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*We will provide industry-leading, reliable, knowledgeable service, in a friendly, courteous and timely manner, to benefit our clients and the communities we serve.*

**Linwood Clinic Hours: Mon-Fri 7am – 5pm Sat 7am – 12pm Hwy 89 Clinic: Mon-Sat 7am-1 pm**

**NOTE: BOTH CLINICS ARE CLOSED SUNDAY**

Orders for Delivery: ***Please call BEFORE 9:30 am*** for same day local delivery Monday to Fri  
24 Hour Emergency Vet Service call any clinic number **1-800-663-2941 519-698-2610 519-323-9002**

## FEBRUARY 2017

### Clinic News

**Monday February 20**, Family Day, is a Statutory Holiday. **There will be no delivery service that day.** Clinics will be open only in the morning and vets will be available for emergencies. Please bring in any milk samples for residue testing, as early as possible, as some testing takes three hours, and needs to be completed before noon.

### ProAction News:

- We have started our pilot program classroom training sessions and are ready to move into regular classroom training sessions with groups of 5-10 producers at a time. Classroom training sessions are an opportunity to get a general overview of the Animal Care and Traceability components which will start in September of 2017. Discussions and questions are always welcome at these sessions. Classroom training sessions costs are covered by the DFO.
- **Please call to get your name on the list for a training session at the clinic.** We will provide a small number of training sessions off-site for those that don't have a means of getting to the clinic. Please let us know if you would like to host a group of 5-10 producers for this type of training session, in your area.
- Further or alternative training in the form of on-farm training is available at the regular hourly rate and can be tailored to fit your farm.
- Remember that you have to be compliant with Animal Care and Traceability starting in September 2017 regardless of when your next Validation date it. Therefore, be sure to read the manual or get your training before then.
- The Vets & Staff at Linwood Veterinary Services are here to help you with all your ProAction needs.

### Preventing Calf Mortality & Morbidity

Did you know that the average dairy farm in Canada loses an average of 10% of their calves by weaning? Think about that for a minute, 1 in every 10 dairy calves born alive are dead before they reach 2 months old! This is a huge opportunity for all of us in the dairy industry. The question is what can we do to prevent pre-weaning calf death? In the last two newsletters we've talked about proper cleanliness of feeding implements and how to feed calves in winter. In this newsletter we are going to talk about preventing calf scours and pneumonia with vaccines and colostrum.

**Colostrum.** You may be thinking, how many times can we talk about colostrum?!? We can never talk about it enough as it is the very best way to protect a calf from disease and death. Colostrum feeding tips:

1. Holstein calves need 4L of colostrum by 6 hours old. Jersey calves only need 3L by 6 hours old.  
(NO EXCEPTIONS)
  - a. Did you know that a calf drinks really well when its 10-30 minutes old?
2. Clean colostrum- clean teats, clean pails, clean buckets, clean bottles
  - a. A calf's guts are open to let antibodies across but bacteria and viruses such as e. coli can also travel through these gut openings. Don't give your newborn calf a dose of bacteria at birth.
3. Feed good quality colostrum.
  - a. You can measure antibody levels on farm in seconds with a refractometer (we can order you one)
4. If the cow doesn't have any colostrum or it isn't good quality, then use a replacement.
  - a. Thaw frozen colostrum saved from a previous cow or mix up a package of Calf's Choice powdered colostrum.

### **Scour Prevention**

There are two types of options for helping prevent scours in calves. Vaccines like Scour Guard 4KC or Scour Bos which are given to dry cows pre-calving. These vaccines work by stimulating an immune response and subsequent antibody production in the cow. She then puts these specific antibodies in the colostrum. When you feed good quality colostrum to a newborn calf you feed these specific antibodies which protect the calf from scours. The other option is a product called First Defense. First Defense is given within 6 hours of birth before or after feeding colostrum and provide protection against E. coli scours. Be sure to talk to your vet at next herd health about how to use these products effectively in your herd.

### **Pneumonia Prevention**

We are very fortunate in the cattle industry to have two intranasal (in the nose) vaccines available to us that help protect newborn calves against pneumonia.

- Inforce 3 IN
  - o Vaccinates against IBR, BRSV, PI3 (3 main viruses which cause pneumonia)
- Once PMH IN
  - o Vaccinates against *Mannheimiahaemolytica* and *Pasteurella multocida*. (2 types of bacteria which cause pneumonia)

A common protocol we recommend on farm for the prevention and pneumonia in newborn and young calves is as follows:

- 3-7 days old:
  - o Inforce 3 IN in one nostril
  - o Once PMH IN in othe other nostril
- 6-8 weeks old (pre-weaning):
  - o Inforce 3 IN in one nostril
  - o Once PMH IN in othe other nostril
- Continue with your normal post weaning vaccinations such as Bovi Gold as per your herd vet.

The idea behind using these two intranasal vaccines is to protect our young calves from pneumonia. Preventing pneumonia and subsequent lung damage results in healthier, well grown calves that calve in sooner and milk better as cows.