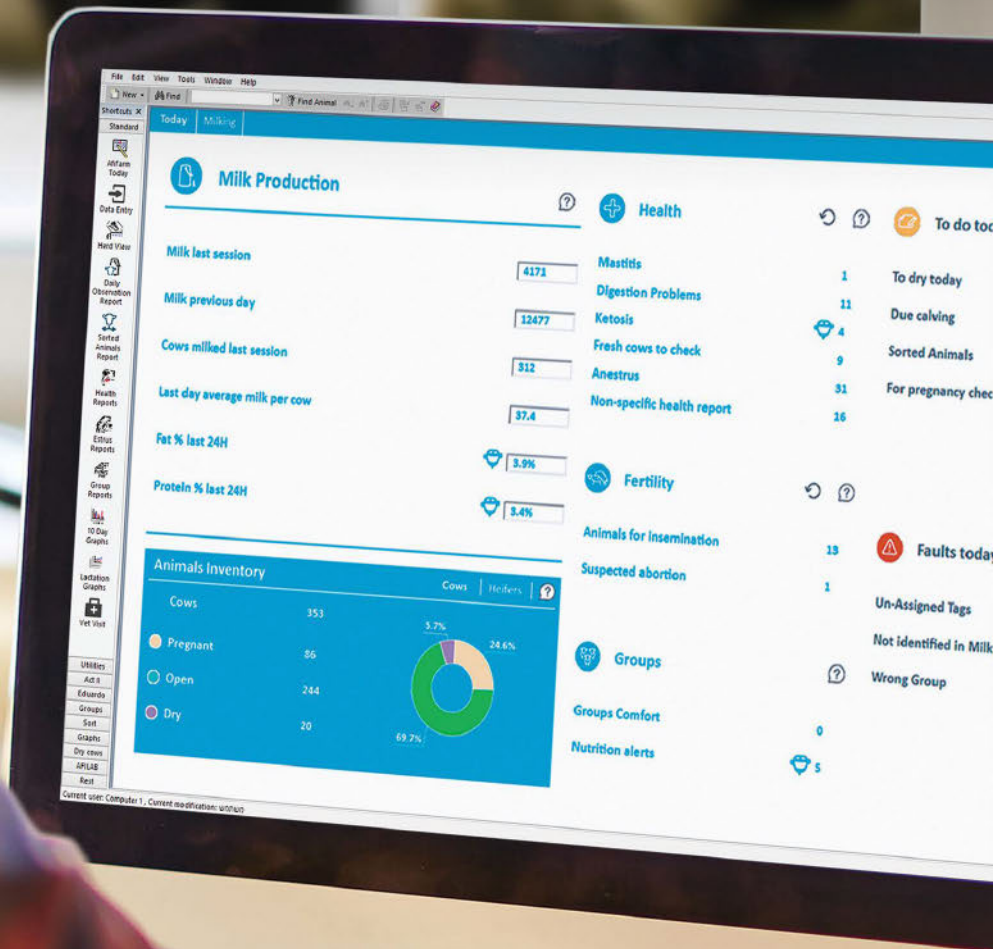


Afimilk Introduces AfiFarm™ 5.3

2019



afimilk®
Vital know-how in every drop

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Afifarm 5.3 - Intro



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AfiFarm ABC Dashboard



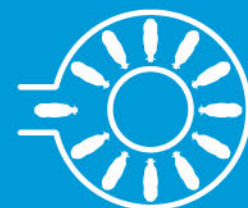
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To Manage your Vital Knowhow

AfiFarm is one of the most comprehensive, scalable and flexible softwares that were ever developed for management and automation of dairy farms.

With a range of newly developed tools, it is now more friendly, intuitive and powerful than ever.



