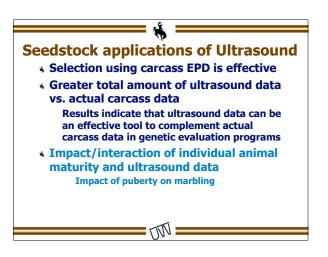


Ultrasound in Seedstock applications h <sup>2</sup> Estimates for Carcass Traits						
			FAT	MARB		
Kemp et al.	2002	.45	.35	.42		
Pariacote et al.	1998	.97	.46	.88		
Gregory et al.	1994	.47	.30	.52		
Koots et al.	1994	.42	.44	.36		
Marshall	1994	.37	.44	.35		
Arnold et al.	1991	.46	.49	.35		
	T	N				
	0	•				

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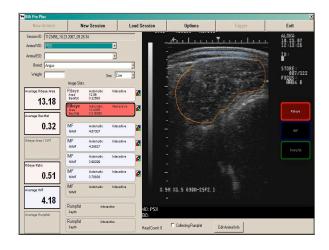
Genetic Correlatio Ultrasound and			
Source	Ribeye Area	Fat	Marbling /IM
Devitt and Wilton (2001)	.66	.88	.80
Moser et al. (1998)	.66	.69	
Reverter et al. (2000)	.46	.67	.54

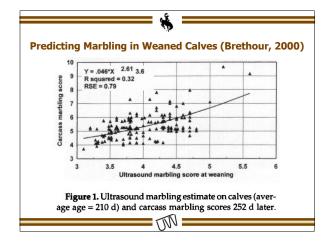


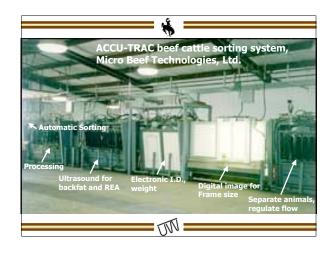
mact of feeding of pube	program on erty, and car		ainment
Table 3. Values	s of various traits	that result in pre	dicted
proportions of pu	bertal heifers of 2	5 and 45 percent	
Trait	25 % pubertal	45 % pubertal	
IMF, %	3.23	3.99	
FT, mm	3.56	5.33	
ADG, kg/d	0.59	0.81	
<sup>1</sup> Hip Ht, cm	114.6	118.7	
<sup>1</sup> BW, kg	303	328	
<sup>1</sup> LM area, cm <sup>2</sup>	53.5	61.3	
I'm and the termine	anlu significant i	n control fed heife	

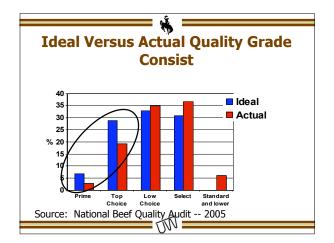


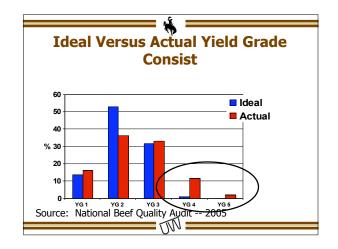






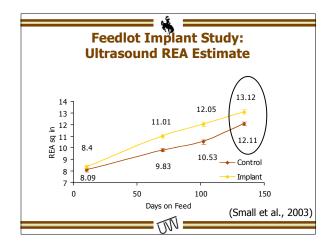


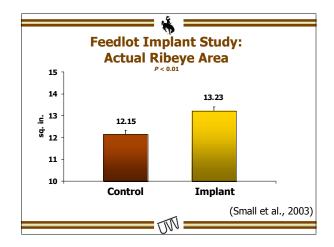


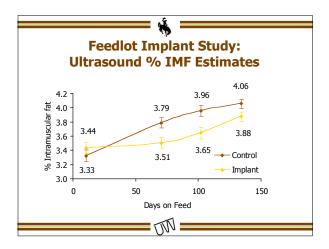


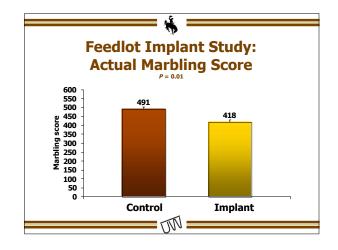
Example Grid: Premiums and Discounts						
	Yield Grade					
Carc. Attributes	1	2	3	4	5	
Prime	+9.50	+9	+6.50	-13.00	-18.00	
CAB	+5.50	+4.00	+2.50	N/A	N/A	
Choice	+3.00	+1.50	Base	-20.00	-25.00	
Select	-2.00	-3.50	-5.00	-25.00	-30.00	
Standard	-23.00	-23.00	-23.00	-28.00	-33.00	
			Severe	discount	s that cattl	
Dk. Cutter	-35.60		owners & managers must avoid			
Light Carc (<600)	-28.60					
Heavy (>900 lb)	-23.60	_				



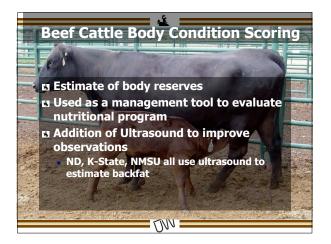


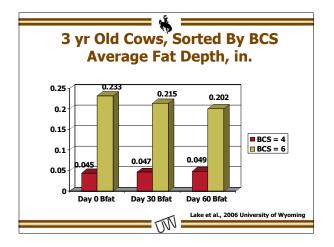


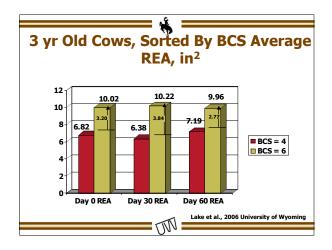














## 🖪 Evaluate REA, %IMF

- Adjust REA for weight of heifer (REA/cwt)
  What type of heifer would work best in your production environment?
- Can we remove the bottom 10% inferior animals?

