

Availa[®] Dairy

Superior Minerals, Superior Results.

Zinpro Corporation is committed to developing superior complexed trace mineral products for the dairy industry. Availa[®] Dairy is a nutritional feed ingredient for herds seeking additional performance, that contains a specific combination of complexed zinc, manganese, copper and cobalt. When fed as part of a well-balanced diet, these trace minerals can help improve skin and hoof integrity, feed efficiency, fertility and reduce somatic cell count. The Availa Dairy product formulation features increased levels of zinc, manganese and cobalt, and a lower level of copper.

AVAILA DAIRY FEEDING RECOMMENDATIONS

Feeding Rate: 0.06% of Diet Dry Matter

When fed as directed, Availa Dairy supplies:

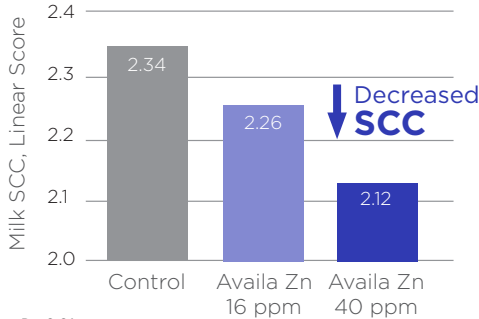
40 ppm Zinc **20** ppm Manganese
3.5 ppm Copper **1** ppm Cobalt

Dry Matter Intake		Availa Dairy g/hd/day
lb	kg	
25	11.3	6.8
30	13.6	8.2
35	15.9	9.5
40	18.1	10.9
45	20.4	12.2
50	22.7	13.6
55	24.9	15.0
60	27.2	16.3
65	29.5	17.7

Increased Levels of Zinc

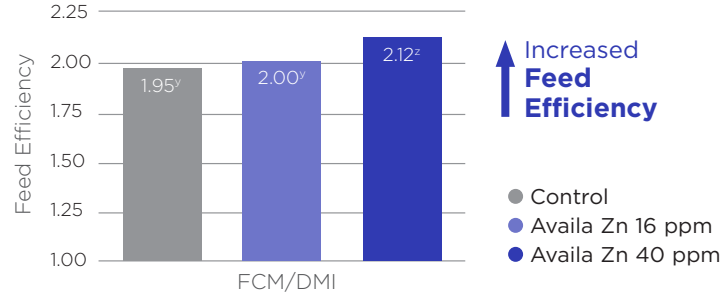
Zinc is a critical trace mineral that plays essential roles in optimizing health and performance of dairy cattle. University research has shown that replacing zinc sulfate with 40 ppm Zn from Availa® Zn decreased SCC and improved feed efficiency.

Effect of Supplemental Availa Zn on Milk Somatic Cell Count



^{yz} P < 0.01
J. Dairy Sci. 97:4392

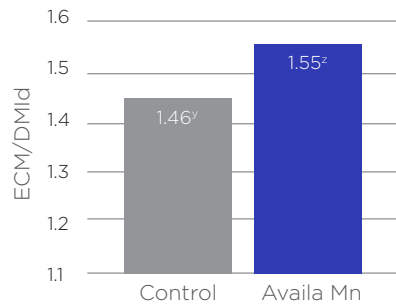
Effect of Supplemental Availa Zn on Feed Efficiency



Increased Levels of Manganese

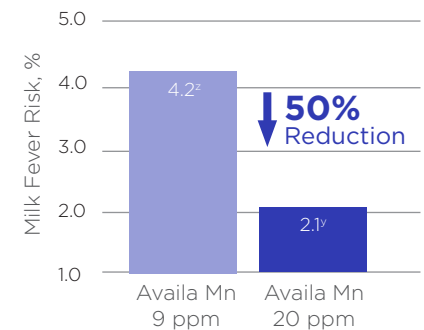
Manganese improves reproduction, feed efficiency and transition cow health in dairy cattle, which lowers herd replacement costs. Research demonstrates that feeding 20 ppm Mn from Availa Mn improves dairy cow feed efficiency (less dry matter intake and more milk). Furthermore, feeding 20 ppm vs 9 ppm Mn from Availa Mn improves transition cow health via reducing milk fever risk and death loss.

Added Mn From Availa® Mn Improved Feed Efficiency In Lactating Dairy Cows



^{yz} P = 0.01

Increasing Added Mn From Availa® Mn Decreased Milk Fever Risk

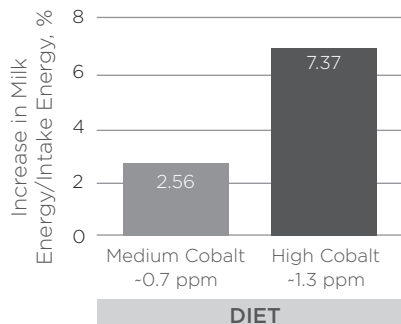


^{yz} Treatment effect for milk fever risk, P = 0.09

Increased Levels of Cobalt

Cobalt is an essential trace element that is required for vitamin B₁₂ synthesis and fiber digestion in ruminants. Through research, it has been found that feeding dairy cattle higher levels of supplemental cobalt can improve feed efficiency and increase overall milk production.

Effect of Cobalt on Feed Efficiency: 2 Studies

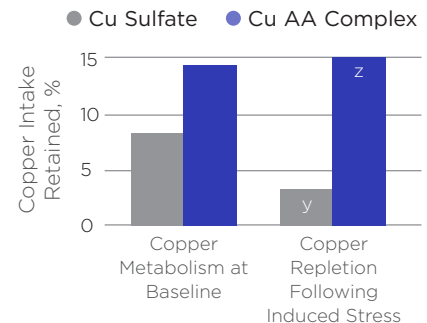


↑ Higher Milk Yield

Optimum Levels of Copper

Availa Dairy has been formulated to provide optimal copper levels, especially during periods of high stress.

Effect on Copper Metabolism in Calves



^{yz} P < 0.05



For more information:
contact your Zinpro sales
representative or visit
zinpro.com/dairy