

SMARTBOW[®]
YOUR COWS. YOUR BUSINESS.



THAT EASY
YOUR HERD
IS MANAGED.

THE INTELLIGENT EARTAG

- ▶ REAL-TIME COW LOCALIZATION
- ▶ RELIABLE HEAT DETECTION
- ▶ RUMINATION & HEALTH MONITORING



www.smartbow.at



THAT EASY
YOU CAN FIND
ANIMALS.

REAL-TIME COW LOCALIZATION

SMARTBOW shows you, where your animals are in the barn. At a glance you can see on your PC, Smartphone or Tablet the location of the cow, which has to be inseminated or treated and you know where the animals are, which haven't been to the milking robot.

- ▶ Find single cows or problem animal quick and easy in the barn
- ▶ Save valuable working time
- ▶ Real labour-saving: works can be finished speedily
- ▶ Less stress: animals remain in the herd
- ▶ Additional space in the barn: selection equipment and waiting room are expendable





THAT EASY
YOU SHORTEN
CALVING
INTERVAL.

RELIABLE HEAT DETECTION

If a cow is in heat, it is more active and ruminates less. SMARTBOW collects these factors around the clock and alerts you automatically in case of heat on PC, Smartphone or Tablet. You are permanently informed about the breeding status of your animals and can inseminate them at the optimum time.

- ▶ Higher milk yield with less work effort
- ▶ Automatic monitoring around the clock
- ▶ Best inseminating results
- ▶ Reduce costs for inseminations, hormone therapies, etc.
- ▶ Shorter calving interval





THAT EASY
YOU REACH
HIGHER
MILK YIELDS.

RUMINATION & HEALTH MONITORING

The rumination behavior of a cow is an important indicator for animal health. The intelligent SMARTBOW Eartag records minute by minute how long your animals are ruminating. In case of sudden changes alerts allow taking fast action. The faster you react, the sooner milk yields are back at the initial level.

- ▶ Early detection and treatment of diseases
- ▶ No loss of production
- ▶ Avoid medication and culling costs
- ▶ Improved animal health



HOW IT WORKS



STEP 1: EARTAG

The intelligent SMARTBOW Eartag collects in real-time the current location, the activity and the rumination of your animals.



STEP 2: WALLPOINT

Receivers forward these data to a local server at the farm.



STEP 3: SOFTWARE

The data of each animal is analysed by special algorithms at the server and alerts are generated. On PC, Smartphone or Tablet you are informed about heat and changes in rumination behavior. The current position of animals is displayed on a digital map of your barn.

EASY HERD MANAGEMENT

SMARTBOW provides you the information you need, where you need it and supports your daily work. You or your employees can insert insemination and health information directly in the barn on the Smartphone. The data will be synchronized immediately and you are always up to date.

You always have the necessary overview of your animals and everything under control. With less time effort you increase profit.

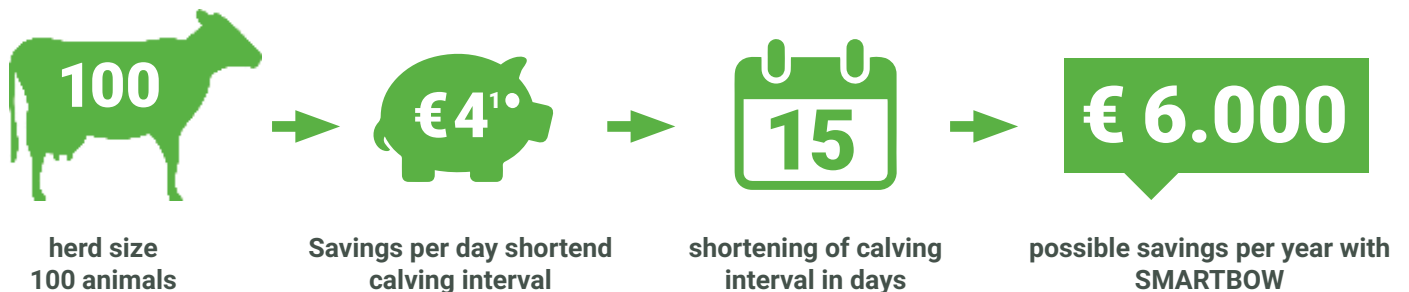
You can combine the different solutions of SMARTBOW depending on your specific needs and herd size.

