in real time, it offers comparisons with individual, group, and herd averages. This way, businesses can keep continuous control over their animals' feeding and digestive activities.

Dairycollar collar technology provides farmers with more effective herd management, increasing both animal health and productivity. This innovative solution is an indispensable tool for businesses looking to maximize efficiency in modern cattle farming.



◆ SYSTEM NOTIFICATIONS

- Heat Notification
- Optimal Time Window Detection for Conventional and Sexed Semen Insemination
- Irregular Heat Alert
- Suspected Abortion Alert
- Critical Change Notification
- Rumination Drop Notification
- Abnormal Feeding Notification
- Heat Stress Monitoring
- Resting Time Monitoring
- Sleep Duration Monitoring

◆ EARLY DIAGNOSIS THROUGH SLEEP DURATION!

Dairysense offers a world first by measuring animals' resting and sleep duration separately. By generating a critical change notification based on variations in sleep duration, rumination, feeding, and breathing data, it enables early detection of diseases at the subclinical stage and reduces treatment costs.





S-TAG PEDOMETER

The s-Tag pedometer technology detects heat with high accuracy for both heifers and cows, while also identifying silent heats. It also allows you to continuously monitor animal health and the pregnancy process. As a result, the productivity and welfare of your animals are maximized.

By detecting the start and end times of the heat period, s-Tag calculates the optimal insemination time window on an ongoing basis. This feature is critical for a successful breeding program. With s-Tag pedometer technology, you can step into a new era of herd management and take your animals' health and productivity to the highest level.



◆ SYSTEM NOTIFICATIONS

- Heat Notification
- Optimal Time Window Detection for Conventional and Sexed Semen Insemination
- Irregular Heat Alert
- Suspected Abortion Alert
- Lying Time Monitoring
- Standing Time Monitoring
- Foot Discomfort–Low Activity Alert
- Position Change Monitoring

◆ REAL-TIME HEAT DETECTION

Thanks to its continuously self-updating artificial intelligence technology, the s-Tag pedometer learns the movement patterns unique to each animal it is attached to and measures real activity data. This allows it to deliver heat detection accuracy far above world standards.





THE S-TAG PEDOMETER AND THE DAIRYCOLLAR COLLAR CAN OPERATE ON THE SAME INFRASTRUCTURE!

Dairysense has developed a system that provides economic benefits to businesses while delivering maximum efficiency. In order to keep investment costs to a minimum, we combined the s-Tag pedometer and Dairycollar collar receiver antennas into a single infrastructure. This way, both technologies can be applied to heifers and milking animals as needed.

As a result, businesses can track their animals seamlessly and effectively by using both systems through a single interface. This innovation by Dairysense both balances investment costs and ensures maximum efficiency and control in herd management.

◆ FEATURES

- Can operate jointly with s-Tag and Dairycollar technology.
- Data from animals within a 600-meter area can be collected with a single antenna.
- Thanks to its wide operating voltage range, it is unaffected by electrical fluctuations on farms.
- Resistant to environmental conditions with its IP67-rated protection panel.





ENHANCED IDENTIFICATION SYSTEM

In herd management systems, accurate data is essential for accurate analysis. Correct identification of animals inside the milking parlor ensures that milk data is recorded completely and consistently. Unlike other systems, the Dairysense Identification Antenna features an adjustable reading range. It filters out all interference signals in the environment, offering an adjustable reading distance of up to 150 cm.

The antennas can be used for years without maintenance, unaffected by environmental conditions. Dairysense Identification Antennas achieve an identification rate close to 100% with s-Tag and Dairycollar devices, even without direct line of sight. This increases identification success within the milking parlor, ensuring milk data is recorded accurately and reliably.

♦ AN INNOVATIVE SOLUTION THAT ELIMINATES THE NEED FOR A GATE SENSOR!

One of the biggest problems in herd management systems is those frequent failures of sensors tracking the position of entry-exit gates. Most systems rely on these gate sensors for animal identification. However, when the sensors fail, the identification system goes offline, leading to losses in milk data. It becomes impossible to track which animal produced which milk data.

The Dairysense Identification System solves this problem at its root. Without depending on gate sensors, it performs individual identification at each unit, preventing the loss of milk data while providing a more reliable and uninterrupted identification process.





DAIRYSENSE SMART-GATE SORTING GATE SYSTEM

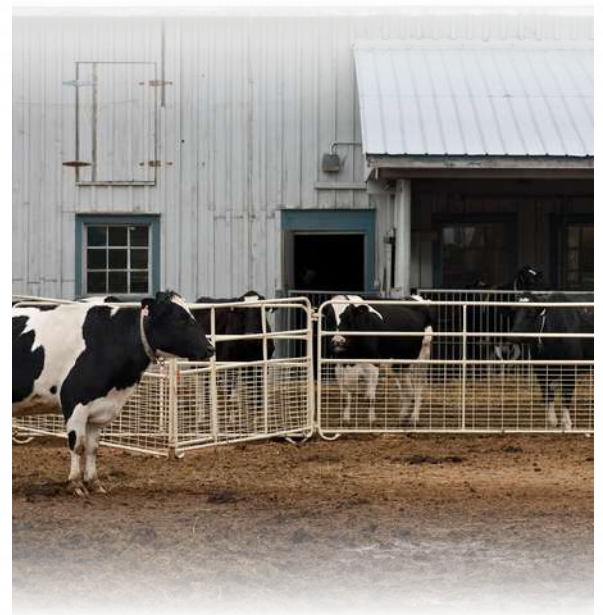
Separating cows in large herds causes stress to the animals and creates a tiring workload for staff. The Dairysense sorting gate system works integrated with the herd management system to help you automatically separate animals.

This process keeps your animals stress-free and saves on labor. You can perform animal sorting within the milking parlor via the DSC control unit, the herd management software, or the mobile app.



◆ AREAS OF USE

- Enables the separation and direction of cows into specific areas.
- Allows management according to cows' individual feeding needs.
- Provides separation capability for cases requiring veterinary intervention.
- Offers a solution for hierarchy and behavioral issues.
- Used to prevent stressful situations for cows and provide a comfortable environment.
- Used to keep cows displaying aggressive behavior or resisting treatment under control, ensuring the safety of farm staff.



THE ANSWER TO ALL YOUR QUESTIONS ON A SINGLE SCREEN!

HOW MANY
ANIMALS DO
I HAVE?

HOW MANY
PREGNANT
ANIMALS DO
I HAVE?

WHAT IS THE
PREGNANT
PERCENTAGE?

HOW MANY
LITERS OF MILK
DID I MILK?

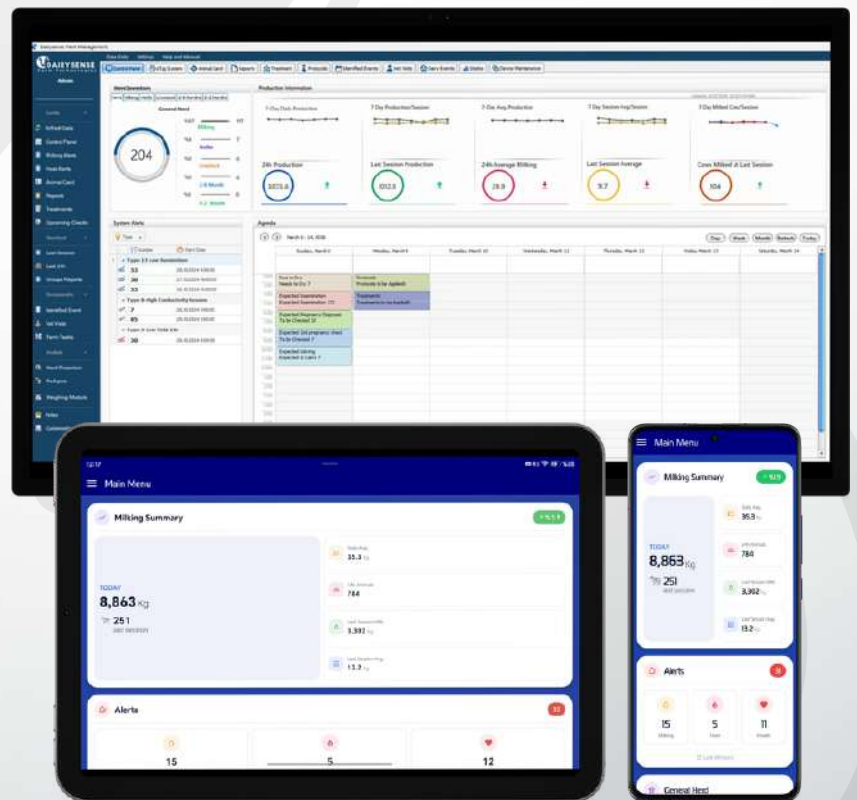
WHAT IS MY
MILK
AVERAGE?

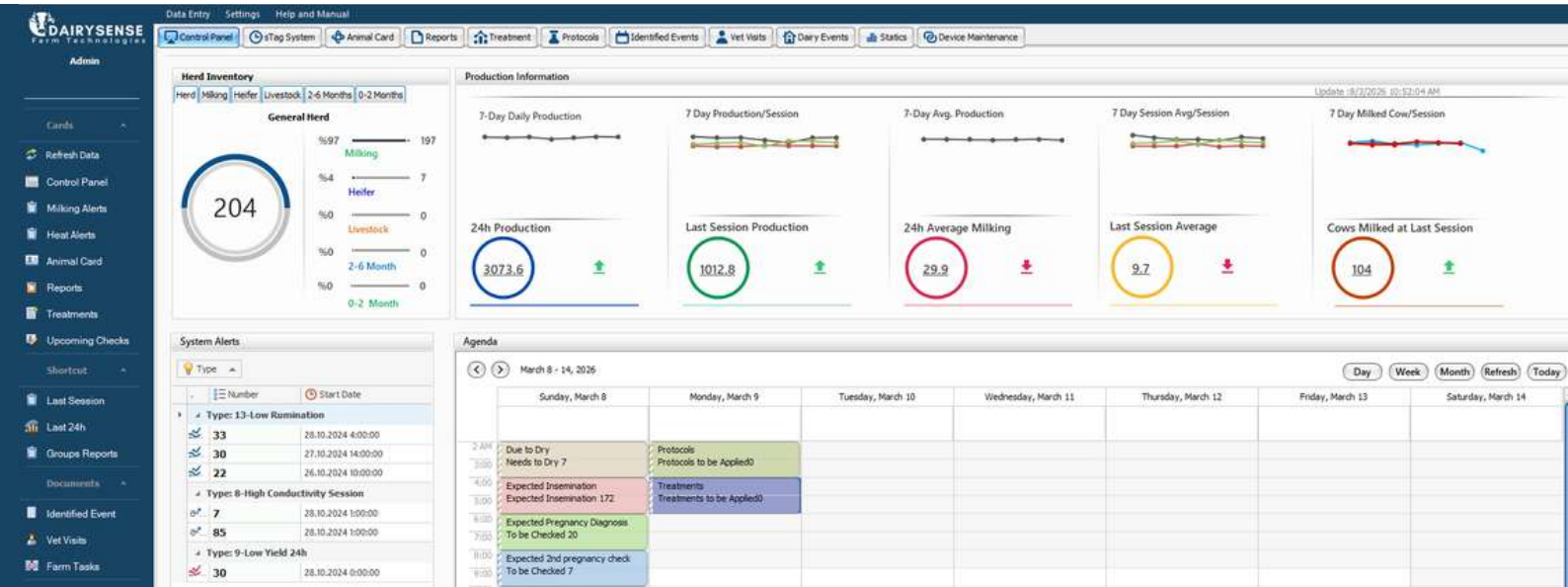
WHAT TASKS
DO I HAVE
TODAY?

WHICH OF MY
ANIMALS ARE
IN HEAT?

HOW MANY
ANIMALS DID
I MILK?

WHICH
ANIMALS
ARE SICK?





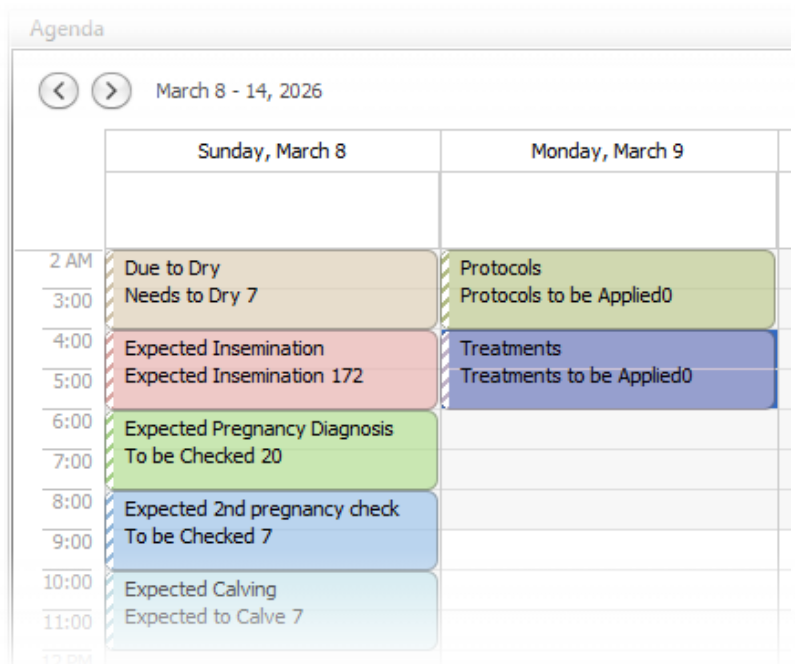
FARM TRACKING IN A SINGLE WINDOW WITH THE DASHBOARD

Easily monitor your entire herd from a single screen. The Dairysense dashboard lets you view live animal counts, status distributions, and percentages. It also presents your farm's 7-day and 24-hour production status in real time. All notifications from s-Tag pedometers and Dairycollar collars are gathered in one central place and delivered to the user in a simple, clear format.

With the agenda feature, you can track the tasks and records you've defined on the farm by day, week, or month. The dashboard gives you a quick grasp of your herd's overall status while offering easy access to the details behind all the data.

