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.

Urine bi

Slight Reduction in Blood pH

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.

KIDNEY

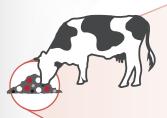
PTH TARGET TISSUES BECOME MORE RESPONSIVE

Bone and kidneys are more responsive to the actions of PTH.

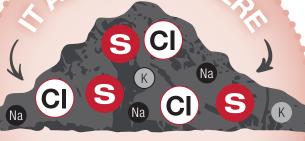


COW CONSUMES NEGATIVE DCAD RATION

Creating a compensated metabolic acidosis and aciduria

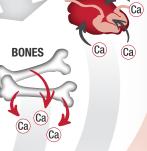


STARTS



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

GUT UPTAKE



BONE CALCIUM RESORPTION AND GUT UPTAKE

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

INCREASED CALCIUM FLUX



Increased amounts of calcium are directed to the mammary gland

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

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HEALTHY WORLD.*

SMART NUTRITION FOR A HEALTHY TRANSITION™.

Animate