

Attica Veterinary Associates, PC

June 2019 Newsletter



Client Appreciation Day

Please join us for Client Appreciation day on Wednesday, June 26 at the clinic from 11-3. We'll provide lunch and vendors will be available with door prizes and a chance to chat and learn about your favorite products.

July 4th :

Our office will be open 7:30am -noon. We will still be available for emergencies however the whole day.

Our bioPRYN schedule will remain the same for the week, please just be aware that the mail schedule will be altered due to the holiday.

For Sale

- John Deere Baler 336, 30 kicker, string \$5800. Call Robert Koithan at 716-807-1965.
- Dry sawdust – 10 wheeler load, trailer load of bedding paper. Call Dan at 716-430-3747

Water for Calves in July

We know that water intake in calves depends on how much milk or milk replacer consumed, amount of starter intake and environmental temperature. Calves need more water to drink as the temperature goes up. Research reported in CalfNote#68 (available at calfnote.com) shows these changes (for calves eating 2.2 lbs of starter and 4 quarts of milk replacer daily). On one hand, the 18-degree change from 32 to 50 degrees only increased water intake by 0.4 quarts daily. On the other hand, a small 9 degree change from 86 to 95 degrees accounted for an increase of 0.5 quarts. Small increases at higher temperatures meant drastically greater increases in water needs.

For calves near weaning or already weaned that still live in individual pens, using a larger water pail may be a practical way to avoid having to provide more water than once a day. Consider fastening a 5-gallon pail to the hutch or pen for the last week or two before the calves leave for the transition housing.

Clean Pails Equal Higher Water Intake

In addition to making sure that the calves have enough water to drink, our special summer challenge is to keep the water pails clean. If you are using a different pail for feeding milk and water, keeping the water pail clean may affect water intake rates.

Research shows this relationship between cleaning water pails and growth. Among preweaned calves these do not seem like big differences. However, consider that 1.6#/day is almost 13 percent greater than 1.4#/day!

Daily Live Weight Gain By Feeding Group By Water Pail Maintenance Protocol

Preweaned	Calves	Weaned	Calves
Cleaned (interval)	Gain (#/day)	Cleaned (interval)	Gain (#/day)
Every day	1.6	Every day	3.1
Once / week	1.5	Once / week	3
Once / 2 weeks	1.4	Once / 2 weeks	2.9

Transition heifers with clean, fresh water in clean tubs continued to gain at a higher rate (0.2#/day higher with daily cleaning compared to every two weeks). We might guess that increased water intake affected rate of gain in 2 ways:

1. First, the calves ate more grain and/or hay.
2. Second, the efficiency of feed conversion was greater in the higher water intake calves than the lower water intake calves.

Therefore, changing water daily and keeping the pail or tub clean is a profitable practice.