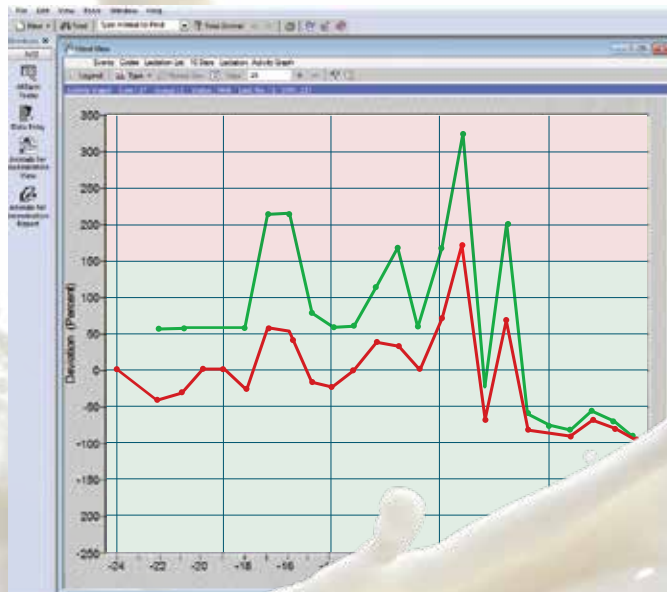


# AfiFarm™

## The Ultimate Herd Management Tool



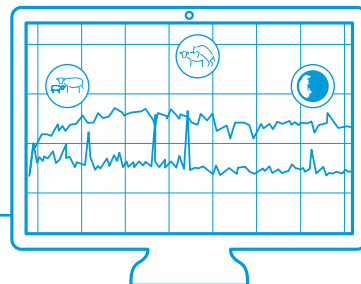
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Vital know-how in every drop



# AfiFarm

## The Ultimate Herd Management Tool



In today's harsh business environment, dairy farmers require efficient management tools that simplify daily operation of the dairy farm and provide them with analysis of the current situation and indispensable data essential for long term planning.

**AfiFarm** is the world's most comprehensive management software for advanced dairy farm and herd management. Its strength is derived from its comprehensive animal database consisting of data automatically collected by real-time Afimilk modules such as AfiMilk MPC, AfiAct, AfiWeigh, and other sources of data and animal events.

**AfiFarm** may be customized by its users. It enables to design shortcut bars, to build automatic procedures operated by the program, to design customized reports, to display data in reports or in graphic format for user convenience and to set up automatic operations such as printing of reports, selection of tasks for the day, and much more... Thus, AfiFarm may be designed to support specific users on the farm without the need to familiarize all the staff with the entire program.

AfiFarm is used in many countries around the world. Its screens have been translated into more than 15 different languages, including Chinese, Russian, French, German, Spanish, Italian... It interfaces with major herd books, other herd management programs and milk test files in many countries.

## Main Features of AfiFarm

AfiFarm deals with various aspects of the dairy herd. It analyses the data, generates reports and work-lists to present an accurate picture of the dairy herd at any given moment.

Integrated into the AfiMilk system, AfiFarm provides tools for daily routines and decision making on the dairy farm, alongside in-depth periodic performance analysis of the herd and farm.



# Daily Routines



## Fertility

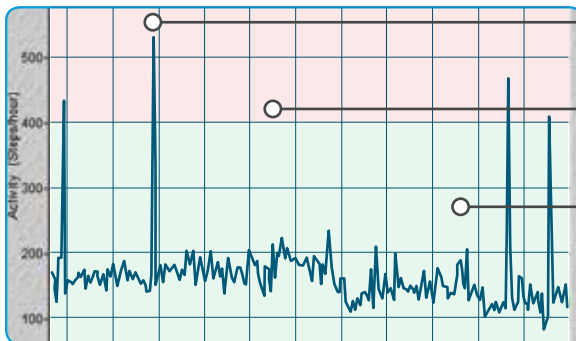
- Breeding lists
- Keeping track and alerting for open cows
- Alerting for suspected abortions
- Dry-off schedules and charts
- Calving schedules and charts
- Automatic selection of cows for procedures such as OvSync and Pregnancy checks



## Health

- Lists of cows suspected for udder disease,
- Lameness or post-calving problems
- Suspected Ketosis list
- Vet lists

