

International Cactus Pear Workshop
Development of a cactus pear agro-industry for the sub-Sahara
Africa Region
27-28 January 2015
CR Swart Building
University of the Free State (UFS)
Bloemfontein, South Africa

25 January 2015 - Arrival & Registration of International Advisors		
26 January 2015		
08:00– 16:30	International Advisors interact with community and spineless cactus pear project at the Oppermansgronde (Koffiefontein) and visit research field trials at Waterkloof (Bloemfontein) (trip of ± 500 km)	Facilitator: Dr. Herman Fouché
During the day Workshop Participants arrive in Bloemfontein		
19:00	Welcome: Meet-and-Greet Foyer - CR Swart Building Registration	Cactus Pear Team
27 January 2015		
08:00– 08:40	REGISTRATION	Cactus Pear Team
SESSION 1 Official Opening – Introduction of key role players		
08:40– 08:50	Dr. Glen Taylor Directorate Research Development, UFS, South Africa	Chair: Prof. HO de Waal
08:50– 09:00	Dr. Herman Fouché FAO-ICARDA CACTUSNET, Coordinator of the Sub-Saharan Africa Region / ARC, Bloemfontein	
09:00– 09:10	Ms. Makiko Taguchi FAO, Rome	
09:10– 09:20	Dr. Mounir Louhaichi Deputy Coordinator: CACTUSNET ICARDA, Amman, Jordan	
09:20– 09:30	Dr. Sonja Venter Vegetable and Ornamental Plant Institute, ARC, South Africa	
09:30– 10:00	Prof. Paolo Inglese University of Palermo, Italy General Coordinator: FAO-ICARDA International Technical Cooperation Network on Cactus Pear (FAO-ICARDA CACTUSNET)	Chair: Dr. Herman Fouché

10:00-10:30	Dr. Ali Nefzaoui ICARDA, Tunis, Tunisia An overview of cactus in the world	
10:30-11:00	TEA / COFFEE	
SESSION 2		
11:00-11:30	Dr. Candelario Mondragón Universidad Autónoma de Querétaro & INIFAP, Mexico Genetic resources – boosting cactus pear production through genotype improvement: opportunities and challenges	Chair: Prof. Paolo Inglese
11:30-12:00	Dr. Giorgia Liguori University of Palermo, Italy Cactus pear fruit production: from plant biology to orchard management	
12:00-12:30	Dr. Helmuth Zimmermann Pretoria, South Africa Global invasions of Opuntiae: are there solutions to their control without a conflict of interest?	
12:30-13:30	LUNCH	
SESSION 3		
13:30-14:00	Mr. Francois van der Walt South African Cactus Pear Growers Association Presenting the cactus pear industry	Chair: Dr. Mounir Louhaichi
14:00-14:30	Dr. Herman Fouché ARC, South Africa Spineless cactus pear cultivar evaluation in South Africa	
14:30-15:00	Dr. Jesús Fuentes Universidad Autónoma Agraria Antonio Narro, Mexico Feeding prickly pear cactus to ruminants	
15:00-15:30	TEA / COFFEE	
15:30-16:00	Prof. José Dubeux Jr. University of Florida, USA Global use of cactus as livestock feed	Chair: Dr. Jesús Fuentes
16:00-16:30	Prof. HO de Waal UFS, South Africa Spineless cactus pear as livestock feed in South Africa	
16:30-17:00	Mr. Axel Tarrisse Zoe Biotech S.A.R.L., France Integrating cactus and <i>Hermetia illucens</i> as feedstock for regenerative livestock production in South Africa: a business model	
17:00-17h30	Dr. Hichem Ben Salem & Dr. Harinder Makkar ICARDA, Amman, Jordan / FAO, Rome Cactus based feeding strategies for enhancing small ruminant productivity	

19:00-	WORKSHOP DINNER
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SESSION 4	
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08:00– 08:30	Dr. Mounir Louhaichi ICARDA, Amman, Jordan Applications of geo-informatics in cactus pear research and development	Chair: Ms. Makiko Taguchi
08:30– 09:00	Prof. Carmen Sáenz University of Chile, Santiago, Chile Recent advances in cactus agro industries	
09:00– 09:30	Dr. Mónica Nazareno University of Santiago del Estero, Argentina Medicinal uses of cactus products	
09:30– 10:00	Dr. Maryna de Wit UFS, South Africa A perspective on South African spineless cactus pear R&D	

10:00– 10:30	TEA / COFFEE
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SESSION 5	
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10:30– 11:00	Dr. Ana Lilia Viguera & Dr. Liberato Portillo Universidad de Guadalajara, Mexico Cactus pear by-products: show and elaboration of food conserves	Chair: Prof HO de Waal
11:00– 11:30	Dr. Maria Elena Murillo Universidad Autónoma Agraria Antonio Narro, Mexico Cactus pear family orchards: household livelihoods	
11:30– 12:00	Dr. Danilo Mejia & Prof. Carmen Sáenz FAO, Rome Agro-industrial utilization of cactus pear Uses and risks of cacti: a prickly situation Dr. Ana Novoa University of Stellenbosch, South Africa	

12:30– 13:00	LUNCH
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13:00– 13:30	Prof. Wijnand Swart UFS, South Africa Strategies for the management of cactus pear diseases: a global perspective	Chair: Dr. Ali Nefzaoui
13:30– 14:00	Dr. Candelario Mondragón INIFAP, Mexico Strategies to develop new cactus pear cultivars between countries	
14:00– 15:00	Initiating discussions on the Cactus Pear Research & Development Programme - Developing a Sub-Sahara Africa Framework	

	Process will be continued in a separate session on 29 and 30 January 2015 to produce a final document	
15:00– 15:15	Prof. Paolo Inglese University of Palermo, Italy Closing remarks on International Cactus Pear Workshop	Chair: Dr. Helmuth Zimmermann
15:15	International Advisors & South African colleagues depart to workshop and finish the Cactus Pear Research & Development Programme / Develop a Sub-Sahara Africa Framework	
TEA / COFFEE Leisure evening for remaining participants		
29 January 2015 - Depart		

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The workshop is being presented with the goodwill, support and sponsorship of the

Food and Agriculture Organization of the United Nations (FAO)
International Center for Agricultural Research in the Dry Areas (ICARDA)
International Technical Cooperation Network on Cactus Pear (CACTUSNET)
Mexican Ministry of Foreign Affairs - the Mexican International Cooperation Agency (AMEXCID)
South African Department of Science and Technology (DST)
University of the Free State (UFS)

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