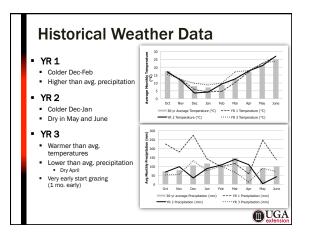


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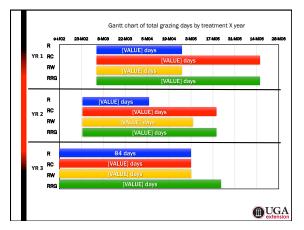
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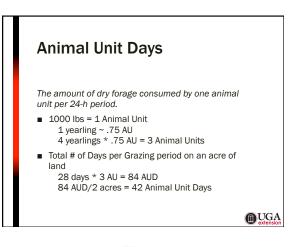




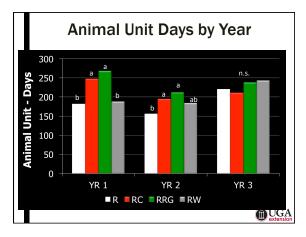


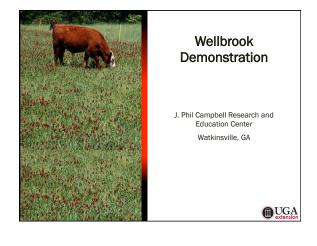
		Treatme	nt	
	R	RC	RRG	RW
		Ibs/hd	/d	
'R 1	2.47	2.34	2.07	2.38
/R 2	2.73ª	2.32 ^b	2.80 ^a	2.27 ^b
′R 3	2.29	2.34	1.92	2.25
Least squ	ares means within a ro	w with different supe	rscripts are differe	nt (P < 0.05).

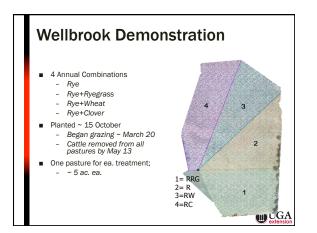




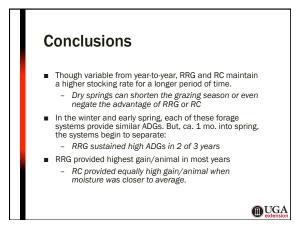




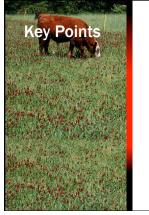




	R	RC	RRG	RW
Beginning BW (lb)	523	598	538	540
End BW (lb)	611	686	646	646
ADG (lb/hd/d)	2.31	2.16	2.49	2.87
Cumulative Gain	1325	1347	1601	1579
Gain/ac	280	280	333	356
Total grazing days (AU Days)	582	624	636	564
	-	1.30		AUC



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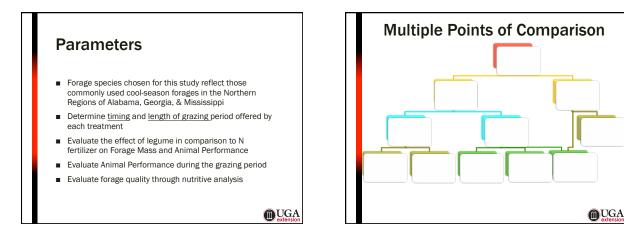


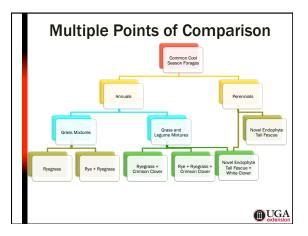
- Rye + Ryegrass provided the most reliable animal performance of these forage systems
- Rye+Clover can perform equally well under typical/ average weather and may be more cost-effective
- Rye alone may be appropriate for animal performance if grazing in winter through early April, only.

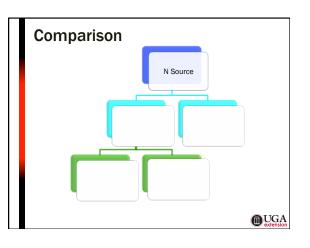
 Rye+Wheat offers no advantage over rye alone and is not likely to be economical



