

NEW

# More than just Heat Detection

New: Nedap Smarttag Neck for Heat Detection with Eating Monitoring

Increase your entire herd's milk production and your farm's results with Nedap Heat Detection with Eating Monitoring.



Nedap Heat Detection

★ Vital element for growth

**NEW:**

# Nedap smarttag neck for Heat Detection with Eating Monitoring



INCREASE YOUR ENTIRE HERD'S MILK PRODUCTION  
AND YOUR FARM'S RESULTS WITH NEDAP HEAT  
DETECTION WITH EATING MONITORING

Not only your fertility results but also your animals' health and well-being have a direct correlation with milk production. Besides detecting heat expression, being able to automatically pick up on signals that tell you about each animal's health delivers plenty of added value. Nedap is taking a major step forward in this area with the intelligent Smarttag Neck for Heat Detection with Eating Monitoring. Our Heat Detection technology not only alerts you to cows in heat in good time, it also draws attention to any animals in your herd with possible health problems. So you can improve your insemination results and check or treat animals with possible health problems in plenty of time and with the greatest of ease. You save time and stay in control, so you can achieve and maintain the best possible production performance from every animal – no matter how big your herd is.

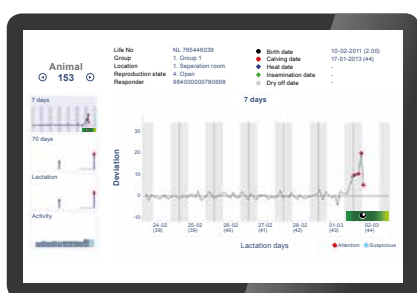


## Nedap Heat Detection takes another step forward with Eating Monitoring

Nedap Heat Detection with Eating Monitoring gives you the famous, high-precision Nedap Heat Detection RealTime 24/7 and at distances of up to 500 metres around the antenna. Nedap Eating Monitoring is a major advance in the automatic tracking of each individual animal's health and well-being. It records the time each day an animal takes in roughage or grazes. Changes in this eating behaviour tell you that there may be something wrong with the animal and that it needs further attention. So you are always aware of any potential health problems at an early stage and you can avoid any serious negative consequences such as a drop in production or high treatment and culling costs. Nedap Eating Monitoring also enables you to keep an extra close eye on your animals during the vulnerable period around calving, when they are more susceptible to diseases due to changes in their environment, feed, energy balance and stress.



Graph with Reduced Eating Behaviour alerts: eating behaviour over last 10 days



Graph with Heat Detection alert: heat expression last week

## Nedap Smarttag Neck

The Nedap Smarttag Neck accurately detects every animal's heat expression and health signals, and can be combined with high-performance Nedap identification technology as an optional extra. Our intelligent use of materials guarantees a robust, water-tight and durable tag that can withstand the pressures of every barn environment. The Smarttag's unique shape and weight keep it in the optimal position under the cow's neck. This intelligent tag automatically alerts you via the system if it is hanging in the wrong position or if it moves into the wrong position during use.

## More knowledge = more profit

Nedap Heat Detection with Eating Monitoring gives you precisely the information you need to achieve and maintain the best performance from every animal. Accurate determination of the optimum insemination time results in more effective insemination, leading to shorter times between calvings, optimised milk production and higher yields. Alerts to changes in eating behaviour enable you to check your animals for possible health problems in good time. So you can intervene at a very early stage and avoid serious negative consequences such as a drop in milk production – and save on treatment and culling costs at the same time.

## All the benefits at a glance

- Very accurate heat detection 24/7.
- At least 90% detection rate.
- Eating Monitoring function detects possible health problems.
- Detection up to 500 metres around the antenna.
- Optional ISO identification for management applications.
- Thanks to its optimised shape and weight, the Smarttag stays neatly in position at the base of the neck.
- More control over every animal's production performance: fast pay-back time.



Due to our increasing population and prosperity, dairy and meat producers have seen a rise in the demand for their products. This development is accompanied by increasingly stricter requirements in regard to the quality and safety of food and simultaneously, there is a rise in the costs of raw materials, labour and energy. For more than 35 years Nedap has responded to these challenges by delivering the precise technological solutions that enable sustainable growth for producers in the livestock industry. Feeding, milking, separating, sorting and heat detection; barn automation on the basis of electronic individual animal identification makes it possible to manage individual animal care and to monitor production and health. This saves you valuable time, provides a calm atmosphere and a clear overview. As a result, costs will be reduced and profits will increase. Furthermore, it will enable you to produce in a much more animal-friendly manner.

## Vital element for growth



### **Nedap Livestock Management**

P.O. Box 104  
7140 AC Groenlo  
The Netherlands

T +31 (0)544 471 444  
E [livestockmanagement@nedap.com](mailto:livestockmanagement@nedap.com)