















on Warner Bratzler Shear Force Shear Force Ratio (n)					
Disposition Score	Year 1	Year 2	Year 3		
1	97.4 (97)	98.7 (67)	99.2 (93)		
2	104.7 (19)	100.9 (56)	96.3 (13)		
3	114.6 (3)	99.0 (13)	96.1 (6)		
4		108.0 (7)	81.3 (1)		
5		100.2 (2)			
IBC Iowa Beef Center					

1999-2000 thru 2001-02 Iowa Tenderness Evaluation Project Economic Summary					
<u>Item</u>	<u>1999-00</u>	<u>2000-01</u>	<u>2001-02</u>		
No. head	123	149	113		
Death loss, %	2.4%	2.6%	0.0%		
Vet Med Pulls	18%	17.4%	1.8%		
% Blacks	92%	94%	95%		
Dress %	61.9%	61.5%	62.9%		
1BC Iowa Beef Center					

Evaluation Project Economic Summary					
Item	<u>1999-00</u>	<u>2000-01</u>	<u>2001-02</u>		
ADG	3.29	2.97	3.56		
F/G	6.21	7.52	6.47		
Hot Carcass Wt	724	681	720		
Fat Cover	.49"	.45"	.51"		
% YG 1 & 2's	37%	79%	35%		
% Choice	78%	83%	79%		
% CAB	25%	30%	21%		
Jown Reef Cantar					

1999-2000 & 2001-02 Iowa Tenderness Evaluation Project Economic Summary						
<u>Item</u>	<u> 1999-00</u>	<u>2000-01</u>	<u>2001-02</u>			
Feed Cost/cwt.	\$27.85	\$33.57	\$29.30			
Total Cost/cwt.	\$42.16	\$48.69	\$41.27			
Profit/head	\$53.71	\$32.59	-\$39.51			
Total Profit	\$6,606	\$4,856	(\$4,465)			
1BC Iowa Beef Center						





Tenderness Determination Procedures

• Up to Day 14: Steak is cryovac sealed and allowed to age for 14 days

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• Frozen until all samples are ready for Instron Warner-Bratzler shear test

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