◆ DASHBOARD FEATURES

- General Herd Inventory
- Milking Herd Inventory
- Heifer Herd Inventory
- Fattening Herd Inventory
- Calf Herd Inventory
- 7-Day/24-Hour Production Value
- 7-Day/24-Hour Session Production Value
- 7-Day/24-Hour Average Milk Value
- 7-Day/24-Hour Session Average Milk Value
- 7-Day/24-Hour Milking Count
- Easy Notification Tracking
- Agenda



DAIRYSENSE

Help and Manual

Control Panel

Setup Systems

Animal Card

Reports

Treatment

Protocols

Identified Events

Get Alerts

Query Events

Statics

Device Maintenance

Admin

Cards

Refresh Data

Control Panel

Milking Alerts

Heart Monitor

Animal Card

Reports

Treatments

Upcoming Checks

Shortcut

Last Session

Last 24h

Groups Reports

Documents

Identified Cows

Verifies

Farm Tasks

History

Head Projection

Podogram

Weighing Module

Jobs

Customization Menu

Last Session Milking

Milking Summary

Session Production

Previous Session Production

Average Milked

Previous Session Average Milked

Cows Milked At Session

Cows Milked At Previous Session

10/2.8

1995.1

9.3

9.3

96

196.0

Session Information

Date

Session

Unit No.

Cow Number

Day-in milk

Group

Milking Start Date

Milking Duration

Milk yield

Conductivity

Temperature

10-Day Milk Average

Milking team

Heart Control

Upcoming Checks

Peak Before/After Graph

Milking Insequences

Log Off Failure

Excluded from Milking

Milking Statics

Live Activity

Milking Archive

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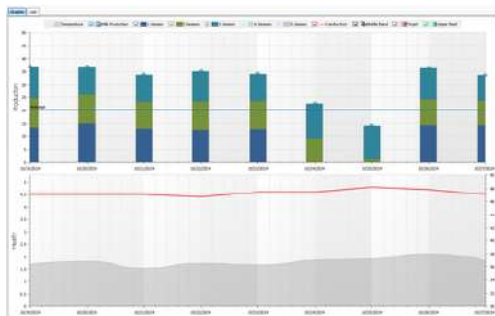
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EVERYTHING UNDER CONTROL WITH DAIRYSENSE SYSTEM24

System24 analyzes your animals' milk yield, heat, and health status in real time, from the moment of milking to all processes throughout the day.

You can monitor each animal's 24-hour changes live, and use the data obtained to evaluate your operations on both a macro and micro scale.

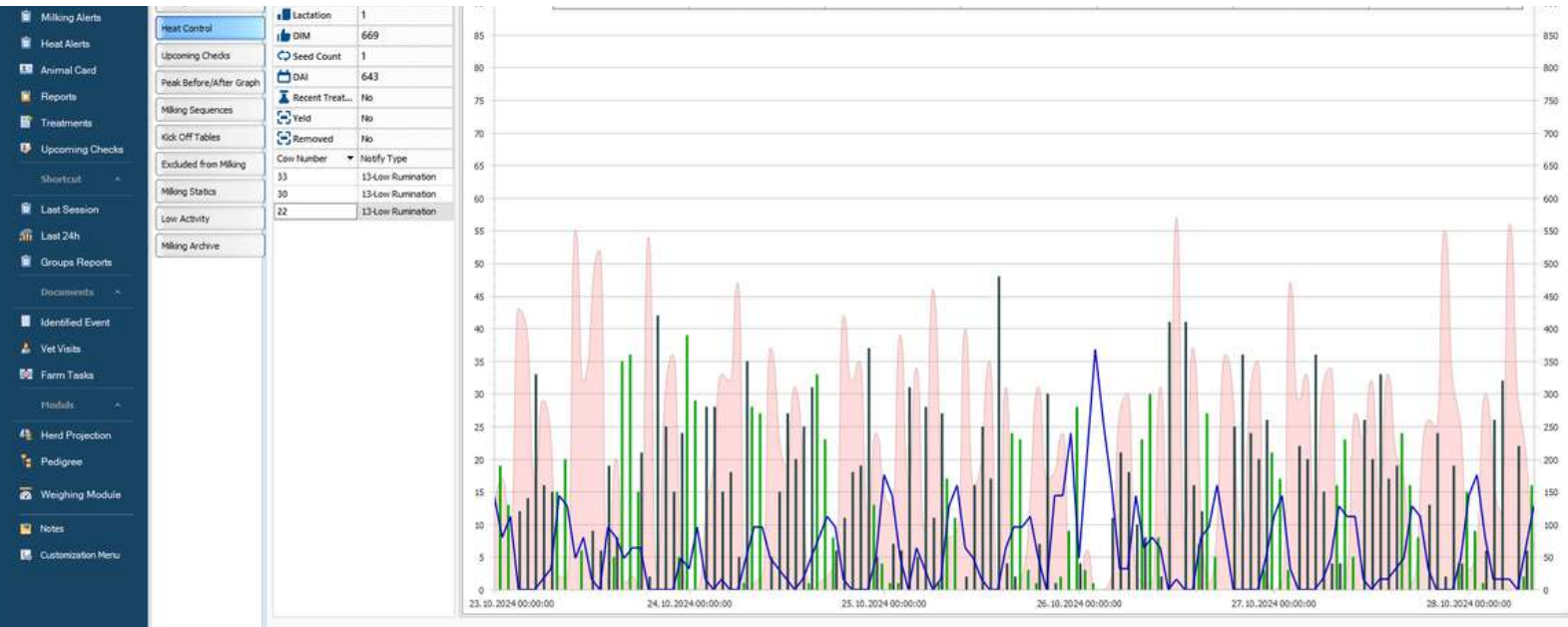
The System24 reporting infrastructure is your strongest guide for making the right decisions and maximizing efficiency on your farm.

SYSTEM24 FEATURES

- Last Session Milking Data
- 24-Hour Milking Data
- Group Milking Summary
- Milk and Udder Health Dashboard
- Heat and Health Dashboard
- Upcoming Tasks Panel
- Overall Farm Milk Chart
- Milking Group Ranking Tracking Panel
- Claw Drop Table
- List of Animals Excluded from Milking
- Milking Data and Low Activity Panel
- Herd-Wide Group-Based Rumination Tracking
- Herd-Wide Group-Based Feed Consumption Tracking
- Herd-Wide Group-Based Sleep and Resting Tracking
- Herd-Wide Group-Based Movement Tracking

0-Default	
Cow Count:	66
DIM Average:	803
Gruplar:	0-Default
Total Milk:	1900.9
Average Milk:	28.8
Conductivity Average:	4.6
Temperature Average:	36.1
Start Date:	10/27/2024
End Date:	8/3/2026

2.Grup	
Cow Count:	28
DIM Average:	707
Gruplar:	2.Grup
Total Milk:	825.6
Average Milk:	29.5
Conductivity Average:	4.7
Temperature Average:	36.5
Start Date:	10/27/2024
End Date:	8/3/2026



	Number	22
	Group	0-Default
	Milk Deviation	-15
	Gyn. Condition	Pregnant
	Lactation	1
	DIM	669
	Seed Count	1
	DAI	643
	Recent Treat...	No

CATCH THE RIGHT MOMENT, INCREASE EFFICIENCY!

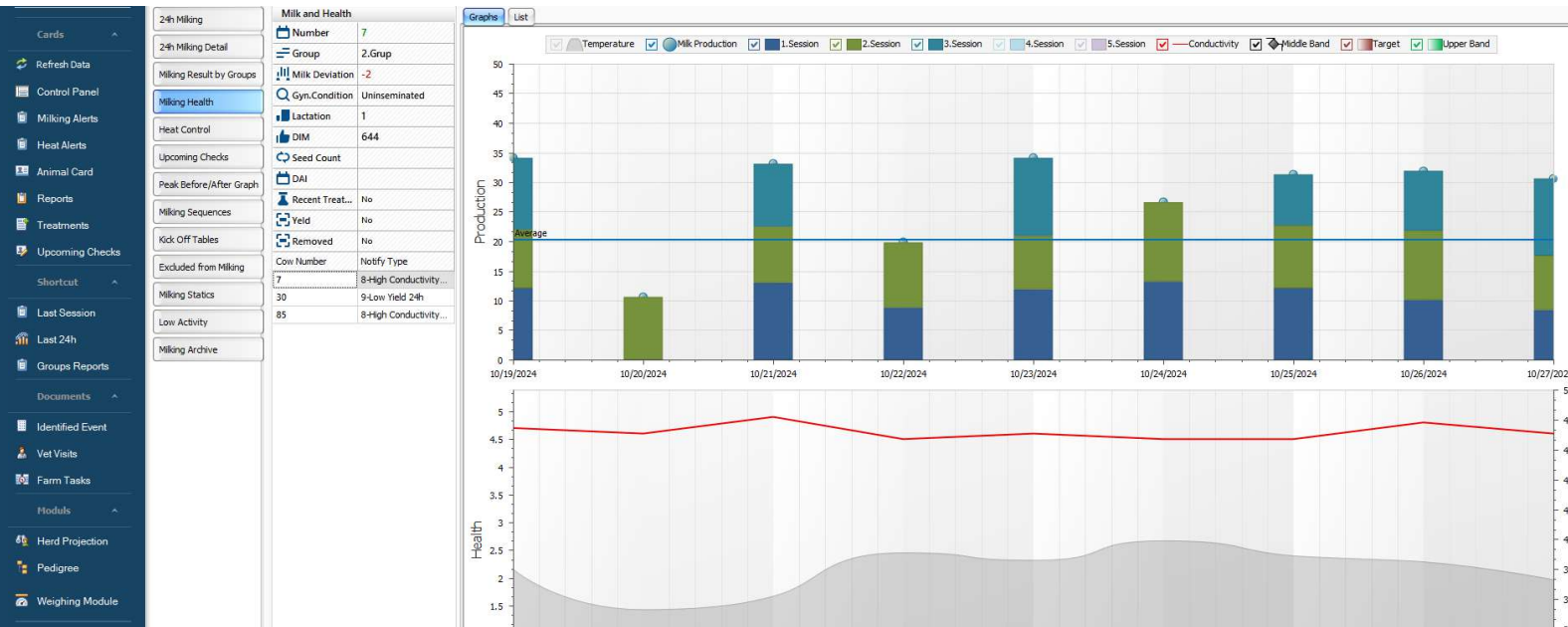
Dairysense automatically determines separate insemination times for conventional and sexed semen. Its advanced heat detection algorithm analyzes animal behavior 7/24, delivering the optimal insemination moment with high accuracy. Clear charts make it easy to track each animal's heat cycle.

The system sends unlimited heat and insemination alerts to all staff at the business. Dairysense automatically determines the optimal insemination time for each animal. You can select the appropriate semen through the software and assign it to the animal, allowing you to manage the entire insemination process in a fully digital, effortless way.

♦ CONTRIBUTIONS OF THE INSEMINATION SYSTEM TO FARM EFFICIENCY

- The reference insemination time is sent to all users, reducing communication traffic.
- It creates separate insemination time windows for conventional and sexed semen.
- Detailed charts allow real-time tracking of animal movements, making it easier for the inseminator to follow the process.
- All data for an animal that triggered a notification can be viewed on the same screen.
- Individual and herd-based notifications can be viewed as charts or lists, with automatic printed output available at a set time.

Number	Ear Tag No	Event	Lactation	Event Day	DIM	Group	Event Day
1		Expected 1...	1	-586	631	2.Gr...	12/25/20
2		Expected 1...	1	-591	636	2.Gr...	12/20/20
3		Expected 1...	1	-594	639	2.Gr...	12/17/20
4		Expected 1...	1	-594	639	2.Gr...	12/17/20
5		Expected 1...	1	-595	640	2.Gr...	12/16/20
6		Expected 1...	1	-597	642	0-D...	12/14/20
7		Expected 1...	1	-599	644	2.Gr...	12/12/20
8		Expected 1...	1	-600	645	0-D...	12/11/20
10		Expected 1...	1	-601	646	2.Gr...	12/10/20
11		Expected 1...	1	-602	647	0-D...	12/9/202
13		Expected 1...	1	-607	652	2.Gr...	12/4/202
14		Expected 1...	1	-608	653	0-D...	12/3/202
15		Expected 1...	1	-612	657	2.Gr...	11/29/20
16		Expected 1...	1	-611	656	2.Gr...	11/30/20
17		Expected 1...	1	-616	661	0-D...	11/25/20
19		Expected 1...	1	-618	663	2.Gr...	11/23/20
20		Expected 1...	1	-618	663	0-D...	11/23/20
21		Expected 1...	1	-624	669	2.Gr...	11/17/20
23		Expected 1...	1	-627	672	0-D...	11/14/20
24		Expected 1...	1	-630	675	2.Gr...	11/11/20
25		Expected 1...	1	-631	676	0-D...	11/10/20
26		Expected 1...	1	-633	678	2.Gr...	11/8/202
28		Expected 1...	1	-637	682	2.Gr...	11/4/202
29		Expected 1...	1	-643	688	0-D...	10/29/20
30		Expected 1...	1	-648	685	2.Gr...	11/1/202



Milk and Health	
Number	7
Group	2.Group
Milk Deviation	-2
Gyn.Condition	Uninseminated
Lactation	1
DIM	644
Seed Count	
DAI	
Recent Treat...	No

CAPTURE THE RIGHT DATA, INCREASE YOUR MILK YIELD!

Dairysense monitors each animal's milk yield 24/7, analyzing production performance in real time. Its advanced algorithms detect post-milking fluctuations in milk quantity, yield drops, and health-related anomalies with high accuracy. Clear charts make it easy to track each animal's milk yield curve, turning production management into a data-driven process.

The system continuously monitors abnormal drops in milk yield along with changes in milk temperature and conductivity. This allows mastitis risk to be identified at an early stage, and the system sends unlimited alerts to all staff. Dairysense digitizes management by presenting individual and herd-based milk analyses on a single screen, saving time and boosting efficiency.

