— Presentations —

Prof Bikram Gill, Kansas State University, US

Introgressing genes from tetraploid wheats

Prof John Snape, John Innes Centre, England

Techniques for dissecting the genetic contributions of synthetics to wheat improvement using precise genetic stocks

Prof Mark Sorrells, Cornell University, US

Dominant male-sterile populations for association mapping and introgression of synthetic wheat germplasm

Prof Richard Trethowan, CIMMYT, Mexico

Synthetic hexaploid derivatives improve bread wheat adaptation globally.

Dr Mujeeb Kazi, CIMMYT, Mexico

(to be announced)

Prof Gerald Halloran, University of Melbourne, Australia

Triticum tauschii in the natural and artificial synthesis of hexaploid wheat

Prof Rudi Appels, Murdoch University, Australia

The impact of synthetic wheats in Australia: some early drivers and successes

Prof Peter Langridge, Australian Centre for Plant Functional Genomics

What do technologies at ACPFG have to offer synthetic wheat researchers?

Assoc. Prof Daryl Mares, University of Adelaide, Australia

Synthetics as sources of improved noodle colour and colour stability

Dr Richard Brettell, *GRDC, Australia*

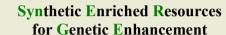
Delivering research benefit to growers - GRDC perspective

Dr Francis Ogbonnaya, SynERGE, Department of Primary Industries Victoria,

Australia

SynERGE - A platform offering improved germplasm, genetic resources and tools to wheat breeders and researchers

Synerge





1st Synthetic Wheat Symposium
September 4 - 6, 2006
Department of Primary Industries – Horsham
Victoria - Australia

— Program —

Organized by: Francis C. Ogbonnaya and Maarten van Ginkel

The theme for the Symposium is "Synthetics for wheat improvement". The theme is centred around constituent ancestral species, genetic diversity, development and utilisation of primary synthetics and synthetic derivatives, resistance/tolerance to biotic/abiotic stress, quality traits, and application in breeding.

Local Organizing Committee

Imtiaz Muhammad, Erica Martin, Jayne Wilson, Jacinta Bull, Kate E. Adams





— Presentations —

Dr Evans Lagudah, CSIRO, Australia

Synthetic hexaploids: potential and realities

Dr Russell Eastwood, Australian Grain Technology

Experiences with synthetics in a commercial wheat breeding program.

Dr John Thompson, Primary Industries Queensland, Australia

Resistance to root-lesion nematodes from synthetic hexaploid wheats

Dr Harbans Bariana, The University of Sydney, Australia

Diversity of rust resistance in synthetic hexaploids

Dr FernandaDreccer, CSIRO Queensland, Australia

Physiology of drought adaptive traits in synthetic wheats

Dr Kolumbina Mrva, University of Adelaide, Australia

Late maturity alpha-amylase (LMA) in synthetic wheats

Dr Yuri Shavrukov, Australian Centre for Plant Functional Genomics

Screening for sodium exclusion and preparation of parental lines for crossing to reconstruct synthetic wheat

Dr. Tony Gregson, "Farmer"

Invited guest speaker at the conference dinner

General Information —

The conference welcome reception will be held on Sunday, September 3, 2006 at 5.00-7.00 p.m. Conference days will begin at 8:30 am each morning and end at 5:00 pm each afternoon. The conference dinner on Tuesday, September 5, will begin at 7:00 p.m. The conference will be concluded on Wednesday, September 6 at 1.00 pm. A detailed program will be distributed at registration.

Location

All program sessions of the Symposium will be held at the Grains Innovation Park, Horsham. Horsham is approximately 300 km (3-1/2 hours by car) from the Melbourne Airport and 450 km (4-1/2 hours) from Adelaide.

Accommodations

Rooms are being held for conference participants at the following motels. Reservations should be made before August 15, 2006 to receive the discounted rate. Attendees should make their own arrangements with the motel, specifying that they are part of the Synthetic Wheat Symposium group.

Interested in Shared Accommodation:

Contact Kate Adams, if you are interested in sharing a room with another participant. She will provide you with a list of other participants who have requested similar information.

Motels	Single	Double	Breakfast	Internet	Comments
Comfort Inn Capital 109 Firebrace St Phone: +61 03 53 82 0125`	\$90	\$98	Yes	Broad- band	Restaurant, Downtown
Comfort Inn Townhouse 31 Roberts Ave Phone: +61 03 5382 4691	\$98	\$112	Yes	Wireless	Downtown
Country City Motor Inn 11 O'Callaghans Parade Phone: +61 03 53 82 5644	\$93	\$102	Yes	Wireless	Downtown
- Deluxe room	\$116				
- Executive room with spa	\$130				

Registration

Registration will begin at 8:30 am on Monday, September 4, 2006 and will continue till 10.00 am. No registration fee will be charged.

Conference Dinner

There will be no charge for the conference dinner on Tuesday, September 5, 2006.

Field Trip

The field trip will take participants to the plant breeding centre Horsham, on the afternoon of September 5, 2006, where synthetic wheat trials are grown to evaluate traits such as yield, drought, pre-harvest sprouting, salinity and diseases.

Transportation

Limited morning and evening shuttle service will be provided from the motel to the Symposium venue (Grains Innovation Park).

Travel Information

Transportation to Horsham

Detailed information on how to rent a car, catch a bus from Melbourne to Horsham or from Adelaide to Horsham can be obtained from Kate Adams at the email address listed below. Alternatively information is also available at:

http://www.viclink.com.au, www.fireflyexpress.com.au, http://www.avis.com.au, http://www.budget.com.au

Sponsorships

There are no scholarships available for participants to attend the symposium.

For Additional Program Information Contact:

Imtiaz Muhammad

1st Synthetic Wheat Symposium

Department of Primary Industries, Grains Innovation Park

PB 260, HORSHAM VIC 3401 AUSTRALIA

Telephone: (+61) 3 5362 2122, Fax: (+61) 3 5362 2187

E-mail: Muhammad.Imtiaz@dpi.vic.gov.au

For Information Regarding Registration, Accommodation or Transportation Contact:

Kate Adams

1st Synthetic Wheat Symposium

Department of Primary Industries, Grains Innovation Park

PB 260. HORSHAM VIC 3401 AUSTRALIA Phone: +61 3 5362 2372 Fax: +61 03 5362 2187

— Registration Form —

Please print or type one name per form

PERSONAL DETAILS

Title		
	Surname	
(Preferred name for name badge	e)	
Organisation		
Address		
CityState	Postcode	
Country		
Phone (Office)	Fax (Office)	
Email		
Special Requests (eg dietary rec	quirements, disability etc)	
Number of additional accompar	nying person (s) for conference dinner:	
Please send the registration form	n to kate.e.adams@dpi.vic.gov.au.	

The deadline for registration is June 30, 2006.

Send the electronic copy of your presentation abstracts to: Muhammad.Imtiaz@dpi.vic.gov.au on or before June 30