Features and Benefits:

- Comprehensive health management
- Detection of ketosis, mastitis, and digestion problems
- Group wellbeing – automatic alerts on overcrowding, bedding problems, and reduced wellbeing
- Point-on heat detection and fertility management
- Monitoring and analysis of milk production
- Milking efficiency analysis
- Advanced animal sorting

New in AfiFarm 5.3

- AfiFarm ABC dashboard and new reports
- Reliable Calving Alert Service
- New In-Line Milk Lab applications
- Afi2Go Pro, a new mobile app
- Mobile notifications for calving and heat detection
- Rotary terminal with touchscreen
- The best integration with DC305 on the market



WALSH ENQUIRY FORM
Name: *Conor*
Address:
Region:
E-mail:
A contact card for Walsh is pinned to the wall.

afimilk

Animals for insemination

Cow	Status	Gr. No.	Number	Age (years)	CMV	Days after calving	Days after weaning	Days after dry	Days after dry	Days after dry	Days after dry	Days after dry
8705	M/R	8	3	3	15.00	148	34.35	88	14	80.0%	30.0%	07/05/17
8705	M/R	4	3	3	16.14	148	34.28	88	14	81.0%	30.0%	06/05/17
8711	M/R	4	2	3	16.01	148	34.33	88	14	80.0%	30.0%	12/05/17
8711	M/R	4	3	3	16.04	148	34.33	88	14	80.0%	30.0%	12/05/17
8711	M/R	4	3	3	16.04	148	34.33	88	14	80.0%	30.0%	12/05/17
8711	M/R	4	3	3	16.04	148	34.33	88	14	80.0%	30.0%	12/05/17
8711	M/R	4	3	3	16.04	148	34.33	88	14	80.0%	30.0%	12/05/17

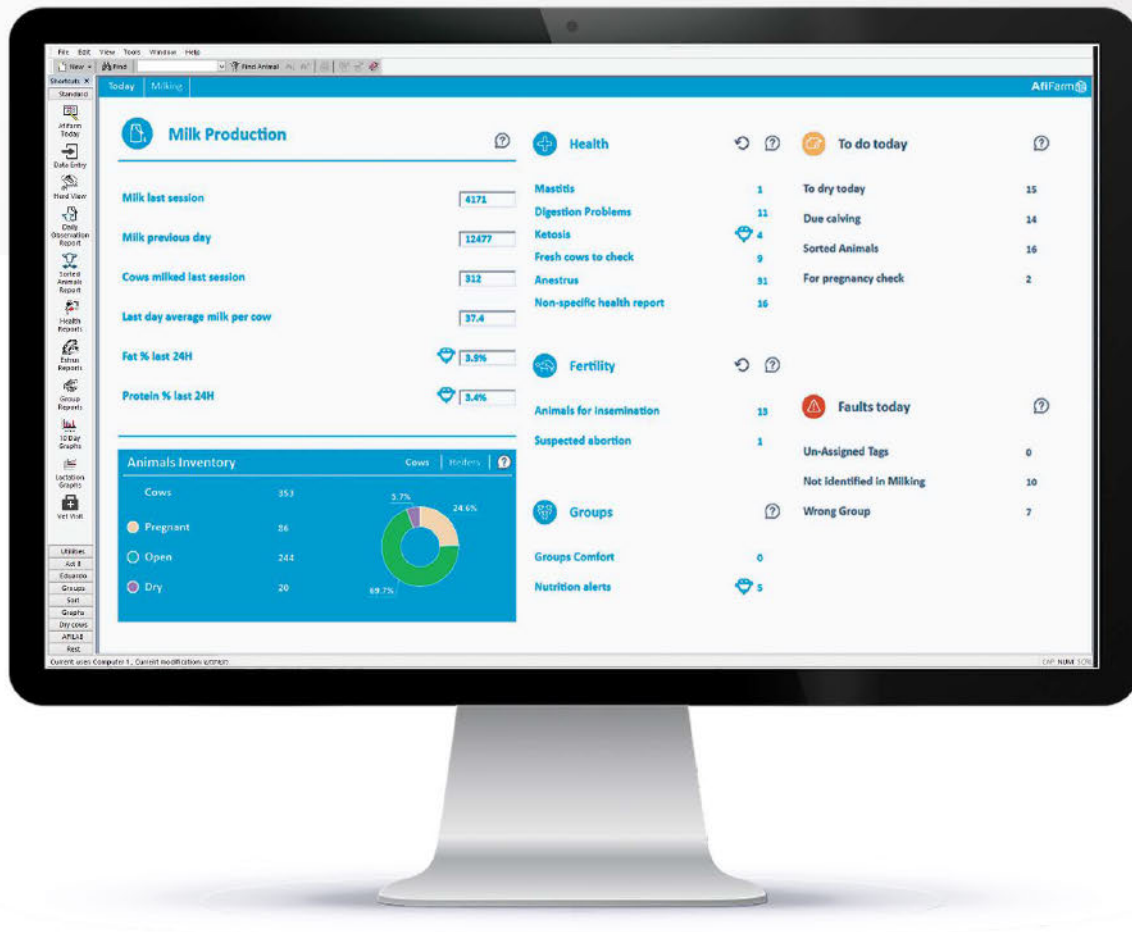
Fertility Window

Legend: Normal (red), Heat (green), Estrus (purple)

