

MONDAY 18 JANUARY 2010	
15:00 - 18:00	Registration (Eeufees Hall, UFS Main Campus)
18:00	Welcome Function (Eeufees Hall, UFS Main Campus)

TUESDAY 19 JANUARY 2010	
07:30 - 08:30	Registration (UFS South Campus)
Plenary Session (A3)	
08:30 - 08:40	Welcome - Prof CW van Huyssteen (Chairman: Local Organising Committee)
08:40 - 09:00	Opening address - Prof JJ Jansen (Rector and vice-chancellor of UFS)
09:00 - 09:40	Keynote Address - Jozef van Assche: OPPORTUNITIES FOR HORTICULTURE AND HORTICULTURAL SCIENCE IN A GLOBAL CONTEXT
09:40 - 10:20	Keynote Address - Geoff Inman-Bamber: MORE SUGAR WITH LESS WATER IN THE AUSTRALIAN SUGAR INDUSTRY
10:20 - 10:50	TEA
10:50 - 11:30	Keynote Address - Prof ATP Bennie: ADVANCES IN SOIL AND WATER MANAGEMENT FOR SUSTAINABLE CROP PRODUCTION IN SOUTHERN AFRICA
11:30 - 12:10	Keynote Address - Dr Steve Duke: THE IMPORTANCE AND FUTURE OF WEED SCIENCE
12:10 - 12:20	Announcements - Prof CW van Huyssteen
12:20 - 13:30	LUNCH (Arena)

Session 1 - Tuesday 19 January 2010			
Venue	Soils (A1)	Agronomy (A2)	Horticulture (A4)
Chairperson	Dr Rianto van Antwerpen	Dr Andre Nel	Dr Nicky Taylor
Subject	Soil Chemistry & Biology	Crop Breeding & Nutrition	Hort Biotechnology, Breeding & Development
	Weed Science (A5)		Weed Science
13:30 - 13:50	p25. THE EFFECT OF CHICKEN MANURE ON SOILS CHEMICAL PROPERTIES IN SELECTED SOIL TYPES IN BOTSWANA - Oagile Dikinya	p67. A VARIETY SELECTION DECISION SUPPORT SYSTEM FOR SUGARCANE BASED ON GENOTYPE-BY-ENVIRONMENT ANALYSES - Samesh Ramburan	p29. PHYSICAL, BIOCHEMICAL AND MOLECULAR METHODS FOR THE IDENTIFICATION OF HYBRID EMBRYOS DERIVED FROM CONTROLLED POLY-EMBRYONIC CITRUS ROOTSTOCK CROSSES - Karim Hannweg
13:50 - 14:10	p30. CHARACTERISATION OF RAW AND CHEMICALLY OXIDISED BIOCHAR FOR USE AS A SOIL AMENDMENT - Ailsa Hardie	p23. A BREEDING PROGRAM TO ENHANCE MAIZE RESISTANCE TO BIOTIC STRESS: I. NORTHERN CORN LEAF BLIGHT RESISTANCE IN TROPICAL INBREDS - John Derera	p73. DEVELOPMENT OF A STANDARD SET OF MICROSATELLITE MARKERS FOR THE IDENTIFICATION OF GUAVA CULTIVARS AND SELECTIONS - Anita Severn-Ellis
14:10 - 14:30	p53. PRECISION MANURE MANAGEMENT ACROSS SITE-SPECIFIC MANAGEMENT ZONES: SURFACE SOIL AND ENVIRONMENT QUALITY - Matsiwene Moshia	p85. GENETIC ANALYSIS OF DOUGH MIXING STRENGTH AND BREAD-MAKING PROPERTIES OF THE HARD RED SPRING WHEAT BREEDING LINES MN98550 AND MN99394 - Toi Tsilo	p45. EFFICACY OF INSECTICIDES AGAINST THE POTATO TUBER MOTH (<i>Phthorimaea operculella</i>) - Themblisa Majola
