



# BAYER & BIONICHE INTERNATIONAL BEEF CATTLE GENETICS CONFERENCE

Central Queensland University Australia – Rockhampton, Queensland, Australia

Sunday 6<sup>th</sup> May and Monday 7<sup>th</sup> May 2012

## SUNDAY 6<sup>th</sup> MAY 2012

7.30 am	<b>Registration</b>	<b>Building 32 –Theatre 1.28</b>
8.30 am	<b>Welcome</b>	<i>Scott Bowman Vice Chancellor, Central Queensland University</i>
8.45 am	<b>Opening</b>	<i>Commonwealth Minister for Agriculture, Fisheries &amp; Forestry</i>
9.15 am	<b>Keynote address:</b> Global market prospects for beef and competition from other meat products	<i>Dr Peter Barnard General Manager, International Markets and Economic Services, Meat &amp; Livestock Australia</i>
<b>Fertility genetics in action in extensive beef herds</b>		
10.00 am 10.25 am	Results from CRC 3 fertility research with tropical cattle in northern Australia: - Female fertility - Male fertility	<i>David Johnston, Principal Scientist, Animal Genetics and Breeding Unit, University of New England Nick Corbet, CSIRO Livestock Industries</i>
10.50 am	Brazilian experience in selection for fertility in zebu breeds including incorporation of DNA marker technology.	<i>Professor Raysildo Lobo President ANCP, Brazil</i>
11.15 am	Morning Tea – CQU Gardens	
<b>BREEDPLAN International explained</b>		
11.45 am	BREEDPLAN technology and the various companion products - BreedObject, TakeStock, Breed Audit.	<i>Steve Skinner Manager, International Beef Recording Scheme</i>
12.15 pm	The countries which use BREEDPLAN technology.	<i>Jack Allen Technical Director, Agricultural Business Research Institute, Armidale</i>
12.30 pm	A case study of international genetic evaluations – Pan American Evaluation	<i>Craig Huffhines Executive Vice President, American Hereford Association</i>
1.15 pm	The Angus Australia and Certified Australian Angus Beef (CAAB) Lunch – CQU Gardens	



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Genetics in action in extensive beef herds					
2.15 pm	MateSel – a new genetic tool for the beef industry.		<i>Prof. Brian Kinghorn School of Environmental &amp; Rural Sciences, University of New England</i>		
2.45 pm	<b>Breakout sessions</b> Attendees choose to attend <b>two of five</b> sessions with a rotation after 30 minutes				
	Plenary room	Room 33/1.28	Room 33/2.11	Room 33/1.21	Room 33/2.04
	Fertility research on tropical cattle	Maternal productivity research results for Bos taurus breeds in Southern Australia.	BREEDPLAN International Technology	International Genetic Evaluations	More detail of how MateSel works
	<i>David Johnston Nick Corbet Prof Raysildo Lobo</i>	<i>Wayne Pitchford</i>	<i>Steve Skinner Philip Mann</i>	<i>Craig Huffhines Jack Allen</i>	<i>To be confirmed</i>
3.45 pm	Afternoon Tea – CQU Gardens				
Exporting Australian genetics					
4.15 pm	What Australia offers as a source of world leading genetics and genetic technologies		<i>Arthur Rickards and Don Nicol</i>		
4.35 pm	The procedures for quality control in export of Australian cattle for breeding		<i>Christian Duff Executive Officer, Australian Cattle Genetics Export</i>		
5.05 pm	How to find your requirements in the Australian Genetics Precinct		<i>Burnett Joyce Gyandra Pastoral Co Qld</i>		
5.20 pm	<b>Close – Day 1</b>				
5.30–8.00 pm	<b>Bayer Bioniche Cocktail Reception</b>		<b>Central Queensland University Library Grounds</b>		



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## MONDAY 7<sup>th</sup> MAY 2012

8.30 am	<b>Keynote address:</b> Beef CRC delivers genomic predictions to BREEDPLAN . . . making EBVs more accurate	<i>Professor Mike Goddard University of Melbourne and DPI Victoria</i>			
<b>Genomics – what is it and how can I use it in my beef business?</b>					
9.15 am	How Australian Angus is applying genomics technology to its breeding programs.	<i>Dr Peter Parnell Chief Executive Officer, Angus Australia</i>			
9.45 am	A case study of the American Hereford/Iowa State University collaboration in genomics	<i>Dr. Dorian Garrick Iowa State University</i>			
10.00 am	Developments in AI techniques for delivery of elite genetics	<i>Prof. Gabriel Bo Bioniche, Argentina</i>			
11.00 am	Morning tea				
<b>Profiting from genetics</b>					
11.30 am	Composite breeding to meet market end points	<i>Nigel Alexander CEO, NAPCO</i>			
12.00 pm	How genetics can be used to improve profitability through the supply chain	<i>Richard Eldershaw Livestock Manager, Rangers Valley Cattle Station</i>			
12.30 pm	The Angus Australia and Certified Australian Angus Beef (CAAB) BBQ Lunch – CQU Gardens				
<b>Case studies from around the world</b>					
<b>Breakout sessions</b>					
Attendees choose to attend <b>two of five</b> sessions with a rotation after 30 minutes					
2.30 pm	Plenary room	Room 33/1.28	Room 33/2.11	Room 33/1.21	Room 33/2.04
	Scope of the Australian Angus genomics program	About the American Hereford/ Iowa State University Model	Practical AI in the tropics	Conducting large ET programs in the sub-tropics	Practical use of IVF technologies works
	<i>Peter Parnell Jack Allen</i>	<i>Dr Dorian Garrick Craig Huffhines</i>	<i>Prof. Gabriel Bo Sophie Butler</i>	<i>Nick Cameron Hot Cross Genetics</i>	<i>Dr Simon Walton Advanced Reproductive</i>



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					<i>Technologies</i>
3.45 pm	Afternoon Tea – CQU Gardens				
4.15 pm	Can collaboration between countries accelerate genomic developments and how genomics will change the beef industry over the next 10 years.		<i>Professor Mike Goddard University of Melbourne and DPI Victoria</i>		
5.00 pm	<b>Conference Close</b>		Arthur Rickards / Don Nicol		