

AfiFarm™



# AfiFarm™

The Ultimate Herd Management Tool

## *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 analyses 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 derives from its comprehensive animal database consisting of data automatically collected by real-time AFI modules such as **AfiMilk**, **AfiAct**, **AfiWeigh**, and other sources of data and animal events.

**AfiFarm** may be customized by its users. It enables designing shortcut bars, to build automatic procedures operated by the program, to design customized reports, to display data in lists or in graphic format for user convenience and to setup automatic operations such as printing of reports, selection of tasks for the day, etc... 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.

**afimilk™**

The Heart of the Dairy Farm

SAE Afikim Kibbutz Afikim, 15148 Israel  
Tel: 972-4-6754812, Fax: 972-4-6751862  
market@afimilk.co.il www.afimilk.com



# AfiFarm

## Main Features of AfiFarm

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

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

### Daily Routines

#### 1 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

#### 2 Health

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

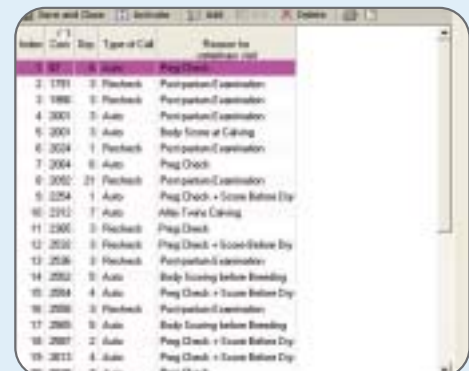
#### 3 Parlor and Equipment

- 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

#### 4 Milk Production Follow Up

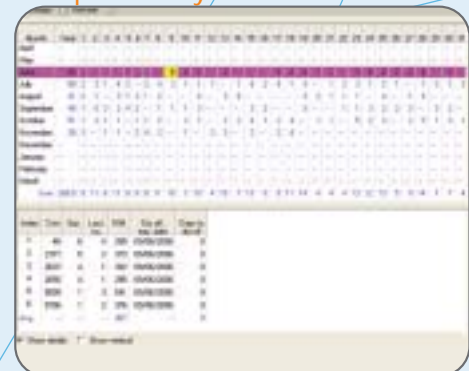
- Total milk production by session and day
- Group averages and deviations from normal
- Daily milk shipments

#### Vet Visit



Index	Cows	Sex	Type of Calf	Reason for intervention list
2	1791	3	Heifer	Pregnancy Examination
3	1880	3	Heifer	Pregnancy Examination
4	2001	3	Auto	Pregnancy Examination
5	2001	3	Auto	Body Score at Calving
6	2024	1	Heifer	Pregnancy Examination
7	2004	6	Auto	Preg Check
8	2002	21	Heifer	Pregnancy Examination
9	2254	1	Auto	Preg Check + Score Before Dry
10	2212	7	Auto	Alter Trunk Calfing
11	2305	3	Heifer	Preg Check
12	2320	3	Heifer	Preg Check + Score Before Dry
13	2526	3	Heifer	Pregnancy Examination
14	2552	3	Auto	Body Scoring before Breeding
15	2584	4	Auto	Preg Check + Score Before Dry
16	2586	3	Heifer	Pregnancy Examination
17	2665	3	Auto	Body Scoring before Breeding
18	2687	2	Auto	Preg Check + Score Before Dry
19	2813	4	Auto	Preg Check + Score Before Dry
20	2821	3	Auto	Preg Check

#### Expected Dry



Index	Cows	Sex	Age	...
1	1791	3	180	...
2	1880	3	180	...
3	2001	3	180	...
4	2001	3	180	...
5	2024	1	180	...
6	2004	6	180	...
7	2002	21	180	...
8	2254	1	180	...
9	2212	7	180	...
10	2305	3	180	...
11	2320	3	180	...
12	2526	3	180	...
13	2552	3	180	...
14	2584	4	180	...
15	2586	3	180	...
16	2665	3	180	...
17	2687	2	180	...
18	2813	4	180	...
19	2821	3	180	...

# Artifarm

## Performance Analysis

### 1 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

### 2 Health

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

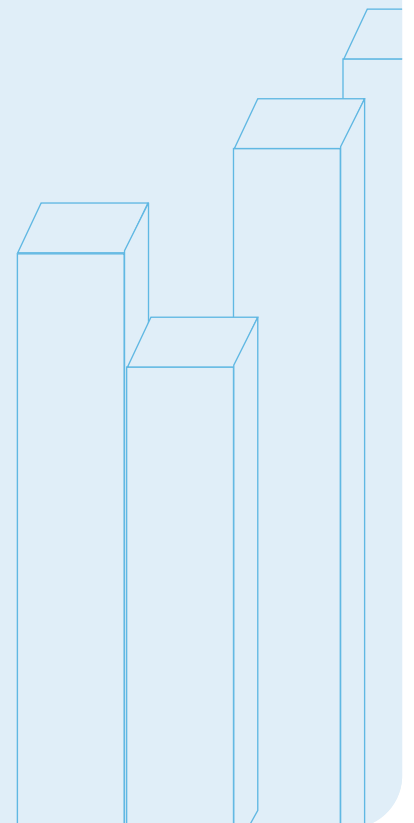
### 3 Fertility

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

### 4 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

\* 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).



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### AfiFarm Software Benefits

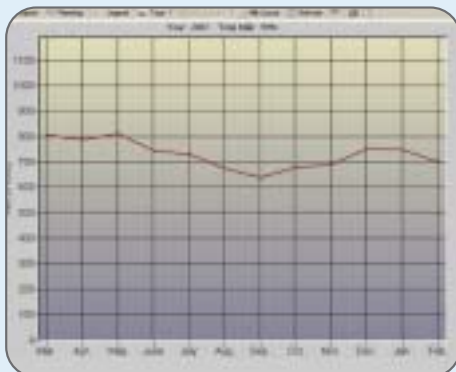
**AfiFarm** brings modern management capabilities into the dairy farm. It is an easy to use, customizable program yet its management philosophy incorporates in-depth knowledge of dairy farming.

**AfiFarm** was created by dairymen and dairy experts to cover every aspect required for managing a dairy farm.

- **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.
- The combination of data collected automatically by the **AFI** sensors and other sources of data inputted manually or transferred from other data banks creates a comprehensive yet accurate database of animal information.
- The **AfiFarm** design allows easy access to the data bank 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.

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

Estimated Production



Lactation Curves

