

Feeding Availa®4 During Late-Gestation Optimizes Beef Calf Productivity



Study Objective

Evaluate effects of supplementing Availa®4 to beef cows during late gestation on offspring performance and health from birth to harvest.



Animals

84 multiparous, nonlactating, pregnant Angus × Hereford cows

Treatments

Control: No supplemental Zn, Mn, Cu, and Co

Sulfates: 360 mg Zn, 200 mg Mn, 125 mg Cu, and 12.5 mg Co

Availa-4: 360 mg Zn, 200 mg Mn, and 125 mg Cu from amino acid complexes, and 12.5 mg Co from cobalt glucoheptonate



Study Duration

Third trimester through calving (~94 d)



Location

Oregon State University, Burns, OR, USA

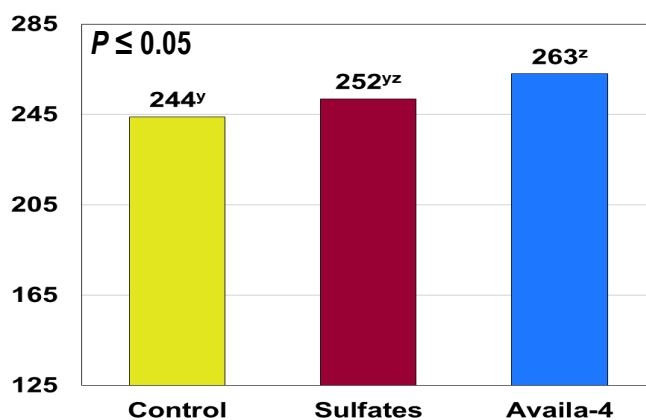


Results Summary

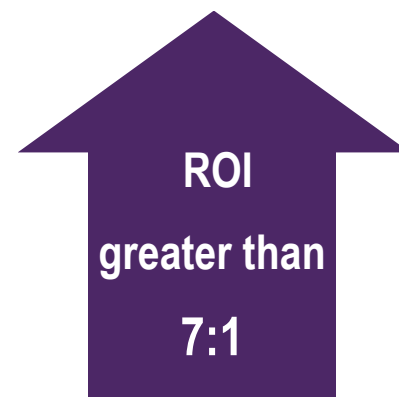
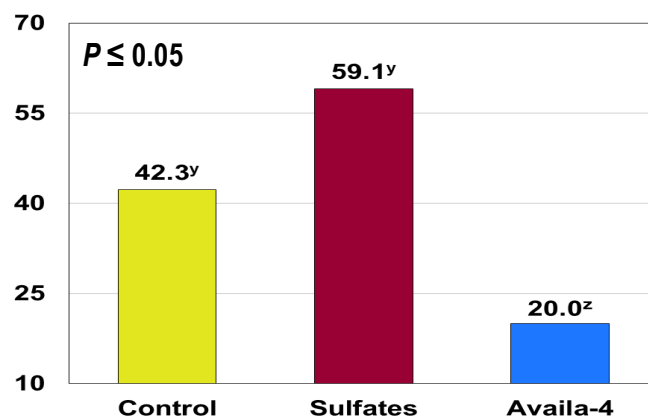
Availa-4 supplemented to beef cows during the last trimester of pregnancy improved offspring performance:

- Heavier weaning weights
- Healthier during transition in growing period
- Heavier carcass weights

Availa-4 Improved Calf 205 d Adjusted Wean Weight, kg



Availa-4 Decreased Calf BRD Treatment Rates, %



Supplementing Beef Cows with Availa-4 Returns a Positive ROI

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