

Database

FarmLabo

Publications about BoviLab:

- Validation of an on-farm portable blood analyzer for quantifying blood analytes in dairy cows: <https://pubmed.ncbi.nlm.nih.gov/38531237/>
- Performance evaluation of a newly designed on-farm blood testing system for determining blood non-esterified fatty acid and β -hydroxybutyrate concentrations in dairy cows: <https://www.sciencedirect.com/science/article/abs/pii/S0034528820310122>
- Validation of an on-farm portable blood analyzer for quantifying blood analytes in dairy cows: <https://pubmed.ncbi.nlm.nih.gov/38531237/>

Database transition slide:

- Prevalence of excessive negative energy balance in commercial United Kingdom dairy herds: <https://www.sciencedirect.com/science/article/abs/pii/S1090023319300401>
- Graduate Student Literature Review: What do we know about the effects of clinical and subclinical hypocalcemia on health and performance of dairy cows: <https://pubmed.ncbi.nlm.nih.gov/33685698/>
- Benefits of feeding fully acidified high-calcium prepartum diets: <https://www.agproud.com/articles/36982-benefits-of-feeding-fully-acidified-high-calcium-prepartum-diets>
- Feeding calcium and dietary cation-anion difference in the close-up period: How much is enough: <https://www.agproud.com/articles/57272-feeding-calcium-and-dietary-cation-anion-difference-in-the-close-up-period-how-much-is-enough>

Database downer cow slide:

- Etiology and pathogenesis, clinical findings, diagnosis, treatment and prevention: <https://www.msdsvetmanual.com/musculoskeletal-system/bovine-secondary-recumbency/bovine-secondary-recumbency>
- Survival and prognostic indicators in downer dairy cows presented to a referring hospital: <https://onlinelibrary.wiley.com/doi/full/10.1111/jvim.16249>
- Value of measurements of the serum activities of creatine phosphokinase, aspartate aminotransferase and lactate dehydrogenase for predicting whether recumbent dairy cows will recover: <https://pubmed.ncbi.nlm.nih.gov/12846288/>