14:30 - 14:50	p18. FARMERS' SOIL FERTILITY PERCEPTION AND ASSESSMENT IN EZIGENI AND OGAGWINI VILLAGES, KWAZULU-NATAL, SOUTH AFRICA - Nkosinomusa Buthelezi	p77. MODELLING CROP GROWTH AND CROP WATER RELATIONS IN SOUTH AFRICA: PAST ACHIEVEMENTS AND LESSONS FOR THE FUTURE - Abraham Singels	p144. PRELIMINARY EVALUATION OF RESIDUAL HERBICIDES FOR CONTROL OF SILVER-LEAF BITTER APPLE (<i>Solanum elaeagnifolium</i> Cav.) - Ben Viljoen
14:50 - 14:55	p105. MICROBIAL BIOMASS IN RECLAIMED SOILS FOLLOWING COAL MINING IN VIRGINIA, USA - Hannah Clayton	p120. GENOTYPE BY ENVIRONMENT INTERACTION AMONG SELECTED SOYBEAN CULTIVARS FOR SEED YIELD AND MODULE FORMATION - Tshepo Gordene Magagane	p119. HERBICIDE APPLICATION RATE AFFECT THE CONTROL OF THREE ANNUAL WEED SPECIES - Komnani Liphadzi
14:55 - 15:00	p142. PRELIMINARY INVESTIGATION OF YEAST DIVERSITY IN MAIZE PRODUCING SOILS - Owen Rhode	p116. IRRIGATION FREQUENCY AND PHOSPHATE APPLICATION RATE OF HYDROPONICALLY GROWN TOMATOES - Estelle Kempen	p117. EFFECTS OF FIVE MANAGEMENT PRACTICES ON WEED SPECTRUM IN A CHARDONNAY 99 RICHTER VINEYARD - Gloria Kutama
15:00 - 15:05	p127. AN ASSESSMENT OF ARBUSCULAR MYCORRHIZAL (AM) FUNGI IN APPLE ORCHARDS OF THE WESTERN CAPE: A PRELIMINARY INVESTIGATION - André Meyer	p125. PLANT GROWTH AND PROLINE ACCUMULATION IN WILD MUSTARD GERMINAL PLASMS SUBJECTED TO WATER STRESS - Thobile Mbatha	p136. THE INFLUENCE OF VARIOUS ADJUVANTS ON BIPYRIDYL IUM HERBICIDE EFFICACY - Heslia Nienaber
15:05 - 15:35			p133. INTERACTION OF HERBICIDE CHOICE AND RATE BASED ON WEED SPECIES AND DENSITY - Alfiheli Ndou
			p132. INVESTIGATING THE ROLE OF MANGANESE IN GLYPHOSATE SUSCEPTIBILITY OF TWO RYEGRASS (<i>Lolium</i> spp.) POPULATIONS BY MEANS OF A PETRI DISH METHOD - Chwayita Ncedana

TEA

Session 2 - Tuesday 19 January 2010			
Venue	Soils (A1)	Agronomy (A2)	Horticulture (A4)
Chairperson	André Meyer	Dr Abraham Singels	Mark Penier
Subject	Soil Fertility & Biology	Crop Nutrition	Horticulture Nutrition & Water Management
15:35 - 15:55	p97. ASSESSING SOIL ORGANIC CARBON (SOC) CHANGES BY MEANS OF THE HOT WATER EXTRACTABLE CARBON (HWEC) FRACTION - Amnet Weigel	p88. LABORATORY AND RAPID FIELD PROCEDURE TO CALIBRATE EC-10 AND EC-20 CAPACITANCE SENSORS IN COIR - Rylie van der Westhuizen	p26. INTEGRATING HYPERSPECTRAL AND PHYSIOLOGICAL DATA TO DETERMINE THE WATER STATUS OF SATSUMA MANDARIN TREES - Sebinasi Dziki
