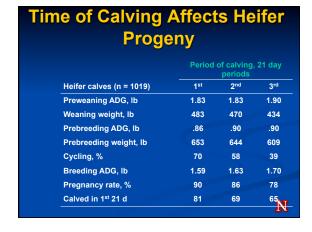
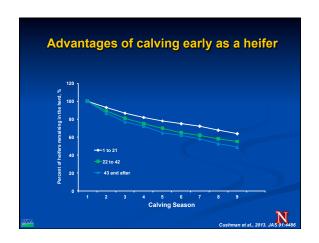
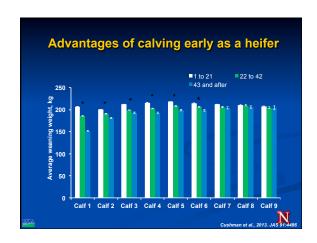


## Replacement Heifer Selection 1. Cull daughters of "bad mark" cows 2. Cull light wts., big birth wt & 6 frame 3. Cull youngest (born +45 d. calving) 4. Select daughters of oldest cows 5. Optimum (not maximum) preg. rate 6. Pigmented eyes & udder 7. Form = depth rib, chest width, guts

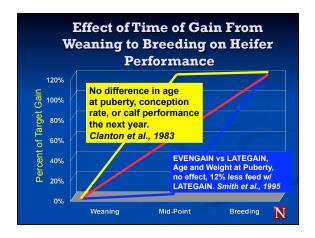


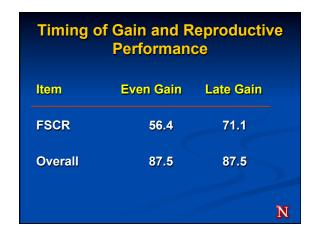


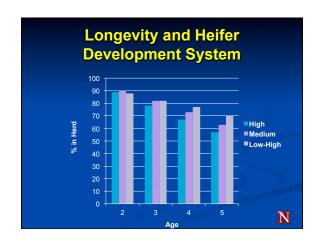


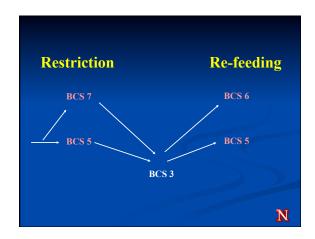
Feeding to a '	'Target	Weight"
% of	f Mature V	/t @ breeding
Item	55%	65%
Pre-breeding wt	600	683
Conception (21d)	30	62
August Pregnancy	63	90
October Pregnancy	50	87
Calving wt.	834	897
Calf birth wt.	71	73
Calving difficulty,%	46	36
Calf death loss,%	6	5

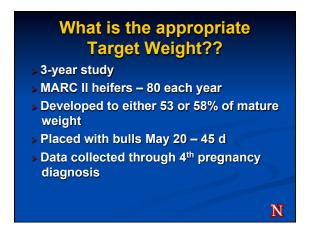
Target Weight Method		
Heifer WW	Days/wt gain	Target BW
Nov. 1	180 d	May 1
500 lb	250 lb	750 lb
Gain needed	1.40 lb	





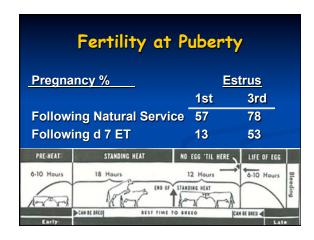


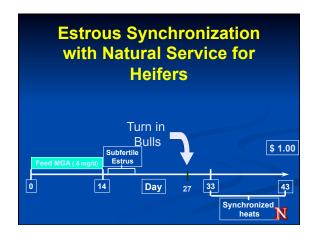


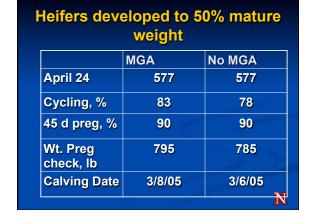


What is the appropriate Target Weight??			
% Mature Weight	<u>53</u>	<u>58</u>	
Pregnancy Rate - 1st	92	88	
-2nd	91	91	
-3rd	94	92	
-4th	96	96	
			N

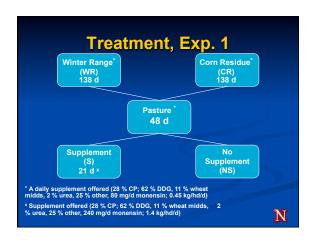
What is the appropriate Target Weight??			
% Mature Weight	<u>50</u>	<u>55</u>	
Breeding Season	60 d	45 d	
Pregnancy Rate	87	90	
Calve Date	3/15	3/9	
Birth Weight	75	75	
PG Wt. 2 <sup>nd</sup> Calf	903	926	
2 <sup>nd</sup> Preg. Rate	91	92	
(3 years - 261 head Creighton, et al. 2005)			

