

FarmOnline provides comprehensive overview of house production

SKOV A/S introduce new management system that links house computers in a network

With FarmOnline, SKOV provides pig and poultry producers with a comprehensive overview of the production in the various houses.

FarmOnline is a management system intended for large pig or poultry farms, where each house is controlled by one or more SKOV house computers.

In practical terms, the solution consists in all data from the house computers being directed to a central Farm Controller, which processes the data. Subsequently, the data are accessible via the Internet on a PC or on a PDA. The wireless connection used by the PDA can be either the farm's own network or any wireless network in the world.

– FarmOnline makes it possible for the farm manager to constantly monitor the production so that he can intervene in case of irregularities. Immediate action may ensure the animals' wellbeing and reduce or completely eliminate financial loss, says Stig Veis Jørgensen, Marketing Coordinator, SKOV.

– By means of house computers that are linked in a network, the farm manager can collect production data from the various sections and houses. This makes it possible to concentrate efforts on houses or sections with an irregular production, Stig Veis Jørgensen explains.

All climate conditions

One of the FarmOnline modules that are already available is FarmClimate, which provides a complete overview of relevant climate conditions in the houses. The screen includes data about temperature, air humidity, CO₂ level, heat, ventilation, spraying, cooling and floor heating.

The module can display 24-hour reports. It can be used in both pig and poultry production.

SMS from FarmWatch

Another module is FarmWatch, which transmits warnings about oncoming disease in the herd based on the pigs' drinking behaviour.

A warning about disease can now be sent as an SMS text message via the GSM mobile telephone network as soon as deviations are detected in the pigs' drinking pattern.

This use of SMS is one of the approved new products at Agromek 2007 at Exhibition Centre Herning.

FarmWatch registers water consumption at section level and compares it with the expected water consumption. Warnings about changes in the water consumption are transmitted on an hourly basis, facilitating immediate action if problems are observed.

Air cleaning

Another approved new product at Agromek 2007 is FarmClean. The software is used in connection with SKOV's module-based solution for biological air cleaning – Farm AirClean.

Each air cleaning module is equipped with a controller so that the producer can adjust the air cleaning in the individual house sections and control a filter washer. Cleaning data such as water consumption, operating time and any alarms from the individual modules are accessible via FarmClean on an Internet-connected PC or via a PDA. Data can also be displayed in a 24-hour report or a year-to-date report.

Poultry production

The software module FarmProduction provides a complete overview of production data that are relevant to the poultry producer.

The 24-hour report gathers all important data from the last 24 hours or data for 'batch to date'. The module contains data about the animals' weight, water and feed consumption and also about stocked and depopulated birds.