Receiving Cattle Program Success

Young cattle arriving at the backgrounding yard, stocker operation or feedyard often experience health challenges due to stress factors such as weaning, transportation and co-mingling. Including trace minerals from Availa®4 in receiving cattle diets helps improve calf performance by delivering the essential nutrients receiving cattle need to quickly recover from stress and health challenges.

Research shows that receiving cattle benefit from being fed a well-balanced diet with trace minerals by showing:

- Decreased effects of stress
- Strengthened immune system
- Increased average daily gain

Feed Availa 4 at the rate of 7 grams/head/day

Effect of Stress on Trace Mineral Retention

- Copper Sulfate
- Complexed Copper

Cu Retention, mg/d

Baseline

STRESS PERIOD

Repletion

* Copper sulfate and complexed copper (CuPlex® copper lysine) treatments provided 8 ppm Cu to total diet

** Means lacking a common superscript letter differ (P < 0.05)

Feeding Availa®4 in Feedlot Starter Rations:

Zinpro research demonstrates superior feedlot performance for calves fed Availa®4. Based on multiple studies, feeding Availa 4:

- Increased average daily gain
- Improved immune function
- Increased dry matter intake
- Reduced morbidity by 20.8% vs. inorganic controls
- Improved feed efficiency
- Improved vaccine response
- Improved immune function

Based on multiple studies, feeding Availa 4:

- Increased average daily gain
- Increased dry matter intake
- Improved feed efficiency
- Improved vaccine response
- Improved immune function
- Reduced morbidity by 20.8% vs. inorganic controls

20.8%

Reduced Morbidity

with Availa 4

Improve Growth, Reduce Morbidity
 Enhance Feedlot Performance

Economics of Feeding Availa 4

0.09 lb ADG × 45 days receiving/backgrounding = 4.05 lbs live weight

<table>
<thead>
<tr>
<th>Growth</th>
<th>1. 4 lb live weight x sale price $______________ / lb x 100 head pen = value gain $______________ / pen.</th>
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<td>2. __________ head sick per 100 head pen x 20.8% = __________ fewer sick cattle per pen.</td>
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<tr>
<th>Morbidity</th>
<th>3. __________ fewer sick head per 100 head pen x treatment cost $______________ / head = reduced treatment cost $______________ / pen.</th>
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<td>4. Purchase price $______________ / lb x purchase weight __________ lbs per head = purchase cost $______________ / head.</td>
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<tr>
<th>Mortality</th>
<th>5. __________ fewer sick animals per 100 head pen x purchase cost $______________ / head x 5% case fatality rate = reduction in death loss cost $______________ / pen.</th>
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<td>6. 45 days Availa 4 x __________ cents / head per day x 100 head = Availa 4 cost $______________ / pen.</td>
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</table>

Overall Feedlot Performance

Results of 1+3+5 minus 6 = total return from feeding Availa 4