Y-axis: Fertility (0 to 300)
X-axis: Fertility (0 to 1120)

23.9%
20.0%
15.5%

Serious management just got easier!



Meet AfiFarm ABC, your new farm dashboard

- Improved usability, always-on homepage
- All key management functions at your fingertips
- Always updated - reports will open in a snap, even in the largest mega-farms

What's in it?

- Current status – inventory and production
- Attention lists - powerful system reports from Afimilk's experts
- Action lists – tasks to perform, problems to solve

AfiLab and AfiAct-II enabled artificial intelligence: **NEW** health, fertility and nutrition monitoring

Category	Report	Count
Health	Mastitis	1
	Digestion Problems	11
	Ketosis	4
	Fresh cows to check	9
	Anestrus	31
Non-specific health report		16
Fertility	Animals for insemination	13
	Suspected abortion	1
Groups	Groups Comfort	0
	Nutrition alerts	5

Intelligent Health Detection & GROUP ALERTING

BETTER FERTILITY MANAGEMENT

In line milk lab | **ENHANCED APPLICATION**
Extra dimension to feed & health

Powerful set of new system reports developed by Afimilk experts

- Research team of mathematics and physics PhDs, cow-specialized veterinarians and leading epidemiologists
- Decision support – specific indications for diseases & conditions
- Unmatched multi-sensor analysis: milk yield, conductivity, milk components, activity and rest

Specific reports

- Suspected mastitis cows
- Suspected ketosis cows – AfiLab based detection, and risk factors (by AfiFarm)
- Fresh cows to check
- Anestrus cows
- Nutrition alerts (including SARA – Sub-Acute Ruminal Acidosis)
- Suspected abortions

Afi2Go Pro

NEW

The flexibility to be where you're needed most -
with your cows



Everything You Need to Know
At a Glance.

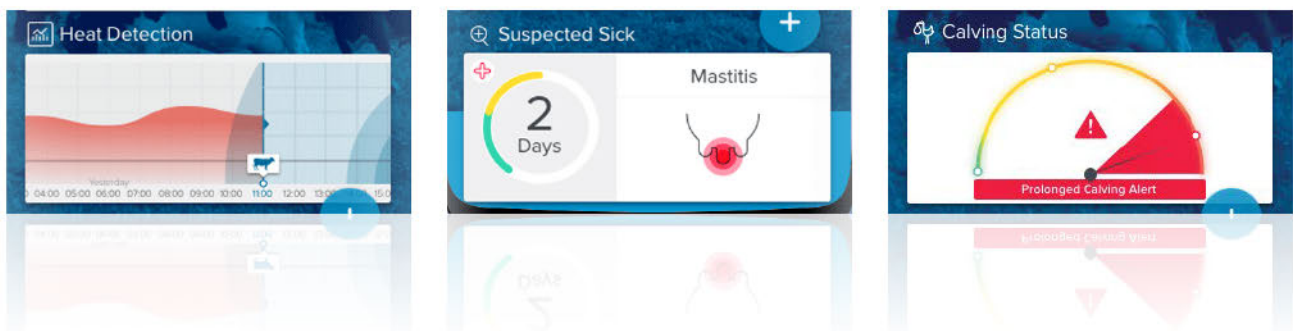
Anything You Need to Do
With a Touch.

Easy-to-access information

- Use a RFID ear tag with Bluetooth wand, or manually type her number
- Streamline work with sorted, insemination and sick lists
- Mark cows and find them later in "my list"
- Information is synced in real-time with AfiFarm

Everything you need to know

- Cow information: group, codes, milk data, insemination and pregnancy
- Cow history: treatments, events
- Sensor data: sick, animal in heat, and calving



Everything you need to do

Afi2Go Pro provides on-the-go access to all the functionality you need from your smartphone or tablet - eliminating visits to the office for animal list or for entering data.