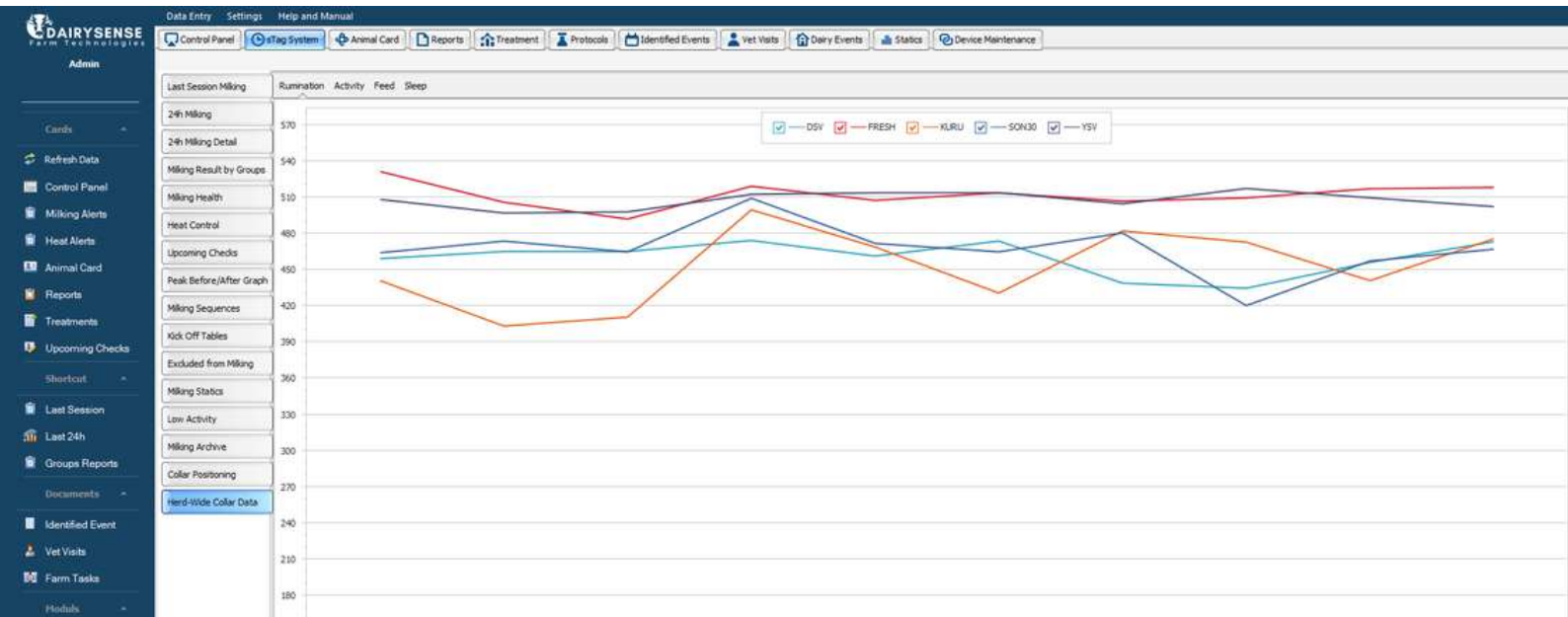
♦ CONTRIBUTIONS OF THE MILK TRACKING SYSTEM TO FARM EFFICIENCY

- Milk yield notifications are sent to all users, reducing communication traffic.
- It creates a separate milk yield and conductivity analysis range for each animal.
- Detailed charts track changes in milk quantity, temperature, and conductivity, making it easier for the operator to follow the process.
- All milk and health data for an animal that triggered a notification can be viewed on the same screen.
- Individual and herd-based milk reports can be tracked as charts or lists, with automatic printed output available at a set time.

Graphs

List

Selection		 Cow Information		
	☐	Number	Notify Type	Group
▶	☐	7	8-High Conductivi...	2.Grup
	☐	30	9-Low Yield 24h	2.Grup
	☐	85	8-High Conductivi...	0-Default



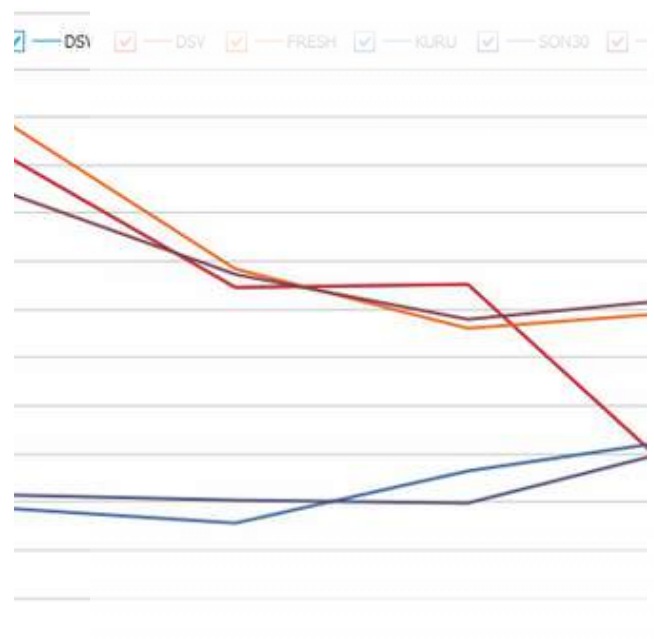
GROUP-BASED RUMINATION, FEEDING, SLEEP, AND MOVEMENT ANALYSIS

Dairysense analyzes herd-wide behavioral data to provide real-time, group-based tracking of rumination, feed consumption, sleep, and movement. This allows herd health and performance to be assessed holistically, with potential feeding imbalances or health issues identified at an early stage.

The system helps you make the right herd management decisions by comparing behavioral changes across different groups. The impact of ration changes or environmental conditions on the herd becomes clearly visible, making feed management and productivity improvement processes fully data-driven.

♦ CONTRIBUTIONS OF THE GROUP-BASED TRACKING SYSTEM TO FARM EFFICIENCY

- Each group's rumination, movement, feeding, and sleep durations are automatically tracked throughout the day.
- The system creates separate analysis ranges for each group, clearly showing changes in behavior.
- Charts make it easy to see which group is behaving differently than normal or experiencing a drop in performance.
- Group-based declines provide early warning of potential issues with feed, health, or environmental conditions.
- All information for a group that triggered a notification can be viewed on a single screen, allowing imbalances in the herd to be spotted quickly.



Cards	24h Milking Detail	1	2062	FRESH	04.08.2025 - 06:03:00
Refresh Data	Milking Result by Groups	1	385	FRESH	04.08.2025 - 06:03:00
Control Panel	Milking Health	1	1961	FRESH	04.08.2025 - 06:04:00
Milking Alerts	Heat Control	1	2096	FRESH	04.08.2025 - 06:05:00
Heat Alerts	Upcoming Checks	1	2072	FRESH	04.08.2025 - 06:05:00
Animal Card	Peak Before/After Graph	1	1968	FRESH	04.08.2025 - 06:05:00
Reports	Milking Sequences	1	1955	FRESH	04.08.2025 - 06:07:00
Treatments	Kick Off Tables	1	544	FRESH	04.08.2025 - 06:07:00
Upcoming Checks	Excluded from Milking	1	2066	FRESH	04.08.2025 - 06:07:00
Shortcut	Milking Statics	1	429	FRESH	04.08.2025 - 06:07:00
Last Session	Low Activity	1	1783	FRESH	04.08.2025 - 06:08:00
Last 24h	Milking Archive	1	422	FRESH	04.08.2025 - 06:08:00
Groups Reports	Collar Positioning	1	542	FRESH	04.08.2025 - 06:08:00
Documents	Herd-Wide Collar Data	1	1804	FRESH	04.08.2025 - 06:08:00
Identified Event		1	2086	FRESH	04.08.2025 - 06:09:00
Vet Visits		1	417	FRESH	04.08.2025 - 06:09:00
Farm Tasks		1	2029	FRESH	04.08.2025 - 06:09:00
Modules		1	1842	FRESH	04.08.2025 - 06:09:00
Herd Projection		1	380	FRESH	04.08.2025 - 06:10:00
Pedigree		1	2083	FRESH	04.08.2025 - 06:10:00
Weighing Module		1	527	FRESH	04.08.2025 - 06:11:00
Notes		1	537	FRESH	04.08.2025 - 06:12:00
		1	455	FRESH	04.08.2025 - 06:12:00
		1	1865	FRESH	04.08.2025 - 06:13:00
		1	1737	FRESH	04.08.2025 - 06:13:00
		1	541	FRESH	04.08.2025 - 06:13:00
		1	1993	FRESH	04.08.2025 - 06:19:00
		1	1929	FRESH	04.08.2025 - 06:19:00
		1	1948	FRESH	04.08.2025 - 06:21:00
		1	2049	FRESH	04.08.2025 - 06:21:00
		1	1541	FRESH	04.08.2025 - 06:21:00
		1	2055	FRESH	04.08.2025 - 06:21:00
		1	421	FRESH	04.08.2025 - 06:22:00
		1	456	FRESH	04.08.2025 - 06:22:00
		1	1975	FRESH	04.08.2025 - 06:23:00

1517	DSV	05.11.2025 - 08:20:00
477	DSV	05.11.2025 - 08:21:00
1509	DSV	05.11.2025 - 08:21:00
1748	DSV	05.11.2025 - 08:23:00
431	DSV	05.11.2025 - 08:23:00
1430	DSV	05.11.2025 - 08:24:00
424	YSV	05.11.2025 - 08:24:00
530	DSV	05.11.2025 - 08:25:00
537	DSV	05.11.2025 - 08:25:00
384	DSV	05.11.2025 - 08:25:00
455	DSV	05.11.2025 - 08:26:00

INSTANTLY DETECT ANIMALS THAT HAVE MIXED GROUPS!

Mixing of animal groups can lead to a drop in milk yield, incorrect feeding and treatments, and even an increased risk of disease. Maintaining group integrity is critical for healthy production and accurate data analysis.

The Dairysense herd management software automatically detects animals that have mixed into the wrong group after each milking and provides detailed reports.

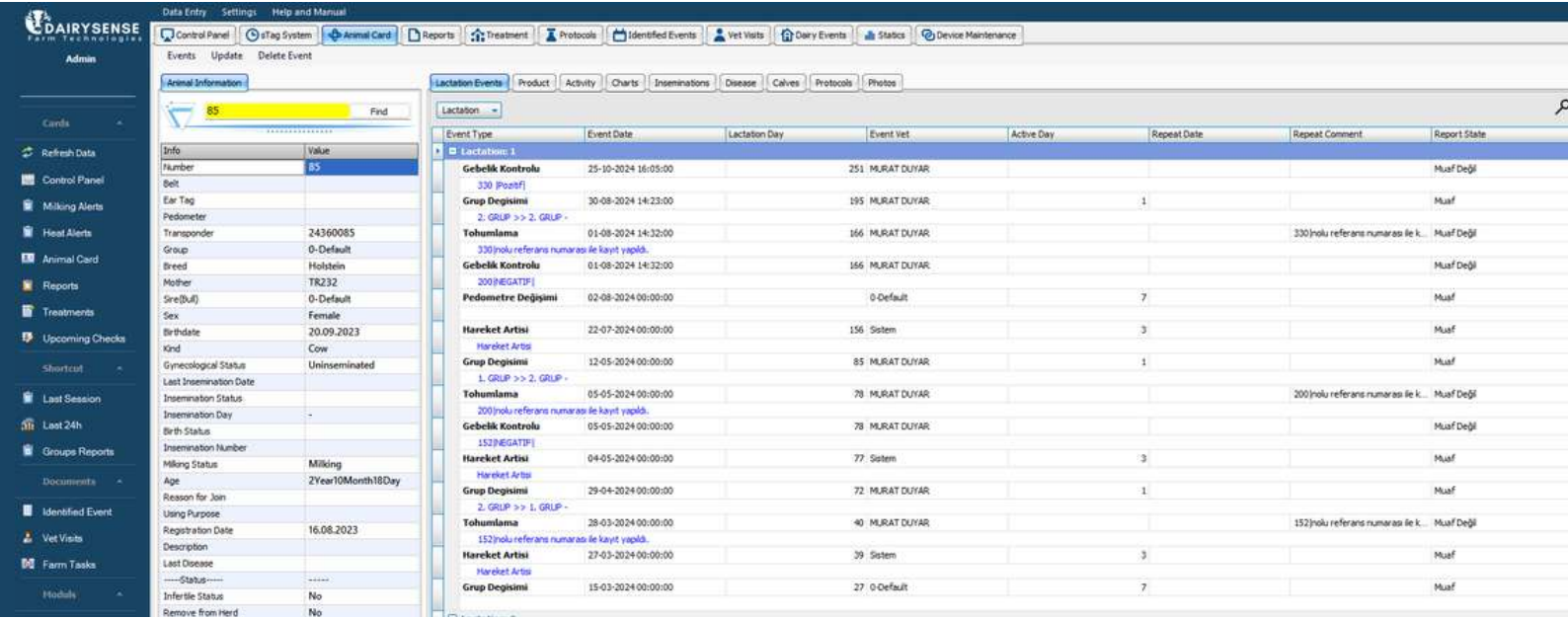
INSTANTLY REPORT MILKING DISRUPTIONS!

Dairysense herd management software automatically reports all disruptions occurring during the milking process. Animals that should be milked but do not enter the milking process, animals that frequently drop the claw set during milking, and other anomalies are detected by the system.

This information, analyzed together with archive data, is presented in detailed reports to improve both milking performance and equipment efficiency.

