



“Australian Beef – The Leader!”

A 2-day conference to examine the impact of science on the beef industry



University of New England, Armidale NSW

Tuesday 7 and Wednesday 8 March 2006

Conference Program

Tuesday 7 March 2006		
08.30	Introduction and Opening Remarks by Conference Chairman	Mr Don Heatley, Chairman, Meat and Livestock Australia
Session 1. The impact of the Beef CRC and its CEO, Professor Bernie Bindon Session Chairman: Mr Dick Austen, AO		
08.45	Bernard Michael Bindon – researcher etc	Professor Keith Entwistle
09.15	The impact of the first two phases of the Beef CRC	Professor Bernie Bindon
10.00	<i>Morning tea</i>	
Session 2. The impact of Quantitative Genetics: Take-home messages Chairman: Mr Robin Hart AM		
10.30	The impact of quantitative genetics on productive, reproductive and adaptive traits	Dr Larry Cundiff
11.15	The genetics of female reproductive traits	Dr David Johnston (with Dick Holroyd and Geoffry Fordyce)
11.45	The genetics of growth and feed efficiency	Dr Paul Arthur (with Robert Herd, Steve Barwick and David Johnston)
12.15	The genetics of adaptive traits	Dr Kishore Prayaga (with John Henshall, Heather Burrow and Nick Corbet)
12.35	<i>Lunch</i>	
Session 3. The impact of Quantitative Genetics (continued) Chairman: Mr John Mactaggart AM		
13.30	The genetics of carcase and beef quality	Dr Heather Burrow (with David Johnston, Toni Reverter and Steve Barwick)
14.00	Breeding strategies for the development of the Australian beef industry	Dr Keith Hammond
14.20	Application of genetic technologies in the temperate Australian seedstock industry	Mrs Lucinda Corrigan (with Peter Parnell)
14.40	Impact of genetic innovations on beef production systems in northern Australia	Mr Rob Backus (with Ian Whan)
15.00	<i>Afternoon tea</i>	
Session 4. The impact of Molecular Genetics Chairman: Mr Edward Wright AM		
15.30	The impact of sequencing the bovine genome	Professor James Womack
16.15	Discovery, validation and delivery of DNA markers	Professor Frank Nicholas
16.45	The application of molecular techniques to the global beef industry	Professor Mike Goddard (with Bill Barendse and Sigrid Lehnert)
Gala Dinner, Lazenby Hall, UNE to honour Professor Bernie Bindon's contribution to science and Australia's livestock industries		

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Session 5. The impact of Meat Science		
Chairman: Mr David Wright AM		
08.30	The contribution of meat science to development of a PACCP-based grading scheme for beef	Mr Declan Troy
09.15	Marbling biology - what do we know about getting fat into muscle?	Professor Dave Pethick (with Greg Harper)
09.45	Use of proteomics technologies to understand variation in meat tenderness.	Dr Matt McDonagh (with InHo Hwang)
10.05	<i>Morning tea</i>	
Session 6. The impact of Meat Science (continued)		
Chairman: Mr David Woolrych		
10.30	Guaranteed eating quality: the Australian science.	Professor John Thompson (with Aubrey Egan and Robin Shorthose)
11.00	Guaranteed eating quality: making it work.	Mr Rod Polkinghorne
Session 7. The impact of Management and Nutrition		
Chairman: Mr Johnny Kahlbetzer		
11.30	Relationships between temperament, feedlot performance and beef tenderness	Dr Drewe Ferguson (with Heather Burrow, David Johnston and Toni Reverter)
11.50	The impact of growth path and nutrition on beef eating quality	Dr Paul Greenwood (with Linda Café, Helen Hearnshaw, David Hennessy, Dianna Perry, Bob Hunter and Nigel Tomkins)
12.10	Regional beef systems to achieve market specifications	Mr Bill McKiernan (with John Wilkins, John Graham, Mick Deland, Geoff Tudor, Garry Griffith and Steve Barwick)
12.30	<i>Lunch</i>	
Session 8. The impact of Management and Nutrition: Take-home messages (continued)		
Chairman: Mr John Cox		
13.15	The impact of animal health and welfare research on productivity of beef herds	Mr Dennis Watson (with Dr Ian Colditz)
13.45	The impact of science on feeding and management practices in the Australian beef industry	Dr Hutton Oddy (with Bob Hunter)
Session 9. The impact of science on the beef industry		
Chairman: Mr John Wyld		
14.15	The impact of reproductive technologies on the use of improved genetics	Professor Jim Kinder
14.35	Genomic lessons from the intensive industries	Dr Sung-Jong Oh
14.50	The impact of gene markers on improved profitability of beef businesses	Dr Gerard Davis
15.10	<i>Afternoon tea</i>	
Session 10. The impact of science on the beef industry (continued)		
Chairman: Mr Peter Frawley		
15.30	The impact of science on the Australian feedlot sector and flow-on benefits to other sectors	Mr Malcolm Foster
15.50	The bottom line: the impact of CRC research on beef herd profitability	Dr Garry Griffith
16.10	Industry adoption of CRC research results: maximising uptake of the science	Mr Alex McDonald
16.40	Take-home messages: the impact of integrated science on the global beef industry	Dr Neil Clarke and Dr Jay Hetzel
16.55	Closing remarks	Mr Don Heatley / Prof Bernie Bindon
18.00	Casual BBQ for delegates staying on in Armidale (details to be advised)	