



### **New Intranasal Vaccine Available in Canada September 14th**

Fall will soon be here, and with that comes the seemingly inevitable pneumonia cases as the temperatures fluctuate. Respiratory disease is the most economically significant health problem in the beef industry, and is second only to mastitis in dairy. However, with good immunity and environmental management, we can help you prevent much of this costly disease. Now is the time to discuss your pneumonia prevention program with your herd health veterinarian to ensure it is up to snuff!

A new product is being launched in Canada this September, **Inforce3** (Pfizer), which is a one-dose intranasal vaccine against the common respiratory viruses IBR, BRSV and PI3.

When an intranasal vaccine is given, the response that is stimulated is a local one. This is different from the response generated from an injectable vaccine. While most healthy animals have excellent responses to injectable vaccines, situations such as stress (eg. on arrival, or after cattle from different sources are mixed) or when maternal antibody levels are high (preweaned calves) may cause an injectable vaccine to fail. In these specific cases, an intranasal vaccine may be more appropriate. This new vaccine is especially effective against viral pneumonia caused by BRSV.

There are many vaccine products available for viral and bacterial causes of pneumonia. Please talk to your herd health vet to determine which products are the right fit for the challenges facing your herd.

Ensuring good immunity not only helps prevent the specific viruses or bacteria the vaccine is for, but also helps prevent secondary infections. Great immunity ahead of time also helps in saving the animal's energy for growth and production, as opposed to having to develop an immune response and then deal with infection. As always, the best start for a strong immune system is to feed 4L of clean, quality colostrum as soon

as possible after birth.

## **Milking Stuff**

Recently we have added a new service to the Kirkton Veterinary Clinic that will help fill the void left for milking equipment analysis. Reg Clinton has completed a course to provide on farm dynamic milk testing. This involves analysing vacuum levels during milking in the claw and in the pipeline. It also includes an assessment of milk preparation routine and teat end scores done during milking. We have found that since the service is no longer provided by Mark MacDougall there is a need for it among producers across the province. In the workups done to date we have worked with the equipment dealers to improve the milkability of the cows. Our goal is to improve milk letdown, reduce unit on time and have your equipment function at the optimal level to reduce impact on teats, thereby improving overall udder health. For parlour workups we will look at your parlour summaries to check flow rates in the first 2 minutes of milking as well as time spent in low flow. This service is available immediately, mostly done at morning milking and often includes a coffee and timbits! Speak to your regular herd vet or call the clinic to book Reg.

## **Corn Silage**

Several feed companies are offering chipping services for corn silage sampling this year. Doing this always seem to surprise producers on where the dry matter is in the plant. Given the differences in growing conditions and planting times this year, it would be a good idea to ask your feed guy to do a sample for you!

