



DR. MURRAY RUNSTEDLER DR. PAUL SOSTAR DR. ANDREW MACLEOD  
DR. JOHN TOKARZ DR. KELLY HAELZLE DR. IAN BISHOP

3860 Manser Road, Linwood, Ontario N0B 2A0 (519) 698-2610  
1-800-663-2941 Fax (519) 698-2081  
[linwoodvet@linwoodvet.ca](mailto:linwoodvet@linwoodvet.ca)

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

Orders for Delivery: call by 9:30am for same day local delivery Monday to Friday

24 Hour Emergency Vet Service



## DECEMBER 2011 NEWSLETTER



### Clinic News

Linwood Veterinary Services and Hwy 89 Veterinary Services invite you to a dairy producer meeting with keynote speaker **Dr. Sam Leadley**, PhD P.A.S. the calf/heifer management specialist from Attica Veterinary Associates. Dr. Leadley consults with dairy farmers and heifer growers with the goal of improving the profitability of raising healthier, faster-growing animals through better management practices. We will be hosting meetings with Dr. Leadley the mornings of **January 19<sup>th</sup> at the Legion on King St in Mount Forest**, and **January 20<sup>th</sup> at the Community Centre in Linwood**. Please call the clinic to add your name to our attendance list and to reserve lunch at one of the meetings. **Doors will open at 9 with Dr. Leadley beginning at 9:30** and lunch at 11:30. Pfizer will also take the opportunity to provide information on the new Inforce 3 intranasal respiratory vaccine.

**December Holiday Hours:** The clinic offices will be **closed Monday December 26<sup>th</sup>** for Boxing Day and **Monday January 2<sup>nd</sup>** for New Years Day.

**Additional Delivery day changes:** If Tuesday Dec 27<sup>th</sup> is your regular delivery day, your order will be delivered Wed. 28<sup>th</sup>. Deliveries Dec. 27 and 30<sup>th</sup> will be limited by holiday closures, **please order December 28<sup>th</sup> or 29<sup>th</sup>** if possible. Planning your regular inventory stocking around the holidays is much appreciated!

**Waterloo Cattleman's Annual Meeting** - Linwood Community Centre, January 10, 2012 from 10 am until 2:30 pm, hot lunch provided. To register call Jones Feed Mill by January 6 at 519-698-2082. Speakers include Dr Randy Graham, Pfizer Animal Health, Update on new nasal vaccines; Jason Koudys BIO, Ultrasound technology in the feedlot; OCA Representative, Update on OCA endeavours

### Respiratory Disease in Calves

Bovine respiratory disease in dairy calves has production and economic effects in the short and long-term. Early intervention is critical to reducing the effects of the disease. It is important to understand sickness behaviours and be prepared to respond quickly. The following are how sickness behaviours are presented in calves:

- **Decreased appetite.** This can be subtle or pretty dramatic. Decreased appetite in milk-fed calves depends on if they are fed ad libitum or restricted. Early signs for ad libitum fed calves are more likely to be decreased appetite, while limit fed calves are less likely to try the milk feeder when they are not eligible to be fed.
- **Decreased energy/lethargy.** More likely to be lying down.
- **Decreased thirst.** This can be hard to detect without close monitoring.
- **Apathy.** The calf doesn't care about human interaction or any events occurring in the environment.
- **Energy conservation.** Body position with the head tucked into body.
- **Depression.** These include poor coat quality, lowered head, apathy and dull eyes.
- **Fever.**

### More clues

- **“Statue standing”** and holding the neck below the chest in calves less than 2 weeks of age was associated with lower average daily gain. This is usually observed when animals have Intestinal pain associated to diarrhea.
- **Lethargy.** If calves have very little response or are slow to respond to a person’s entry into their space.
- **Less willingness to approach.** Calves have a natural curiosity and if suddenly calves fail to display this behaviour, this may be seen as a subtle sign of inappetence or apathy.

### Identify Poor Growth

Factors that can cause poor growth in a dairy calf include poor nutrition, bovine respiratory disease, stress, poor environment and more. Identifying causes of poor growth can be challenging since so many variables can affect it. And working with your Veterinarian will help identify and address any respiratory issues.

## Inforce 3

Inforce 3 is a new vaccine recently introduced by Pfizer. It is administered intranasal and is effective on the viruses BRSV, IBR and PI-3. Because it is given up the nose rather than injected in the muscle it can be given much earlier than our traditional vaccine options. This means Inforce 3 can be given to calves as young as one day of age, thereby helping protect them against viral pneumonia, a big threat in the autumn and early winter months when weather is variable.

Inforce 3 is available in a very convenient one-dose format as well as a 10-dose size. Inforce 3 is administered as a 2ml dose with 1 ml given up each nostril. A special administration tip is available to help guide the vaccine into the nostril. To aid with sterility a new tip should be used for each calf.

Inforce 3 has also shown to be very effective when administered to pre-fresh dairy cows in reducing fresh cow fevers. Research done by Pfizer showed an increased milk production in fresh cows vaccinated prior to calving with Inforce 3 as compared to unvaccinated herd mates. No change in treatment rates were noted, suggesting that in many cases we do not realize these fresh cows are sick or under challenge.

Inforce 3 should be considered an addition to a vaccination program rather than a substitute for any vaccination you are using currently. Please discuss with a veterinarian your vaccination requirements and the incorporation of Inforce 3 into your protocols.

## Johne’s Education & Management Assistance Program Update

### PROGRAM COMPONENTS

1. **Education and extension.**
2. **Whole-herd testing and removal of high-titre positive animals. High-titres are animals with test results of 1.0 or higher, or equivalent for blood.**
3. **Complete Risk Assessment and Management Plan (RAMP) with herd veterinarian.**

[www.johnes.ca](http://www.johnes.ca)

The following areas are coming up on the Johne’s program schedule:

Peel, Wellington 1 ( <i>all Townships except Mapleton, Wellington North and Minto</i> )	December 18, 2011 - January 28/12
Waterloo 1 ( <i>all Townships except Woolwich</i> )	January 29, 2012 - March 10, 2012
Wellington 2 ( <i>Mapleton Township</i> )	April 22, 2012 - June 2, 2012

**We invite you to call the clinic or speak to your regular Herd Health Veterinarian if you would like veterinary assistance for your herd with the Johne’s program.**