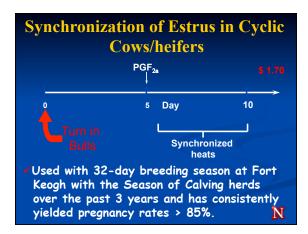


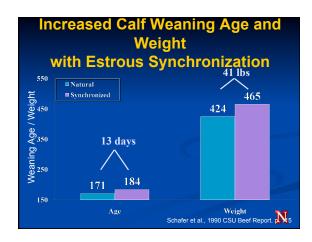


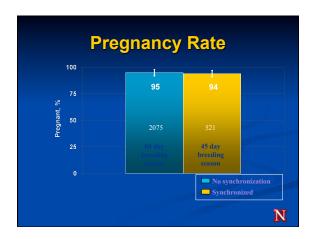


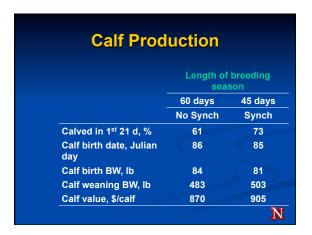


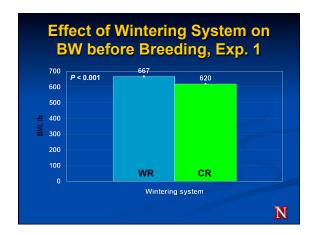


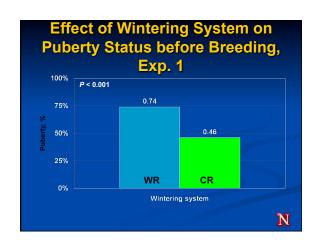


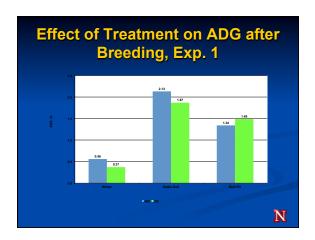


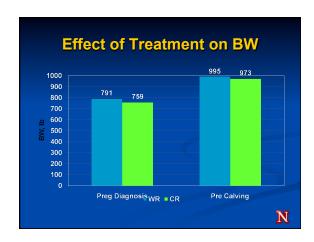


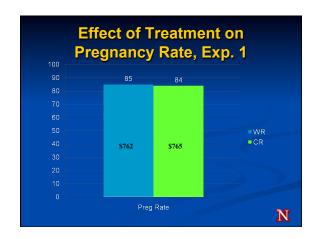


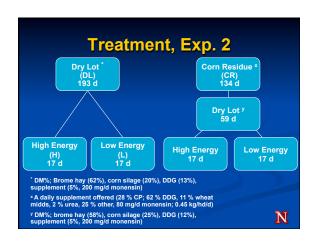


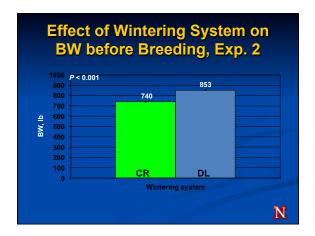


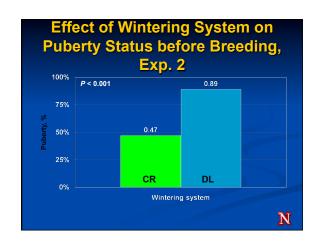


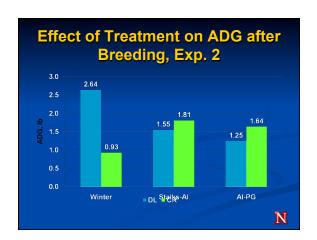


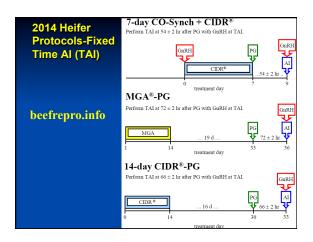


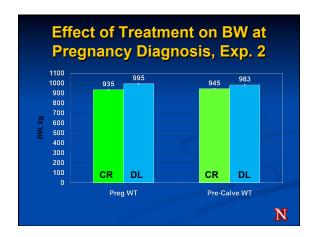


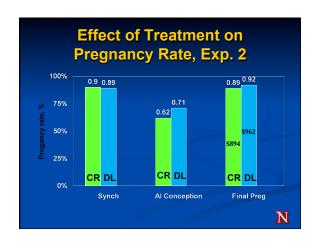












Heifer Development			
■ Weight, Ib	665	727	
ADG Wean -> Pre.84		1.23	
■ Al Pregnancy rate, %	86	58	
WHY?			
ADG Pre	1.4	2.14	
ADG Post	1.27	.81	
		N	



Extensive heifer developme	nt
systems	
≻Lower Development Costs \$100 +	
Selling open heifers was profitable	
Determine adaptability early?	
∘ Short breeding season	
₀ Lighter breeding weights	
₀ Lighter mature weights?	
> Must continue to grow through	NT
calving	TVI

	word of cater calving		
Trt	Weight	Preg	
Hay	840	64	
Meadow	768	53	
H/NS	805	62.5	
H/S	776	81	
M/NS	732	56	
M/S	748	82	
			N

