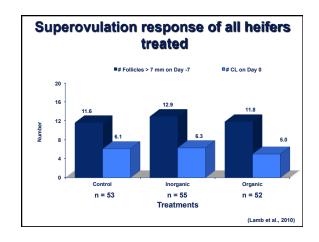
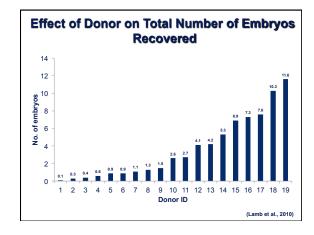
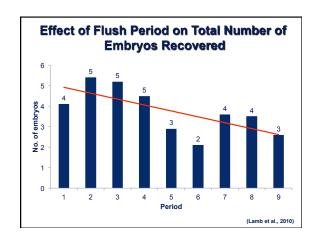
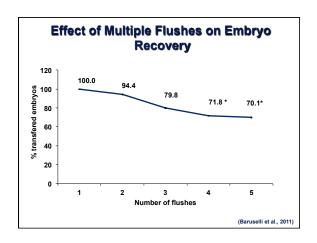


Average daily as fed intakes for three mineral treatments. Treatments Control Inorganic Organic Item^akg... Supplement: Mineral Soy Bean Meal 0.00 0.50 3.14 0.11 0.48 0.11 0.48 3.09 3.08 12.3 Hav 12.2 12.5 Total 16.0 15.9 16.1 ^a Heifers were individually fed supplement daily, but given ad libitum access to hay.





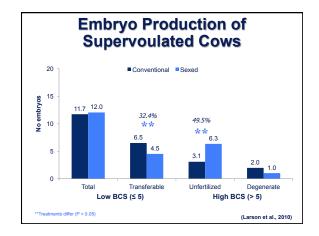




Use of Sexed Semen for Embryo Transfer

- 32 Angus cows were superstimulated and embryos were collected in a switch-back design.
- Two treatments
 - Four inseminations of conventional semen (15-18 mil. sperm)
 - Four inseminations of sexed semen (2.1 mil. sperm)
- Cows were inseminated at 0 (1x), 12 (2x), and 24 (1x) hr after estrus.
- Embryos were collected on day 7 after estrus.
- Embryos evaluated for embryo stage and quality grade

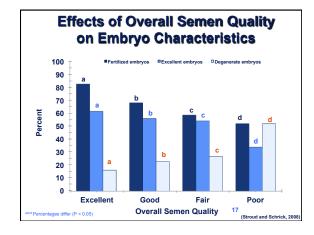
(Larson et al., 2010)



Effect of Semen Quality on Embryo Quality

- Superovulation (4-d)
- Semen was evaluated on 277 bulls comprising 33 breeds (beef)
- Artificial Insemination (2x @ 12/24 h)
 - 0.5 ml straws
- One Semen Evaluator and Al Tech

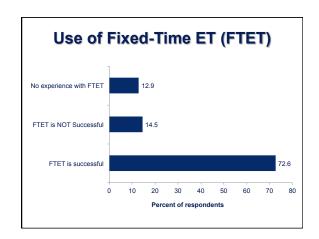
(Stroud and Schrick, 2008)

