Identify, Record and Predict Digital Dermatitis

Digital dermatitis (DD) outbreaks can become a vicious cycle and ultimately take a toll on animal well-being and dairy herd productivity and profitability. With the DD Check App and a tap on the iPad or iPhone screen, users can review and record lesions, which leads to a better understanding of DD prevalence across the herd in its various stages. When using the app to record information, there is no need for an Internet connection, so data can be collected when and where it’s convenient.

Identify

- Images and descriptions of lesion stages help users understand what to look for with cows in pens, parlors or restraint chutes, and how each stage should be recorded.
- Accurate identification by lesion stage is critical to understanding the herd’s disease status and DD dynamics.

Record

- Use the DD Check App to quickly record the presence of lesions in the various M stages.
- The status of individual cows must be recorded in order to use the DD Infection Model to predict if an outbreak of DD is imminent.
- Record and predict trends in the number of chronic cases of DD.
- After recording, use the DD Check App to create a list of animals needing follow-up, given their DD history and prognosis for treatment.

Predict Outbreaks

- Users may access the DD Infection Model to initiate automated statistical prediction of potential DD outbreaks. This separate model requires added information on individual cows to be entered. The model may be accessed through the app and requires an Internet connection.
- Once the disease status is known, immediate action can be taken through an integrated prevention and control strategy to manage DD.

The DD Check App is part of an integrated strategy to identify, prevent and control digital dermatitis in dairy herds. It was developed by Dr. Dörte Döpfer, Tom Bennett, and Dr. Marlene Tremblay of the School of Veterinary Medicine, University of Wisconsin-Madison, USA.
App Features

1. GET STARTED

2. LEVEL OF DETAIL

3. LESION IDENTIFICATION

4. SAVE AND SUMMARIZE

To learn more about digital dermatitis in dairy cattle and the DD Check App, contact your Zinpro representative or visit zinpro.com.