Abstract by Hiemke Knijn - "Nutrition Management Module" with a new detection method for subclinical ketosis via milk recording samples

Subclinical ketosis is an important metabolic disorder in early lactation dairy cows. Detection of an increased prevalence of subclinical ketosis can help farmers to adjust their management and prevent the development of new cases. CRV gave alerts for cows at an increased risk of subclinical ketosis based on milk fat to protein ratio. Research showed that Fourier transform infrared (FTIR) spectroscopy analysis of milk β-hydroxybutyric acid (BHBA) and acetone might improve subclinical ketosis detection at test days.