

SCR Heatime® HR System

Thanks to the SCR Heatime® HR and Ruminarte® systems, Azienda Agricola Legni dairy farm has improved its fertility rate, rate and general herd wellbeing, and optimized their feed choices.



Mario and Manuel Carli, Owners of Azienda Agricola Legni



In summary

Company: Azienda Agricola Legni

Office: Loc. Vigo Lomaso (TN), Italy

Herd size: 180 cows, 90 of which are milking

Objectives

- Increase the rate of heat detection
- Detect heats with precision
- Reduce calving intervals
- Limit problems in the first phases of the milking period
- Maintain complete control and reliability of the herd

System

- SCR Heatime® HR System with an infra-red antenna
- Sivam Ruminarte® System

Advantages

- Improvement in the fertility rate
- Improvement in number of days open
- Early detection of health problems
- Ruminant monitoring for individual animals as well as the entire herd
- Immediate verification of the effectiveness of dietary changes
- Increase in milk production
- Reduction in hours, labor and costs

In May of 2013, Azienda Agricola Legni started using the SCR Heatime® HR System with an infrared antenna, including heat detection and rumination detection capabilities.

Learning to use the system was fast and easy. *“I quickly learned how to use the system. It’s immediate. The touchscreen equipment is really simple,”* Manuel Carli, Co-Owner of Azienda Agricola Legni says.

On the farm, the SCR Heatime® HR System is regularly checked a few times during the day. I make an entry / update to the data when there is a fertilization / calving. I check the system’s information two times a day: in the morning and evening, or when a problem is detected, or there’s an additional alarm.

“Thanks to SCR Heatime® HR, today I am able to have complete control over the herd and to identify health problems, which cause substantial economic problems, ahead of time. Compared to the past, when we were relying only on visual observation, today I can count on an instrument that is able to give me prompt, reliable notifications about the herd. We are able to identify heats with high reliability (>95%). We can anticipate things that the eye generally could not see. We have had particularly good results with monitoring the animals during the delicate initial phase of milking and up to the peak of milk production, thanks to early identification of dysmetabolism.”

The dairy farm is also able to gather precise, timely notifications about feed rations. *“From the moment we installed Heatime® HR it was possible to significantly improve feed effectiveness. This, together with the addition of UNIFEED’S IMMUNITY CFR to the feed, has contributed to a further reduction in feed costs by reducing the amount of protein feeds. In addition, the number of days open has improved. We have gone from an average of 120-to-130 days to an average of 80 days,”* states Mario Carli, Co-Owner of the farm.



SCR

With more than 35 years of notable experience in innovation, our avant-garde solutions allow you to arrive at more intelligent and sustainable breeding management, making us number one in the cow monitoring and milking technology sector. Our advanced cow monitoring systems are designed for the collection and analysis of important data and rumination motor activities for every single cow. They also provide important notifications about heats, health and nutrition to dairy farmers exactly when they need them.

Our innovations are based on the following principles:

- ▶ **Experience:** vast experience in the industrial sector, and particularly in the improvement of the productivity of animals
- ▶ **Commitment:** committed to the creation of effective tools and solutions, that are able to provide answers to the most difficult challenges
- ▶ **Practicality:** a concrete approach, which assures ease-of-use, and ready-to-use information
- ▶ **Flexibility:** scalable, modular systems designed for easy adaptation to herd enlargement projects

In Italy since 2010, SCR collaborates with Sivam for the exclusive distribution of SCR Heatime® HR Systems, as well as the development of practical applications for rumination monitoring.

SCR. Make every cow count.

SIVAM

From the field to the stall: Sivam is the only company in Italy that offers a wide array of products to satisfy more than 20,000 clients in all phases of agri-zootechnical management.

Its distinguishing characteristic, which has made a difference over the years, is the creation of a strong connection between various technical methods used in the production process, that gives life to the innovative Ruminarte® System - a working method that directs the farmer to the best business choices within the complex cycle that begins with the cultivation of fodder, and continues through its harvest, storage and nutritional use, in order to arrive in the stall and improve efficiency in the herd's management.

Ruminarte® makes a difference in each of the four distinct phases of the farm's cycle: **seeding and cultivation, harvest and storage, rumen development, and feeding and monitoring.**



Copyright © 2014 SCR Engineers Ltd. The information contained within this document is subject to change without notice. The only guarantees for products and services from SCR are reported in the explicit guarantee declarations that accompany all products and services. Nothing in this document should be interpreted as an additional guarantee. SCR will not be responsible for technical or editorial errors or omissions within this document.