



**The Enz-A-Bac Newsletter August 2013**  
**“Healthy Inside-Happy Outside”**

In this issue:

- A Word From the President
- The Importance of Nucleotides to the Gut
- What’s in YOUR Receiving Program?

I’m Dwayne Souza, President of Enz-A-Bac Advanced Products and I would like to express our company’s appreciation for your readership and your business. All of us here at Enz-A-Bac work hard to provide you with high return-on-investment, cutting edge products aimed at improving animal health, feed efficiency and increasing your profits. We also provide experienced and available technical reps. to ensure product performance in your particular operation. We hope the information provided through this newsletter, our website ([enzabac.com](http://enzabac.com)), and our technical assistance team will be helpful to you. Let us help you help your animals and business-with **Enz-A-Bac Advanced Products**. -D.S.

**Nucleotides are critical to gut cell turnover in young or stressed animals.** Work done by Judd Heinrichs at Penn. St. Univ. illustrates the importance of nucleotides (ribose sugar substrates required in both DNA and RNA) to gut cell function in rapidly-growing and stress situations (S.I. Kehoe, et. al, J. Dairy Sci., 2007). There is also an interesting article by Verkerk (NHDMag.com, Aug/Sep 2011) regarding nucleotides in human nutrition that echoes many points made by the Heinrichs lab. **Advanta HY** (our hydrolyzed yeast) is a good source of nucleotides and can work additively with **Advanta MOS** (our mannanoligo-

saccharide/betaglucan supplement, a pathogen binder and immune system enhancer) and our **L.A. Bacteria** (lactic acid-producing bacteria) which deny attachment sites and help maintain correct pH.

**What’s important in a receiving program?**

First of all-**STRESS RELIEF!** Weaning incorporates many stressors, among them dam separation, transportation, dehydration, anxiety, disruption of feeding patterns, ration & environmental changes. Also, this time of year daily temperature changes can be large, all of which will challenge a young animal’s disease resistance and can lead to sickness and poor performance. Recently these prices were listed on the Western Video Auction:

<b>15) LOT #9015</b>	<b>Price: \$230.50</b>
230 Steer Calves @ 420#	
BLEDSOE RANCH	
Hugo, CO 09/20/13 - 09/23/13	
<b>16) LOT #9016</b>	<b>Price: \$191.00</b>
85 Steer Calves @ 500#	
GENE & MATT NIELSEN	
Ogallala, NE 11/01/13 - 11/09/13	

Can you afford **NOT** to use a good weaning program? **Contact our technical representative** in your area ([enzabac.com/purchase/sales staff](http://enzabac.com/purchase/sales-staff)). You can always call (877)736-1607, FAX (208) 735-8418 or email us at [enzabac@enzabac.com](mailto:enzabac@enzabac.com). We look forward to helping you and your animals.

-J.H. Killen, Ph.D, P.A.S.



*Science & Nature in Balance*