Those Without Milking Data

System Number	Last Milking Data Date
1555	25.10.2025
1764	3.11.2025
1744	31.10.2025
1451	1.11.2025
503	2.11.2025



Last 10 Day Milk Product			
Milk Date	Conductivity	Temperature	1. Season
01/01/2024	4.1	37.5	24.4
02/01/2024	4.1	37.4	13.4
03/01/2024	4.1	37.2	13.9
04/01/2024	4.4	37.9	13.8
05/01/2024	4.2	38.4	13.4
06/01/2024	4.3	38.1	13.4
07/01/2024	4.3	38.1	13.2
08/01/2024	4.4	37.8	14.1
09/01/2024	4.3	37.4	14.2
10/01/2024	4.2	37.2	14.1

24h Milked Informations		10-day Average Informations	
24h Product:	37	Avg. Product:	51.2
Last Session Product:	21.2	10-day Total Product:	512
Last Session Milking Duration:	00:07:54	1. Season Average:	25.6
Max. Flow:	2860	2. Season Average:	
Conductivity:	4.5	3. Season Average:	
Temperature:	37.3	4. Season Average:	
		5. Season Average:	

ALL HISTORICAL DATA IN ONE SCREEN WITH THE ANIMAL CARD

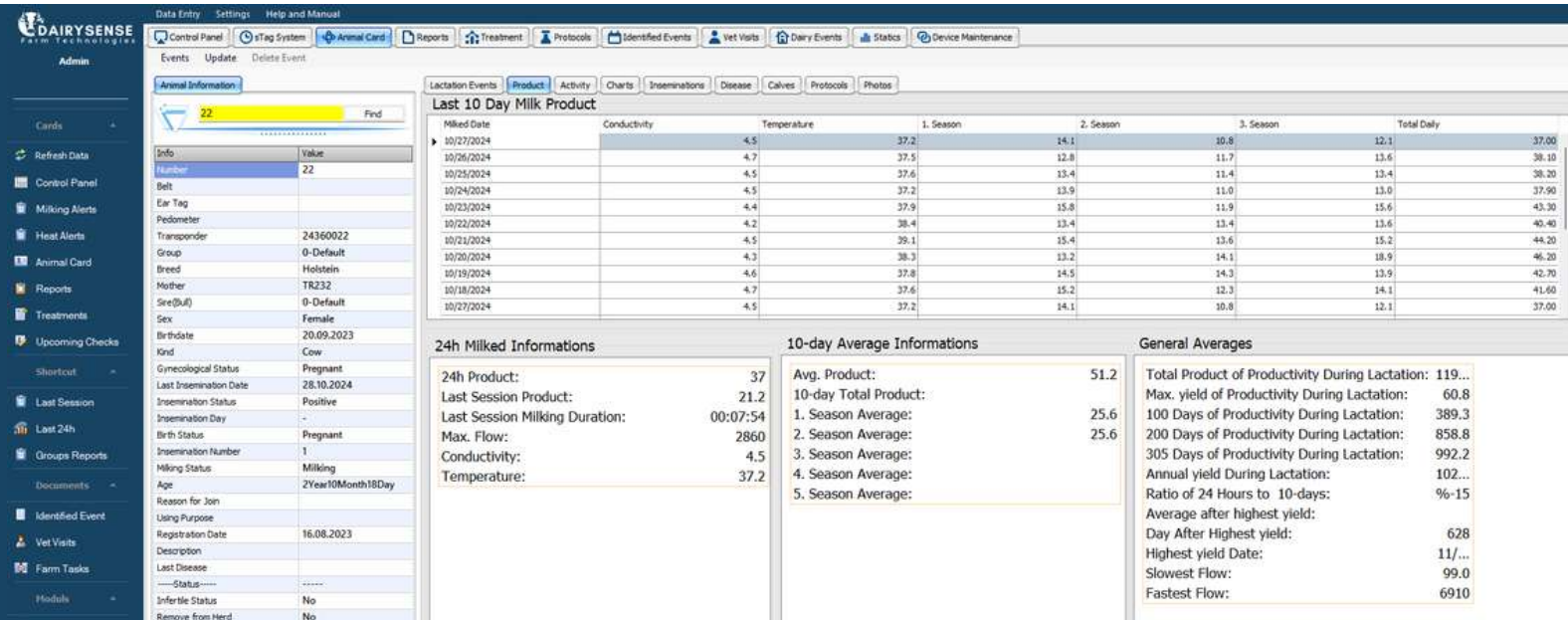
With Dairysense's comprehensive animal card module, all procedures performed on an animal – from birth to exit from the herd – are recorded on the animal card.

You can track information on animals' current lactation periods, treatments, vaccinations and other procedures performed, production data, production comparison charts between lactations, and individual milk production compared against the herd, group, and other criteria. Past data can be used as a reference when performing a new procedure on an animal. With the mobile app, data can be entered directly in the field without needing to visit the management office, and it is synchronized in real time.

EASY PROCESS MANAGEMENT MODULES WITH THE ANIMAL CARD

- Individual Information Panel
- Unlimited Historical Lactation Event Tracking
- System Alert History
- Individual 24-Hour / 10-Day / Lactation Production Data
- Individual Activity / Rumination / Feeding / Sleep / Resting / Breathing Data
- Milk and Activity Charts
- Milk Persistency
- Herd / Group / Individual Activity, Rumination, Feeding, Sleep, and Resting Charts
- Insemination History
- Treatment History
- Protocol History
- Photo Archive

activity	Charts	Inseminations	Treatment
Sire Name		Doctor	
Lux		Ali Çetin	
Lux		Ali Çetin	
0-Default		ALİ ÇETİN	



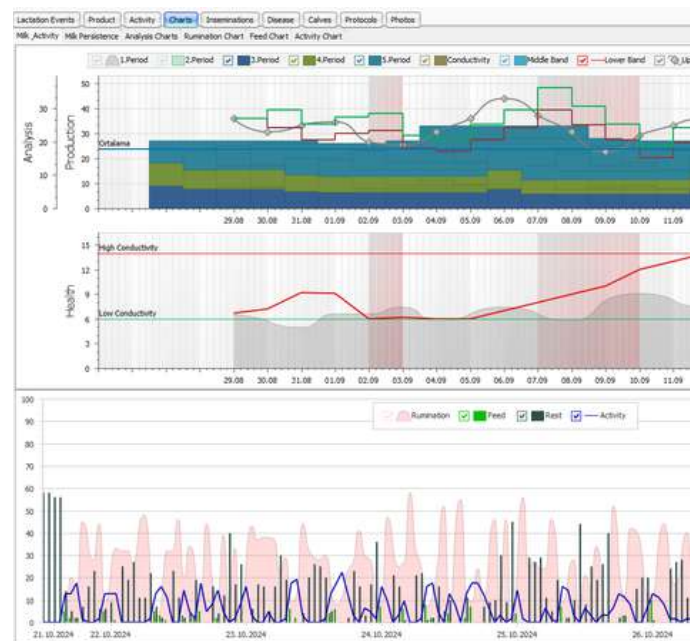
SMART PRODUCTION TRACKING WITH DETAILED MILK DATA

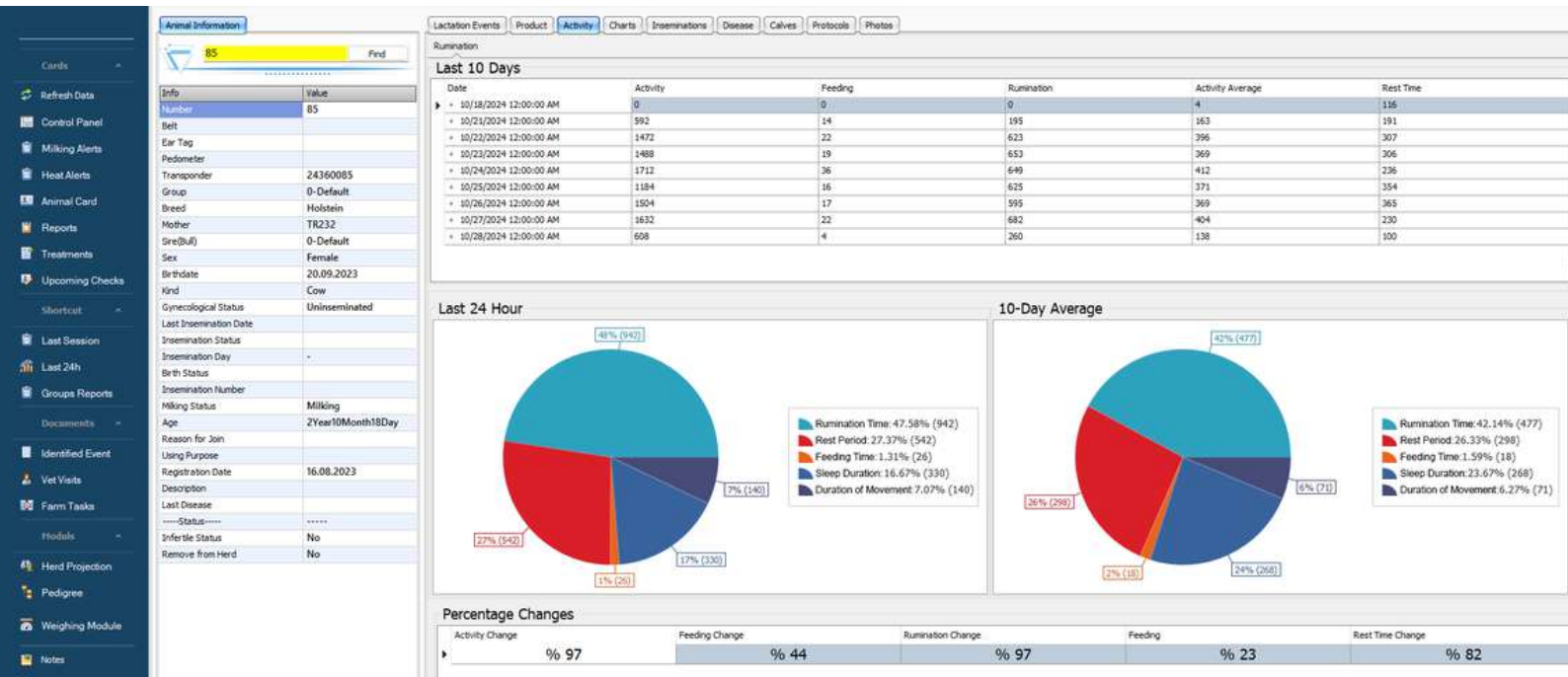
Each animal's individual card keeps a historical milk production archive along with 24-hour and last-10-day average production data. The overall lactation average is also continuously updated by the system, allowing the animal's production performance to be monitored in real time.

In the animal card module, the maximum milk yield reached during lactation, production amounts for the first 100, 200, and 305 days, and total milk production are displayed in detail. The entire milking flow, duration information, and comparisons across past lactations are analyzed together with the animal's group and gynecological status, making yield tracking easier.

EASY PROCESS MANAGEMENT MODULES WITH THE ANIMAL CARD

- Session-based milk, conductivity, and temperature tracking
- 24-hour milk production quantity analysis
- 7-, 10-, 30-day, and full-lactation production charts
- Milking duration and milk flow rate tracking
- Peak production and post-peak milk decline curve monitoring
- Fast/slow milk flow value comparison
- Milking efficiency and equipment performance analysis
- Mastitis early warning system based on conductivity changes
- Group and individual milk production comparison reports
- Performance comparison with past lactation data
- Average milk yield per milking and deviation analysis





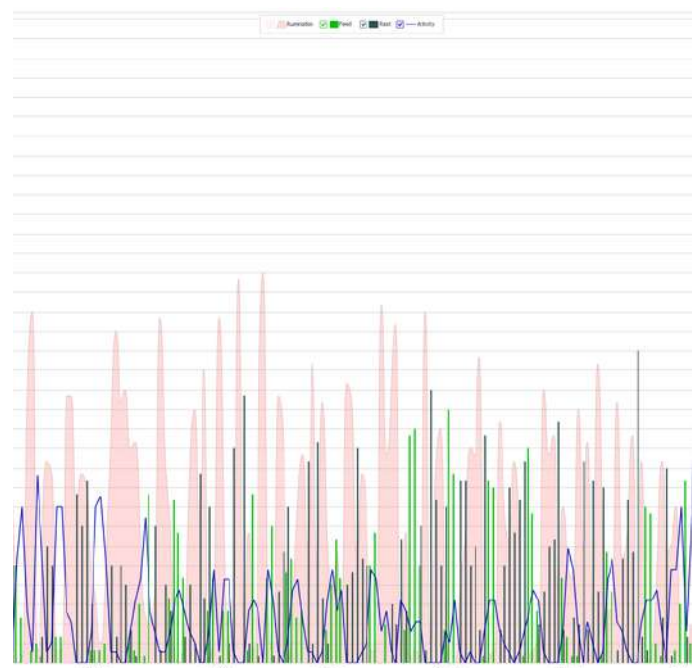
SMART HERD TRACKING WITH DETAILED BEHAVIORAL DATA

Each animal's individual card records historical activity, rumination, feeding, sleep, and resting durations in detail. Along with 24-hour data, the system continuously updates 7-, 10-, and 30-day averages, making it possible to monitor the animal's behavior and health status in real time.

This information, obtained from collar data, can be easily interpreted through charts. Sudden changes in rumination, movement, or feeding duration enable early diagnosis of diseases. The system compares individual and group-based behavioral analyses to detect abnormalities in the herd and sends early warning notifications to managers.

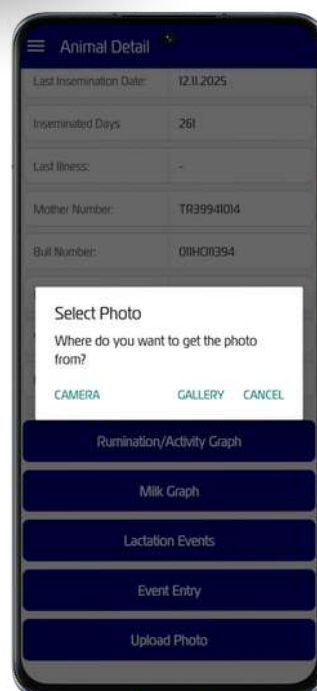
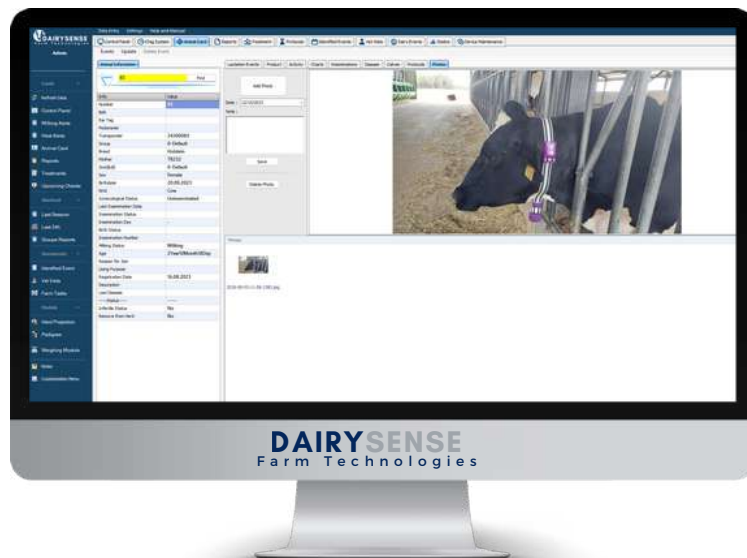
♦ EASY PROCESS MANAGEMENT MODULES WITH THE ANIMAL CARD

