

Problem:
Beef Supply Chain—Spot markets

• Transaction Costs/Market Failures

- Opportunism (asset specific investment)

• Specialized human capital

- Inadequate risk-sharing

- Horizon investment problems

- Uncertain product differentiation signals

• Buyers

• Consumers

Alternative to Market Mechanisms:
Vertical Integration Organizational Types

• Reduce Transaction costs
• Potential Bureaucratic costs

- Difference in beef production

• Scale

• Geography

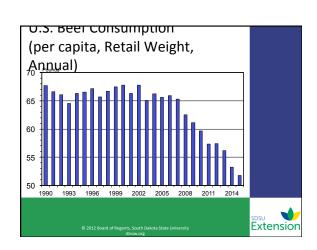
• Producer objectives

• Operation types

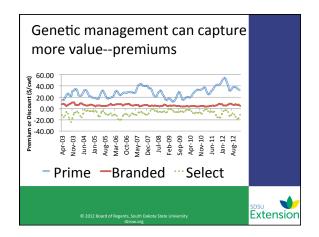
The Challenge

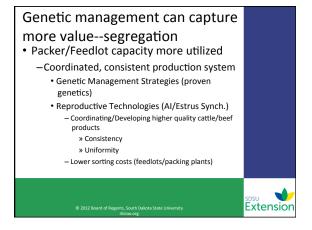
Reduce sub-optimal investment in genetic management

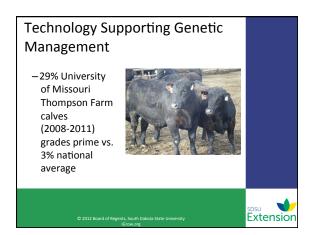
In order to meet challenge---
-Identify complimentary organization and market differentiation mechanisms (James, Klein, Sykuta, 2007)

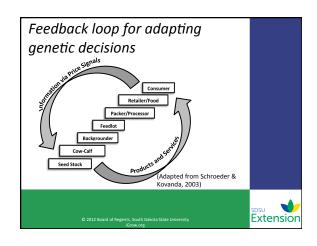


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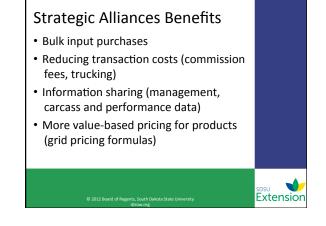








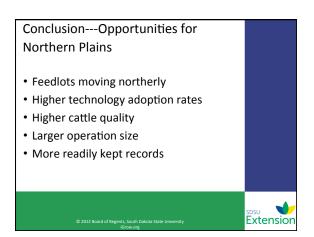




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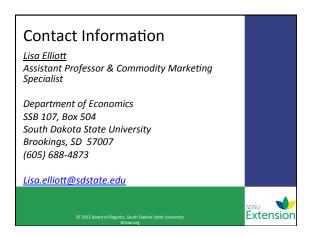
Market Differentiation Mechanisms Brand awareness strategies Signaling quality and consistency Show-Me-Select Heifer Replacement Program Genetic, Management, and Production Tier II—2008- Minimum EPD accuracies for Heifer's sire must be met Verified Beef's Reputation Feeder Cattle Program Genetic merit to estimate average daily gain, carcass weight, feed per grain, ribeye area Third party verification of genetics and valuation of genetics

Buyer Assurances • Clearly communicating market differentiation mechanisms - Third party verification - Internal monitoring - Avoid poor marketing terms - New genetic protocols/management techniques (market differentiation mechanisms) • Advertising • Educating buyers on potential benefits of a new value-added product



Recommendations for capturing added-value through genetic management

• Improve genetic protocols
— Transparency
• Be creative—new strategic alliances
— Proper feedback mechanisms
• Partner with producers that have similar operation and genetic management characteristics
• Market differentiation
— Clear and transparent



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