



# Maximize Feedlot Performance

with Zinpro<sup>®</sup> Availa<sup>®</sup> Zn

As a part of the continued commitment from Zinpro to provide the best trace mineral product, backed by science, a study was done to evaluate performance and health outcomes of beef-dairy cross calves supplemented with Zinpro<sup>®</sup> Availa<sup>®</sup> Zn versus zinc sulfate in a large-scale commercial study.

- A total of 5,249 cattle were represented in the study and were enrolled at approximately 160 days of age (BW = 359 lbs.).
- Animals were randomly assigned to treatment based on chute order
- Control: 90 ppm supplemental Zn from zinc sulfate  
Treatment: 60 ppm Zn from Zinpro Availa Zn on top of Control
- Animals were on-feed for 384 days

Feed 5 grams of Zinpro Availa Zn throughout the finishing period

**+12lbs**  
Hot Carcass Weight

**\$35↑**  
Net Return

## Results

	Control	Treatment	P-value
Head, n	2633	2616	-
Initial Weight, lb	359	359	0.75
DMI, lb	19.73	19.58	0.27
Carcass-Adjusted Performance			
Final BW, lb	1546	1565	0.01
Daily Gain	3.02	3.07	0.02
<b>Feed:Gain</b>	<b>6.54</b>	<b>6.39</b>	<b>&lt;0.01</b>
<b>Hot Carcass Weight, lb</b>	<b>987</b>	<b>999</b>	<b>0.01</b>
Dressing Percent, %	63.77	63.87	0.26
USDA Prime + Choice, %	60.96	63.13	0.16
Severe Liver Abscesses, %	15.95	14.54	0.24
Mortality, %	3.71	3.38	0.58

### Summary

- Incorporating 5 grams of Zinpro Availa Zn increased hot carcass weight by 12 lbs ( $P \leq 0.01$ )
- Zinpro Availa Zn improved ADG, feed:gain and final BW on a carcass adjusted basis ( $P < 0.02$ )
- Supplementing with 5 grams of Zinpro Availa Zn is a proven method to enhance feedlot cattle performance

### Economics<sup>a</sup>

A net return of more than **\$35.00 per head** with an **ROI of up to 4:1** based on the results of this study.

<sup>a</sup> Economics based on 5 grams Availa Zn fed for 350 days and HCW value of \$3.60/lb



For more information:  
contact your Zinpro  
representative or visit  
[zinpro.com/beef](https://zinpro.com/beef)