HOW A FULLY ACIDOGENIC NEGATIVE DCAD DIET CAN HELP KEEP YOU PROFITABLE

A PREPARTUM NEGATIVE DCAD DIET IMPROVES THE CALCIUM STATUS OF TRANSITION COWS AND HELPS REDUCE NEGATIVE HEALTH EVENTS AND IMPROVE MILK PRODUCTION.

Increasing dietary levels of chloride and sulfur in relation to potassium and sodium leads to a lowering of the ration DCAD value.

THE BENEFITS ARE REAL
Reduced negative health events and increased milk in the tank put more money in your pocket.

INCREASED URINARY CALCIUM EXCRETION THROUGH THE KIDNEYS
Reduction in urine pH leads to increased calcium excretion through kidneys (hypercalciuria). Urinary calcium excretion contributes to calcium flux by removing calcium from the available calcium pool.

PTH TARGET TISSUES BECOME MORE RESPONSIVE
Bone and kidneys are more responsive to the actions of PTH.

INCREASED CALCIUM FLUX
Calcium released from bones & absorbed by gut tissues contributes to calcium flux by supplying calcium to the available calcium pool.

COW CONSUMES NEGATIVE DCAD RATION
Creating a compensated metabolic acidosis and aciduria.

IT ALL STARTS HERE

Calling All Calcium
Increased amounts of calcium are directed to the mammary gland.

SMART NUTRITION FOR A HEALTHY TRANSITION™