YOUR SAVINGS

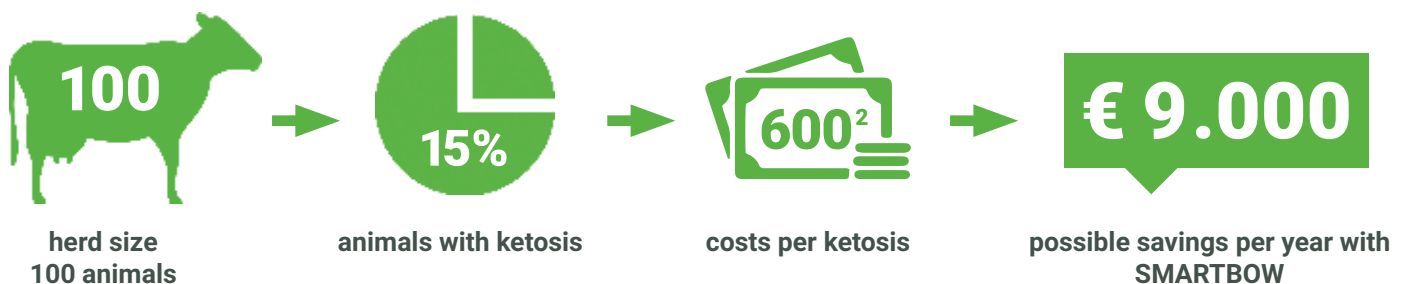
REAL-TIME COW LOCALIZATION



HEAT DETECTION



RUMINATION & HEALTH MONITORING



¹ Based on the average situation in Europe, where a shortened calving interval saves between 3 to 5 Euro per cow and day.

² Average costs of ketosis calculated on different publications.

MEET OUR CUSTOMERS



HEINRICH ZENGERLE, BAVARIA, GERMANY

His need: Reliable heat detection for cows and heifers, intuitive to operate herd management software

» Absolute reliable heat detection is on my farm economically essential, SMARTBOW provides perfect support.

At the beginning I was sceptic towards the system and the software, but today I can wholeheartedly recommend SMARTBOW. I have built confidence to the system and today I rely completely on it.

What I like most is the reliable heat detection for heifers, here I especially had difficulties. I see an advantage in the fact that SMARTBOW works with Eartags. Those can be reused and don't have to be readjusted.

Even I, who didn't grow up with computers, was able to use the software in a breath. All I have to know about my cows is now clearly displayed and summarized.

farm profile:

number of animals: 50
employees: none
number of barns: 1
milking robots: none

OTTO HADVALL, SWEDEN

His need: Fast detection of cows in the barn, which haven't been to the milking robot.

» It is very difficult to have an overview of 400 dairy cows, especially to know where each cow is located in the barn. In the evening when I come back from working on the field, I have to herd the cows, which haven't been to the milking robot. It was very tricky to find those cows in the herd. Since SMARTBOW was installed at the barn, I have done this work very fast, so that I can go to bed one hour earlier. I always take my tablet with me in the barn. I just enter the animal number in the SMARTBOW software and I can see immediately on the map, where each animal is located.

farm profile:

number of animals: 400
employees: 4
number of barns: 1
milking robots: 6



Both my employees and I have quickly learned to work with the system. We all don't want to miss the solution. We save up to 2 hours working time per day! Revolutionary!



- ▶ REAL-TIME COW LOCALIZATION
- ▶ RELIABLE HEAT DETECTION
- ▶ RUMINATION & HEALTH MONITORING



WHY EARTAGS?

The SMARTBOW Eartag is mounted in seconds on the animals' ear, fits optimal and doesn't slip out of position, whereby measurements are especially accurate. It can be reused several times. Your investment is secure.

INTUITIVE USE

Even you have an affinity for technology or are still skeptical towards of all kind of computers, we grant, that the use of SMARTBOW will be easy for you. Our customers say: "That simple software has to be."

FIRST CLASS SERVICE

Our customer service will be glad to answer all of your questions. Via remote-maintenance online support directly on your system is possible. On site you get personal advice by our qualified employees.

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presentation
in your area!*