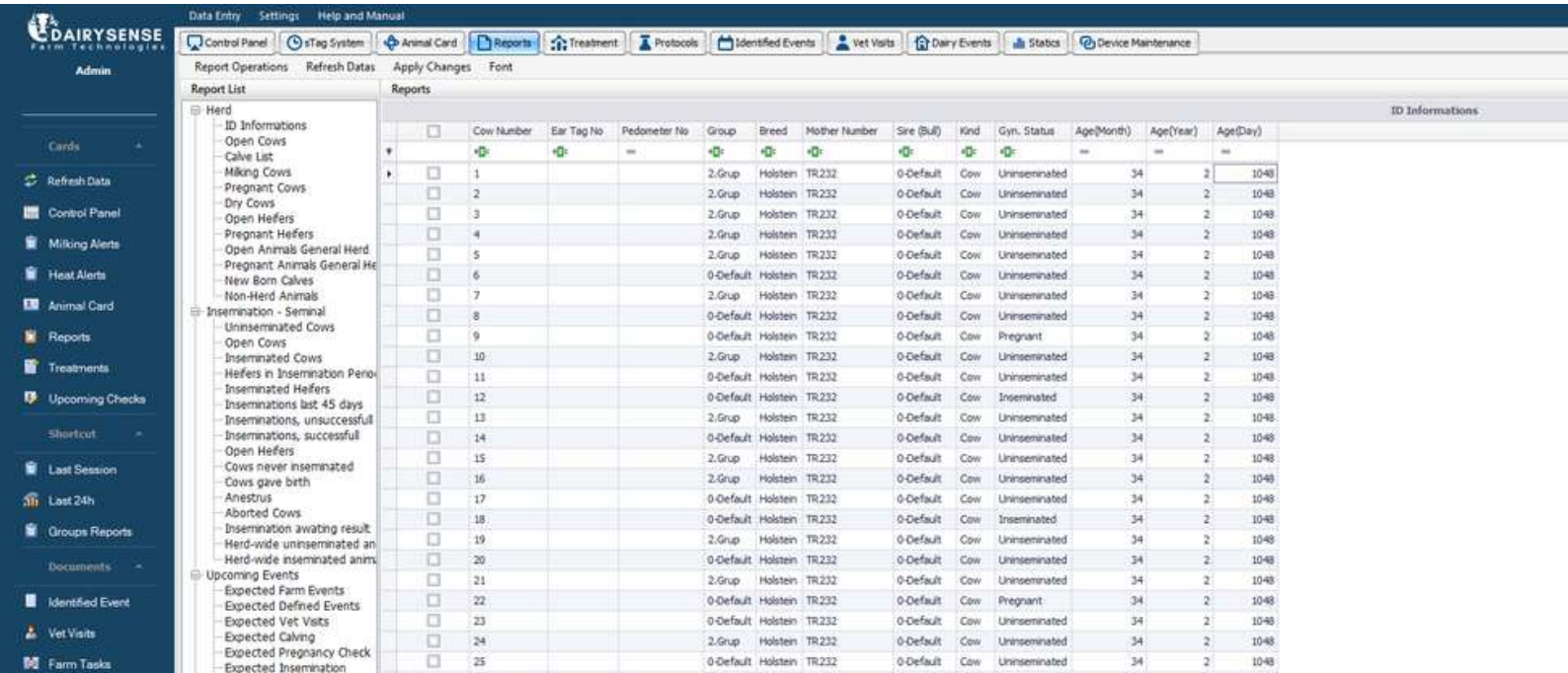
- 24-hour individual rumination, feeding, movement, sleep, resting, and breathing reports
- 7-, 10-, and 30-day behavior and health charts
- Heat detection charts and natural cycle analysis
- Health status change curves and early disease detection
- Alert system for declines in feeding and rumination durations
- Stress analysis through sleep, resting, and breathing balance tracking
- Group-based behavior comparison reports
- Individual behavior history and performance comparisons
- Tracking the relationships between yield, behavior, and health through charts



A WORLD FIRST

UPLOAD PHOTOS FROM YOUR MOBILE PHONE!





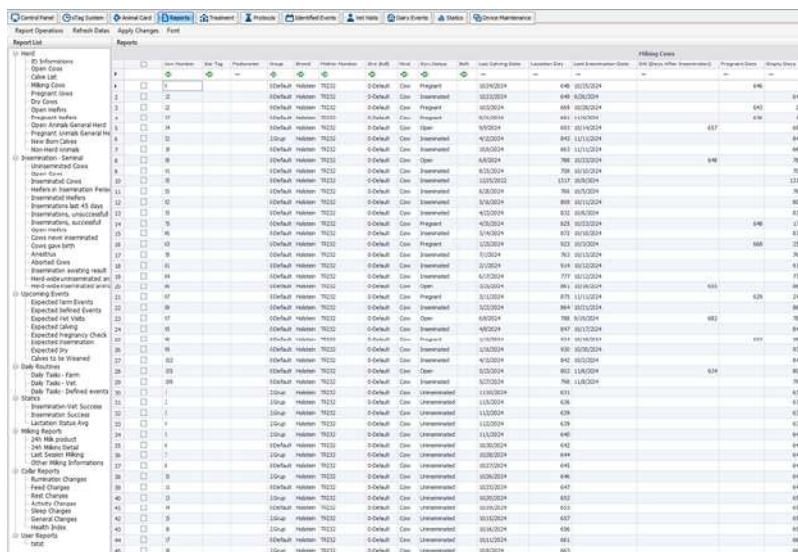
EASY TRACKING WITH SUPPORT FOR PERSONALIZED REPORTS

Dairysense's comprehensive reporting technology offers a wide range of ready-made reports for whatever your farm may need. You can also easily create your own reports. You can edit report names as you wish, combining around 90 different data headings in the system with the filters and comparisons you want to create fully customized reports.

Within the reports you create, you can define new columns related to the report content, allowing you to build your own tracking lists inside the report. With an infrastructure capable of providing every list you need on the farm, the Dairysense reporting module also gives you access to all statistical data on your farm.

DAIRYSENSE REPORTING MODULES

- Herd Reports
- Animals Exited from Herd Reports
- Calf Reports
- Insemination Reports
- Reproduction Reports
- Probable Pregnancy Reports
- Non-Heat-Showing Animals Report
- Pending Event Reports
- Routine Task Reports
- Milk Reports
- Collar Reports
- Pedometer Reports
- Statistics Reports
- Unlimited User-Defined Reports



System Number	Name	Treatment	Veterinarian	Heat	Flows	Medication	Medication	Dose	Unit	Frequency	Application Duration (Days)	Milk Withdrawal (Days)	Meat Withdrawal (Days)	Result
14	RIGHT FORE QUARTER	RIGHT FORE QUARTER	DOĞAN GEZ	0		1	UDDER OINTMENT	1 g		1		1		1 Pending
14	LEFT FORE QUARTER	LEFT FORE QUARTER	DOĞAN GEZ	0		1	TEAT DIP	1 cc		1		1		1 Pending
168	PNOMONIA	PNOMONIA	DOĞAN GEZ	0		1	TILMICOSIN	1 cc		1		1		1 Pending
168	PNOMONIA	PNOMONIA	DOĞAN GEZ	0		1	FULMED	1 cc		1		1		1 Pending
168	PNOMONIA	PNOMONIA	DOĞAN GEZ	0		1	YELDOR	1 cc		1		1		1 Pending
168	PNOMONIA	PNOMONIA	DOĞAN GEZ	0		1	ADEMİN	1 cc		1		1		1 Pending
87	RIGHT FORE QUARTER	RIGHT FORE QUARTER	DOĞAN GEZ	0		1	UDDER OINTMENT	1 g		1		1		1 Pending
85	MASTITIS	MASTITIS	DOĞAN GEZ	0		1	CEFANEL	1 cc		1		1		1 Pending
86	CLINICAL MASTITIS	CLINICAL MASTITIS	DOĞAN GEZ	0		1	CEFANEL	1 cc		1		1		1 Pending
14	RIGHT FORE QUARTER	RIGHT FORE QUARTER	DOĞAN GEZ	0		1	UDDER OINTMENT	1 g		1		1		1 Pending
14	LEFT FORE QUARTER	LEFT FORE QUARTER	DOĞAN GEZ	0		1	TEAT DIP	1 cc		1		1		1 Pending
168	PNOMONIA	PNOMONIA	DOĞAN GEZ	0		1	TILMICOSIN	1 cc		1		1		1 Pending
168	PNOMONIA	PNOMONIA	DOĞAN GEZ	0		1	FULMED	1 cc		1		1		1 Pending
168	PNOMONIA	PNOMONIA	DOĞAN GEZ	0		1	YELDOR	1 cc		1		1		1 Pending

DISEASE / VACCINE / PROTOCOL TRACKING

The Dairysense Treatment Module allows you to track treatment processes on a daily basis. The diagnosis, application, and recovery processes of animals under treatment can be monitored in detail through the system. Medications used during the process can be changed, and all procedures performed are automatically recorded on the animal card. This lets you easily see what stage treatments are at, along with all past successful or unsuccessful treatment processes.

The Dairysense Vaccine Module tracks the vaccine protocols you create specifically for your farm. Animals that meet the defined protocol are automatically added to the vaccination list. The system detects and notifies you of vaccinations due or overdue across the herd, so no vaccination schedule is ever missed.

Protocol Name	Protocol Category	Duration (Days)
ROTO-CO...	Calving Day	210
MASTITIS TREA...	Calving Day	225
ROTO-CO...	Calving Day	240
MASTITIS TREA...	Calving Day	255
MASTITIS TREA...	Lactation...	50
INTRA MAMM...	Dry Period	7
CRYPTO S...	Dry Period	4
PNEUMONIA...	Dry Period	25
PNEUMONIA...	Dry Period	45
ENTEROTOXEMIA	Dry Period	60
ENTEROTOXEMIA	Dry Period	75
RINGWORM VACC...	Dry Period	90
RINGWORM VACC...	Lactation...	105
ADEMİN + YELDIF	Dry Period	1
IMMUN MODULATOR	Dry Period	1
NAVEL VACCINAT...	Dry Period	1
FOOT ROT TREA...	Dry Period	1
FOOT CARE SET	Dry Period	120
FOOT CARE SET	Dry Period	140
BOTULISM VACCINE	Dry Period	160
BOTULISM VACCINE...	Dry Period	180

System No	Group Name	Disease	Etiological Agent
Protocol Name: ADEMİN + YELDIF (10ML + 10ML)			
Protocol Name: ADEMİN + YELDIF (1ML + 1ML)			
Protocol Name: ADEMİN + YELDIF ENJ. (1ML + 1ML)			
Protocol Name: PAIN RELIEF AND ANTI-INFLAMMATORY (UNTIL THE TIME NECESSARY)			
Protocol Name: ANIONIC TRANSITION COW			
Protocol Name: ANIONIC TRANSITION DRY COW			
Protocol Name: BOTULISM VACCINE (BOTUDOLL)			
Protocol Name: BOTULISM VACCINE RAPEL (BOTUDOLL)			
Protocol Name: FOOT ROT VACCINE (BOVIVAX FOOT ROT VACCINE)			
Protocol Name: FOOT BATH AND HOOF TREATMENT			
Protocol Name: ENTEROTOXEMIA (TOXIPRA RAPEL)			
Protocol Name: ENTEROTOXEMIA (TOXIPRA)			
Protocol Name: CALVING CONTROL - ASSISTANCE REMOVAL COW			
Protocol Name: NAVEL VACCINE AND REMOVAL (NEOTLA)			
Protocol Name: FIRST 24 HOURS RAPID RECOVERY - ENTRY ANALOG VUR.			

DAIRYSENSE Farm Technologies										
Data Entry Settings Help and Manual										
Milkling Parlor Live Receiver Live										
Drag a column header here to group by that column										
Milk Order No.	Operating Mode	Gate Status	Cow No.	Milk Yield	Duration	Flow Rate	Average Flow	Flow Level	Searching Status	
1001	Waiting	None	157	6,91	00:07:54	4,462	0	0	0	
1002	Waiting	None	95	4,44	00:07:13	4,353	0	0	0	
1003	Waiting	None	409	11,11	00:10:55	4,408	0	0	0	
1004	Waiting	None	34	7,65	00:09:25	4,856	0	0	0	
1005	Waiting	None	102	9,13	00:10:33	4,827	0	0	0	
1006	Waiting	None	209	7,9	00:10:40	4,719	0	0	0	
1007	Waiting	None	27	12,1	00:10:56	4,879	0	0	0	
1008	Waiting	None	176	5,18	00:09:13	4,894	0	0	0	
1009	Waiting	None	478	8,39	00:15:29	4,636	0	0	0	
1010	Waiting	None	15	9,88	00:13:14	4,709	0	0	0	
1011	Waiting	None	420	7,65	00:13:17	4,673	0	0	0	
1012	Waiting	None	474	1	00:02:46	5,228	0	0	0	
1013	Waiting	None	38	8,64	00:15:32	4,828	0	0	0	
1014	Waiting	None	197	11	00:09:50	5,127	0	0	0	
1015	Waiting	None	491	8,39	00:09:46	4,315	0	0	0	
1016	Waiting	None	108	7,65	00:08:42	4,52	0	0	0	
1017	Waiting	None	488	11,6	00:20:32	5,102	0	0	0	
1018	Waiting	None	434	4,69	00:09:07	4,799	0	0	0	
1019	Waiting	None	411	8,39	00:10:21	4,112	0	0	0	
1020	Waiting	None	130	7,9	00:09:22	4,568	0	0	0	
1021	Automatic	None	445	2,96	00:04:08	4,445	980	1	0	
1022	Automatic	None	93	2,47	00:03:35	5,063	1230	1	0	
1023	Automatic	None	192	5,43	00:03:16	4,179	2470	2	0	
1024	Automatic	None	163	0,98	00:02:50	4,18	490	1	0	
1025	Automatic	None	92	1,97	00:02:26	4,652	1480	1	0	
1026	Automatic	None	191	0,98	00:01:54	4,245	740	1	0	
1027	Automatic	None	100	0,24	00:01:38	4,564	240	1	0	
1028	Automatic	None	109	0,24	00:01:21	5,131	240	1	0	
1029	Automatic	None	133	0	00:01:10	0	0	0	0	
1030	Automatic	None	39	0,74	00:01:28	4,864	490	1	0	
1031	Automatic	None	137	0,24	00:01:42	5,057	0	1	0	
1032	Automatic	None	85	1,23	00:01:59	4,264	980	1	0	
1033	Automatic	None	162	1,23	00:02:16	5,039	740	1	0	

LIVE MILKING MONITORING

Through the Dairysense Port System, you can watch milking live as it happens. During this process, a wide range of data can be monitored in real time via the software.

