

## PROGRAM

### MONDAY 14<sup>th</sup> September

- 8.00 Field Tour - Departs Mercure Hotel Ballarat  
Visiting Goldacres (Ballarat), Lunch Dunkeld,  
Field tour of variety and agronomic sites
- 6.30 Return to Mercure Hotel, Ballarat
- 6.30-7.15 Registration and pre-dinner drinks
- 7.15-10.30 Welcome BBQ dinner at Argentinian Grill, Mercure Hotel, Ballarat  
*Sponsored by GRDC*

### TUESDAY 15<sup>th</sup> September

- 8.00-8.30 Registration
- 8.30-8.40 Conference House Keeping & Welcome  
**Wayne Burton**
- 8.40-8.50 GRDC overview  
**Brondwen MacLean**
- Session 1: *Brassica Challenges and Perspectives***  
Chair: **Brondwen MacLean (GRDC)**
- 8.50 – 9.15 Situation statement for oilseed *Brassica* production in Australia  
**Trent Potter**
- 9.15-9.40 Canola cultivation in India- Scenario and future strategy  
**Arvind Kumar**
- 9.40-10.10 China progress and future directions  
**Wang Hanzhong**
- 10.10-10.30 Oilseed Brassica improvement in China, India and Australia  
**Phil Salisbury**
- 10.30-11.00 MORNING TEA AND POSTERS  
*Sponsored by Nuseed*
- Session 2: *Agronomy for the changing climate***  
Chair: **Rob Norton**
- 11.00-11.15 Canopy management evaluation in Canola 2008  
**Rohan Wardle**
- 11.15-11.30 Dual purpose canola – possibility or pipedream?  
**Jeff McCormick**
- 11.30-11.45 Agronomic performance of new open-pollinated and hybrid canola cultivars to  
time of sowing in Western Australia  
**Mohammad Amjad**

- 11.45-12.00 The impact of Roundup Ready® canola on the Australian Oilseed Industry  
**James Neilsen**
- 12.00-12.15 The potential of winter canola types in the high rainfall zone of southern Australia  
**Penny Riffkin**
- 12.15-1.00 LUNCH & POSTERS  
(Sponsored by ScanBi Diagnostics)

**Session 3: Diseases**

**Chair:** Barbara Howlett (University of Melbourne)

- 1.00-1.30 **Keynote Address**  
“Disease issues - priority research areas in North America”  
**Dilantha Fernando (University of Manitoba)**
- 1.30-1.45 Impact of sclerotinia stem rot on quality of *Brassica juncea*  
**Rajender Singh**
- 1.45-2.00 Comparison of Sclerotinia rot incidence and sclerotial formation in different rapeseed and mustard species  
**Dhiraj Singh**
- 2.00-2.15 Physiological specialization, host resistance and epidemiology of white rust and downy mildew disease complex in rapeseed and mustard – the research scenario in Haryana  
**Raj Kushal**
- 2.15-2.30 Integrated management of Alternaria blight and white rust in Indian mustard  
**Ajit Rathi**
- 2.30-2.45 A *Leptosphaeria biglobosa* 'canadensis' isolate induced resistance in *Brassica juncea* and *Brassica napus* against *Leptosphaeria maculans*  
**Vicki Elliot**
- 2.45-3.15 AFTERNOON TEA  
(Sponsored by Monsanto)

**Session 4: Quality in the changing climate**

**Chair:** Rod Mailer (AOF, NSW DPI)

- 3.15-4.00 **Keynote Address**  
“Changing Oils”  
**Alan Green (CSIRO)**
- 4.00-4.15 High temperature induced changes in antioxidative enzymes in *Brassica juncea*  
**Kamal Dhawan**
- 4.15-4.30 Genetic enhancement in rapeseed- mustard for quality and disease resistance through in vitro techniques  
**Abha Agnihotri**
- 4.30-4.45 Quality and yield of Indian mustard genotypes as influenced by different fertility levels  
**RS Banga**

- 4.45-5.00 Breeding canola quality Indian mustard (*Brassica juncea* L.)  
**Shashi K Banga**
- 5.00-5.15 The effect of sowing time on the yield and quality of canola *Brassica napus* –  
preliminary findings  
**Jan Edwards**
- 5.15-5.20 Conference House Keeping  
**Wayne Burton**
- 6.00 Bus departs for The Boatshed Restaurant, Wendouree
- 6.30 Pre-dinner drinks
- 7.00 Conference Dinner  
*Sponsored by AOF*
- 10.30 Return to Hotel

**WEDNESDAY 16th September**

8.25-8.30 Conference House Keeping  
**Wayne Burton**

**Session 5: *Breeding and Agronomy successes and challenges for the future***

**Chair: Rob Wilson (CAA and Pioneer Hi-Bred)**

8.30-8.45 *Brassica juncea* - critical agronomy factors for the low rainfall zone of western NSW  
**Don McCaffery**

8.45-9.00 Phytohormone induced amelioration of high temperature stress in *Brassica juncea*  
**Madan Lal Chhabra**

9.00-9.15 Heat stress effects on morpho-physiological characters of Indian mustard (*B. juncea* L.)  
**JS Chauhan**

9.15-9.30 Drought induced changes in water use efficiency and other morpho-physiological characters in Indian mustard (*Brassica juncea* L.)  
**Maharaj Singh**