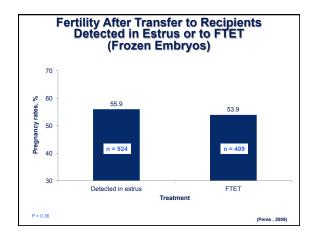


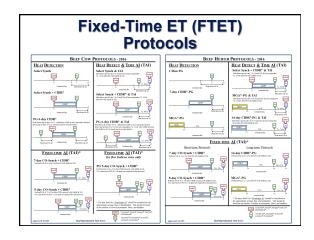


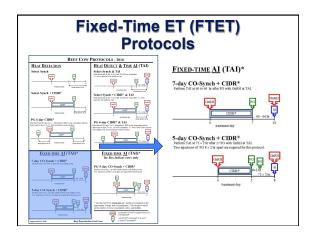
Survey Overview

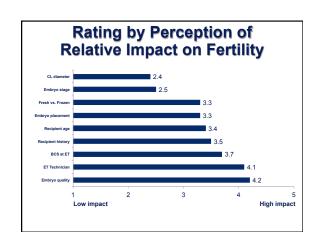
- Surveys requested from 218 AETA Professional members
 - 139 (64%) were AETA Certified
 - 79 (36%) were not AETA Certified
- Responses from 63 members
 - 47 (75%) were AETA Certified
 - 16 (25%) were not AETA Certified
- 4 members indicated that they could not access the survey tool