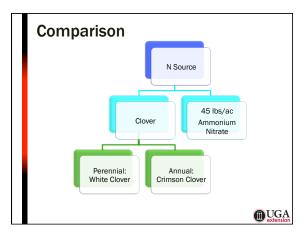


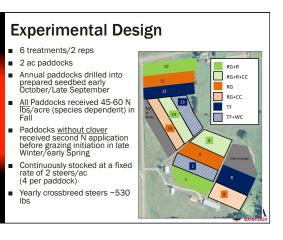




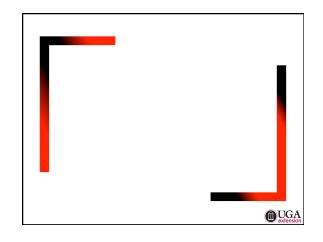










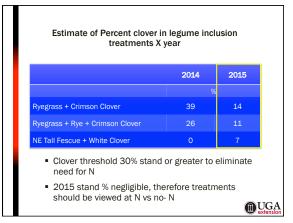


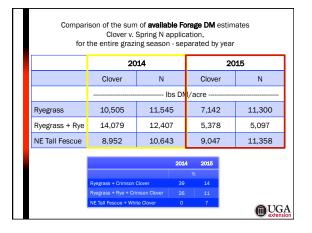


Impacts of Weather

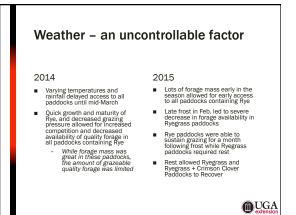
Available Forage Dry Matter by Treatment, Sample Date, and Year Ryegrass + Ryegrass + Rye + Crimson Clover NE Tall Fescue + White Clover Sample Date* Ryegrass + NE Tall Fescue Ryegrass n Clo lbs DM/acre 2014 2,041 2,536 3,127 2,320 1,772 2,590 1 3,746 3,500 3,246 2,961 2,883 2 3,563 з 2 983 2 679 3 4 5 9 4 539 2 998 2.777 2.280 2.007 2.575 4.205 2.094 1,250 4 forage dry matter estimated at Initiation, Termination, and every 28 days of the grazing perior late occurred 28 days post removal from paddocks for Ryegrass and Ryegrass + CC treatme **OUGA**

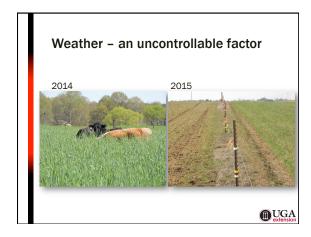


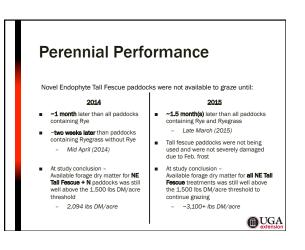




	ADG (lbs/d)	Total BW Gain (lbs/acre)	
	2014	2015	2014	2015
Ryegrass	2.49×	2.46	342 ^x	426 ^x
Ryegrass + Rye	1.76 ^y	2.46	244 ^y	284 ^y
Tall Fescue	1.87 ^y	2.11 ^x	307 ^{xy}	359 ^x
*There were	no differences be treatments o	tween Legume a ombined by gras		s, therefore a





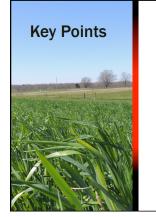




Perennial Performance Continued

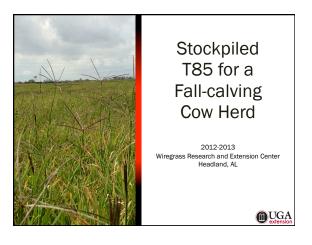
- Once available, Novel Endophyte Tall Fescue paddocks were able to provide abundant available forage throughout the study until conclusion in late June in both years
- Potential to graze NE Tall Fescue into mid-July without negative effects on the livestock while waiting on Warm Season Perennial Forage Base

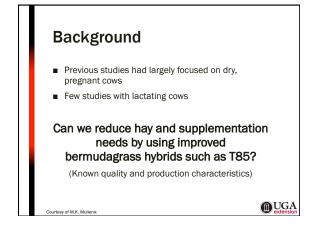
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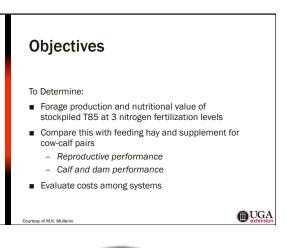


- This was a "real-world" comparison, therefore stocking rate and management decisions were made to reflect as such
- Crimson clover is a viable option to mitigate N fertilizer needs in annual pastures
- All treatments provided extended grazing while maintaining an ~2 lb/day ADG - decreasing the need for stored forages and supplemental feed during this time
- Our data serves to aid producers in developing farm specific forage management systems for stocker production

