

THE BAYER AND BIONICHE INTERNATIONAL BEEF CATTLE GENETICS CONFERENCE

6-7 MAY 2012

ROCKHAMPTON

www.beefaustralia.com.au



CQUniversity - ROCKHAMPTON, QUEENSLAND, AUSTRALIA
6TH AND 7TH MAY 2012

Why an international genetics conference?

The potential for growth in the beef cattle genetics industry is enormous and Australia is at the forefront. Australia's tropical and temperate adapted breeds are from large seedstock herds where effective selection is practised and her 'clean, green' status is acknowledged around the world. More information about Australian Livestock Genetics can be found at www.australianlivestockgenetics.com.au

The conference will bring together internationally recognised experts in the commercial application of Beef Cattle Genetics and Genomics. A highlight of the conference is the two keynote addresses. On Sunday Dr Peter Barnard, General Manager International Markets and Economic Services, Meat & Livestock Australia will outline the International Market Opportunities for Beef. On Monday Professor Mike Goddard will deliver the genomic predictions to BREEDPLAN – major research results from the Beef CRC .

Other highlights of the program include:

Opportunities for Import and Export of Superior Genetics, the latest developments in Genetic and Genomic Research, the International Launch of the MateSel Mate Selection Technology and case studies of how genomics can add value throughout the beef supply chain.

Who should attend the International Beef Cattle Genetics Conference?

- beef industry groups and breed society representatives;
- university and genetics research centres scientists and staff;
- commercial beef genetics research and development organisations;
- companies wanting to promote new technologies;
- commercial beef cattle breeders;
- stud cattle operators;
- artificial breeding companies;
- government officials working in animal quarantine and biosecurity agencies;

- government officials working in import / export protocol management agencies;
- government officials in charge of state and national departments of agriculture;
- commercial genetics import and export companies; and,
- beef cattle genetics industry investors.

What can I do after the conference?

Allow time to visit Beef Australia 2012, Australia's National Beef Exposition which features hundreds of trade displays. The Bayer Bioniche Genetics and Reproduction Technologies Marketplace will provide the ideal venue post conference to see in detail how the latest research and technologies are applied and follow up on concepts and contacts. The Expo also showcases national stud, carcass and commercial cattle competitions, several thousand live cattle from over thirty breeds, dozens of seminars and tours and hospitality second to none.



Bayer



INTERNATIONAL BEEF CATTLE GENETICS CONFERENCE HOSTED BY BAYER AND BIONICHE

CQUniversity– ROCKHAMPTON, QUEENSLAND, AUSTRALIA

SUNDAY 6th MAY 2012					
7.30 am	Registration		Building 32 –Theatre 1.28		
8.30 am	Welcome		Scott Bowman - Vice Chancellor, CQUniversity		
8.45 am	Opening		Commonwealth Minister for Agriculture, Fisheries & Forestry		
9.15 am	Keynote address: Global market prospects for beef and competition from other meat products		Dr Peter Barnard - General Manager, International Markets and Economic Services, Meat & Livestock Australia		
Fertility genetics in action in extensive beef herds					
10.00 am	Results from CRC 3 fertility research with tropical cattle in northern Australia: - Female fertility		David Johnston - Principal Scientist, Animal Genetics and Breeding Unit, University of New England Nick Corbet - CSIRO Livestock Industries		
10.25 am	- Male fertility				
10.50 am	Brazilian experience in selection for fertility in zebu breeds including incorporation of DNA marker technology.		Professor Raysildo Lobo - President ANCP, Brazil		
11.15 am	Morning Tea – CQUniversity Gardens				
BREEDPLAN International explained					
11.45 am	BREEDPLAN technology and the various companion products - BreedObject, TakeStock, Breed Audit.		Steve Skinner - Manager, International Beef Recording Scheme		
12.15 pm	The countries which use BREEDPLAN technology.		Jack Allen - Technical Director, Agricultural Business Research Institute, Armidale		
12.30 pm	A case study of international genetic evaluations – Pan American Evaluation		Craig Huffhines - Executive Vice President, American Hereford Association		
1.15 pm	THE ANGUS AUSTRALIA AND CERTIFIED AUSTRALIAN ANGUS BEEF (CAAB) LUNCH – CQUniversity Gardens				
Genetics in action in extensive beef herds					
2.15 pm	MateSel – a new genetic tool for the beef industry.		Prof. Brian Kinghorn - School of Environmental & Rural Sciences, University of New England		
2.45 pm	Breakout sessions - Attendees choose to attend two of five 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
	David Johnston, Nick Corbet and Prof Raysildo Lobo	Wayne Pitchford	Steve Skinner and Andrew Byrne	Craig Huffhines and Brad Crook	Jack Allen and Murray Scholz
3.45 pm	Afternoon Tea – CQUniversity Gardens				
Exporting Australian genetics					
4.15 pm	What Australia offers as a source of world leading genetics and genetic technologies		Arthur Rickards - Business Development Consultant, ABRI, University of New England, Armidale Don Nicol - Breedlink Pty Ltd, Cattle Breeding Consultants		
4.35 pm	The procedures for quality control in export of Australian cattle for breeding		Christian Duff – Executive Officer, Australian Cattle Genetics Export Agency		
5.05 pm	How to find your requirements in the Australian Genetics Precinct		Burnett Joyce - Gyandra Pastoral Co Qld		
5.20 pm	Close – Day 1				
5.30 – 8 pm	BAYER BIONICHE COCKTAIL RECEPTION – CQUniversity LIBRARY GARDENS				