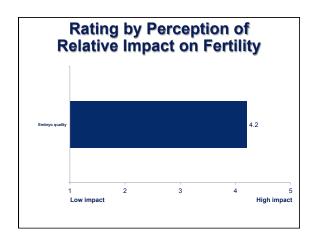


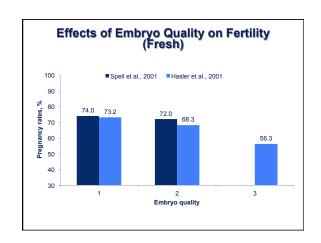


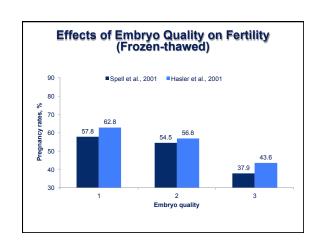


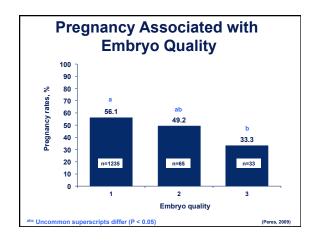


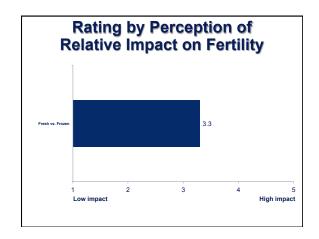


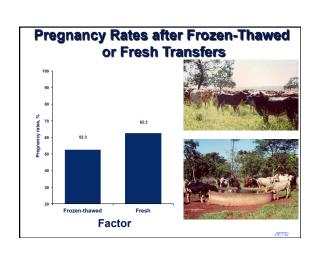


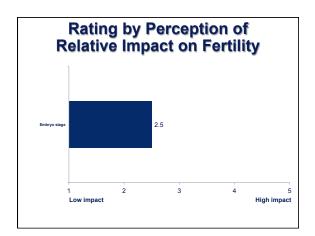


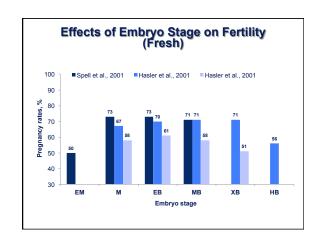


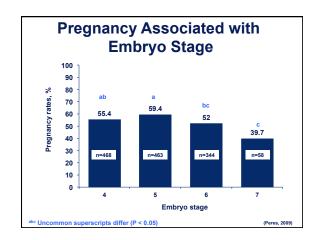


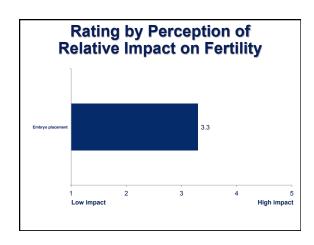


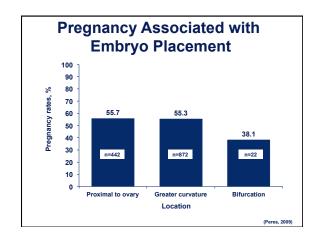


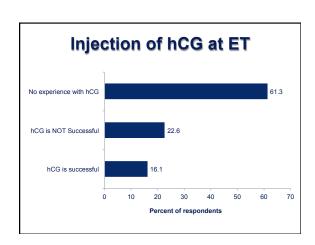


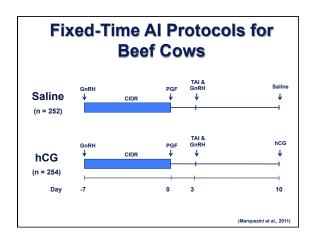




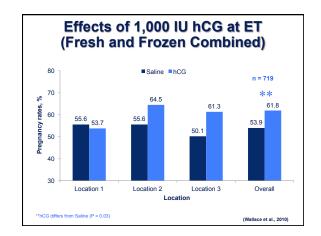


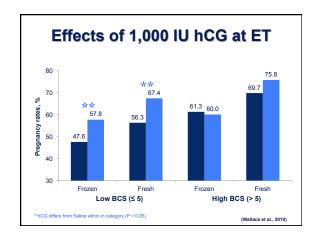


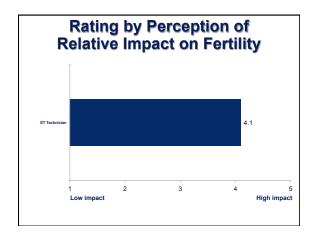


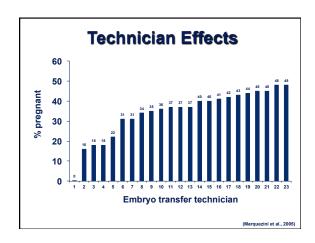


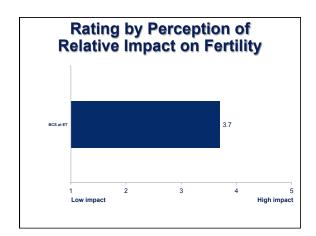
Pregnancy Rate			
Item	Saline	hCG	
Pregnancy rates, d 33	% (total no. of cows)		
Location 1	40.0 (40)	51.2 (41)	
Location 2	45.7 (35)	72.7 (33)	
Location 3	58.8 (51)	50.0 (52)	
Location 4	46.3 (41)	47.4 (38)	
Location 5	59.3 (27)	62.1 (29)	
Location 6	50.0 (58)	59.0 (61)	
Total	50.0 (252) ^m	56.3 (254) ⁿ	
Pregnancy rate, d 68	78.3 (249)	80.2 (253)	
m.n Means differ (P = 0.05)		(Marquezini et al., 201	

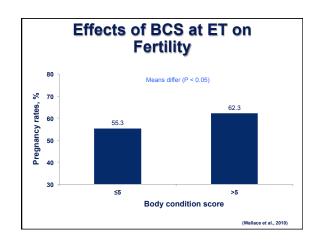


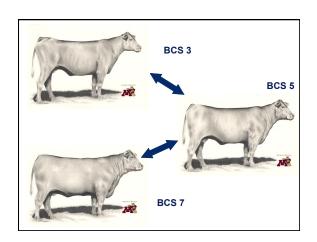


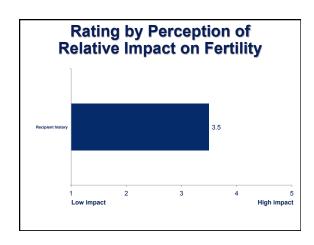


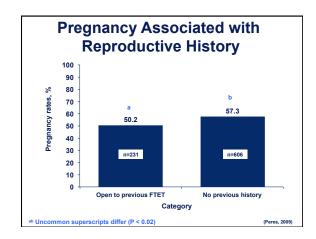


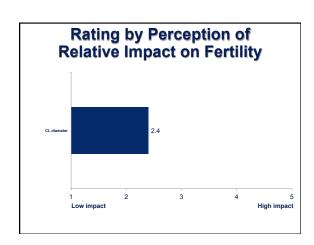












 Itemª	Treatments	
	Pregnant	Nonpregnant
CL Diameter	24.1	24.0
Luteal volume, cm3	7.1	6.8
CL with cavity, % of recipients	77	83
Concentration of Progesterone, ng/mL	4.1	3.9