### Activity graph showing abortion



A.I



PD+



Abortion



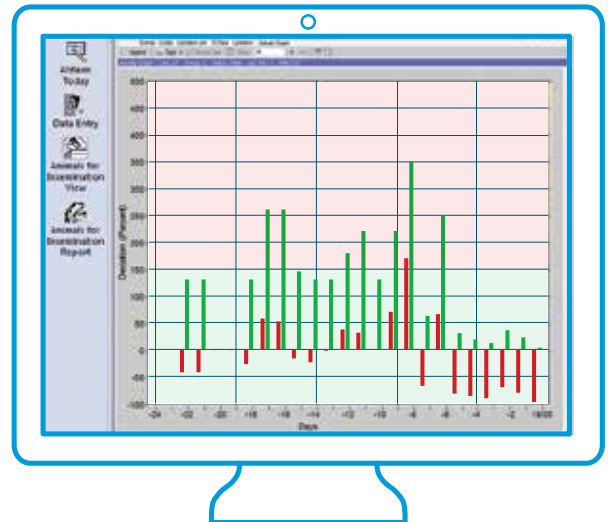
## Parlor and Equipment

- Follow-up on the efficiency of milking routines
- Alerting for milking irregularities, cows holding up milk, over-milking and kick-offs
- Calculating average milk curve to alert for Bimodality
- Follow-up on overall milking efficiency and parlor throughputs
- Follow-up on “Claw-On Times”
- Alerts for equipment malfunction



## Milk Production Follow Up

- Total milk production by session and day
- Group averages and deviations from normal
- Daily milk shipments



# Performance Analysis



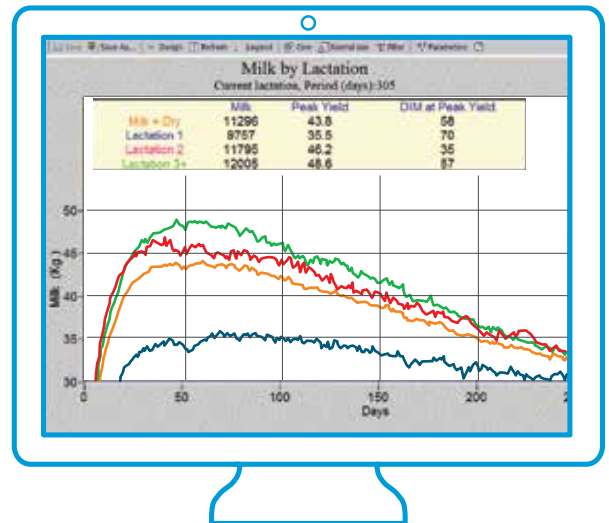
## Production

- Milk production is analyzed at a herd, group and individual animal level
- Herd/Lactation production curves and targets
- A Production-prediction module for individual cows
- Comparisons between herd groups, time periods and other parameters
- Milk marketing



## Health

- Herd health summaries to monitor and follow the status of the herd
- Drug and stock management





Fertility

- Fertility analysis reports to evaluate pregnancy rates, conception rates, cycle distribution, and other fertility indexes compared to benchmarks
- Fertility event analysis



Herd Planning

- Follow-up on herd structure, groups and lactation distribution
- Herd and yield planning for optimizing production throughout the year\*
- Quota management and planning
- Cull planning according to pre-set user criteria
- Calf and heifer management



## Pregnancy Rate Detection Report

Pregnancy Rate Detection (01/01/2011 - 30/06/2012) (11/11/2012 11:47:14)							
Design Refresh Parameters							
Date	Heat eligible	Heat detected	Heat detection rate %	Pregnancy eligible	Pregnancy detected	Pregnancy rate %	Abortion
02/01/2011 - 22/01/2011	826	715	87	826	302	37	1
23/01/2011 - 12/02/2011	825	701	85	824	373	45	1
13/02/2011 - 05/03/2011	590	487	83	590	264	45	--
06/03/2011 - 26/03/2011	551	443	80	551	242	44	6
27/03/2011 - 16/04/2011	427	304	71	417	133	32	9

Pregnancy	Pregnancy rate %	Abortion	Heat eligible	Heat detected	Heat detection rate %	Pregnancy eligible
302	37	1	826	715	87	826
373	45	1	825	701	85	824
264	45	--	590	487	83	590
242	44	6	551	443	80	551
133	32	9	427	304	71	417

\* Predicting production for individual cows enables prediction for the entire herd. This module displays the predicted production when changes in herd size are made (for example, cows sold, heifers bought).

## AfiFarm Software Benefits

AfiFarm brings modern management capabilities into the dairy farm. It is an easy to use, customizable program yet its management philosophy incorporates in-depth knowledge of dairy farming.

- AfiFarm was created by dairymen and dairy experts to cover every aspect required for managing a dairy farm.
- The combination of data collected automatically by the Afimilk sensors and other sources of data entered manually or transferred from other data sources creates a comprehensive yet accurate database of animal information.

- The AfiFarm design allows easy access to the database for extracting data for reports or graphs.
- AfiFarm is the ultimate tool for every dairy farm. It provides the appropriate tools for managing smaller family farms and for managing the big Mega farms.
- AfiFarm stores historic animal data including previous lactations, culled cows, offspring and bulls. This enables an accurate lookup and performance analysis alongside future prediction and herd planning.

**As one of the Afimilk users once said** “AfiFarm does not replace good cow men. In fact, good cow men seem to be its biggest fans.”



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