

Pakistan – Australia Agriculture Sector Linkages Program

Workshop on mango research, development and extension in Pakistan and Australia

Background

The objective of the Australia-Pakistan Agriculture Sector Linkages Program (ASLP) is to strengthen agriculture sector interaction between Australia and Pakistan's commercial, academic and research institutions through joint activities and institutional links. The ASLP is of four years duration and will draw on Australian government and technical institution capacities as well as commercial opportunities. This workshop is one of such activities, targeting mango industry improvement, one of the three ASLP priorities. This workshop is also linked to two project design missions aimed at scoping two research projects on mango disease and orchard management, and on implementing more efficient mango supply chains, respectively. Members of the scoping teams will be participating in the workshop as the first phase of their studies.

Workshop Objectives

1. To bring together researchers and stakeholders from Pakistan and Australia working in mango research, extension and agri-business, in order to build linkages by sharing and jointly evaluating results and experiences in mango research and extension;
2. To clarify future mango research and development needs in partnership with relevant agencies for collaborative activities under the auspices of the ASLP
3. To identify future capacity building and training needs in Pakistan mango research, development and extension.

Programme

Monday March 27, 2006	Two Australian teams arrive in Lahore on 25th (Supply Chain) & 26th (Disease Diagnosis), respectively		
	Travel Lahore-Faisalabad-Multan		
	08:00-11:00	Travel from Lahore to Faisalabad	
	11:00-12:15	Visit the University of Agriculture, Faisalabad to meet VC, relevant Professors and to see lab facilities	
	12:30-13:45	Working Lunch with relevant UAF Professors, DG AARI & Director NIAB at Serena, Faisalabad	
	14:00-15:00	Visit DG AARI office where briefing on the working of the organization followed by table discussion with relevant Directors	
	15:00-19:30	Travel from Faisalabad to Multan and stay at Holiday Inn	
Tuesday March 28, 2006	Session – I		Formal opening of Workshop (Dr. Laghari to conduct)
	8.30 - 10.00	Welcome Remarks	Dr. Aslam Gill, Commissioner Minor Crops, MINFAL
		Outlines and Purpose of Workshop	Dr Christian Roth
		Process of Workshop	Dr Greg Johnson
		Formal Inauguration	Federal Minister, MINFAL
	Tea		

	Session- II	Presentations - Improving Market Opportunities Chairman Dr. Haji Khan Keerio, Director General Agriculture Research Sindh Facilitator - Dr Greg Johnson Co-Facilitator - Dr. Khalid Mustafa (UAF)	
	10.30 – 13.00	Overview of the mango sector in Pakistan – economic significance, institutions, sector priorities + Agricultural sector policy framework in Pakistan	Mr. M. Hashim Laghari, Senior Director, PARC
		Supply chain management: examples from Australia	Prof. Ray Collins, UQ
		Mango export problems from farmer’s perspective	Mr. Mehmood Nawaz Shah (grower from Sindh)
		Mango exports and linkages with Agri-business in Pakistan	Mr. M. Iqbal, CEO, PHDEB
		Export market development: Case study from northern Australia	Mr Peter Johnson
		Discussion in Working Groups	
	13.00 – 14.00	Lunch/Prayer Break	
	Session - III	Presentations - Plant Protection & Orchard Management Chairman: Dr. Iftikhar Ahmad, Dy. Director General, NARC Facilitator – Dr. Greg Johnson Co-Facilitator - Mr. Munawar Kazmi, PARC	
	14.00 – 17.30	Managing dieback and other mango diseases in Pakistan	Dr. Ahmad Saleem Akhtar, AARI
		Managing mango insect pests in Pakistan	Dr A. Sattar Buriro, ARI, Tandojam
		IPM – Australian experience working with mango contractors in the Philippines	Mr. Bruno Pinese, QDPI
	Australian experience in systems approach to disease management	Dr. Chrys Akem, QDPI	
	Overview of orchard management practices in Pakistan and its impact on yield and quality	Dr. Atta Hussain Soomro, ARI, Tandojam	
	General orchard management practices in Pakistan	Mr. Zahid Hussain Gardezi (grower from Punjab)	
	Orchard management and its impact on productivity and profitability in Australia	Mr. Rowland Holmes, QDPI	
	Discussion in Working Groups		
Wednesday March 29, 2006	Field Trip	Visit to local market & orchards	Pakistani Workshop Organizing Committee accepted proposal made by Mr. Gardezi (Growers Association), Mr. Tariq (Shujabad Station) & Mr. Qureshi (PHDEB)

