

Reference Project

Sheldon Luehmann

Dairy farmer in the US, 125 cows

"The smaXtec system has really taken the guess work out of a lot of day-to-day decisions and actions on the farm."



Pine-View Farms began using the smaXtec system in November 2022. Prior to using smaXtec, they were breeding about 85% off the offsync shots and 15% off natural observed heats. Since using smaXtec, they have switched to 85% off of natural heats and only 15% from offsync shots.

"Our pregnancy rates have improved dramatically, the herd's days in milk average is improving, and we are having fewer cows getting injured in the barn."

While the reproductive features are beneficial, the **early disease detection and health alerts** are particularly helpful for Luehmann. With the inner body temperature of each cow constantly being monitored, the Luehmans can know when a cow is going to be sick or have mastitis about two or three days before they can visually see something is wrong in the barn or in the parlor.

*"It has been much easier to deal with cows having a tough transition after freshening by **getting ahead of the symptoms** and being able to **use more natural remedies for things instead of antibiotics.**"*

The calving alerts of the smaXtec system also have been exceptionally beneficial to Pine-View Farms and are proving to be **extremely accurate**.

*"Almost every single time, **just like clockwork, the cow will have her calf 10 to 12 hours after throwing that calving alert.**"*

While Sheldon and Karli Luehmann have only been dairy farming for less than two years and are still learning themselves, they advise other producers interested in smaXtec to do their own research and talk to other farmers to see what is working for them.

*"The system has really **improved our quality of life** and we are able to **relax** a little bit knowing that we have a **24/7/365 observation of our cows.**"*