15:55 - 16:15	p75. SOIL CHEMICAL CHARACTERIZATION IN CONTRASTING CROPPING SYSTEMS UNDER LAND REFORM PROGRAMME IN ZIMBABWE - Munaasho Shoko	p7. PREDICTING N-MINERALIZATION IN SOIL OF THE WESTERN CAPE WHEAT PRODUCING AREA - André Agenbag	p68. EFFECTS OF SILICON ON QUALITY AND MALONDIALDEHYDE CONTENT OF CUT ROSE (<i>Rosa x Hybrida</i> L.) cv. HOT LADY UNDER SALT STRESS - Saeed Reezi
16:15 - 16:35	p50. RESPONSE OF <i>Amaranthus tricolor</i> , <i>Cleome gynandra</i> AND <i>Brassica rapa</i> TO FERTILIZER APPLICATION - Pulane Modisane	p9. PRUDENT USE OF MUNICIPAL SLUDGE FOR AGRICULTURAL PRODUCTION - John Annandale	p37. BASELINING THE NUTRIENT ELEMENTS OF <i>Mimosaops zeyheri</i> UNDER NATURAL CONDITIONS - Charlotte Ledwaba
16:35 - 16:55	p36. COMPARISON OF THE DEGREE OF WATER SATURATION OF SELECTED DIAGNOSTIC HORIZONS IN THE CATHEDRAL PEAK VI AND WEATHERLEY CATCHMENTS - Bataung Kueneke	p80. NITROGEN BASED SLUDGE LAND APPLICATION IN AGRONOMIC CROPS: AGRONOMIC AND ENVIRONMENTAL IMPLICATIONS - Ejob Tesfamariam	p13. HIGH TEMPERATURE EFFECTS ON VEGETATIVE AND REPRODUCTIVE PHYSIOLOGY OF <i>Protea</i> CV. PINK ICE - Eugenie-Lien Bezuidenhout
16:55 - 17:00	p126. MYCORRHIZAL ROOT COLONISATION AND MICROBIAL ENZYME ACTIVITY AS AFFECTED BY DIFFERENT SOIL CULTIVATION PRACTICES IN AN APPLE ORCHARD SOIL - André Meyer	p123. DRY BEAN VARIETY EVALUATION IN THE LIMPOPO PROVINCE - Rudzani Mathobo	p111. PRELIMINARY STUDIES ON THE UPTAKE OF COMMERCIAL POST HARVEST PRODUCTS BY GERBERA MAXI CULTIVAR 'OPTIMA' - Kairin Hammweg
17:00 - 17:05	p114. TRENDS IN SOIL NUTRIENT STATUS OF CROPPED SOILS IN LOW EXTERNAL INPUT FARMING SYSTEMS OF THE EASTERN CAPE PROVINCE - Geinuhlanga Goodman Jezile	p115. EFFECT OF PLANT POPULATION, ROW SPACING AND NITROGEN APPLICATION RATES ON KENAF PRODUCTION - Kabeya Polydor Kayembe	p112. TOWARDS IMPROVING LONGEVITY OF CUT <i>Lilium</i> 'ACAPULCO' - Lynn Hoffman
19:00	BRAAI (Monte Bello)		

Session 3 - Wednesday 20 January 2010			
Venue	Soils (A1)	Agronomy (A2)	Horticulture (A4)
Chairperson	Kimberly Smith	Dr John Tolmay	Prof John Bower
Subject	Soil Genesis & Classification	Crop Nutrition	Hort Physiology, Post-harvest biology & Technology
08:30 - 08:50	p94. PREDICTING STREAMFLOW FROM THE SOIL MAP IN THE WEATHERLEY CATCHMENT - Johan van Tol	p61. GROWTH AND YIELD RESPONSE OF CASSAVA (<i>Manihot esculenta</i>) CRANTZ TO ORGANIC AND INORGANIC FERTILIZER - Nisako Ngobeni	p12. CARBOHYDRATE PATTERNS PRESENT DURING THE ONTOGENETIC DEVELOPMENT OF HASS AVOCADO - Isa Bertling
