



# Availa<sup>®</sup>4



## For Healthy Cows

Proper trace mineral supplementation helps cows prepare for and recover from pregnancy, calving and lactation. Research shows that many cow herds are marginally to severely deficient in essential trace minerals. Most forages do not meet the basic cattle requirements.

## For Healthy Calves

Zinc, copper and manganese play critical roles in helping a calf's immune system function properly. A deficiency in these trace minerals results in greater susceptibility to scours and BRD, and it limits the calf's ability to respond to vaccinations.

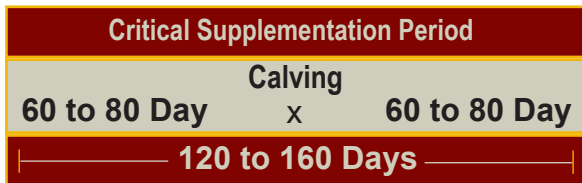
## Proven Reproductive Performance

One of the biggest challenges cow-calf producers face is managing cows to deliver live, healthy calves, and then return to proper body condition for rebreeding within 60 to 75 days.

The most critical time in a cow's production cycle occurs approximately 60 to 80 days before calving and lasts until 60 to 80 days after calving. This period encompasses the final trimester of gestation, calving, the onset of peak lactation, and breeding.

## Conception Rates

The trace minerals found in Availa-4 from Zinpro Corporation provide the greatest impact early in the breeding season, as shown by the percentage increase of females bred AI. In three trials, both first-calf heifers and mature cows fed Availa-4 had higher AI conception rates than those fed equal levels of sulfate minerals.

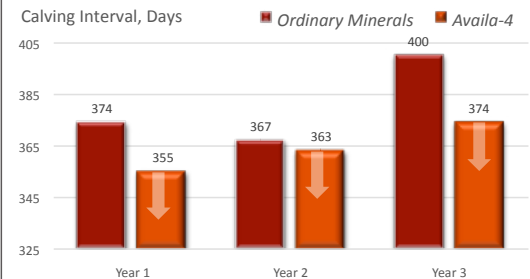


## Ignite Block Products Containing Availa<sup>®</sup>4:

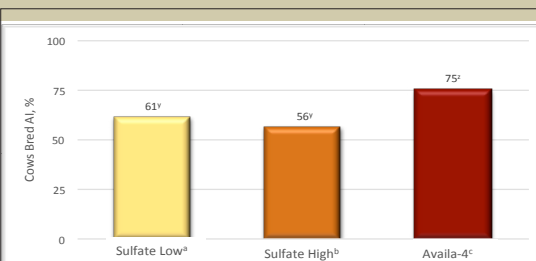
- Ignite Mineral
- Ignite Stress

Availa<sup>®</sup>4 is a registered trademark of Zinpro Corporation (used with permission).

**Calving Interval Response of Young Cows (3 or 4 years of age) Fed Availa-4**



Research shows that young cows (3 and 4 years old) fed trace minerals from Availa-4 had shorter calving intervals (16-day average over 3 years) than cows fed ordinary trace minerals.  
Source: Zinpro Corporation



<sup>a</sup> Sulfate Low: Low level inorganic contained 2160 ppm Zn, 1225 ppm Mn, 501 ppm Cu and 11 ppm Co  
<sup>b</sup> Sulfate High: High level inorganic contained 3113 ppm Zn, 1764 ppm Mn, 1086 ppm Cu and 11 ppm Co  
<sup>c</sup> Availa-4: Availa-Zn, Availa-Mn, Availa-Cu and COPRO<sup>®</sup> cobalt glucoheptonate contained same levels as INH  
<sup>†‡</sup> Bars lacking a common superscript letter differ, P < 0.05 Stanton et al  
 Source: Zinpro Corporation