

Range Cattle Research and Education Center - Ona FL

Grazing management

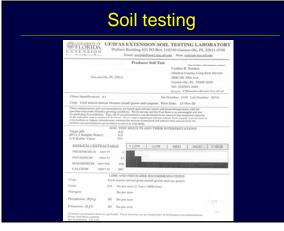
Joe Vendramini Forage Specialist

Warm-season grasse	es general characteristics
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Species	Pros	Cons
Bahiagrass	Persistence	Production
	Low maintenance	Nutritive value
Bermudagrass	Production	Wet areas
	Nutritive Value	Overgraze
		Soil fertility
Stargrass	Production	Cold
	Nutritive Value	Overgraze
		Soil Fertility
Limpograss	Winter production	Overgraze
	Nutritive value	Soil Fertility

Warm-season legumes

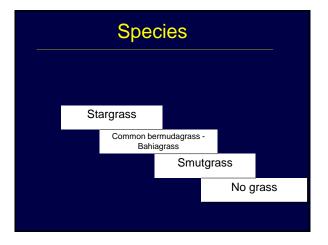




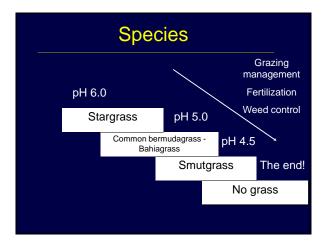




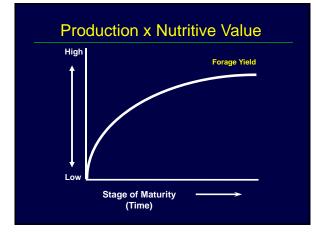




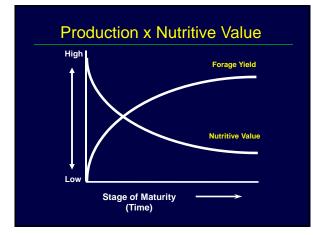




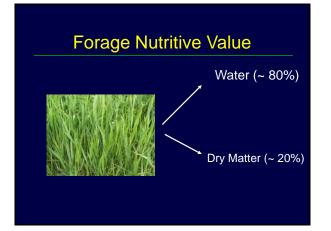




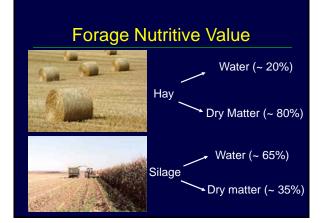


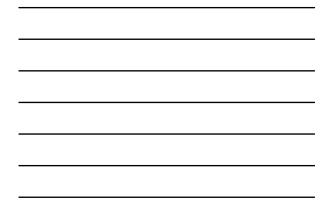












Forage	e Nutritive Value
	/ Protein
	Lipids
	Sugars
	Starch
Dry Matter	Pectin
	Cellulose
	Hemicellulose
	Lignin
	Mineral
	└ Vitamins



Foraç	ge Nutritive Value
Dry Matter /	Protein (CP) {%N x 6.25
	Energy (TDN) Cell contents Cell wall (Fiber)





Consumption Property and a second Property



Grazing

- ✓ Two major objectives
- Optimize forage production and nutritive value
- Meet livestock requirement

Animal specie and grazing habit



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Nutritional	Requ	iremer	<u>n</u>
✓ Beef Cattle DM, T	DN, and	CP require	ments
Class	DM	TDN	СР
	(lbs)	(%)	(%)
Dry cow mid preg	27	48	7
Mature cow 10# milk	30	56	9
2 yr old lact cow	21	63	11



Grazing

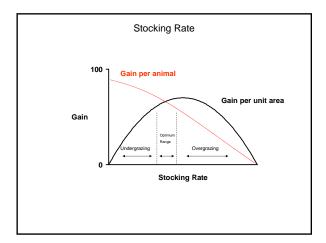
✓ Stocking rate

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Definition: Number of animals units per acre

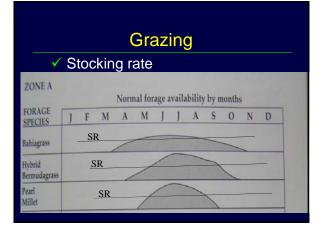
Animal unit = 1000 lbs liveweight





Stocking rat	e affects bull p	erformance
Stocking rate (head/acre)	ADG (lb/day)	Gain/acre (lb/acre)
1	1.54	445
2	1.17	678
3	0.55	488



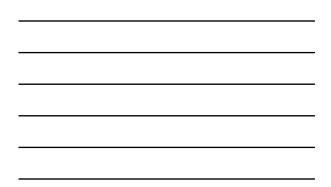


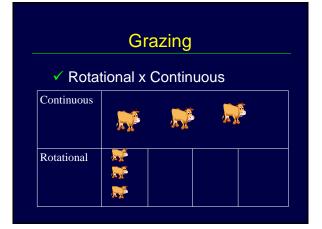


Grazing

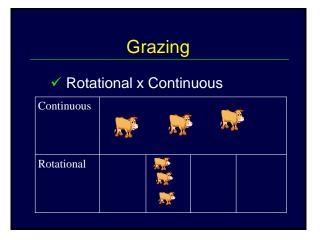
✓ Stubble height

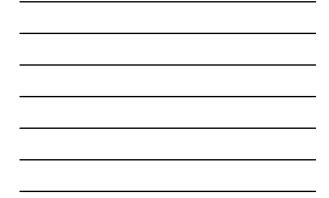




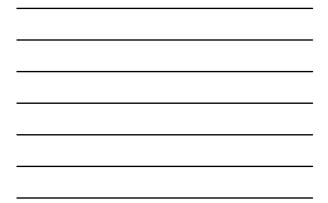








	Gra	azing			
🗸 Rotat	ional x	Contir	านอนะ	S	
Continuous	M			N à	
Rotational					





Summary

✓ Select the right forage specie, fertilization, and weed control program

✓ The purpose of grazing management is to supply forage to livestock in adequate quantity and quality

✓ Stocking rate is the most important decision on grazing management

EDIS

✓ UF extension publications

✓ http://edis.ifas.ufl.edu