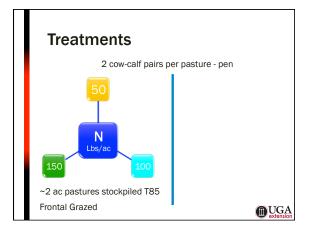


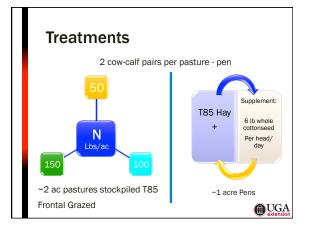


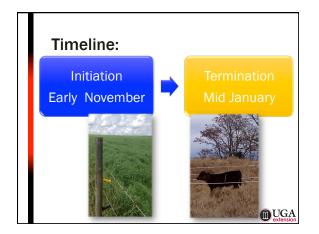


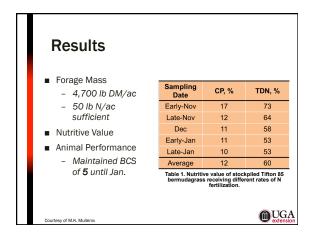


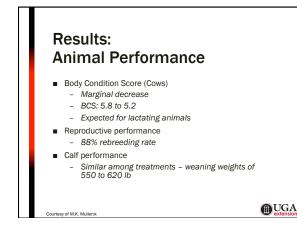


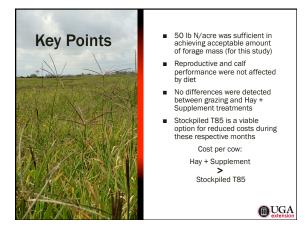








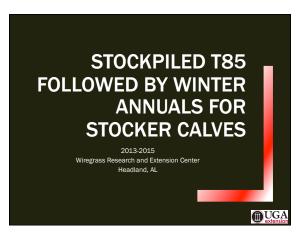


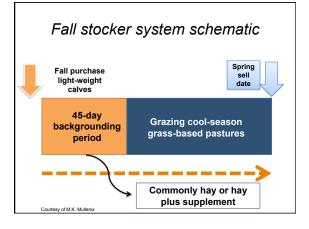


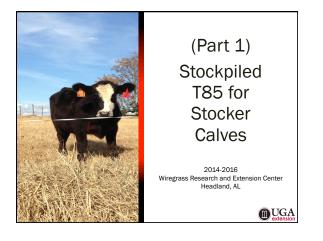
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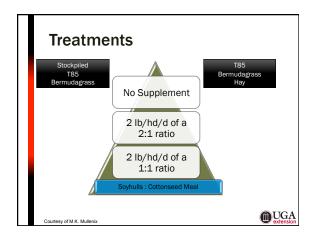
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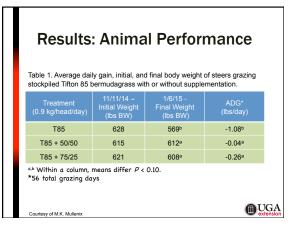






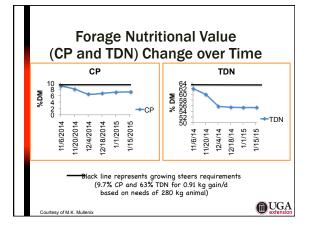


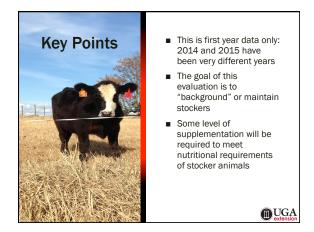


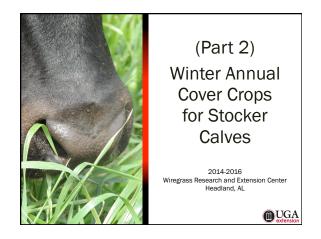


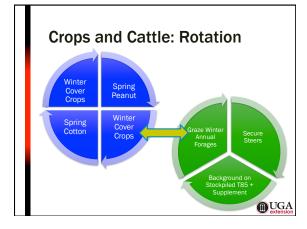


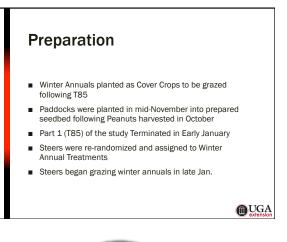
Res	ults: F	orage	Paran	neters	i
		e- and post-gra ockpiled Tifton		ass, forage al rass.	lowance,
Date	Pre-Grazing Forage Mass (Ibs DM/ac)	Post-Grazing Forage Mass (lbs DM/ac)	Herbage Harvested (Ibs DM/ac)	Forage Allowance (Ibs DM/ Ibs BW)	% Forage Utilization
11/6/2014 (A)	4,899 ^b	1,984ª	3,315	4.9	67°
11/20/14 (B)	6,612ª	1,328 ^b	5,276ª	4.4	80 ^b
12/4/14 (C)	5,929 ^{abc}	680°	5,249ª	4.4	89 ^a
12/18/14 (D)	4,901 ^b	388 ^d	4,514 ^{ab}	3.5	92a
1/1/15 (E)	4,644 ^b	290 ^d	4,353 ^b	3.3	94ª
allic Within a colu	mn, means differ	P < 0.10			
Courtesy of M.K.	Mullenix				



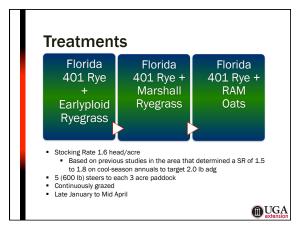












	Average Forage Mass (Ibs/acre)	Average Daily Gain (Ibs/day)
Florida 401 Rye + Earlyploid Ryegrass	1,986	2.17°
Florida 401 Rye + Marshall Ryegrass	2,053	1.78 ^{ab}
Florida 401 Rye + RAM Oats	2,206	1.65 ^b





