



THE FERTILIZER SOCIETY OF SOUTH AFRICA
&
INTERNATIONAL ZINC ASSOCIATION OF SOUTHERN AFRICA



COMBINED SYMPOSIUM

26 & 27 AUGUST 2010
CSIR International Convention Centre, Pretoria

PRELIMINARY PROGRAMME

THEME: FERTILIZERS, FOOD PRODUCTION AND HUMAN HEALTH

THURSDAY, 26 AUGUST 2010

FIRST SESSION: CHAIRMAN, DR GERT VAN DER LINDE

- 08:15-09:00 REGISTRATION
- 09:00-09:10 WELCOME: *Dr Gert van der Linde, Director, FSSA*
- 09:10-09:40 EFFECT OF MINERAL NUTRITION ON PROTEIN QUALITY
Prof Glenn McDonald, University of Adelaide, Australia
- 09:40-09:50 *Discussion*
- 09:50-10:20 THE GOOD, THE BAD AND THE ESSENTIALS OF HEAVY METALS
Prof Mike McLaughlin, Centre for Environmental Contaminants Research, CSIRO, Australia
- 10:20-10:30 *Discussion*
- 10:30-11:00 **TEA/COFFEE**
- 11:00-11:30 THE EFFECT OF POTASSIUM AND MAGNESIUM IN THE ENHANCEMENT OF WATER USE UNDER DRY CONDITIONS
Prof Andreas Gransee, K+S Kali-GmbH, Germany
- 11:30-11:40 *Discussion*
- 11:40-12:10 THE IMPORTANCE OF RESEARCH IN AGRICULTURE TO ENSURE FOOD SECURITY IN SOUTH AFRICA
Grain SA (speaker to be confirmed)
- 12:10-12:20 *Discussion*
- 12:20-12:50 DEVELOPMENTS OF NEW MAIZE AND WHEAT CULTIVARS
Wally Green, Crop & Plant Biotechnology Services (CPBios)
- 12:50-13:00 *Discussion*
- 13:00-14:00 **LUNCH (cash bar)**

SECOND SESSION: CHAIRMAN, HANRO SWART

- 14:00-14:30 ZINC FERTILIZATION AND ZINC AVAILABILITY IN SOILS
Prof Glenn McDonald, Australia
- 14:30-15:00 INTRODUCTION TO GLOBAL ZINC FERTILIZER PROJECTS
Prof Ismail Cakmak, Sabanci University, Turkey
- 15:00-15:30 ZINC SULPHATE APPLICATIONS IN SOUTH AFRICA – OPPORTUNITY TO UNLOCK VALUE FOR SOUTH AFRICAN AGRICULTURE
André Immelman, Zinchem a Division of Zinco Group (Pty) Ltd
- 15:30-16:00 SPENT ZINC USE FOR FARM GARDENS – A UNIQUE CASE STUDY
Rolf Papsdorf, Alternative Energy Development Corporation (AEDC)
- 16:00-16:15 **DISCUSSION AND QUESTIONS**
- 16:15-17:30 **SNACKS/COCKTAILS (cash bar available)**

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FRIDAY, 27 AUGUST 2010

FIRST SESSION: CHAIRMAN, ROB WHITE

- 08:15-09:00** **REGISTRATION**
- 09:00-09:10** **WELCOME:** *Rob White, IZASA*
- 09:10-09:40** **INTERNATIONAL ZINC ASSOCIATION ACTIVITIES RELATED TO HUMAN HEALTH AND AGRICULTURE**
Dr Andrew Green, International Zinc Association (IZA), USA
- 09:40-09:50** *Discussion*
- 09:50-10:20** **ACHIEVING THE MILLENNIUM GOALS FOR AGRICULTURE – PROGRESS AND CHALLENGES**
Dr Maria Wanzala, NEPAD
- 10:20-10:30** *Discussion*
- 10:30-11:00** **TEA/COFFEE**
- 11:00-11:30** **LESSONS LEARNT TOWARDS SUSTAINABLE FOOD FORTIFICATION**
Dr Lynn Moeng, Department of Health
- 11:30-11:40** *Discussion*
- 11:40-12:10** **BIOFORTIFICATION OF FOODS WITH MICRONUTRIENTS**
Prof Martin Broadley, University of Nottingham, United Kingdom
- 12:10-12:20** *Discussion*
- 12:20-12:50** **FLOUR FORTIFICATION IN SOUTH AFRICA**
Jannie de Villiers, Grain Milling
- 12:50-1300** *Discussion*
- 13:00-14:00** **LUNCH** (*Cash bar available*)

SECOND SESSION: CHAIRMAN, ROB WHITE

- 14:00-14:30** **COMMUNICATION OF AGRICULTURAL INFORMATION IN RURAL COMMUNITIES**
Dion Jerling, Connect Africa (speaker to be confirmed)
- 14:30-14:40** *Discussion*
- 14:40-15:10** **UNICEF AND ZINC INITIATIVES**
Dr Joan Matji, UNICEF
- 15:10-15:20** *Discussion*
- 15:20-15:50** **THE ROLE OF ZINC IN REDUCING CHILD MORTALITY FROM DIARRHOEA**
Dr Lesley Bamford, Department Health, SA
- 15:50-16:00** **CLOSE**