08:50 - 09:10	p95. SOIL EROSION ON A TOPO-SEQUENCE IN MAPHUTSENG, LESOTHO - George van Zijl	p72. EFFECTS OF PHOSPHATE LEVELS ON ROSE GERANIUMS (<i>Perlagonium graveolens</i>) PRODUCTION - Moosa Sedibe	p81. CATECHIN AND EPICATECHIN PHENOLICS IN HASS AVOCADO TISSUES - SZ Tesfay
09:10 - 09:30	p78. TECHNOLOGY APPLICATION CASE STUDY: USING 3DMAPPER™ FOR SOIL SURVEY ANALYSIS NEAR BREYTON IN MPUMALANGA - Hendrik Smith	p5. WHEAT PRODUCTION IN THE WESTERN CAPE USING A FERTILIZER COATED WITH K-HUMATE & MICRONUTRIENTS - Megan A Bear	p21. POSTHARVEST PIGMENT AND CARBOHYDRATE CHANGES IN RELATION TO THE INCIDENCE OF RIND BREAKDOWN OF 'NULES CLEMENTINE' MANDARIN FRUIT - Paul Cronje
09:30 - 09:50	p87. THE NATURE OF AEOLIAN DEPOSITS IN THE SOUTH WESTERN FREE STATE - Riaan van der Merwe	p79. EMMER AS A SOURCE OF IMPROVED WATER USE EFFICIENCY FOR WHEAT - Debbie Sparkes	p31. EFFECT OF FERMENTATION TEMPERATURE AND TIME ON CHEMICAL COMPOSITION OF BUSH TEA (<i>Atractia pty/ty/codes</i>) - Linda Hlahla
09:50 - 10:10	p90. SOIL MAPPING IN AFRICA AT THE CROSSROADS: WORK TO MAKE UP LOST GROUND - Pieterie Roux	p40. CAN HYDROPRIMING IMPROVE GERMINATION SPEED, VIGOUR AND EMERGENCE OF MAIZE LANDRACES UNDER WATER STRESS? - Tafadzwanashe Mabhaudhi	p76. THE EFFECT OF METHYL JASMONATE AND SALICYLIC ACID ON CHILLING INJURY OF 'EUREKA' LEMONS - Xolani Sibozo
10:10 - 10:45	TEA		

Session 4 - Wednesday 20 January 2010			
Venue	Soils (A1)	Agronomy (A2)	Horticulture (A4)
Chairperson	Dr. Eduard Hoffman	James Alleman	Karin Hennweg
Subject	Soil Physics	Crop Production	Horticulture Post-harvest biology & Technology
10:45 - 11:05	p20. GEOPHYSICS FOR GROWTH THE LATEST IN SOIL & CROP SCIENCE GEOPHYSICS: WHAT CAN IT DO FOR YOU? - Nigel Cassidy	p83. THE INFLUENCE OF PLANTING DENSITY ON GRAIN YIELD AND QUALITY OF SPRING WHEAT CULTIVARS UNDER IRRIGATION - John Tolmay	p82. CHILLING INJURY IN 'EUREKA' LEMONS: COULD POLYAMINES REDUCE THE INCIDENCE? - Pieter Jordaan
11:05 - 11:25	p86. ESTIMATING LEACHING LOSSES FROM MOBILE AND IMMOBILE SOIL WATER NITRATE CONCENTRATIONS - Michael van der Laan	p60. YIELD OF IRRIGATED WINTER AND SUMMER GRAIN CROPS AS AFFECTED BY CROP ROTATION - André Nel	p83. EFFECT OF SILICON APPLICATION ON 'HASS' AVOCADO FRUIT PHYSIOLOGY - Kamukota Kaluwa