- Which unit the animal is being milked in
- Milking parlor automation device positions
- Animal number
- Instant milk quantity being milked
- Instant milking duration
- Mastitis alert
- Milk temperature
- Average flow rate
- Flow level

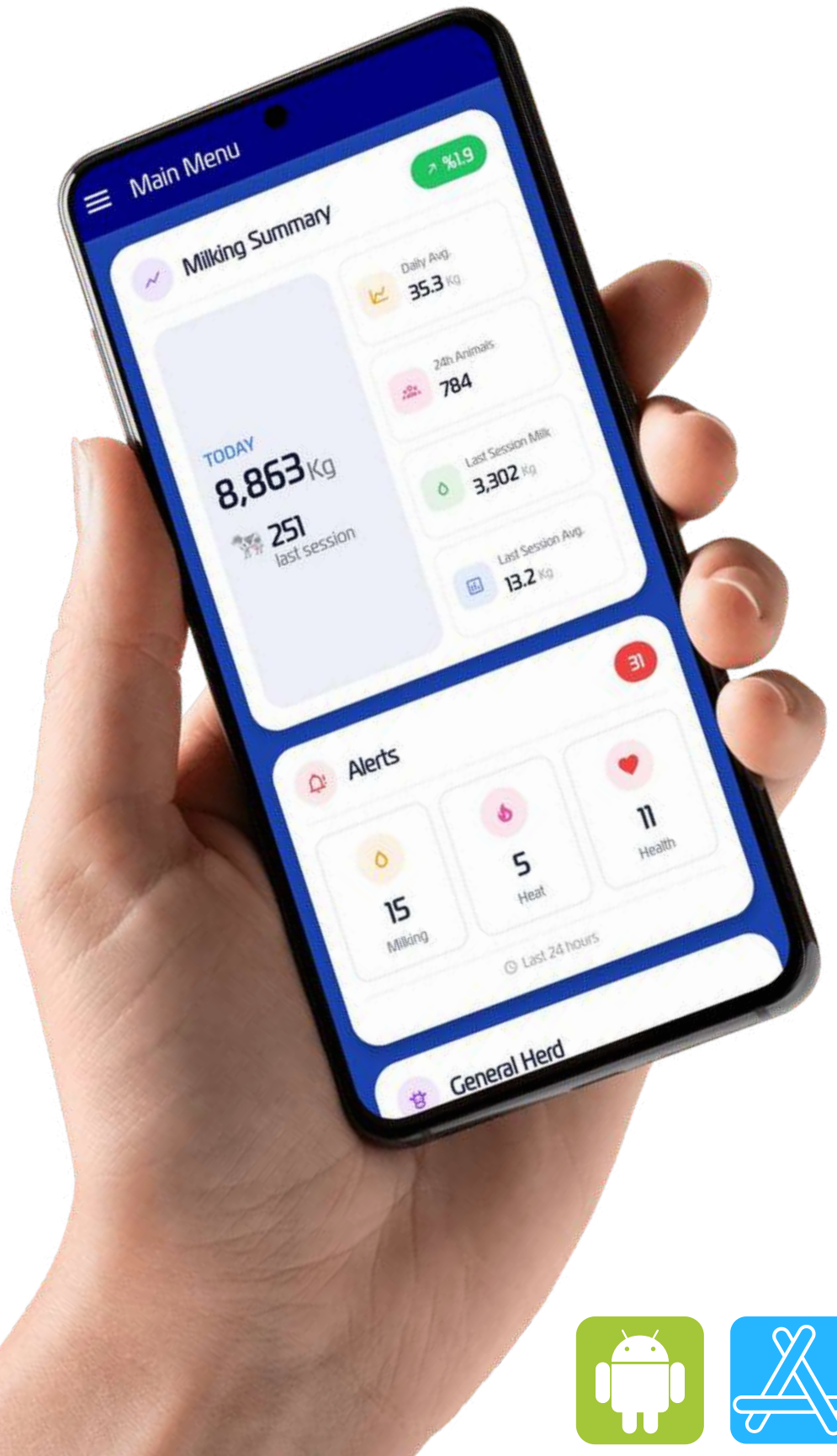
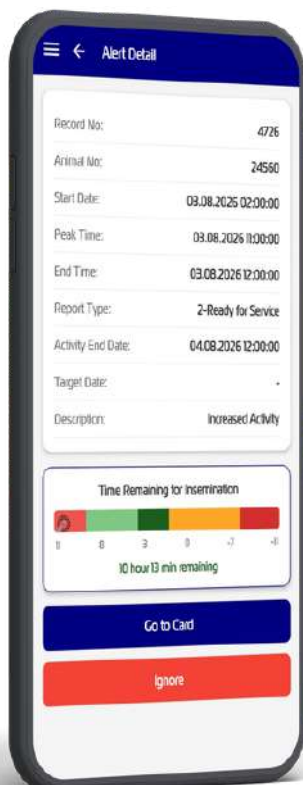
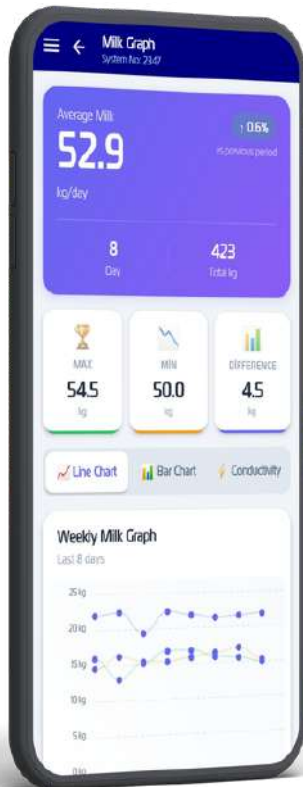
♦ REMOTELY PROGRAMMABLE PARAMETER STRUCTURE

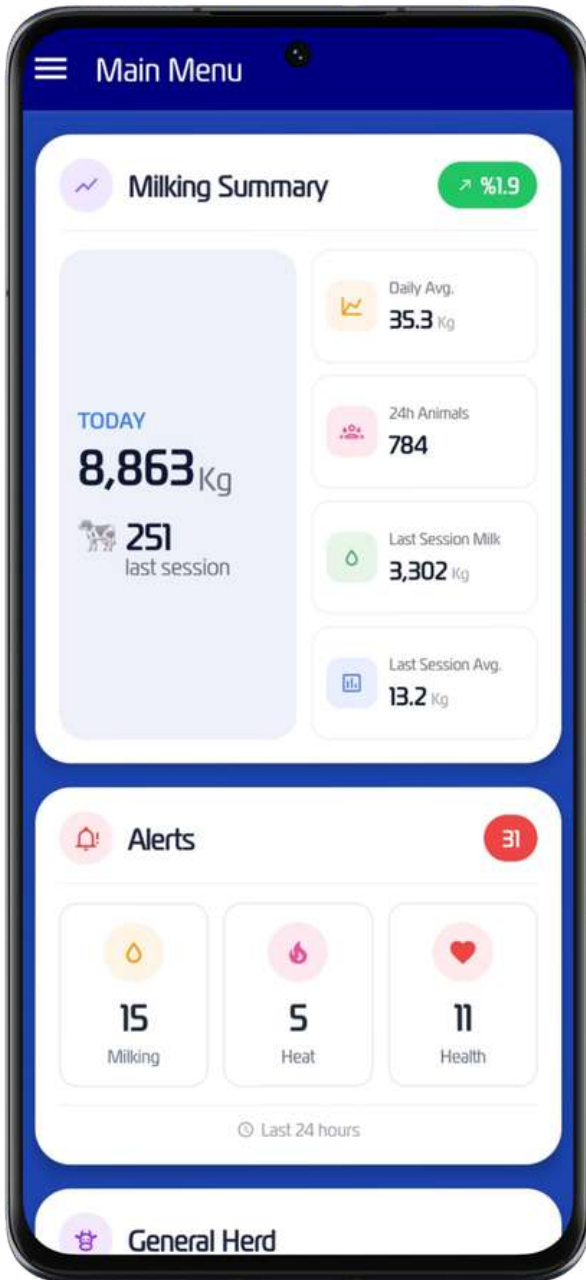
All devices belonging to the Dairysense Herd Management System can be adapted to fit any setup through the parameter system built into their infrastructure.

All of these parameters can be uploaded to the devices via the Dairysense Port System, even when you are not physically at the device.

General Settings [21] Startup Mode: SG00 [22] Milking Detection: Off [23] Actuator Interval: [24] Sensor Value: [25] IN2 Startup: None [26] IN1 Gate Type: None [27] ID Reader: None [28] Milking End Sim.: Off [29] Milking Unit Detach: [30] Milk Meter Type: [31] Washing Duration: [32] Measurement Voltage: [33] Vacuum Level: [34] Expected Waiting Time: Exit Settings [35] PLS1: None [36] PLS2: None [37] PLS3: None [38] PLS4: None [39] PLS5: None [40] PLS6: None [41] PLS1 Exit Type: None [42] PLS2 Exit Type: None [43] PLS3 Exit Type: None [44] PLS4 Exit Type: None [45] PLS5 Exit Type: None [46] PLS6 Exit Type: None	Pulsation Settings [50] S1 Teatcup: [51] S2 Teatcup: [52] Pulsation Status: Off [53] Intermittent Mode: Off Massage Settings [56] Pre Massage: Off [57] Pre Massage Ratio: [58] Pre Massage Speed: [59] Pre Massage Ratio: [60] Post Massage Detach: [61] Post Massage: Off [62] Post Massage Ratio: [63] Post Massage Speed: [64] Post Massage Ratio: [65] Post Massage Detach: [66] Post Massage Level: Stripping Settings [69] Stripping Duration: [70] Pulsation Detach: [71] Water Drain: [72] Stripping Rotation: [73] Vacuum Open Duration: [74] Vacuum Close Duration: [75] Water Drain Duration: [76] ABR Position: Off	Flow Settings [79] Flow 1-2 Transition: [80] Flow 2-3 Transition: [81] Flow 3-2 Transition: [82] Flow 2-1 Level: [83] Flow 1-0 Level: [84] Milking Time Extension: [85] Level 1 Yield: [86] Level 2 Yield: [87] Level 3 Yield: Detach Settings [90] Min. Milking Time: [91] Last Milk Removal Dur.: [92] Unit Return Transition: [93] Vacuum Detach Time: [94] Pre Vacuum Detach: [95] Expected Waiting Time: [96] Piston Duration: [97] Piston Waiting Time: Alarm Settings [100] Buzzer Duration: [101] No Flow Alarm: Off [102] No Flow Duration: Load / Save Settings Save Settings Load Settings
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DAIRYSENSE MOBILE APPLICATION

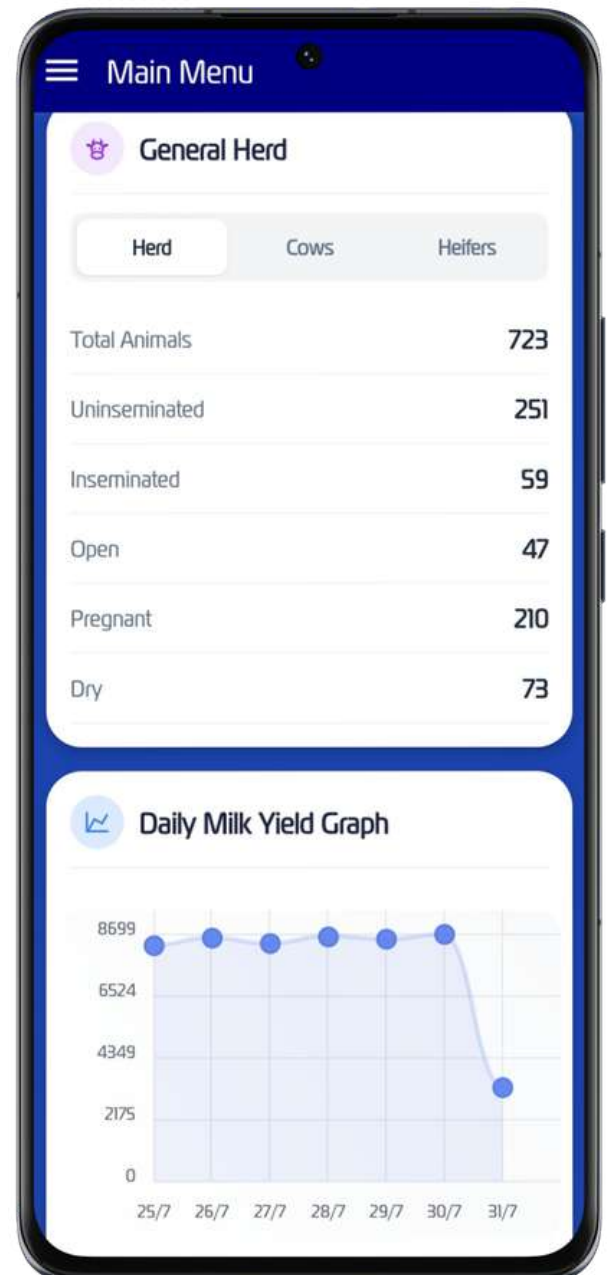




MOBILE APP SUMMARY INFORMATION SCREEN

The home screen of the Dairysense mobile app lets you see your farm's overall status at a glance. Core data such as herd count, distribution of cows and heifers, and gynecological status tracking are presented in a user-friendly panel. This allows you to monitor which reproductive stage each animal is in real time and make fast, accurate decisions in herd management.

The home screen also displays 24-hour milk production and session-based milk data in detail. The number of animals milked, average milk quantity, and production trends are tracked with supporting charts. This makes it easy to analyze milk performance and keep your production efficiency under control in real time.



7-DAY MILK CHART

The 7-day milk production chart available in the app lets you analyze farm performance over time. This chart makes it easy to spot daily production fluctuations and trends of increase or decrease in milk yield.

Thanks to Dairysense's dedicated infrastructure, data can be tracked in real time from anywhere in the world, from any device with internet access. This means you can monitor production performance even when you're not on the farm, managing your decisions remotely and with confidence.



Cow Number:	2300
Collar ID:	25423076
Ear Tag No:	TR3911S2300
Belt No:	416
Last Calving Date:	15.07.2025
Kind:	Cow
Gyn. State:	Inseminated
Group:	1
Birth Date:	20.03.2020
Race:	HOLSTEIN
Lactation Number:	3
Lactation Day (DIM):	384
Last Insemination Date:	28.07.2026
Inseminated Days	6

FULL CONTROL, ANYWHERE IN THE WORLD

The Dairysense mobile app provides instant access to the identification records of every animal registered on the farm. Animals' historical records, health status, and reproduction and production data can be easily viewed both in the field and from anywhere in the world.

This greatly simplifies operational processes within the barn; staff can instantly access the information they need and quickly carry out the right interventions. Even when you're away, all your herd's data stays right at your fingertips.



