Inseminate your sows exactly at the right moment, every time, all the time

NEW GENERATION

pigwatch
Sow Insemination System 5

Revolution in AI Management
Increase Your Farm Net Profit By More Than 50%

Proven On-Farm Benefits:

• Only 1.3 semen doses
• 95%+ fertility rate
• 0.5 total born/litter gain
Is PigWatch for You?

Every pig producer who is aiming at high levels of performance can benefit from PigWatch. For substantial payback, it is recommended for any breeding operation that weans a minimum of 10 sows at a time.

A Totally New Way to Look at Insemination

24/7 Heat Monitoring

PigWatch is a leading edge computerized AI management system that allows you to inseminate your sows exactly at the right moment, every time, all the time.

Thanks to the system’s 24/7 electronic sow behaviour analysis capability, you can now monitor in real time the heat status of each sow.

It is like having a highly skilled pig farm worker standing behind each sow day and night, 365 days a year...

Optimal Insemination

An insemination performed exactly at the right moment, using only one semen dose, is our own definition of an optimal insemination.

Over the past decades, scientists and breeders have been looking for a simple and efficient method to determine the best time to inseminate a sow, in order to maximize fertility and consequently decrease the number of heat returns.

This dream has finally come true with PigWatch, which ensures that you always inseminate at the right moment, using an average of only 1.3 semen doses. This compares advantageously to the industry average that ranges between 2 and 3.0 doses.
PigWatch Benefits

PigWatch allows you to inseminate your sows exactly at the right moment and improve the performance and profitability of your operation. PigWatch is a powerful AI management tool that definitely gives you the lead over any competition. Here are some of its most important benefits:

1. Reduced Semen Doses
   Not knowing exactly the best time of insemination often leads to the multiplication of semen doses. PigWatch allows you to monitor the heat status of your sows in real time and removes any doubt as to the optimal time of insemination. This allows for only one semen dose in many cases, thus eliminating early, late or useless inseminations.

2. Increased Fertility and Total Born
   When you inseminate exactly at the right moment, the number of fertilized ovules necessarily increases, automatically yielding more piglets per litter. Moreover, a precise and timely insemination decreases the number of unproductive days of your sows, contributing to a larger number of born piglets per year.

3. Elimination of Systematic Heat Detection
   Traditional boar exposure heat checking has now become a thing of the past. All you need to do is to carry-out PigWatch AI requests on time for successful inseminations, which saves you lots of time and money.

4. Remote AI Management
   You are never cut off from your farm. PigWatch allows you to make timely AI management decisions from any distant location, such as your home, office or even from your hotel room when traveling. A simple Internet connection at the farm, a laptop computer or a smartphone such as iPhone, Blackberry, etc., is all you need. This allows you to monitor in real time the heat status of any given sow at any time of the day or night, eliminating any reason to miss an AI request!

5. Sustained Weekend and Holiday Productivity
   PigWatch is your surest guaranty of a rigorous and easy AI management method, which becomes specially important during the weekends or when your regular skilled staff is away on vacation. During those critical periods, set your farm AI management on autopilot, which guarantees you peace of mind and sustained productivity.
How Does PigWatch Work?

Accurate heat status monitoring is a key factor in AI management and profitability of a herd. PigWatch allows you to inseminate your sows exactly at the right moment, even from the third day after weaning. Here is how PigWatch works:

A Monitoring Device & LED Display
The sow behaviour is monitored 24/7 by infrared sensors, the eyes of the monitoring device that is mounted on top of each stall. The LED display is a simple and practical visual system that communicates precious information to the worker in real time, such as heat and AI status, and AI requests.

B Data Analysis Cabinet
PigWatch’s brain is a powerful computer system located in the cabinet that analyses sow behaviour data in real time. The algorithm, the heart of the system, executes numerous complex calculations to determine the exact time of insemination.

C Interface
PigWatch’s interface provides you in real time with detailed and easily interpretable graphs, and key visual information on the progression of a sow’s heat. These are also easily accessible via any Internet connection.

The system’s interface also gives you quick and easy access to each sow’s productivity profile and to meaningful historical data reports, which can be printed and analysed when required. This provides you with key performance results, such as fertility rate of the herd, average number of semen doses, total born, etc.

Tactile Pen
This practical and ingenious magnetic tool has been designed to facilitate the breeder’s daily work. It can be used to automatically enter/exit sows from the system and register AI directly from the stall location.
PigWatch Daily Use

LED Display System
The sow behaviour monitoring device features an AI request indicator (top light). Its interpretation is as simple as can be. When it flashes green, just go ahead and inseminate.

Interface & Graph Dashboard
This dashboard allows you to monitor in real time the heat status of your sows and better plan your AI management.

AI Requests Worksheet
PigWatch automatically produces and prints out daily AI request worksheets to facilitate your work. This is also a great AI management tool for any producers who have large number of productive sows.

PigWatch Graph - An Accurate and Handy Tool
PigWatch graphs allow you to visually monitor in real time, the heat status of your sows directly at the farm, or from any remote Internet location. This tool is simple to use, making it easy to manage your AI requests efficiently. Here is an example of a day 5 insemination request:
On Your Way To Top Notch Performance

PigWatch is a unique and revolutionnary tool that allows you to quickly improve the performance and profitability of your herd. All you need to do is to diligently carry-out inseminations as per requested by the system.

A Schedule Adapted to the Sow’s Ovulation Cycle

PigWatch works with the sow’s ovulation cycle, allowing for inseminations to be carried-out as close as possible to PigWatch AI requests. The ideal AI management program requires workers to be present at the farm when sows are ready to be inseminated. In this perspective, PigWatch proposes 2 periods of inseminations a day for best coverage.

Internet Connection – An Additional Benefit

An Internet connection at the farm allows for quick and easy real time remote monitoring of your herd performance, and it is highly recommended for the following reasons:

• Anyone in your team can easily manage AI’s from any remote location.
• Our PigWatch technicians can monitor your farm’s AI results in real time from a distance, and bring you timely guidance and training to help you better analyse and understand your graphs and AI requests.
• It also allows for sustained remote after sales technical support and timely update of software.

You are Never Left Alone!

Our PigWatch team is always there to bring you the support you need, when you need it. It is our pledge!

Payback Analysis

Our payback analysis is your surest guaranty of a realistic picture of profitability and return on your PigWatch system investment. This analysis takes into account your current AI results, and conservative projected key figures, such as fertility rate, semen doses reduction, total born, etc.

Training

Our PigWatch specialists accompany you through an easy comprehensive step-by-step hands-on training program, to ensure that you quickly understand and master your system. Making you perfectly skilled and autonomous as quickly as possible is our objective!

Follow Up & Technical Support

Our PigWatch technicians are also committed to help you reach your performance objectives as quickly as possible. Contact us anytime you have questions on graph or AI request interpretation, or on any functions of the system.

Helping you is our privilege! You are never left alone!
RO-MAIN designs, manufactures and markets innovative products and technologies that allow you to improve the productivity and profitability of your pig farm.

We are proud to mention that most of our products and technologies are developed and thoroughly tested in our own pig production facilities.

Your PigWatch system is fully covered by the manufacturer’s 2 year limited warranty against product and workmanship defects.