MONDAY 7th MAY 2012

8.30 am	Keynote address: Beef CRC delivers genomic predictions to BREEDPLAN . . . making EBVs more accurate	Professor Mike Goddard - University of Melbourne and DPI Victoria
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Genomics – what is it and how can I use it in my beef business?

9.15 am	How Australian Angus is applying genomics technology to its breeding programs.	Dr Peter Parnell - Chief Executive Officer, Angus Australia
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9.35 am	A case study of the American Hereford/Iowa State University collaboration in genomics	Dr. Dorian Garrick - Iowa State University
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10.15 am	Developments in AI techniques for delivery of elite genetics	Prof. Gabriel A. Bó (IRAC – Argentina), Bioniche Animal Health
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11.00 am	Morning tea	
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Profiting from genetics

11.30 am	Composite breeding to meet market end points	Nigel Alexander - CEO, NAPCO
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12.00 pm	How genetics can be used to improve profitability through the supply chain	Richard Eldershaw - Livestock Manager, Rangers Valley Cattle Station
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12.30 pm	Facilitated discussion – ‘Profiting from Genetics’	Joy Deguara - Hamdenvale Brahmans, Mackay
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1.00pm	THE ANGUS AUSTRALIA AND CERTIFIED AUSTRALIAN ANGUS BEEF (CAAB) BBQ LUNCH – CQUniversity GARDENS	
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Case studies from around the world

2.30 pm	Breakout sessions - Attendees choose to attend two of five sessions with a rotation after 30 minutes				
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	Plenary room	Room 33/1.28	Room 33/2.11	Room 33/1.21	Room 33/2.04
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	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
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	Peter Parnell and Jack Allen	Dr Dorian Garrick and Craig Huffhines	Prof. Gabriel A. Bó and Sophie Butler	Nick Cameron - Hot Cross Genetics	Dr Simon Walton - Advanced Reproductive Technologies
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3.45 pm	Afternoon Tea – CQUniversity Gardens				
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4.15 pm	Can collaboration between countries accelerate genomic developments and how genomics will change the beef industry over the next 10 years.	Professor Mike Goddard - University of Melbourne and DPI Victoria
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5.00 pm	Conference Close	Arthur Rickards and Don Nicol - Co Chairs, Beef Australia 2012 International Beef Cattle Genetics Conference
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INTERNATIONAL BEEF CATTLE GENETICS CONFERENCE

HOSTED BY BAYER AND BIONICHE

REGISTRATION

Register and pay by Friday 20 April 2012.

PERSONAL DETAILS

Registration 1:

First name

Surname

Badge Name (if different to above)

Medical dietary requirements

Other requirements

PERSONAL DETAILS

Registration 2:

First name

Surname

Badge Name (if different to above)

Medical dietary requirements

Other requirements

PERSONAL DETAILS

Registration 3:

First name

Surname

Badge Name (if different to above)

Medical dietary requirements

Other requirements

CONTACT PERSON

Name

Organisation

Postal Address

Email

Telephone

*Program current at 16 November 2011 – subject to change without notice