Last Insemination Date:	28.07.2026
Inseminated Days	6
Last Illness:	-
Mother Number:	TR391047136
Bull Number:	29HO17784
Interfile State:	No
Will Discard:	No
Milking State:	Milking

Rumination/Activity Graph

Milk Graph

Lactation Events

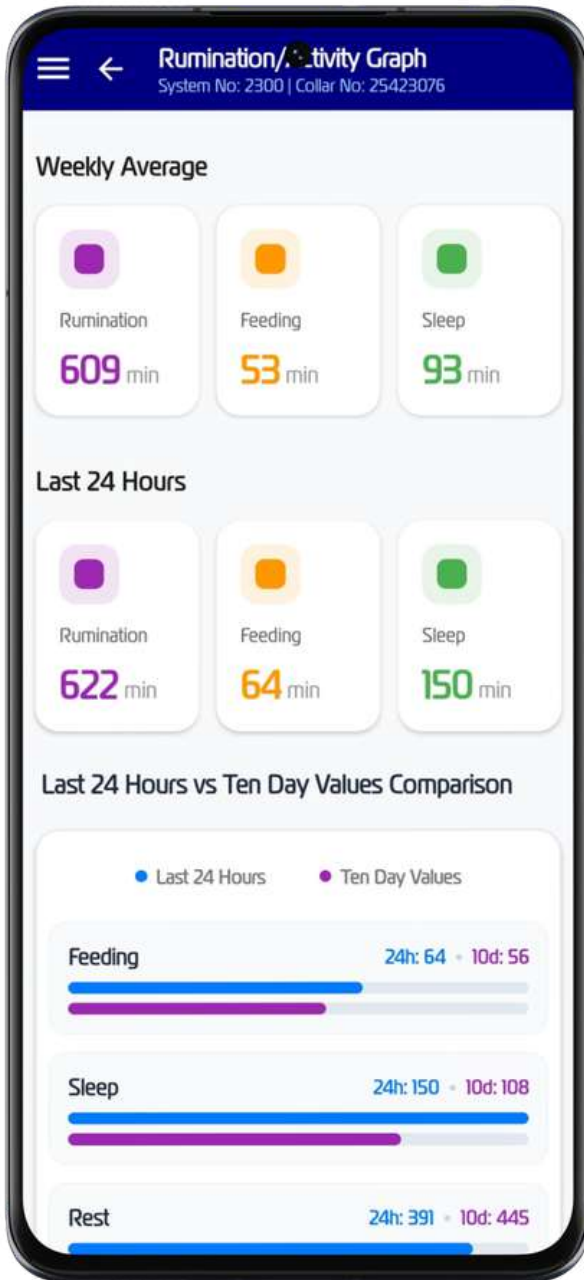
Event Entry

Upload Photo

ACCESS TO ALL DATA AND EASY DATA ENTRY

In the Dairysense mobile app, the animal card created for each individual animal brings together individual tracking and data management in one place. From this screen, an animal's rumination and milk production charts, lactation process, and past event records can be viewed in detail.

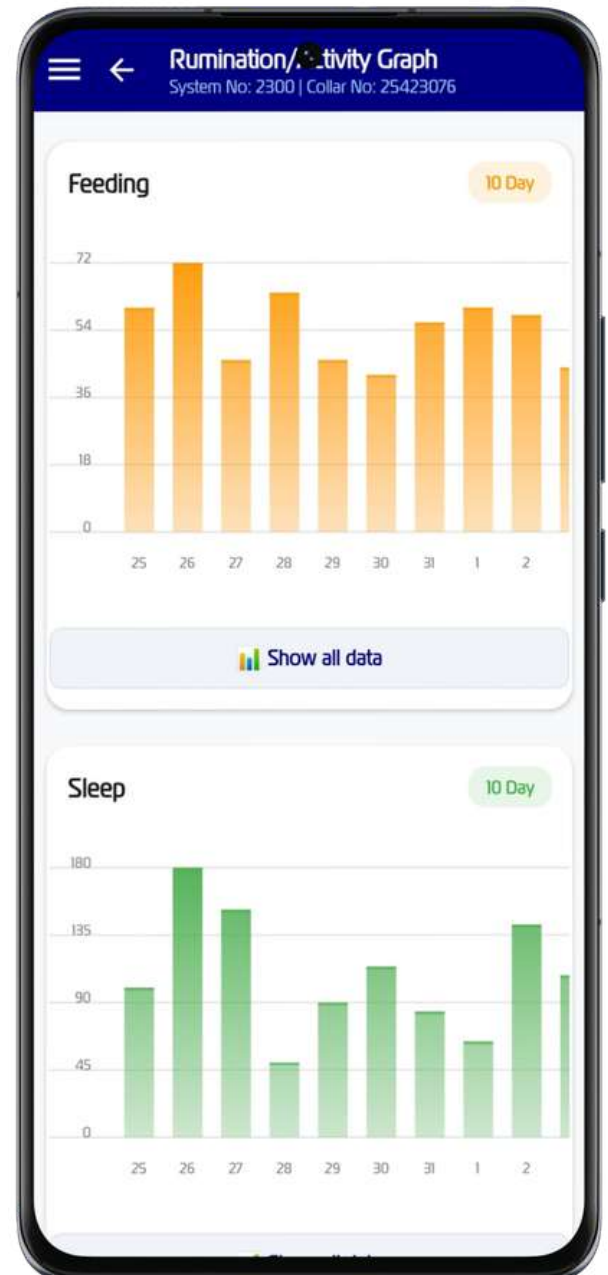
At the same time, users can enter new events on the spot while out in the field, add treatment or observation notes, and upload photos of the animal directly to the system. This way, all data is updated in real time, making management processes as efficient as possible.



HEAT CYCLE TRACKING WITH ACTIVITY DATA

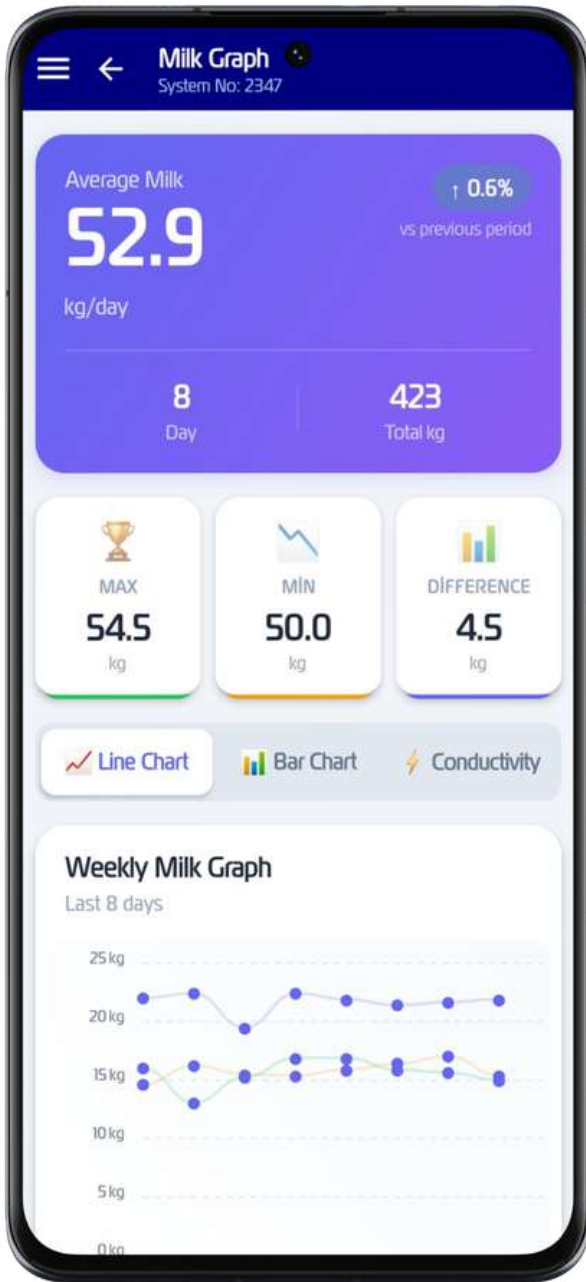
The DairySense mobile app makes it easy to view animals' activity charts. Increased movement, decreased rumination, or changes in behavior can be monitored in real time from the mobile screen.

This allows heat periods to be detected much faster and more accurately, making artificial insemination timing easier and significantly increasing reproductive efficiency.



MONITOR HEALTH THROUGH BEHAVIORAL DATA

The DairySense mobile app presents animals' rumination, sleep, feeding, and resting durations in graphical form. This data can be easily monitored from mobile devices, so even the smallest changes in behavior are quickly noticed. By enabling early detection of health issues and timely intervention, this feature protects herd health while boosting management efficiency.

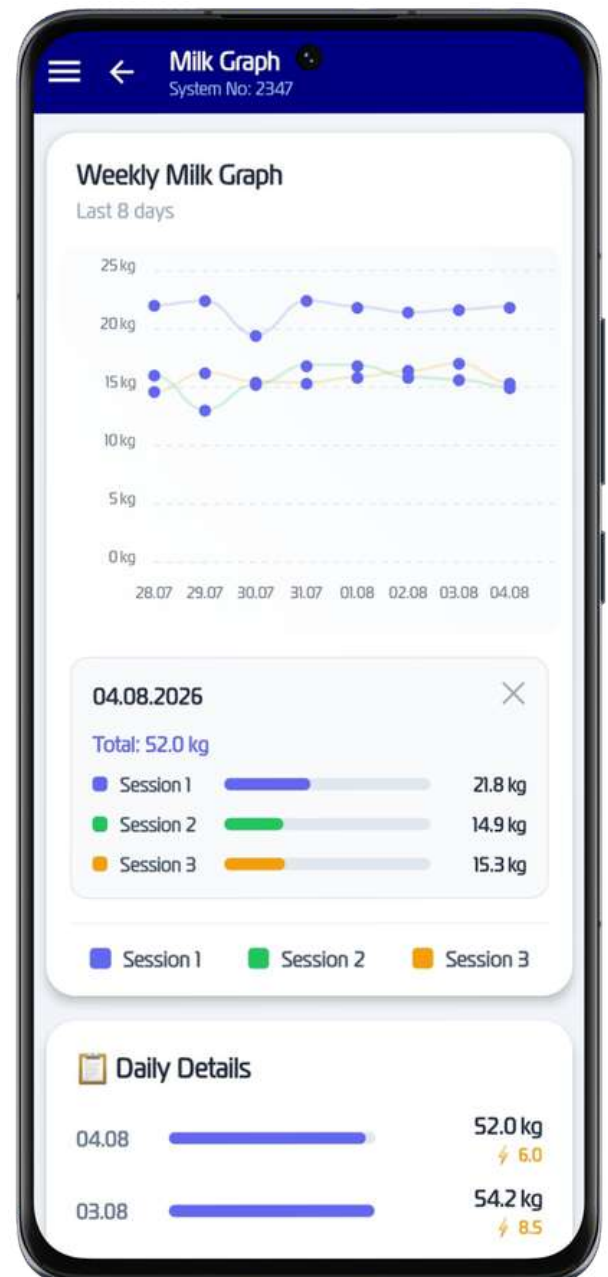


MONITOR MILK PROCESSES IN REAL TIME

The Dairysense mobile app makes it easy to view each animal's milk production chart. By tracking milk performance through daily and session-based data, you can analyze production trends and make the necessary management decisions in a timely manner.

EASY DATA COMPARISON

The Dairysense mobile app provides real-time access to animals' 24-hour performance data and 10-day average comparisons. This makes it easy to quickly analyze daily fluctuations and long-term trends, allowing herd management and production decisions to be made more informed and accurate.





MOBILE DATA ENTRY

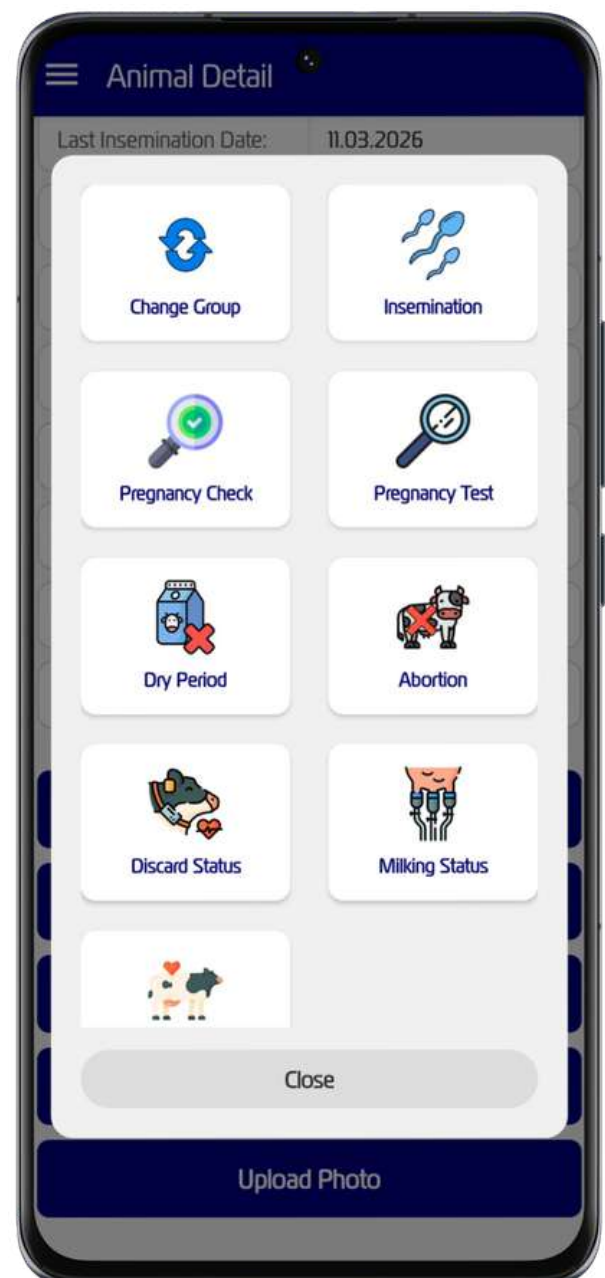
Thanks to the Dairysense mobile app, data can be entered instantly out in the field. Tasks such as adding notes to the animal card, recording events, or uploading photos can be done quickly and conveniently from mobile devices.