9.30-9.45 *Brassica* shatter-resistance research update  
**Gururaj Kadkol**

9.45-10.00 Comparison of historical canola varieties in Australia  
**Trent Potter**

10.00-10.45 MORNING TEA  
*Sponsored by Pioneer Hi-Bred*

**Session 6: *Hybrid breeding successes and challenges for the future***

**Chair: Greg Buzza (Nuseed)**

10.45-11.00 Heterosis and breeding of high oil content in rapeseed (*Brassica napus* L.)  
**Wang Hanzhong**

11.00-11.15 A promising way to produce *B. napus* hybrid seeds by self-incompatibility pollination mating system  
**Ma Chaozhi**

11.15-11.30 Development of a restorer line for Nsa CMS and molecular marker linked to the fertility restoration  
**Hu Qiong**

11.30-11.45 Considerations on heterosis utilization in rapeseed (*Brassica napus*)  
**Fu Tingdong**

11.45-1.00 LUNCH and POSTER SESSION

**Session 7: *Molecular Breeding for the changing climate***

**Chair: David Luckett (NSW DPI)**

- 1.00-1.15 An alternate procedure for re-synthesis of *Brassica juncea*  
**Surinder Banga**
- 1.15-1.30 Allelic diversity of a novel *Brassica napus* gene pool  
**Sheng Chen**
- 1.30-1.45 Genetic and morphological diversity in the *Brassicaceae* and wild relatives  
**Jacquie Batley**
- 1.45-2.00 Sequencing and re-sequencing *Brassica* genomes  
**Chris Duran**
- 2.00-2.15 Determining frequencies of avirulence alleles in airborne inoculum of *Leptosphaeria maculans* using molecular assays  
**Angela Van de Wouw**
- 2.15-2.30 Towards the application of association genetics to canola breeding  
**Wallace Cowling**
- 2.30-2.45 The Australian Canola Molecular Marker Program-An Update on mapping loci controlling resistance to blackleg in canola  
**Harsh Raman**
- 2.45-3.15 AFTERNOON TEA  
*sponsored by CBWA*

**Session 8: *Diseases and agronomy for the future***

**Chair: Alan Mayfield (GRDC southern Panel)**

- 3.15-3.30 Exploiting fungal genome sequences to develop novel approaches to disease control  
**Barbara Howlett**
- 3.30-3.45 Potential new management strategies for blackleg control  
**Steve Marcroft**
- 3.45-4.00 Search for resistance to *Sclerotinia sclerotiorum* in exotic and indigenous *Brassica* germplasm  
**Pankaj Sharma**
- 4.00-4.15 Long-term analysis of Australian canola variety resistance ratings 2002-2008  
**Aanandini Ganesalingam**
- 4.15-4.30 Better Oilseeds: Getting the message out  
**Felicity Pritchard**
- 4.30-4.45 Closing Address: Award of CBWA prize for Best Student Presentation  
**Wayne Burton**

## POSTER PAPERS

Quantifying the impact of high manganese (Mn) on canola under field conditions

**J. Sergio Moroni**

Variation in Normalized Difference Vegetative Index (NDVI) in canola germplasm

**J. Sergio Moroni**

Measuring 'wilting' and 'pod density' of canola genotypes with an optical sensor unit (GreenSeeker)

**J. Sergio Moroni**

Carbon isotope discrimination in diverse canola germplasm

**J. Sergio Moroni**

Eco-friendly management of Sclerotinia rot in Indian mustard (*Brassica juncea*)

**Arvind Kumar**

Production and confirmation of hybrids through interspecific crossing between tetraploid *B. juncea* and diploid *B. oleracea* towards a hexaploid *Brassica* population

**Shyama R. Weerakoon**

**THURSDAY 17th September**

***CURRENT INDUSTRY MEETINGS***

These are arranged by individuals with the Mercure Hotel Conference Manager: Roswitha Tonkin on (03) 5327 1200

- 8.00am Canola Association of Australia, open to everyone  
Contact Rob Wilson **email:** [robert.wilson@pioneer.com](mailto:robert.wilson@pioneer.com)
- 9.00am NVT working group meeting, Allan Bedggood will send individual invitations but it will be open to whoever wants to attend.  
Contact Alan Bedggood **email:** [alan@acaslimited.com.au](mailto:alan@acaslimited.com.au)
- 10.00am MORNING TEA
- 10.20am Blackleg Paddock Risk Assessment for 2010 season (progress from plan conceived at the Canola Pathology Workshop in March this year), open to everyone.  
Contact Steve Marcroft **email:** [marcroft@bigpond.net.au](mailto:marcroft@bigpond.net.au)
- 11.00am Better Oilseeds advisory meeting, everyone welcome to attend  
Contact Felicity Pritchard **email:** [oilseed@bigpond.net.au](mailto:oilseed@bigpond.net.au)
- 12.00pm LUNCH
- 1.00pm Mandalotus meeting - issues, threats and potential management/research  
Contact Trent Potter **email:** [trent.potter@sa.gov.au](mailto:trent.potter@sa.gov.au)
- 2.00pm FINISH

If you plan to attend any of the above meetings please email the contact person and they will provide you with an agenda