11:25 - 11:45	p88. INFLUENCE OF RAINFALL INTENSITY PATTERNS ON INFILTRATION AND RUNOFF UNDER IN-FIELD RAINWATER HARVESTING - Mussie Ghebrebrhan Zerzgyh	p52. EVALUATION OF NITROGEN LEVELS AND PLANTING DATES ON COTTON CULTIVARS (<i>Gossypium</i> spp.) IN THE EASTERN CAPE PROVINCE, SOUTH AFRICA - ML Mokoena	p89. INTERACTION BETWEEN AVOCADO FRUIT MATURITY, 1-METHYLCYCLOPROPENE APPLICATION RATE, STORAGE TEMPERATURE AND STORAGE PERIOD ON THE QUALITY OF 'FUERTE' AND 'HASS' AVOCADO FRUIT - Nicolaas Roets
11:45 - 12:05	p92. ESTIMATING THE SPATIAL DISTRIBUTION OF PROFILE AVAILABLE WATER CAPACITY AND SOIL WETNESS IN A COMMERCIAL CROP LAND USING THE EM38 - Leon van Rensburg	p47. YIELD AND QUALITY RESPONSES OF TOMATO CULTIVARS UNDER ORGANIC FERTILIZATION USING FULLY DECOMPOSED CATTLE MANURE - Koena Gideon Maleka	p84. AVENUES FOR IMPROVING PROFITABILITY IN THE 'BEAUMONT' MACADAMIA CULTIVAR - Mark Penler
12:05 - 12:25	p48. THE EFFECT OF RUNOFF STRIP WIDTH OF IN-FIELD RAINWATER HARVESTING ON MAIZE PRODUCTION UNDER VARYING SOIL WATER REGIMES - Sabelo Mavimbela	p70. TUFA, A NEW GROUNDNUT CULTIVAR IN SOUTH AFRICA - Loureine Salomon	p43. THE EFFECT OF IRON SUPPLEMENTS ON THE POSTHARVEST CHILLING INJURY DISORDER OF AVOCADO FRUIT - Lembe Magwaza
12:25 - 13:30	LUNCH		
13:30 - 17:00	Mid congress tours		
Session 5 - Thursday 21 January 2010			
Venue	Soils (A1)	Agronomy (A2)	Horticulture (A4)
Chairperson	Dr. Eyob Tesfemariam	Dr Debbie Sparkes	Dr Paul Cronje
Subject	Soil Physics	Crop Production	Horticulture Post-harvest biology & Technology
08:30 - 08:50	p15. HYDRAULIC PROPERTIES OF A HUTTON SOIL PROFILE IN THE SOUTH-WESTERN FREE STATE - Darren Bouwer	p46. EVALUATION AND SELECTION OF 20 SORGHUM [<i>Sorghum bicolor</i> (L.) MOENCH] GENOTYPES FOR DROUGHT TOLERANCE: RESPONSE OF GRAIN YIELD, HARVEST INDEX AND 1000 SEED MASS TO DROUGHT STRESS - Thirfinidulwi Malala	p16. EFFECT OF LIGHT AND PACKAGING ON SHELF LIFE OF FRESH-CUT SWEET BASIL AND ROSEMARY - John Bower
08:50 - 09:10	p14. MECHANIZATION OF THE IN-FIELD RAINWATER HARVESTING TECHNIQUE: A CASE STUDY AT PARADYS EXPERIMENTAL FARM - Ian Bothma	p66. ALLELOPATHIC EFFECTS OF <i>Amaranthus</i> - Gerhard Pritsloo	p39. LOW TEMPERATURE SHIPPING AND COLD CHAIN MANAGEMENT OF 'FUERTE' AVOCADOS: AN OPPORTUNITY TO REDUCE SHIPPING COSTS - André Lutge
09:10 - 09:30	p74. MONITORING OF RANGELAND QUALITY BY MEANS OF LOW ALTITUDE REMOTE SENSING - Parvin Shaker	p82. TOMATO SEEDLING HEALTH AND DEVELOPMENT AS INFLUENCED BY TRICHODERMA AND MYCORRHIZA APPLICATION - Bombiti Nzanzza	p34. LOW TEMPERATURE SHIPPING AND COLD CHAIN MANAGEMENT OF 'HASS' AVOCADOS: AN OPPORTUNITY TO REDUCE SHIPPING COSTS - Richard Kok