Use the app to manage:

- **Tasks:** use lists of animals for insemination, sorting and other procedures
- **Animals:** set codes, move groups, sort or dry
- **Treatments:** vaccinations, diagnostics, drugs, hoof trimming
- **Fertility:** calving, pregnancy check, abortion

Afi2Go Light

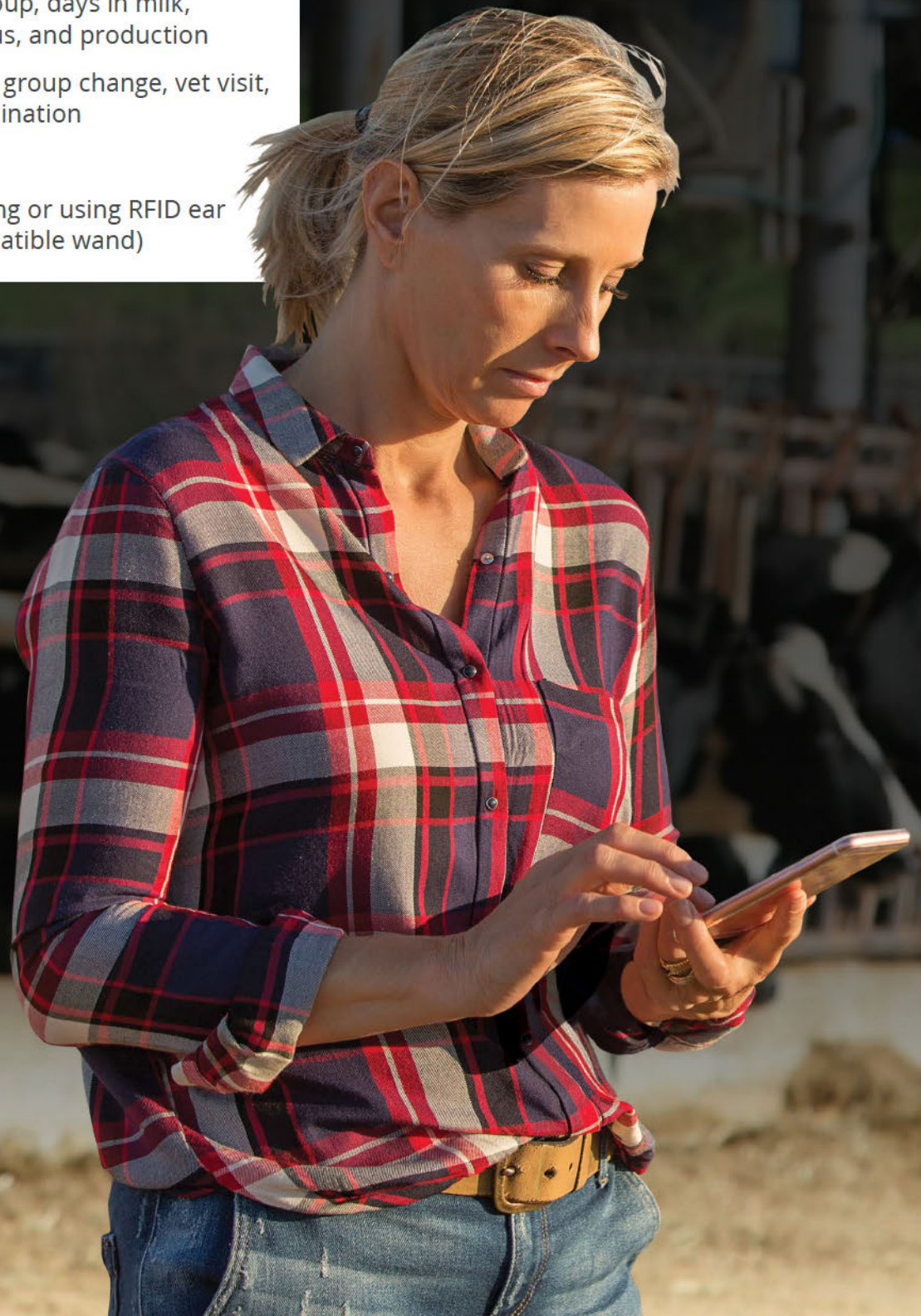
Who's that Cow? A simple mobileapp for all employees

Like to give your employees an app, but you're not comfortable with them entering events and making decisions? No problem.

