



7th International Safflower Conference

WAGGA WAGGA AUSTRALIA

Sunday 2nd November	
5.30pm	Welcome Reception Mixer and Conference Registration <i>Riverine Club</i>
Monday 3rd November	
8.00 am- 6.00 pm	Conference Tour
6.00 pm	Post-tour BBQ <i>Wagga Wagga RSL Golf Club</i>

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Charles Sturt University and NSW Department of Primary Industries





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Tuesday 4th November	
8.00-8.30	Registration
8.30-8.45	Welcome and Official Conference Opening, Robert Green President Australian Oilseeds Federation
8.45-9.00	Address from International Committee Representative, Enver Esendal, Turkey
9.00-9.15	Address from Conference Chairperson, Sue Knights
9.15- 9.45	Keynote Agronomy John Gilbert, Adams Vegetable Oils, USA <i>International safflower production: an overview</i> Chair: Chris Blanchard, GRDC
9.45-10.15	Keynote Agronomy Nandini Nimbkar, Nimbkar Agricultural Research Institute, India <i>Issues in safflower production in India</i>
10.15-10.45	Morning Tea
10.45-11.05	Agronomy 1 David Jochinke, Grower, Australia <i>Growing safflower in Australia: Part 1- History, experiences and current constraints on production</i> Chair: Trent Potter, SARDI
11.05- 11.25	Agronomy 1 Nick Wachsmann, Longerenong College, Australia <i>Growing safflower in Australia: Part 2- Recent agronomic research and suggestions to increase production levels</i>
11.25-12.00	Discussion
12.00-12.45	Lunch
12.45-1.45	Poster Session 1 Agronomy/End Use/Oil Quality International Germplasm Committee Meeting Chair: Richard Johnson, USA
1.45-2.05	End Use 1 Burhan Arslan, University of Namik Kemal, Turkey, <i>Feeding and agronomic value of field pea-safflower mixtures</i> Chair: Bronwen MacLean, GRDC
2.05-2.25	End Use 1 Antonio Corleto, Bari University, Italy <i>The effect of harvest date on the yield and forage quality of ensiling safflower biomass</i>
2.25-2.45	End Use 1 Fikret Akinederm, University of Selçuk, Turkey <i>Safflower in Turkey and biodiesel quality of safflower oil</i>
2.45-3.00	Discussion
3.00-3.30	Afternoon Tea and Melbourne Cup
3.30-3.50	Quality I.Y.L.N. Murthy, Directorate of Oilseeds Research, India <i>Fatty acid composition in <i>Carthamus species</i></i> Chair: Bill Slattery, Devexco International, Pty Ltd
3.50-4.10	Quality Rod Mailer, NSW Department of Primary Industry, Australia <i>Quality evaluation of safflower cultivars</i>
4.10-4.30	Agronomy 2 D.M. Hegde, Directorate of Oilseeds Research, India <i>Sulphur fertilization for safflower in different soil types in India</i>
4.30-4.50	Agronomy 2 Sui-Kwong Yau, American University of Beirut, Lebanon <i>No till, N fertilization on performance of safflower</i>
4.50.5.10	Agronomy 2 Joyce Eckhoff, Montana State University, USA <i>Nitrate N in soil and ground water under irrigated crops in the United States Northern Great Plains</i>
5.10-5.25	Discussion



