



The third tele-conference meeting of the Western Canadian Animal Health Network (WeCAHN) beef network was held 24<sup>th</sup> February, 2021.

**Respiratory diseases:** the most consistently diagnosed syndrome across the network practitioners was bronchopneumonia, in post-weaning calves and feeder cattle. Pneumonia associated with viruses (Bovine coronavirus and Bovine Respiratory Syncytial Virus) was reported increasing, relative to last year, in one location. Antimicrobial resistance or treatment failure was reported for two common bacterial causes of pneumonia or septicemia (blood poisoning): *Mannheimia hemolytica* and *Histophilus somni*.

**Digestive diseases:** Johne's disease, a bacterial cause of diarrhea in cows, was diagnosed commonly from Oct.-Dec. 2020 in two locations.

**Reproductive diseases:** the most frequently reported was primary (i.e. individual) disease of the female reproductive tract (e.g. individual uterine infection in a cow).

**Musculo-skeletal diseases:** were commonly reported, (e.g. arthritis and abscesses).

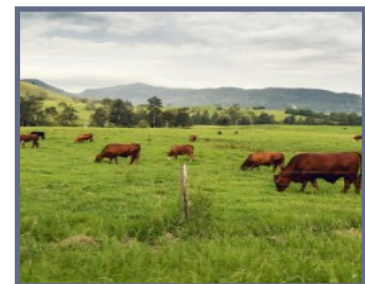
**Novel clinical presentations:** One practice reported increased coccidiosis diagnosed in all ages of cattle, sometimes during treatment.

**Laboratory updates: Prairie Diagnostic Services:** Dr. Huang reported on Influenza D virus PCR detection in bovine respiratory samples at PDS, where they are seeing more success (i.e. viral detection) sampling trachea relative to lung post-mortem samples. Prairie Diagnostic Services continues to include Influenza D detection delivered at no charge on samples for which the bovine respiratory panel is ordered.



**Provincial reports:** : Manitoba reported some follow-up regarding the 2020 Anaplasmosis outbreak outside the 'endemic' zone. No further clinical cases have been detected with this outbreak since the previous (December) network meeting. However, another Anaplasmosis case occurring within the 'endemic' zone was identified, with a primary complaint of leucosis associated with Bovine Leucosis Virus (BVL).

**Canadian Cow-Calf Surveillance network (C3SN):** Dr. Waldner reported that C3SN is currently testing the 2019 group of serum samples for BVL.



#### Takeaways:

- In some areas, Johne's disease and BVL may be becoming more frequent diagnoses in beef herds.