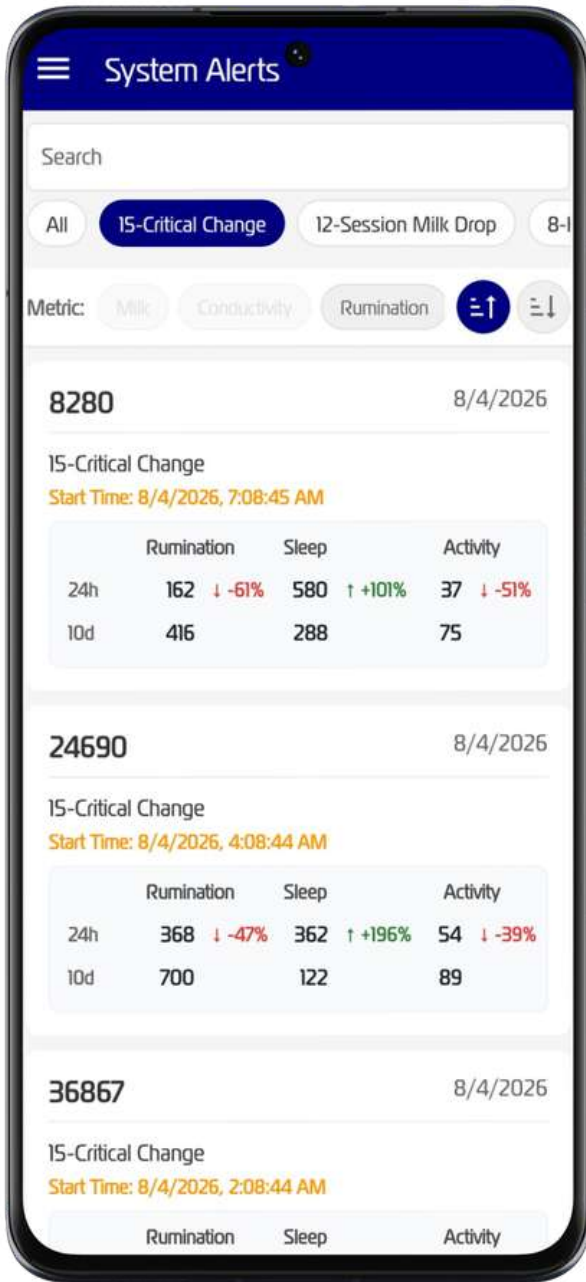
This feature streamlines daily operations, saves time, and increases efficiency in herd management.

PROCEDURE TRACKING DURING THE LACTATION PROCESS

It records all procedures performed during the lactation process in detail. You can easily access information on which procedure was performed, on what date, and by whom, and quickly review past records.

This makes herd management more transparent and controllable, ensuring error-free and organized tracking.





ALL NOTIFICATIONS RIGHT AT YOUR FINGERTIPS

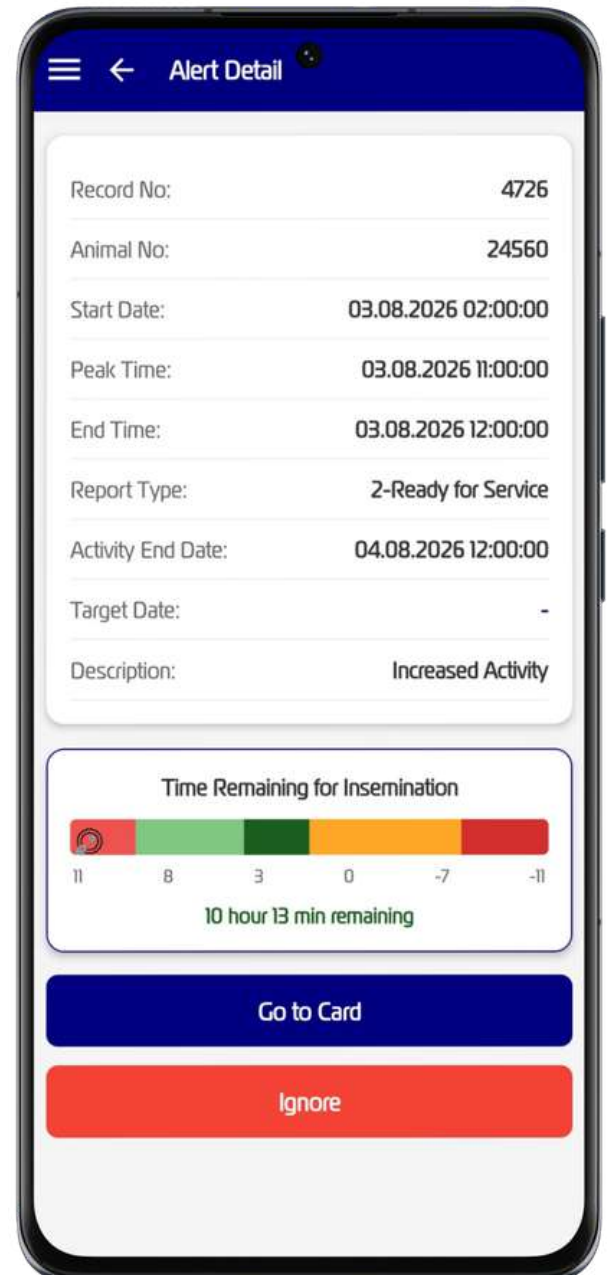
The Dairysense mobile app lets you follow all herd-management-related system notifications instantly from your mobile device.

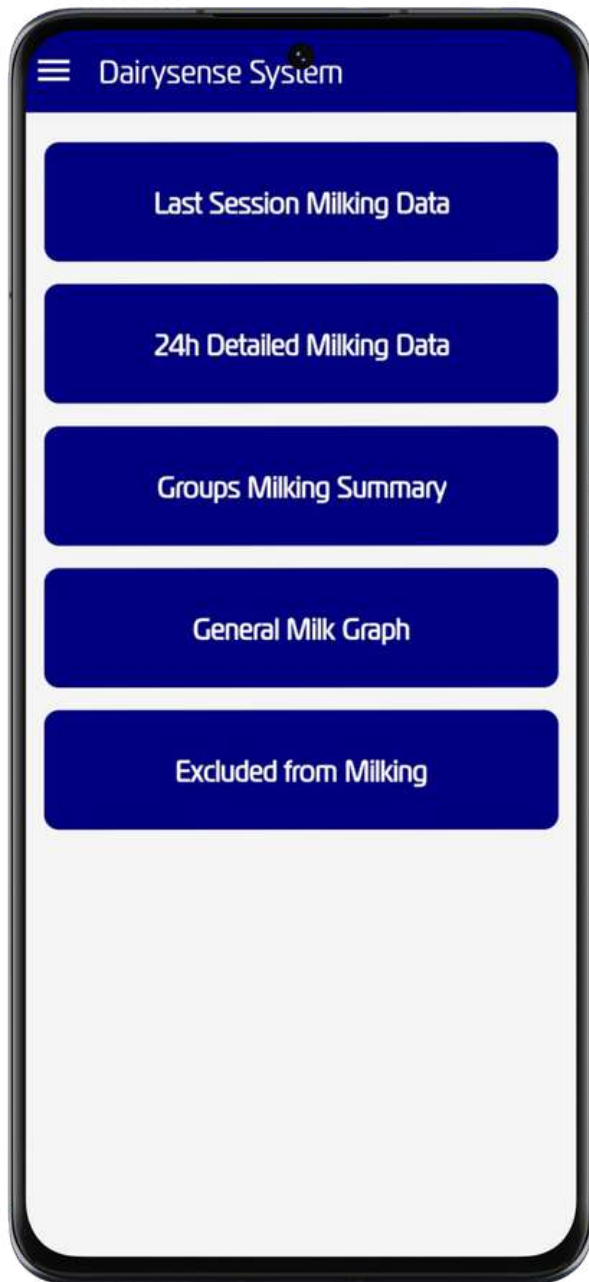
Critical information such as health alerts, reproduction notifications, and production changes reaches you without delay. This lets you respond quickly to important situations and manage your herd more effectively and safely.

SEE INSEMINATION TIMING INSTANTLY DURING HEAT

The Dairysense mobile app visually displays the optimal insemination time window during animals' heat periods. This lets producers perform artificial insemination without missing the right moment, increasing reproductive efficiency.

Mobile tracking makes it easier to make decisions both in the field and remotely, improving time management and success rates.





TRACK MILKING DATA FROM A SINGLE SCREEN

The Dairysense system screen presents animals' last session milking data, overall 24-hour production data, group-based milking summaries, and the general milk chart all on a single panel.

Animals excluded from milking can also be easily viewed. This allows milk production performance to be analyzed quickly, enabling more effective and accurate operational decisions.

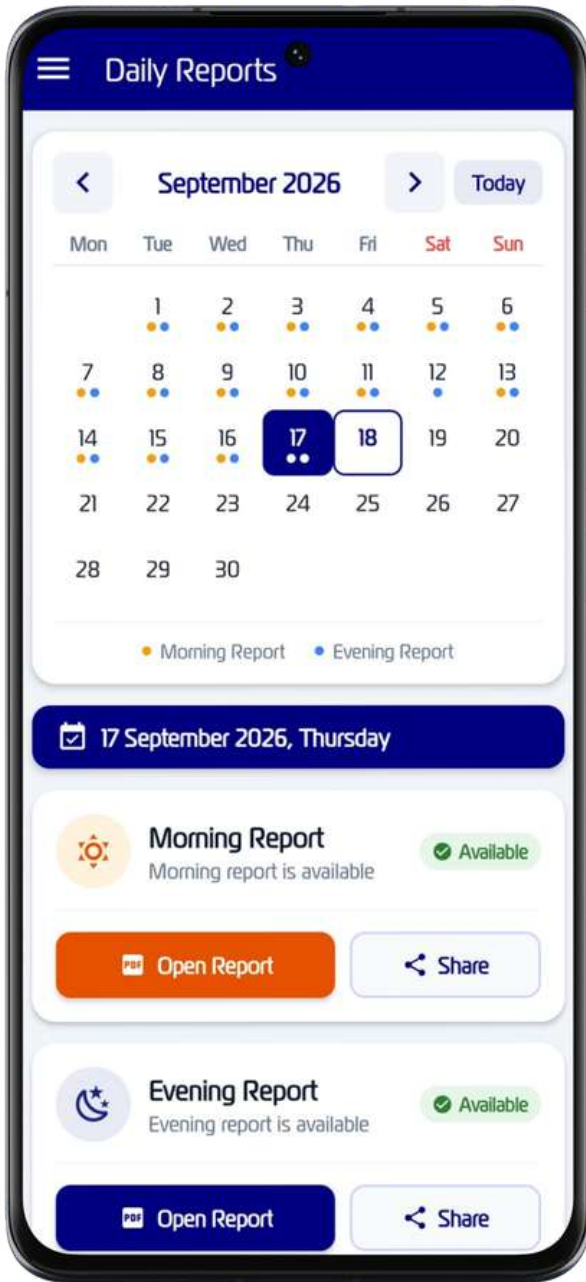


Session	Milk Amount
>	>
▲ System No: 1417	Total Milk: 46,0 Lt
Session: 2	Milk Amount: 18,0 Lt
Session: 3	Milk Amount: 11,6 Lt
Session: 1	Milk Amount: 16,4 Lt
▲ System No: 2300	Total Milk: 24,8 Lt
Session: 2	Milk Amount: 8,6 Lt
Session: 3	Milk Amount: 7,8 Lt
Session: 1	Milk Amount: 8,4 Lt
▲ System No: 2317	Total Milk: 42,8 Lt
Session: 2	Milk Amount: 15,8 Lt
Session: 3	Milk Amount: 12,2 Lt
Session: 1	Milk Amount: 14,8 Lt
▲ System No: 2327	Total Milk: 22,4 Lt
Session: 2	Milk Amount: 8,0 Lt
Session: 3	Milk Amount: 5,8 Lt

TRACK MILK PRODUCTION BY DAY AND BY GROUP

Thanks to the Dairysense system screen, both session-based and total daily milk data, the number of animals milked per group, total group production, and group averages can be easily tracked.

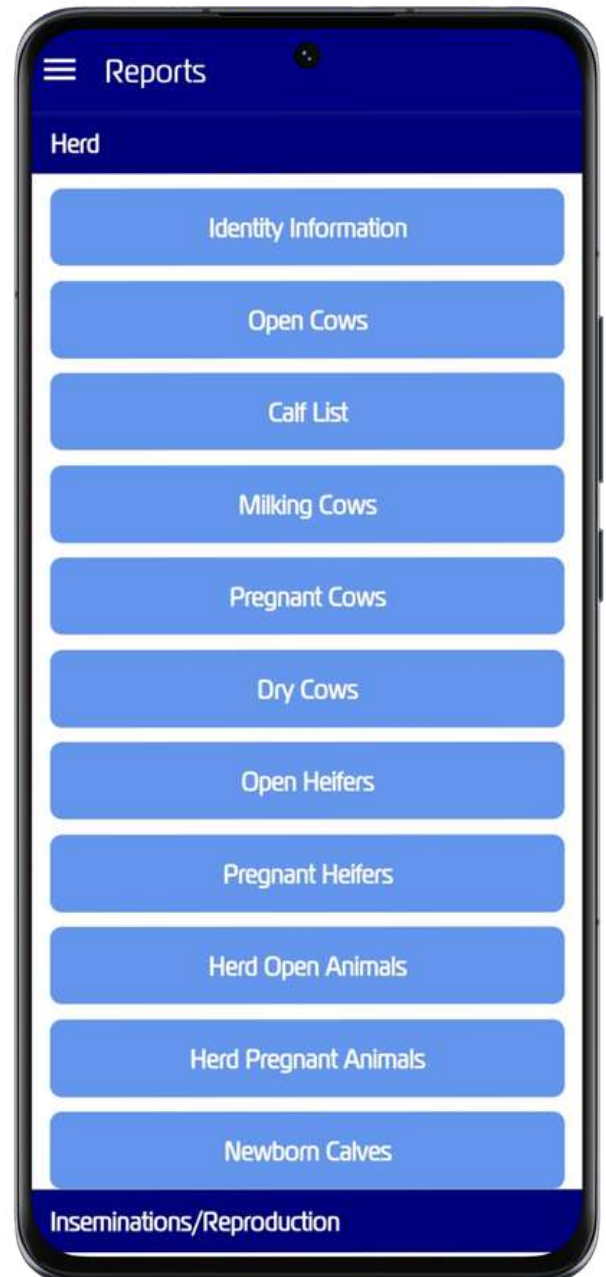
The herd's overall milk chart also allows production performance to be monitored visually. This makes milk production management more transparent, faster, and more efficient.



DAILY REPORTS, LASTING DATA

The DairySense mobile app offers a comprehensive reporting infrastructure for milk producers and farmers. Thanks to daily reports automatically generated every morning and evening, producers can regularly track efficiency indicators on their farm and respond to potential issues in a timely manner.

Since reports can be downloaded in PDF format, they can be easily archived and shared; the report history also gives producers the ability to make period-over-period comparisons and reach data-driven decisions.



PERSONALIZED REPORTS ON MOBILE

The DairySense mobile app allows you to view all system reports (daily production, milking summaries, reproduction and health reports) from your mobile device, speeding up performance analysis and decision-making even when you're not on the farm.

Unlike other systems, customized individual reports created on the computer can also be tracked via mobile – providing maximum flexibility and control in herd management.



DAIRYSENSE

Farm Technologies

Herd Management System | Farm Technologies



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PRODUCT CATALOG

v3.26.2