09:30 - 09:50	p24. SOIL INFORMATION AND EDUCATION FOR A SUSTAINABLE MANAGEMENT: THE SOIL ATLAS OF AFRICA - Pieter le Roux	p51. WATER USE EFFICIENCY OF FOUR AFRICAN LEAFY VEGETABLES - Daniel Mogollane	p59. TOTAL PHENOLICS AND ANTIOXIDANT ACTIVITY OF BLACK TEA AS A FUNCTION OF BREWING TEMPERATURE AND TIME - Shonibani Negukhula
09:50 - 10:10	p17. SCANNING THE EFFICACY OF A NEW GENERATION TRANSPORT VEHICLE FOR USE WITH PLANT REMEDIES IN AGRICULTURE - Riaan Butlindag	p8. SCREENING OF SOME MAIZE CULTIVARS FOR ACETOCHLOR TOLERANCE - James Alleman	p10. DETERMINATION OF THE OPTIMAL TIME FOR SHOOT TIP MICROGRAFTING OF WALNUT - Hamed Balatani
10:10 - 10:50	TEA		

Session 6 - Thursday 21 January 2010			
Venue	Soils (A1)	Agronomy (A2)	Horticulture (A4)
Chairperson	Prof Sue Walker	Prof André Agenbag	Dr Elmi Lötze
Subject	Agrometeorology	Crop Production	Horticulture Production & Cultivation Practices
10:50 - 11:10	p63. THE EFFECT OF A RESIDUE LAYER ON THE ENERGY BALANCE OF SUGARCANE: A REVIEW OF MICROMETEOROLOGICAL METHODS - Francois Olivier	p49. SEED PERFORMANCE AND WATER STRESS TOLERANCE OF LOCAL BAMBARA GROUNDNUT GERMPLASM - Albert Modi	p57. THE EFFECT OF SUBSTRATE pH VALUE ON MYCELIUM GROWTH SPEED OF MUSHROOM STRAINS: <i>Pleurotus ostreatus</i> , <i>Auricularia polytricha</i> , <i>Lentinus edodes</i> AND <i>Ganoderma lucidum</i> - Loyiso Loyd Mzini
11:10 - 11:30	p44. ESTIMATING WATER USE OF 'VALENCIA' ORANGE TREES UNDER DRIP IRRIGATION USING SAP FLOW MEASUREMENTS - Walter Mahohoma	p11. IS LATE MATURITY α -AMYLASE A REALITY IN SOUTH AFRICA? - Annette Barnard	p83. INTEGRATING BIOLOGICAL MANAGEMENT PRACTICES INTO POME FRUIT PRODUCTION SYSTEMS - Louise Van Schoor
11:30 - 11:50	p6. EVAPORATION ESTIMATION OVER SPARSE VEGETATION USING SINGLE- AND DOUBLE-LAYER MODELS - Michael Abrata	p89. A CLIMATIC SOYBEAN RUST FORECAST MODEL - Lauren Van Niekerk	p27. EFFECT OF HYDROGEN CYANAMIDE, MINERAL OIL AND THIDIAZURON IN COMBINATION WITH TIP PRUNING, ON BUD BREAK IN 'EVITA' FIG - Hein Gerber
11:50 - 12:10	p71. SENSIBLE HEAT FLUX AND EVAPORATION USING ITERATION - Michael Savage	p38. SEED DRESSING AND FOLIAR-APPLIED INSECTICIDE EFFICACY AGAINST RUSSIAN WHEAT APHID (<i>Diuraphis noxia</i>) ON DRYLAND WHEAT IN THE SUMMER RAINFALL REGION - Robbie Lindeque	p22. NAA EFFECTIVELY THINS TABLE OLIVES IN THE "ON" YEAR THEREBY DECREASING ALTERNATE BEARING AND INCREASING FRUIT QUALITY - Jacques Crous