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<u>Wednesday 5th November Joint Australian Oilseeds Federation Forum</u>	
8.00-8.30	Registration
8.30-9.10	Keynote Marketing Lorin DeBonte, Cargil Inc., USA <i>Global supply of vegetable oils: Is our supply at risk?</i> Chair: Ian Mack, Adams Australia
9.10-9.40	Keynote Marketing David Hoffsten, Adams Vegetable Oils, USA <i>Safflower: the oil for the millennium</i>
9.40-10.10	Keynote Marketing Nitin Kathuria, Marico Limited, India <i>Safflower markets in India</i>
10.10-10.40	Morning Tea
10.40-11.20	Keynote Biotechnology Sujatha Mulpuri, Directorate of Oilseeds Research, India <i>Biotechnological interventions for genetic improvement of safflower</i> Chair: Allan Green, CSIRO
11.20-11.40	Biotechnology 1 Allan Good, University of Alberta, Canada <i>Genetic linkage maps of Carthamus species based on SSR and RFLP markers.</i>
11.40-12.00	Biotechnology 1 Peter Wenzel, Diversity Arrays P/L, Australia <i>Diversity Arrays Technology (DART): A generic high-density genotyping platform</i>
12.00-12.20	Biotechnology 1 Leonardo Velasco, Institute for Sustainable Agriculture, Spain <i>Transferability of sunflower microsatellite markers to safflower</i>
12.20-1.00	Lunch
1.00-2.00	Poster Session 2: Breeding/Pathology
2.00-2.20	End Use 2 Allan Green, CSIRO, Australia <i>Reverse engineering of novel industrial fatty acids in seed oils</i> Chair: Helen Jones, Goodman Fielder
2.20-2.40	End Use 2 Jerald Bergman, Montana State University, USA <i>Evaluation of safflower and other oilseed crops grown in the United States Northern Plains Region for biofuels/biobased products</i>
2.40-3.00	End Use 2 I. Swarnalatha Devi, ANGRAU, India <i>Biofortification of safflower oil with gamma linolenic acid through transgenic approach using delta -6 - desaturase gene from Borago officinalis</i>
3.00-3.30	Afternoon Tea
3.30-3.50	Agronomy 3 Enver Esendal, Namik Kemal University, Turkey <i>Effect of water stress on growth components of winter safflower</i> Chair: Trent Potter, SARDI
3.50-4.10	Agronomy 3 Abdelghani Nabloussi, INRA, Morocco <i>Agronomic and technological evaluation of a world safflower collection in Moroccan conditions</i>
4.10-4.30	Agronomy 3 Carsten Reinbrecht, Pflanzenzucht SaKa GbR, Germany <i>Overwintering behaviour of 56 safflower genotypes under the conditions of Northeastern Germany in 2006/2007</i>
4.30-4.50	Agronomy 3 Steve Oswalt, Texas Tech University, USA <i>Development of Safflower as a New Winter Crop for the Texas High Plains</i>



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Thursday 6 th November	
8.30-9.10	Keynote Breeding Hans-Henning Mundel, Canada <i>Major achievements in safflower breeding and future challenges.</i> Chair: Sue Knights, SE Knights Consulting
9.10-9.30	Breeding Nandini Nimbkar, Nimbkar Agricultural Research Institute, India <i>Breeding strategy for improvement of flower and seed yields in safflower</i>
9.30-9.50	Breeding Leonardo Velasco, Institute for Sustainable Agriculture, Spain <i>Inheritance of very high oleic acid content and its relationship with several morphological and physiological traits</i>
9.50-10.10	Breeding P.B. Ghorpade, All India Coordinated Research Project on Linseed, India <i>Inheritance of genetic male sterility and evaluation of newly developed male sterile lines in safflower</i>
10.10-10.30	Breeding V. Rudra Naik, University of Agricultural Sciences, India <i>Selection strategy for yield improvement in safflower involving spiny and nonspiny types</i>
10.30-11.00	Morning Tea
11.00-11.40	Keynote Germplasm Richard Johnson, USDA-Agricultural Research Service, USA <i>Safflower germplasm: past, present, and future</i> Chair : Rod Mailer, NSW DPI
11.40-12.00	Germplasm Nidarmaty Mukta, Directorate of Oilseeds Research, India <i>Safflower genetic resources in India - an overview</i>
12.00-1.00	International R&D Forum Chair: Jerald Bergman, USA
1.00-1.45	Lunch
1.45-2.05	Biotechnology 2 R.L.Ravikumar, University of Agricultural Sciences, India <i>Molecular diversity in Carthamus species and development of inter-specific mapping population towards the development of the first molecular map in safflower.</i> Chair: Geoff Black, Cootamundra Oilseeds Pty Ltd
2.05-2.25	Biotechnology 2 Anjani Kammili, Directorate of Oilseeds Research, India <i>Development of an effective cytoplasmic genetic male sterility system through conventional breeding in safflower in India</i>
2.30-2.50	Biotechnology 2 V. Dinesh Kumar, Directorate of Oilseeds Research, India <i>Development of gene constructs for induction of male sterility and restoration of fertility in safflower</i>
2.50-3.05	Afternoon Tea
3.05-3.25	Pathology Jerald Bergman, Montana State University, USA <i>Comparison of safflower fungicide seed treatments</i> Chair: Sue Knights, SE Knights Consulting
3.25-3.45	Pathology R.H. Patil, University of Agricultural Sciences, India <i>Influence of crop phenology on population dynamics of aphid, Uroleucon compositae, Theobald and its predators</i>
3.45-4.05	Pathology Arun Pandey, University Department of Botany, India <i>Pollination ecology of safflower</i>
4.05-4.30	Discussion and Conference Close