Economics for the Options for Extending the Grazing Season

Economics of Extended Grazing Season Options

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Outline

- What are the options?
- How do you make the decision?
- Economic Comparisons and Considerations.



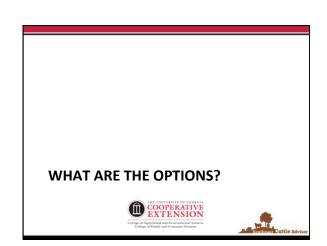


Decision-Making

- 1. What is your limiting nutrient?
- 2. When is it limited?
- 3. What are the possibilities?
- 4. What does it cost?
- 5. What are the risks?







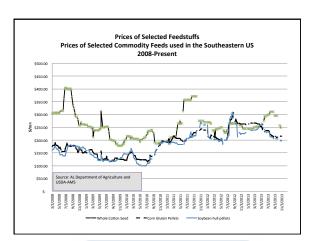
Feeding Hay and Supplemental **Feeds** Advantages Disadvantages

- Dependable
- Convenient
- · Requires less land
- · Can get very costly
- Importing nutrients





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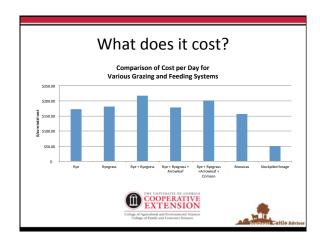
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Stockpiling Permanent Pastures Disadvantages **Advantages** · Relatively inexpensive · Very dependent on the Makes use of existing weather · Even in the best years will only produce a modest amount of · Can usually meet nutritional need of dry cows · Requires above average management to do correctly · Cannot sustain a lactating cow or growing animals COOPERATIVE EXTENSION

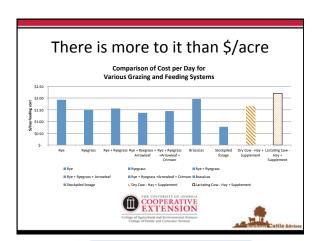
Cool Season Annuals Disadvantages **Advantages** Can produce a tremendous More expensive than amount of forage compared utilizing permanent pasture. to other systems. · Very dependent on the Quality is usually high weather. enough to sustain most any Requires above average class of livestock. management to do correctly. COOPERATIVE EXTENSION

Brassicas Advantages Disadvantages • Can produce a tremendous · Cost is similar to coolamount of forage compared season annuals. to other systems. · Very dependent on the • Quality is higher than weather stockpiled forages. · Requires above average Provide nutrition earlier management to do than annuals and later than correctly. perennials. · Limited seed availability?





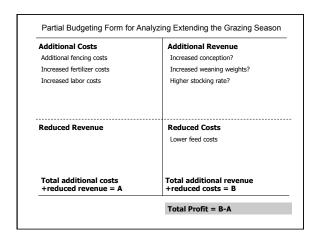
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Demonstration data from Americus and Plains

Americus - 2009/2010

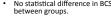
- 8 acres (4.5 bermuda +3.5 mixed) clipped late Aug
- 60 units N applied.
- 22 dry beef cows grazed on stockpiled pastures for 55 days beginning early Nov.
- Hay fed for 74 d in 2009-2010
- 2008-2009, no stockpiling,



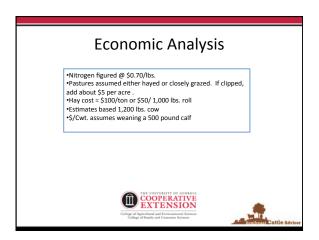
Plains - UGA SWGA REC - 2004

- Compared stockpiling to feeding
- 13 acre hay field mowed late Aug.
- 80 units N Applied
- 20 dry beef cows grazed for 70 days on 13 acres beginning early Nov .
- Cows without stockpiling hay fed
- 1,786 lbs. per cow.

 No statistical difference in BCS

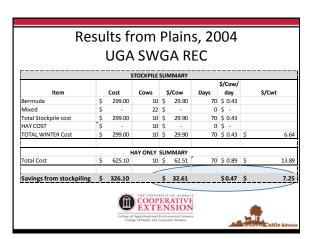






		STOCKE	PILE	SUMM	ARY				
Item	Cost	Cows	\$,	/Cow	Days	\$/C	ow/day	\$/Cwt	
Bermuda	\$ 162.00	22	\$	7.36	30	\$	0.25		
Mixed	\$ 126.00	22	\$	5.73	25	\$	0.23		
Total Stockpile cost	\$ 288.00	22	\$	13.09	55	\$	0.24		
HAY COST	\$1,367.52	22	\$	62.16	74	\$	0.84		
TOTAL WINTER Cost	\$1,655.52	22	\$	75.25	129	\$	0.58	\$	16.72
		HAY ON	ILY	SUMM	ARY				
Total Cost	\$2,125.20	22	\$	96.60	115	\$	0.84	\$	21.47
Savings from stockpiling	\$ 469.68		\$	21.35		\$	0.26	\$	4.74

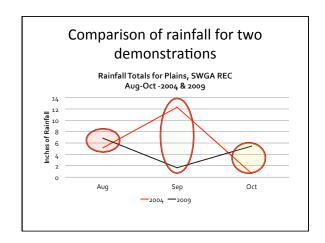
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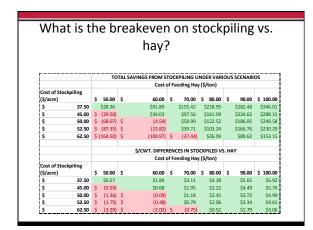


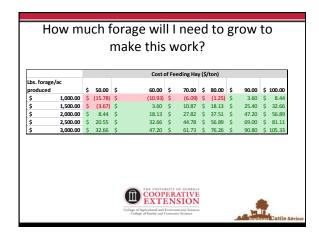


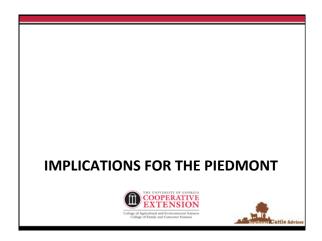
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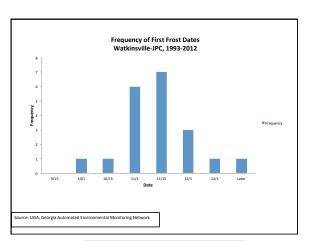






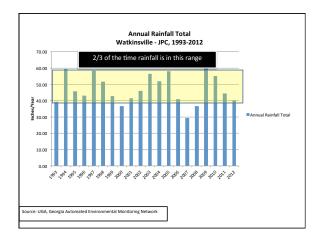


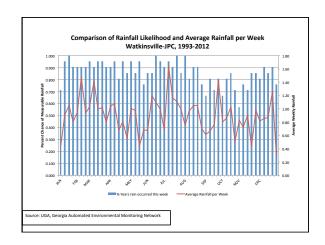






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Summary

- There are several options for extending the grazing season.
- The most economical one depends on many factors.
- Partial budgeting can be a useful tool in determining the best alternative.





