



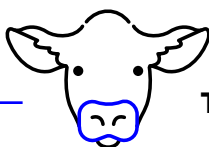
Zinpro® Availa® Cr

For a Strong and Healthy Start

Cattle arriving at the feedlot face health and performance stressors such as weaning, transportation, co-mingling, handling and changing environmental conditions. Including Zinpro Availa Cr in receiving diets improves health, performance and profitability by providing essential nutrients that your cattle need to quickly recover from any challenge.

Research shows that adding Zinpro Availa Cr to receiving diets results in a strong and healthy start through:

- ↑ **Enhanced immune function¹**
- ↓ **Reduced negative effects of stress^{1,2}**
- ↑ **Improved performance after arrival³**



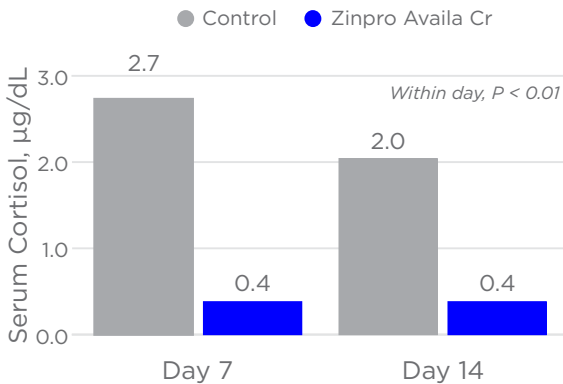
The Role of Stress in Chromium Depletion



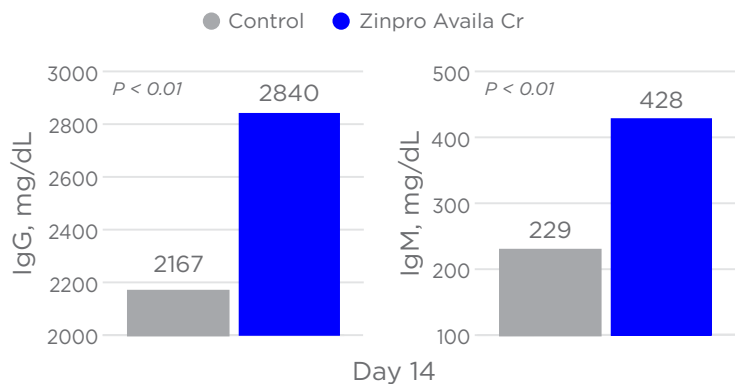
Optimize Performance with Zinpro Availa Cr

Zinpro Availa Cr uses a unique patented process to uniquely bond chromium to an amino acid, enabling superior performance. Published research shows Zinpro Availa Cr lowers cortisol and enhances immune responses. Elevated cortisol levels create metabolic imbalance, suppress immunity, reduce protein synthesis and reduce overall performance.

Zinpro Availa Cr Reduces Serum Cortisol Concentration¹



Zinpro Availa Cr Increases Immune Response²



Adding Zinpro Availa Cr to the Receiving Ration:

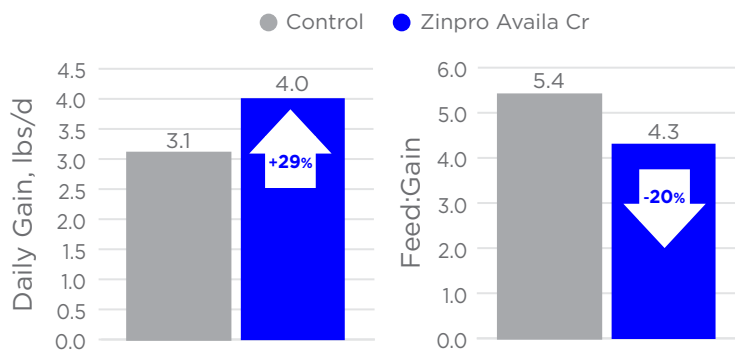
Reduces Negative Effects of Stress and Improves Immune Function

- ↓ Serum cortisol by 85%¹
- ↑ Immune response²
- ↑ Serum IgG by 31% and IgM by 87%²

Improves Animal Performance

- ↑ Dry matter intake
- ↑ Daily gain by 29%³
- ↑ Insulin sensitivity⁴
- ↓ Feed conversion by 20%³

Zinpro Availa Cr Increases Daily Gain and Improves Feed Conversion During the Receiving Period³



¹ Almeida and Barajas, 2002. J. Anim. Sci. 80 (Suppl. 1):364 (Abstr.)

² Almeida and Barajas, 2002. J. Anim. Sci. 80 (Suppl. 1):363 (Abstr.)

³ Barajas et al, 1999. J. Anim. Sci. 77 (Suppl. 1):270 (Abstr.)

⁴ 971510, Kegley et al., 2000. J. Anim. Sci. 78:3177



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