

# AVA Newsletter



June 2015

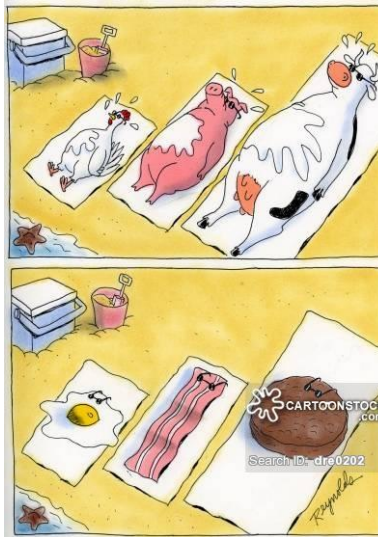
## It's a Boy!

Congratulations to Dr. Becca and her husband on the arrival of a healthy baby boy, Garrett Jesse. Garrett was born on 6/9/15, weighing in at 7 lbs 14 oz and measuring 21.5 inches long. Welcome to the Attica family, Garrett!

## Did you know...

High producing cows become heat stressed at a temperature-humidity index of 68°F!

Cows will stand when their body temp reaches 102 and often won't lay down until their body temp has dropped. Less resting and increased standing can directly affect feed intake and rumination.



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## Fair Days

Fair days are fully booked. Fair papers can still be obtained and will require regular call & time charges. Routine clients may add fair papers on to their herd check. Please be prepared with animal identification and notify us of any additional services required. Thank you!

## For Sale

Hay – big & small bales, silage bales. Call Jason Kehl at (585) 535-7314.

## Bleach Is Not Enough

The temptation to rinse out a nursing bottle rather than clean it thoroughly is high, figuring that all of the germs will be killed later with a good soak in bleach. Unfortunately, bleach cannot kill germs and rarely disinfects milk or colostrum feeding equipment. Why not?

When equipment is completely clean, chlorine bleach has an excellent kill rate for bacteria. However, “completely clean” is the key statement. If a biofilm is present on the interior surface of the equipment, it acts as a barrier between the bleach and the bacteria.

Biofilms develop easily on equipment that is not thoroughly cleaned after every use. For example, washing feeding buckets every morning but merely rinsing them at night will allow a biofilm to accumulate. Biofilms are often thin enough that we can't see or feel them. The best way to prevent a biofilm is a four-step cleaning procedure after every use.

1. Lukewarm prewash rinse
2. Brush equipment using hot water with both soap and bleach
3. Use an acid rinse
4. Allow thorough drying

When we substitute just bleach for this 4 step process, large Staph and Strep sp. biofilms may build up easily. At low levels, these bacteria are not necessarily harmful to younger calves. However, we frequently find high bacterial concentrations in milk, milk replacer, or colostrum as a result of coming into contact with feeding equipment cleaned with only bleach.

Bleach should be a part of your cleaning regimen but there is no substitute for hot water and physical cleaning.

## Dr. Eila on her big day

