
AVA NEWSLETTER

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VACCINATING CALVES IN HOT WEATHER

Heat stressed calves do not respond well to vaccines. But, there is no need to quit vaccinating just because summer is here. Plan to give vaccines during the time of day when the calves have the lowest level of heat stress.

When is the lowest level of heat stress? As early as possible in the morning is the best time to avoid heat stress in bovines of all ages. Remember that the highest core body temperature in a bovine occurs about four to five hours after the peak outside air temperature occurs. That means calves and cows have peak heat stress around 5 to 6 PM. The lowest level of heat stress occurs approximately twelve hours later. Could work routines be changed during the summer to give vaccines very early in the morning? Bovine immune response will be strongest then and money spent on vaccines will result in the highest levels of immunity.



CALF REARING RESOURCES

Have you visited our web site? It is www.atticacows.com. You can find stuff on calves when you click on these headings in the left-hand menu:

- Calf Facts – a collection of over 100 resource sheets on calf rearing topics
- Calving Ease – monthly newsletter on calf rearing including recent issues on Hot Weather and Calves, Putting the Brakes on Bacteria Growth in Colostrum, Planning for Success: We Can Feed More without Scours.
- Calf Care Skills – outlines for teaching skills to new workers.

Also visit Sam Leadley's blog, [Calves with Sam](#). These are short posts dealing with current calf rearing topics that come to him from clients all over the world and from current scientific publications. Just Google "Calves with Sam" for access.

ImmuCell Corporation, manufacturer of the scours preventative **First Defense®**, is currently looking to purchase colostrum from quality farms in Wyoming and Genesee counties. We pay in excess of \$115 per hundred weight (we will share our assumptions underlying this estimated calculation with you). Certain record keeping is required to participate in our vaccination and colostrum collection program.

Here is the summary of our program:

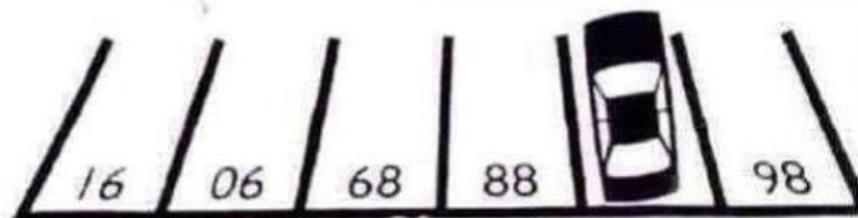
- * Enroll dry cows into the immunization program (1 shot of Scourguard or Guardian around dry-off, then 3 shots of ImmuCell's USDA-approved booster vaccine during the dry period). The Scourguard or Guardian dose is paid for by ImmuCell.
- * Payment is made to the farm for each donor cow's first two days of milk.
- * We provide chest freezers on-site for colostrum storage, plus we pay an electricity allowance per month.
- * We will provide new stainless steel milk collection bucket(s), plus 5 gallon plastic buckets, lids, tags, twist ties and liners for colostrum storage.
- * ImmuCell employee pays regular visits to train employees, re-supply, pick up colostrum, check paperwork and address any of your needs.
- * We provide potassium sorbate to be added to the program colostrum, which can also be used to preserve your own colostrum.
- * In short, the program provides a flexible income stream, while boosting of Dam's immunity to scours agents.

ImmuCell has been working with some happy Wyoming, Livingston, Genesee and Cayuga County farmers for several years. References are available upon request.

If you are interested in this program, please call the clinic or talk to your veterinarian

And now, for some brain-teaser FUN!
(Brought to you by Charles Baker)

Hong Kong Elementary School First Grade Student Admissions Test Question



香港小学入学考试题: 21题 Hong Kong Elementary School Admissions Test Question: #21

What parking spot # is the car parked in?
请问汽车停的是几号车位?

请在20秒内完成回答 Please answer within 20 seconds. @微博搞笑排行榜

Stay tuned next month for the answer!