

## Vol. 38 No. 364

## July 2024

Since its summer break, I figured I would give you a short quiz newsletter to quickly skim instead of anything too lengthy since everyone is busy enjoying the sunshine with crops or the kids!

1. When is the best time to first begin giving a calf oral fluids?
  - a. When they don't drink their full feeding
  - b. When they don't touch their bottle/pail
  - c. When they are down and unable to stand
  - d. When they finish their entire feeding
2. What temperature of water is best to first rinse calf feeding utensils?
  - a. Cold water
  - b. Luke warm water
  - c. Hot water
  - d. Don't rinse at all
3. Pregnancy Rate is determined by heat detection rate and conception rate. What factors influence conception rate?
  - a. AI technique
  - b. Semen
  - c. Climate
  - d. Timing of AI
  - e. Nutrition
  - f. All of the above
  - g. B, C, E
4. Which is easier to change?
  - a. Heat detection rate
  - b. Conception rate
5. What is considered the onset of a fever (pyrexia) in a cow?
  - a. 38.5C
  - b. 38.0C
  - c. 39.8C
  - d. 39.5C
  - e. 40C

## Answers:

1. A – the best time to initiate oral fluids is when a calf's drinking speed is slower than normal or the calf does not finish its entire milk feeding. The first sign of a calf getting sick before exhibiting symptoms, will be reduced drinking speed. Robot feeds will have settings to identify calves that have lower than normal drinking speeds. Early identification and treatment can help reduce the severity of the clinical illness.
2. B – Rinse feeding utensils with luke warm water to remove as much milk residue, manure and whatever else might be present. If you use hot water, it will actually “cook” some of the materials to the utensils which may make things worse. Use soap and acid afterwards to complete the cleaning. And dry completely, so allow air flow and drainage.
3. F – all of the above. Plus many more factors such as uterine health, hormone protocols, stress to name a few.
4. A – Heat detection rate. Can be manipulated by timing to first breeding, hormone protocols, pregnancy diagnosis and intervals between subsequent breedings.
5. D – Anything above 39.5C or 103.1F is considered a fever in cattle. This can be caused by many factors but you have to know what it is before you are able to address it. Fevers will commonly put cows off feed and may be the first sign you have that an animal has a fever. At this point anti-inflammatories, cooling techniques and possibly antibiotics may be warranted.

## Upcoming Stat Holidays

The clinic will be closed Civic Day Weekend, Sat Aug 3<sup>rd</sup> to Mon Aug 5<sup>th</sup>, re-opening Tues Aug 6<sup>th</sup>. As always, veterinarians will be available 24-7 for emergency service. The Saturday fee schedule will remain unchanged from non-stat weekends.

## Fly Control

Have you heard the buzz? Large animal technicians are now offering fly prevention in combination with dehorning services. Ask your large animal tech for more information!



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# Karen's Retirement

LOCATION: HEARTLAND ANIMAL HOSPITAL OF LISTOWEL



CLIENT  
COME-AND-GO  
CELEBRATION

FRIDAY JULY 26TH  
2:00PM-4:30PM

