

PREGNANCY-CHECK TIME IS CRITICAL FOR MAINTAINING A *Profitable* RANCH OPERATION!

Is your cow/heifer pregnant? Then it is time for **MULTIMIN® 90**

Just like human babies, calves thrive better when their moms are in a positive nutritional state during pregnancy. Pregnant cows and heifers also need prenatal supplements such as trace minerals:

- ✓ to keep the cow/heifer at the right body condition score
- ✓ to stack the fetus with trace minerals to ensure that the calf is healthy after birth
- ✓ to sustain pregnancy
- ✓ for proper fetal development

INJECT MULTIMIN® 90 BECAUSE:

Pregnancy is a period of high demand for both the cow/heifer and her fetus and studies showed that cattle have improved trace mineral status within 8-10 hours after treatment.



Oral trace minerals do no good if cattle do not eat them.



Availability and quality of forage nutrients vary seasonally, so trace mineral intake varies.



Being an injectable, antagonists such as sulfur, molybdenum and iron which tie up trace minerals are bypassed.



Every animal injected is supplemented.



By injecting **MULTIMIN® 90** any time from preg-check to 30 days before calving, you ensure that every pregnant dam is properly supplemented with *copper*, *selenium*, *zinc* and *manganese*.



ADD VALUE TO YOUR PREG-CHECKING!

At the label dose of 1ml/200lbs body weight for a 1,200lb cow over 2 years of age, the dose for **MULTIMIN® 90** is 6ml. This 2-in-1 treatment for the cow and her fetus is less than \$3



SURE TRACE MINERAL SUPPLY BY TIMED INJECTION™



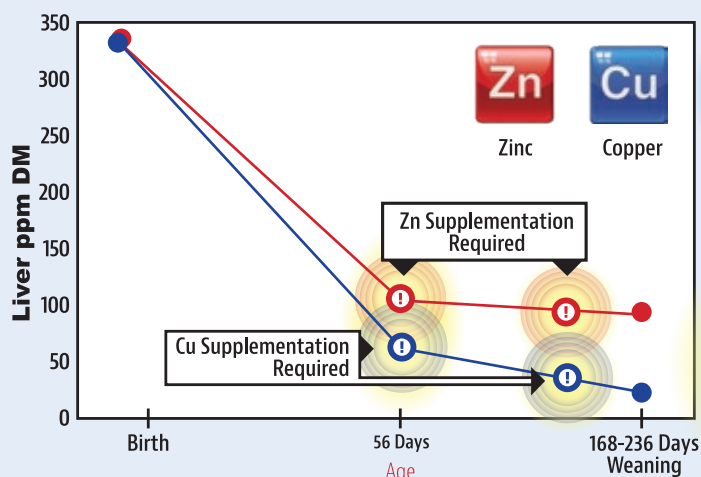
RX REQUIRED

PREVENTING PNEUMONIA OUTBREAKS SHORTLY AFTER WEANING PAYS!

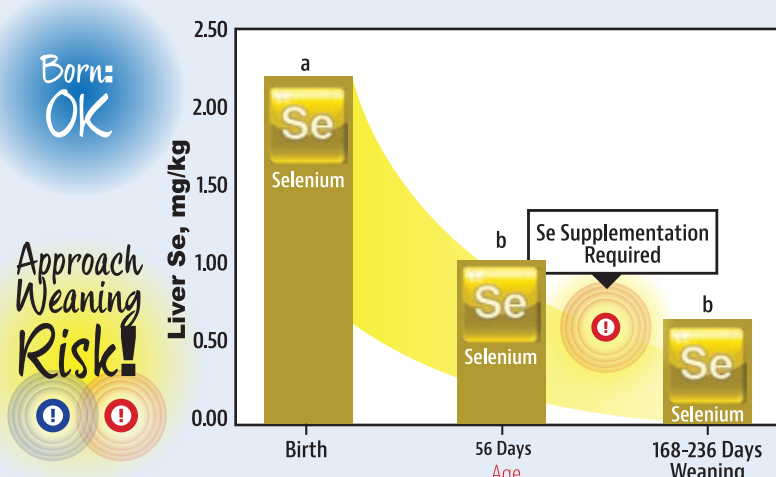
At weaning, calves need more trace minerals. They are stressed, often not eating enough, and they need to respond properly to vaccines, which also drain trace minerals. **However, the calves are growing rapidly, and they may already be trace mineral deficient.**



R_x REQUIRED



Branum, Jay Christopher, "Impact of Prenatal Dietary Copper Level on Copper Status and Immunity of Newborn and Growing Calves." *Texas A & M University*, 1999.



Arthington, J. D., et al, "Effects of Trace Mineral Injections on Measures of Performance and Trace Mineral Status of Pre- and Postweaned Beef Calves." *Journal of Animal Science*, vol. 92, no. 6, 2014, pp. 2630-2640, doi:10.2527/jas.2013-7164.

^{ab} Means with unlike superscripts differ ($P < 0.05$)

Several independent university studies showed calves treated with MULTIMIN® 90 at the same time as vaccines had:

- ✓ Earlier and stronger vaccine responses
- ✓ More calves respond to vaccine which results in better herd immunity
- ✓ Fewer signs of disease after a disease challenge
- ✓ Dairy calves had improved ADG following disease challenge.

MAKE MULTIMIN® 90 A CORE PRODUCT IN YOUR WEANED CALF HEALTH PROGRAM!

Studies Available Upon Request

CONTACT YOUR MULTIMIN® USA REPRESENTATIVE TO LEARN MORE | WWW.MULTIMINUSA.COM