With Afi2Go Light, users get access to cow info but without making any sensitive decisions.

Features and Benefits

- **Cow status:** group, days in milk, pregnancy status, and production
- **Recent events:** group change, vet visit, heat, and insemination
- **One-click sort**
- **Cow ID:** by typing or using RFID ear tag (and a compatible wand)



Farm Notifications App

Stay Alert with our Farm Notifications App

A user-friendly visual inbox for timely notifications on important farm events, for example "animal 4385 – prolonged calving", or "technical problem at the sort gate requires your attention".

Each of the users can select the notification type that suits them, so that we don't bother the vet with technical alerts or send a calving alert to the inseminator.



AfiFarm™ 5.3 Rotary Terminal –
The Control Center of Your Rotary Parlor





No need to walk around the deck – you can now see everything from your milker's place!

Intuitive touchscreen-based control pod to help you stay on top of everything that happens in your rotary parlor through:

Statuses: milking session progress, groups milked and groups on the deck, production data, milking progress on the deck

Alerts: cow in wrong group, conductivity (possible mastitis), cluster kick, low yield, canceled ACR, manager codes

Actions: point and send to sort, keep for 2nd rotation

More Features and Benefits

- Pre-installed cabinet with ruggedized PC and built-in 15" touchscreen
- High spec and water proof
- HDMI and USB connectors for external screen or touchscreen (useful for large wall-mount monitors)

AfiAct II - Vital Knowhow in Every Step



AfiAct II and AfiFarm 5.3 Match Made in Heaven

Effective Cow Monitoring and Accurate Animal ID in a Single Package

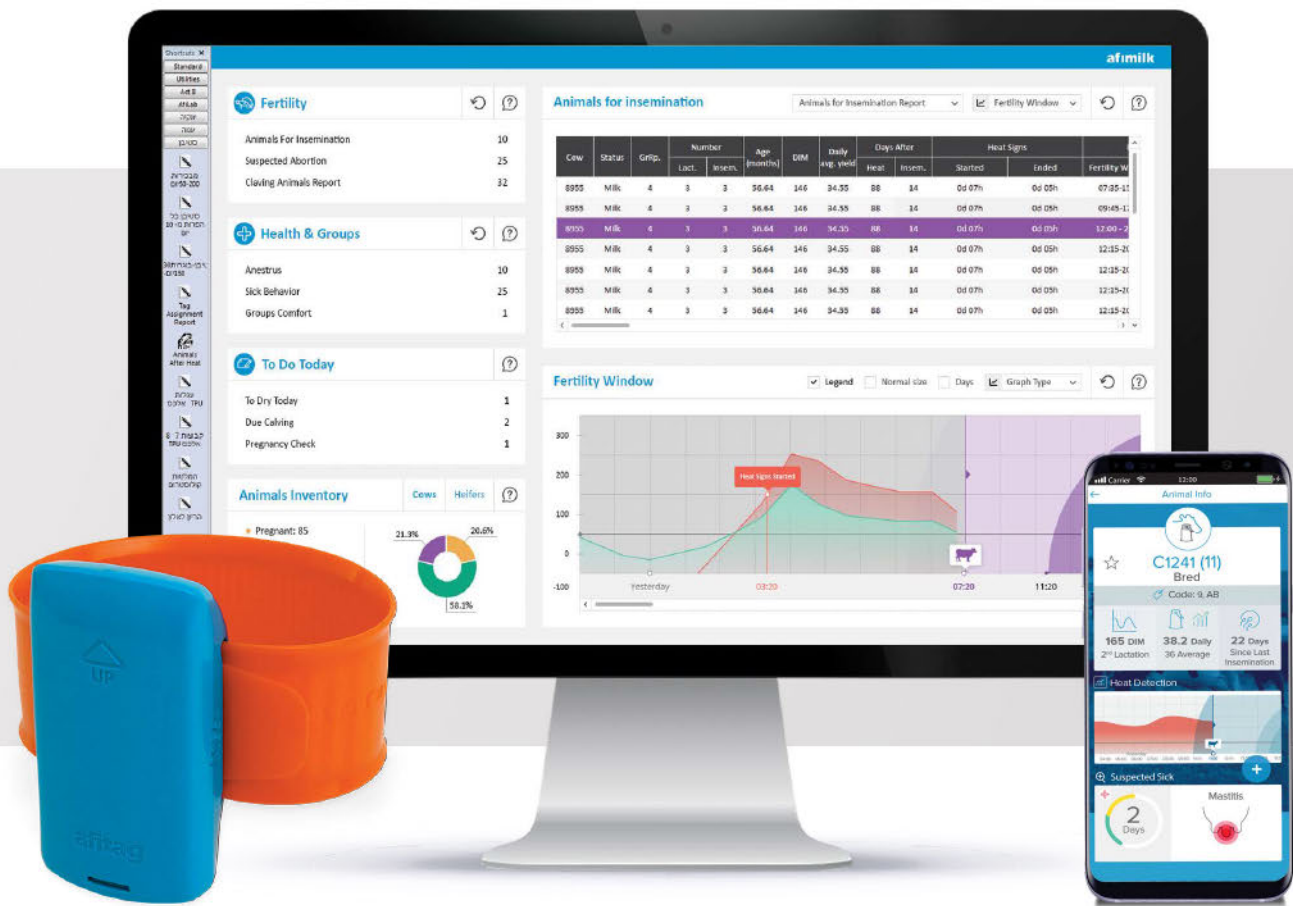
AfiAct II Solution - Your Eyes on the Farm