12:10 - 12:15	p100. ASSESSMENT OF VARIABLE APPLICATION RATES OF BIOLOGICAL AMENDMENT SUBSTANCES ON SEEDLING ESTABLISHMENT AND GROWTH CHARACTERISTICS OF MAIZE GROWN UNDER GLASSHOUSE CONDITION - Tiangelani Baloyi	p104. LABLAB PRODUCTION IN THE LIMPOPO PROVINCE OF SOUTH AFRICA AND ITS MULTIPURPOSE USES - Victoria Ayodele	p99. OUTLOOK ON AEROPONIC CULTURES IN IRAN - Mojtaba Afzalipour
12:15 - 12:20	p129. SOIL CLASSIFICATION FIELD PRACTICAL: PARADIGMS, PERSPECTIVES AND SOCIAL LEARNING THEORIES - IME Moshia	p122. CASSAVA FOR FOOD SECURITY: EVALUATION OF IMPROVED VARIETIES FOR SMALLHOLDER FARMERS IN MPUMALANGA - Cherian Mathews	p138. ARE REST BREAKING AGENTS NECESSARY ON APPLS IN SOUTH AFRICA? - Michael North
12:20 - 12:25	p110. RESPONSE OF TWO NOCTUID SPECIES, THE AFRICAN BOLL WORM AND COMMON CUTWORM, TO BT MAIZE - Amemlie Erasmus	p135. ASSESSMENT OF PIGEON PEA (<i>Cajanus cajan</i> L.) -BASED INTERCROPPING SYSTEM WITH MAIZE - ND Ngobeni	p141. EFFECT OF SYSTEMIC FUNGICIDES AND GROWTH REGULATORS ON THE OIL YIELD AND COMPOSITION OF ROSE GERANIUM (<i>Pelargonium cv. rose</i>) - Bertie Ras
12:25 - 12:30	p139. NITROGEN MINERALIZATION OF SUNHEMP GREEN MANURE AND MAIZE STOVER RESIDUE MIXTURES IN SOIL - Jude Odhiambo	p103. ASSESSMENT OF CASSAVA-BASED CROPPING SYSTEMS AT MSELIENI KWAZULU-NATAL - Makhosi Buthelezi	p128. POSTHARVEST EVALUATION OF NEW MANDARIN CULTIVARS - Sibongile Mhlophe
12:30 - 13:30	LUNCH		

Session 7 - Thursday 21 January 2010			
Venue	Soils (A1)	Agronomy (A2)	Horticulture (A4)
Chairperson	Prof Michael Savage	Prof Albert Modi	Prof Puffy Soundy
Subject	Agrometeorology	Crop Protection	Horticulture Production & Cultivation Practices
13:30 - 13:50	p82. RAINFALL-RUNOFF RELATIONSHIPS AS INFLUENCED BY RUNOFF TO BASIN AREA RATIOS AND MULCHING RATES IN BAINSVLEI/KENILWORTH ECOTOPE - Weidemichael Abrahams Testinunye	p84. DOES BT MAIZE HAVE AN EFFECT ON ARTHROPOD BIODIVERSITY IN MAIZE FIELDS? - Jean-Marie Truter	p41. COMPARATIVE PERFORMANCE OF TOMATO CULTIVARS IN A CLOSED SOILLESS HYDROPONIC PRODUCTION SYSTEM VERSUS AN OPEN BAG SYSTEM - Martin Makgose Maboko
13:50 - 14:10	p86. RAINFALL RISK ANALYSIS FOR RAINFED AGRICULTURE IN THE LIMPOPO BASIN - Walter Mupangwa	p54. COMPARING TOXICITIES OF CUCUMBIN BIO-NEMATOCIDE AND SYNTHETIC NEMATOCIDES - Maboko Mphosi	p42. INFLUENCE OF SEED PRIMING ON GERMINATION OF WILD CUCUMBER (<i>Cucumis myricarpus</i>) - Tleho Mafelo
