Impact of a Leptin SNP and Zilpaterol Hydrochloride on Growth and Carcass Characteristics of Finishing Steers

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Trial Objectives

- Determine whether different leptin genotypes (3) exhibit the same carcass characteristics when killed on the same day
- Determine whether genotype interacts with zilpaterol response in terms of growth and carcass characteristics
- 2 x 3 Factorial Randomized Block Design

































Conclusions

These data indicate that leptin genotype, zilpaterol, and in some cases their interactions are all significant factors affecting carcass outcomes...

Management Is As Management Does...

Management

- Two Main Carcass Characteristics to Manage: – Weight
 - Fat
- Two Manageable Drivers of Those Characteristics: – Time (DOF)
 - Technology (Beta Agonists etc.)
- · There is financial opportunity in the precise application of these drivers: - genotyping can facilitate this precision

21

19

Acknowledgements

- Cactus Research, Amarillo Texas
 - Dr. Spencer Swingle
 - Dr. Sam Ives - Dr. Paul Defoor
- Quantum Genetics, Saskatoon SK
 - Heather DeobaldSteven James

 - Ben Fox
 - Leigh Marquess
- West Texas A&M University Carcass Research Center Dr. Ty Lawrence

20