The AfiAct II solution helps improve your cow pregnancy rate with accurate, time sensitive heat detection, 24/7.

The AfiAct II leg tag functions as a powerful tool for accurate identification of the cows in the milking parlor to properly assign production data to the correct animals.

The AfiAct II solution includes:

- Highly-accurate, 24/7 heat detection
- Calving alerts to your mobile phone
- Rest and animal comfort monitoring
- Wireless, long-range transmission
- Long-life battery (over 5 years)



Integrated Cow Monitoring, Parlor and Herd Management

An accurate cow sensor is not enough. Farmers need a decision-making tool that is fully integrated with herd management while aiding with process automation.

Intelligent cow monitoring solutions will automatically send insemination lists to the sort gate with the cow in a voluntary waiting period already removed.

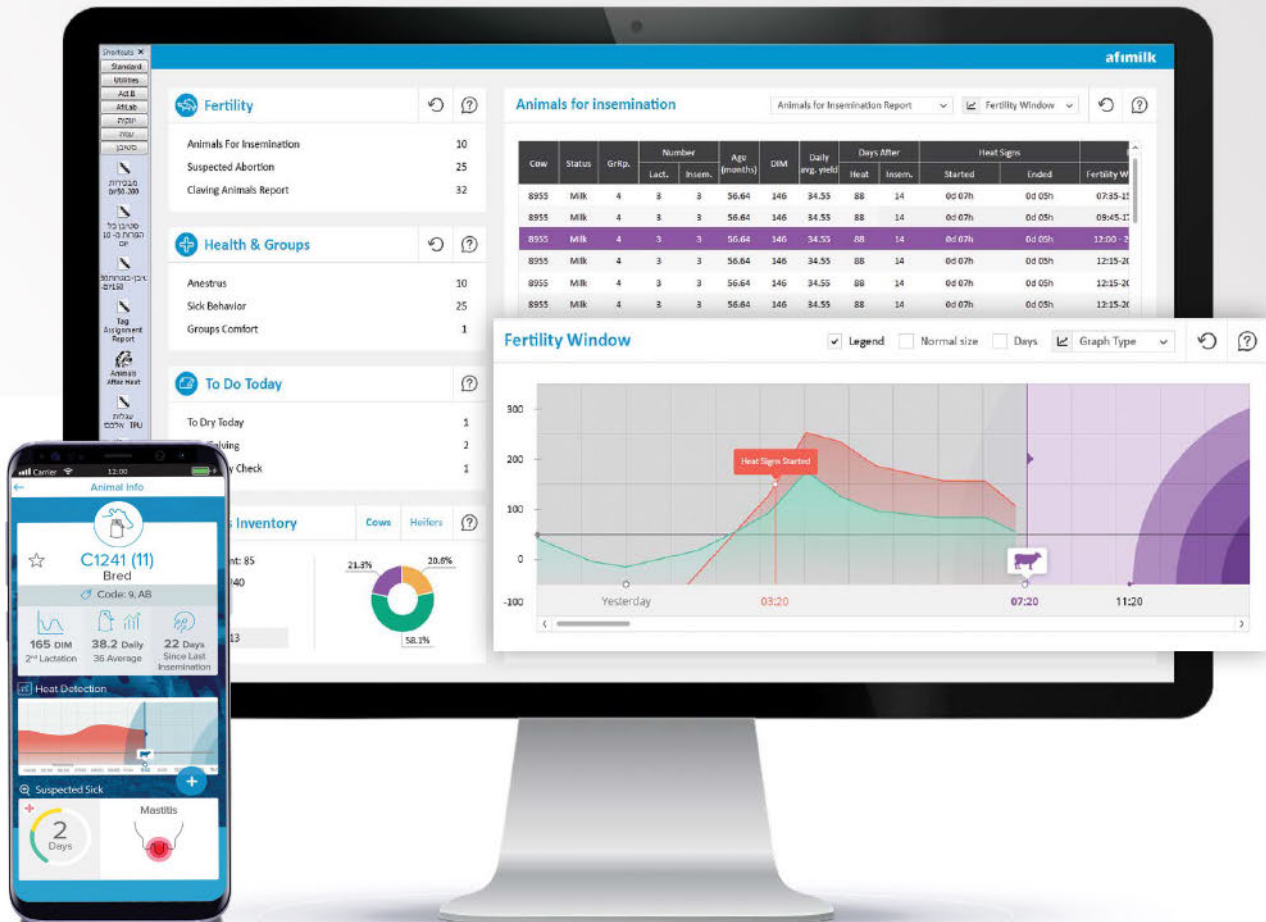
Highlights

- Milking parlor: The cow sensor is a solution for highly accurate in-install animal ID
- The AfiAct II stand-alone heat detection system provides animal behavior-based health alerts alongside accurate heat detection
- Integrated fertility management: AfiFarm software helps manage pregnancy check, abortion alerts, and insemination
- Excludes animals that could increase activity due to non-heat related reasons (group change, pregnancy checks, and hoof trimming) to avoid false alerts
- Integrated animal sorting: smart sensors detect animals that require attention, while a sort gate helps locate them. AfiFarm orchestrates it all

Best timing for inseminations:

NEW

Find out which cows to inseminate – and when



AfiFarm helps detect animals in heat, marks them for insemination, and indicates ideal insemination timing.

The ability to accurately detect the start of heat signs and calculate the ideal insemination timing is highly valuable for farms where:

