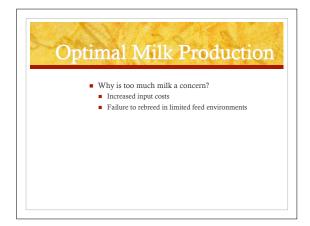


Cow	Milking	lb of milk/	lb TDN	lb CP
Size	Level	cow/day	Needed	Needed
1000	Average	10	12.4	1.9
1000	Above Avg	20	14.8	2.6
1000	Superior	30	17.2	3.5
1200	Average	10	13.8	2.1
1200	Above Avg	20	16.2	2.8
1200	Superior	30	18.7	3.5
1400	Average	10	15.2	2.3
1400	Above Avg	20	17.6	3.0
1400	Superior	30	20.1	3.7

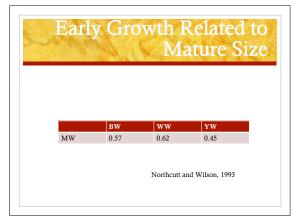


E					
E	conomic Efficiency				
	Low	Med.	High		
Income					
Weaning	496.40	493.60	501.10		
Slaughter	810.1	808.40	789.40		
Expense					
Weaning	549.80	553.40	568.80		
Slaughter	814.20	837.50	828.30		
Econ. Eff.					
Weaning	90.3	89.2	88.1		
Slaughter	99.5	96.5	95.3		

Production	Environ	ment	Traits					
Feed Availability	Stress	Milk	Mature Size	Ability to store energy	Resistance to stress	Calving ease	Lean yield	
High	Low	M-H	M-H	L-M	М	M-H	Н	
	High	М	L-H	L-H	Н	Н	M-H	
Low	Low	L-M	L-M	Н	М	M-H	М	
	High	L-M	L-M	Н	Н	Н	L-M	



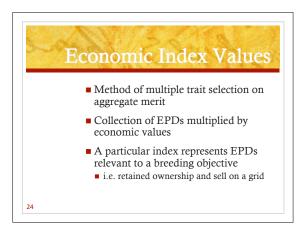


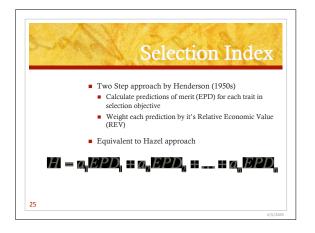


viali		ze all	d Caro
	MW	HT	CS
HCWT	0.81	0.69	0.23
RPP	-0.05	0.03	-0.12
FAT	-0.02	-0.16	0.20
LMA	0.34	0.25	0.24
MARB	-0.15	-0.17	-0.03
Neph	awe et al., 200	4	



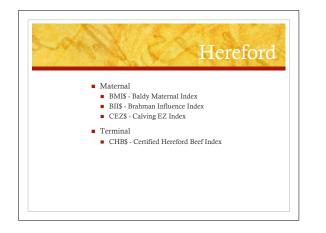








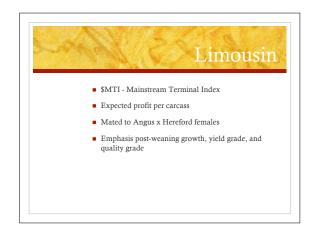












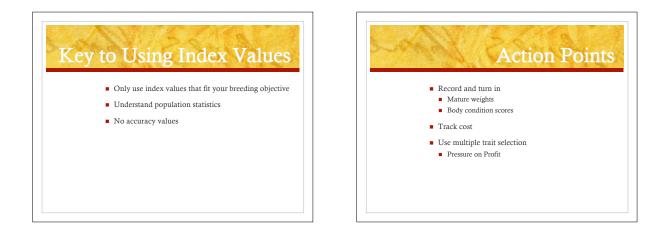


		Cu	lling	Lev	els (I	CL)
	CE	D = 2.1 W	'W = 43 M	IM = 18 SC	C = 0.9 IMI	F = 0.04
	CED	WW	MM	SC	IMF	\$BMI
1	2.5	55	20	1.0	0.10	20.16
2	5.0	50	25	1.2	-0.10	19.55
3	4.0	45	20	1.0	0.25	20.35
4	1.6	62	19	1.0	0.20	21.64

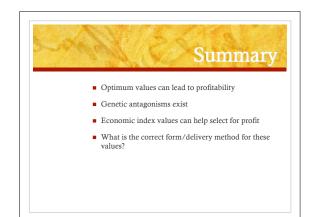


Rhat		HRE	
BIG			
Animal Traits			
Animal traits			Default Values
Cow Size, Ibs			1200
Weaning Weight			550
Backgrounding Phase ADG	2.05		
Length of background pha	104		
Growing Phase ADG	3.86		
Length of growing phase,	69		
Finishing Phase ADG	2.75		
Length of finishing phase,	47		
Marbling Score	5.5		
USDA Yield Grade	2.5		
Live Pricing			
Cull Cows, \$/cwt	43.40		
Weight Range, Ibs	Weaning Price \$/lb	Backgroun	nding Price \$/Ib
Less than 350	1.02		
351-400	0.98		
401-450	0.96	0.85	
451-500	0.95	0.95	
501-550	0.89	0.89	
551-600	0.88	0.88	
601-650	0.80	0.83	
651-700		0.93	

Termin	nal or Maternal?
Terminal	Maternal
• \$B, \$F, \$G (Angus)	• \$W, \$EN
• TI (Simmental)	• API
CHB\$ (Hereford)	• BMI\$, BII\$, CEZ\$
• MTI (Limousin)	
• FM and CV (Gelbvieh)	
Charolais	







"The native cattle are extinct, but the island is full of artificial breeds. The agriculturalist Bakewell created sheep and cows and horses to order, and breeds in which everything is omitted but what is economical. The cow is sacrificed to her bag; the ox to his sirloin."

Ralph Waldo Emerson

