Two Cattle Trials Run With Oxy Blast

Test #1
Two groups of 400 head of steer calves were put on the test. One group was on rural water with no Oxy Blast while the other group was on well water with 100 PPM of Oxy Blast. The well water was high in iron, TDS & sulfates. The cattle on the well water have never performed as well as the cattle on the rural water – usually .6 of a lb./head/day less on the well water.

Conclusion

The trial ended up dead even as far as daily gain was concerned proving that the Oxy Blast in that well water made up the .6 of a lb. of gain/head/day difference. After you subtract the cost of Oxy Blast there was a $54.77/head advantage using Oxy Blast.

Test #2
A farm where Oxy Blast was tested on some feedlot cattle had two new hoop barns, one year old. This was only the second group of cattle that went through them. They were very similar cattle, from same source, same feeding program, same bedding material, same management, and the same water source from the well. The water was high in TDS, iron and sulfates. They had excellent management and equipment use. The only difference was the addition of 100 PPM of Oxy Blast injected in the water line on the test barn. There were 360 head of cattle on feed for 140 days on both the test and control groups.

Conclusion

The test group with Oxy Blast in their water gained an additional 100 lbs over the control barn. This is a 0.71 lb./head/day additional daily gain for the test barn cattle. With cattle worth $1.05/lb. that makes the extra weight worth $105. Subtract the cost of the Oxy Blast at $11.20 ($0.08/hd/day x 140 days) will leave you an extra $93.80/head profit!

This sheet was prepared by Peter Franzky, nutritionist for Essential Water Solutions Inc. If you have questions about it, Peter can be reached in his office at 605-785-3553.
Benefits of Oxy Blast for Beef Cattle

The use of Oxy Blast for beef cattle production is a very important “tool” to improve the quality of the most important nutrient - water. **Water is the most quantitative nutrient** of the body in any species. Water consumption always determines dry matter feed intake. Water plays many major roles in all of the body’s normal functions.

The amount of Oxy Blast to be used in the drinking water for growing and finishing beef cattle ranges from 50 to 100 ppm. The best and most consistent results are achieved at 75 to 100 ppm. For new incoming cattle to the feedlot with challenges from stress, a higher pulse rate of two times normal rate is very helpful for the first week to 10 days. The same amounts apply to beef cows in the dry lot.

For back-grounding cattle which are usually on pasture, we usually cannot add Oxy Blast economical and effectively to the dug-out or pond water source. The best water source would be treated water with Oxy Blast pumped to the pasture location whenever possible.

**Always get the water analyzed to determine the correct amount of Oxy Blast to be used most effectively and economically.**

For calves on milk replacer use, Oxy Blast 34% at the rate of 2 cc/gal. of milk replacer to achieve 100 PPM, or use ½ ounce / 7-10 gal. of milk replacer. Use the same amounts in the calves’ drinking water.

The benefits from the proper use of Oxy Blast are the same for any age or stage of production in beef cattle. Here are a few of those benefits:

- **Cattle drink more water when treated with Oxy Blast, to help them meet their daily requirement.**
- **Growing and finishing cattle show consistently higher and more even feed intake with less ups and downs.** The use of Oxy Blast resulted in improved average daily gains (ADG) ranging from 0.25 to 0.71 lb./day increase. The resulting return on investment (ROI) speaks for itself. These results are based on field trials and real feedlot facilities with the same type of cattle, housing, management and feeding program. Better ADG and improved feed utilization result in a more profitable bottom line.
- **Typically there are less sick cattle to be treated, less labor for sick pen treatment, less and often no medication needed besides less death loss.** The immune function of the cattle is also greatly improved.
- **We always observe less or no internal parasite issues at all.** This not only results in cost savings for treatment but also keeps cattle healthier.
- **The digestive system function is improved, working more efficiently and consistently, observed in the “manure language” of the cattle, the “proof being in the pudding”.**
- **The water system stays clean, fresh, free from toxins/poison producing algae and bacteria in the water tanks and drinking fountains.**
- **Normally nasal discharge from animals containing bacteria and viruses end up in the water tanks, passing it on to each other. Oxy Blast will prevent this from happening.**