- Vet visits are carried out to identify when to inseminate to improve conception rate.
- Conception risk must be determined to aid in cost-effective decisions on insemination



Calving Alert Service

Timely calving detection can make the difference between losing or saving offspring and cows.

With the AfiAct II calving alert service, users receive smartphone notifications just before calving starts and in the case of prolonged calving, when intervention may be needed.

The AfiAct II Calving Alert Service has been proven successful on large scale farms and is used on dozens of farms worldwide to help farmers save calves and cows every day.

Features and Benefits

- Fully integrated with Afimilk's mobile apps
- Approaching calving alerts, typically 3-4 hours prior to calving
- Prolonged calving alerts for effective intervention in distochia (difficult calving) cases

Requirements

- AfiAct II leg tags
- Reader
- WiFi connection
- Smartphone

Individual Feeding Using AfiFarm™ 5.3

NEW

AfiFarm allows you to strategize, plan, and execute automated feeding programs that optimize the feed and supplements each animal receives according to her stage in lactation, pregnancy, yield, and body condition.



Features and Benefits:

- Feed strategy per status: heifers, first lactation, late lactations
- 'Special treat': pregnant animals program
- Smart menus: automated policies by days in milk, yield, body weight and energy balance
- Safety mechanisms to avoid over-feeding or no-feeding, daily maximum and daily minimum
- Control of distribution throughout the day
- Ketosis cows menu: treatment options powered by Afilab automatic Ketosis detection



Highlights



User friendly



In  line
milk lab

Unique applications



Decision support tools



Enhanced cow monitoring



Best large farm tools



Animal wellbeing