10th Mid-Atlantic Dairy Grazing Conference

Economics of Pasture-Based Dairying in the Southeast

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Dr. Curt Lacy
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Let's talk about economics

- Classical economic theory states that producers allocate scare <u>resources</u> among competing alternatives to maximize their <u>utility</u>.
- In English People use what they have to try to get what they want.



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Resources and Goals

Resources

- Land
- Labor
- Capital
- Management

Utility/wants

- Profits (more money)
- More time
- Satisfaction
- Things that are important to you/make you happy

Economics is not all about making the most money



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ECONOMIC COMPARISON OF ALTERNATIVE PRODUCTION SYSTEMS



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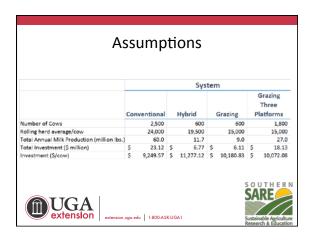
Comparison of Three Systems

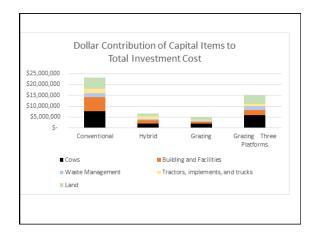
- Three systems
 - Conventional
 - Grazing (NZ System)
 - Hybrid
- Based on past and working dairy budgets.
- Feeding regimens and management practices provided by Dr. John Bernard, UGA.
- Interviews with dairy producers regarding production, facilities, equipment, etc.
- Dairy and feed prices from 2008-2012.

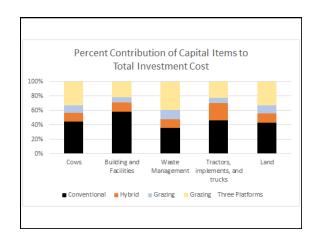
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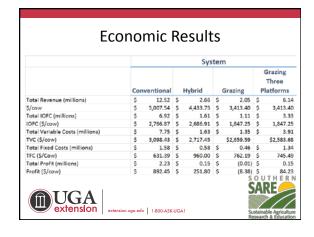
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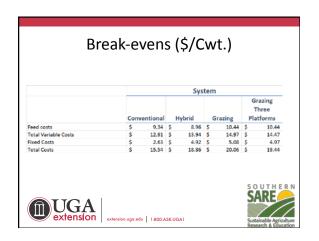








	System							
	Con	ventional		Hybrid		Grazing		Grazing Three atforms
Maximum Profit (millions)	\$	9.12	\$	1.49	\$	0.85	\$	2.66
Minimum Profit (millions)	\$	(5.11)	\$	(0.82)	\$	(0.90)	\$	(2.22)
Percent chance of covering VC		97.10%		99.00%		93.00%		95.00%
Percent chance of covering TC		85.60%		64.20%		51.00%		56.60%



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Major Profit Factors

- · Milk-feed margin
- Milk production
- · Cow cost
- · Land cost



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So which system is "best"

- What is important to you?
- What are your resources?
- How much can/are you willing to borrow?
- How much does it cost you to live?
- Where can you find land and how much is it?

It Depends on You!



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