14:10 - 14:30	p137. EVAPORATION ESTIMATION USING A TEMPERATURE VARIANCE METHOD ABOVE SUGARCANE - ES Nile	p91. EXPRESSION OF THE MON810 BT EVENT IN VARIOUS GENETIC BACKGROUNDS OF MAIZE - Koos Van Rensburg	p55. EFFECT OF SPACING, TRANSPLANTING TIME AND HARVESTING METHODS ON AMARANTHS (<i>Amaranthus cruentus</i>) PRODUCTION - Nkhankweleni Sharon Mulandana
14:30 - 14:50	p113. EFFECT OF SEED DRESSINGS AND SEED SIZE ON MAIZE GERMINATION AFTER STORAGE - Eibe Hugo	p35. LOW LEVELS OF REFUGE COMPLIANCE RESULTED IN RESISTANCE DEVELOPMENT OF THE MAIZE STEM BORER TO BT MAIZE AT THE VAALHARTS IRRIGATION SCHEME - Marlene Kruger	p28. VEGETATIVE AND REPRODUCTIVE PHENOLOGY OF 'EVITA' FIG (<i>Ficus carica</i> L.) UNDER SOUTH AFRICAN CONDITIONS - Hein Gerber
	p106. <i>Exserohilum turcicum</i> RESISTANCE OF SOUTH AFRICAN ULTRA-SHORT-SEASON MAIZE HYBRIDS - Maryke Craven		
	p101. COMPARING METHODS FOR MEASURING THE PATHOGENICITY AND TOXICITY OF <i>Fusarium verticillioides</i> IN MAIZE - Aneen Belgrove		
	p118. EFFECTS OF IMIDACLOPRID AND ENVIRONMENT ON SEEDLING GERMINATION OF DRYLAND WHEAT IN THE SUMMER RAINFALL REGION - Robbie Lindeque		
	p102. EVALUATION OF THE SUITABILITY OF CACTUS PEAR FRUITS FOR JELLY MAKING - Maryna De Wit		
14:50 - 14:55	p124. EVALUATION OF DRY WHITE BEAN (<i>Phaseolus vulgaris</i> L.) CULTIVARS FOR CANNING QUALITY - Thato Matsela	p134. THE EFFECT OF NITROGEN FERTILIZER, PLANTING DENSITY, AND VARIETY IN MAIZE YIELD AT LWAMONDO, LIMPOPO PROVINCE - Vusani Nemutshilli	p130. THE EFFECT OF 2,4-D ON FRUIT SPLITTING AND FRUIT QUALITY OF 'MARISOL' CLEMENTINE MANDARIN - Giverson Mupambi
14:55 - 15:00		p109. POST RELEASE MONITORING OF LEPIDOPTERA ON BT AND NON-BT MAIZE AT SIX SITES IN THE VAALWATER AND VENTERSDORP AREAS - Emil Engelbrecht	p143. SUNBURN REDUCTION ON 'MIHO WASE' SATSUMA MANDARINS USING PARTICLE FILM TECHNOLOGY - Stephan Verreyne
15:00 - 15:05		p140. THE INCIDENCE OF NON-TARGET LEPIDOPTERA SPECIES ON BT AND NON-BT MAIZE IN THE GROBLERSDAL AREA OF SOUTH AFRICA - Dietrik Pretorius	p107. EFFICACY OF MYCORRHIZAL INOCULATION ON THE GROWTH AND NUTRITION OF TOMATO (<i>Solanum lycopersicum</i>) IN THE PRESENCE AND ABSENCE OF A MYCORRHIZAL STIMULANT, IN SAND-BASED HYDROPONIC CULTURE - Yandiswa Cwala
15:05 - 15:30			

TEA

Annual General Meetings			
Venue	Soils (A1)	Agronomy (A2)	Horticulture (A4)
15:30 - 17:00	AGM OF SSSSA	AGM OF SASCP	AGM OF SASHS
19:00 for 19:30	DINNER (Euclees Hall, UFS Main Campus)		
			Weed Science (A5) AGM OF SAWSS