Thursday March 30, 2006	Session – IV	Presentations and Working Groups: Post harvest, supply chain and extension systems Chairman: Prof. Tony Dunne, Univ. of Queensland Facilitator – Dr. Greg Johnson Co-Facilitator - Dr. Aman Ullah Malik, UAF & Mr. M. Murad Dahrejo, Sindh Agri Extension	
	8.30 – 13.00	Presentations	
		Mango post harvest management: status and requirements	Dr. Aman Ullah Malik, UAF
		Better Mangoes: Using a supply chain approach to crop management, quality improvement and marketing. An Australian perspective	Mr. Terry Campbell, QDPI
		Working groups	
		Mapping the supply chain – players & their roles	Facilitator: Dr Greg Johnson
		Presentation	
		Mango extension systems in Pakistan	Dr. Rana Shafique, Agri Extension Punjab
		Mango extension systems in Australia	
		Working groups	
	Mapping the information system – players & their roles	Facilitator: Dr Greg Johnson	
	13.00 – 14.00	Lunch/Prayer Break	
	Session – V	Working Groups Facilitator: Dr. Greg Johnson	
14.00 – 17.30	Introductory presentations to session		
	Processes used in planning R, D & E for the Australian mango industry	Mr Rowland Holmes	
	Mango R & D planning in Pakistan	Dr. Ahmed Saleem Akhtar, AARI	
	Activity in working groups		
	Key mango production research issues to be addressed by ASLP	Concurrent working parties; 2 tables for each topic	
	Key mango supply chain research issues to be addressed by ASLP		
Key mango capacity building issues to be addressed by ASLP			
Friday March 31, 2006	Session - VI	Wrap up and Formal Closure of Workshop	
	10.00 – 12.00	Opening Remarks	Mr. M. Hashim Laghari, PARC
		Summary of key mango R&D issues identified	Prof. Aman Ullah Malik, UAF
		Summary of key mango supply chain R&D issues identified	Prof. Ray Collins, UQ
		Summary of key capacity building and knowledge dissemination issues identified	Mr. Rowland Holmes, QDPI
		Recommendations/Outcome of workshop	Dr. Christian Roth, ASLP Coordinator
		Vote of Thanks	Dr. Haji Khan Keerio, Agri Research Sindh
		Tea	

List of Participants - Pakistan

MINFAL		
1	Dr. Aslam Gill	Commissioner Minor Crops, MINFAL
Pakistan Agricultural Research Council/National Agri. Research Centre		
1	Mr.M. Hashim Laghari	Senior Director(CS), PSD PARC (Horticulturist)
2	Dr. Iftikhar Ahmed	DDG IPEP, NARC (Pathologist)
3	Dr. Ghulam Jillani	CSO, IPM, NARC (Entomologist)
4	Mr. Munawar Raza Kazmi	SSO, IPM, NARC (Pathologist)
Ayub Agri. Research Institute, Faisalabad		
1	Dr. Ahmad Saleem Akhtar	Director, Plant Protection Institute (Pathologist)
2	Mr. Muhammad Zaman Awan	Director, Horticultural Research Institute (Horticulturist)
Mango Research Station, Shujabad		
1	Mr. Muhammad Ikhlaq	Asst. Research Officer, Horticulture
2	Mr. Tariq Malik	Asst. Plant Pathologist
University of Agriculture, Faisalabad		
1	Dr. Aman Ullah Malik	Associate Professor Horticulture
2	Dr. Khalid Mustafa	Chairman Dept. of Marketing & Agribusiness
Agri. Extension Punjab		
1	Dr. Rana Muhammad Shafique	Project Director, Fruit & Vegetable Development Project Punjab
Agriculture Marketing Dept., Punjab		
1	Mr. Mahar Muhammad Riaz	Extra Asst. Director of Agri, Multan
Bahauddin Zakariya University, Multan		
1	Mr. Ishtiaq Ahmad	Lecturer in Horticulture
Sindh Hort. Research Institute, Mirpurkhas/Agri. Res. Institute, Tandojam		
1	Dr. Atta Hussain Soomro	Horticulturist
2	Mr. Ali Mohammad Khaskheli	Plant Pathologist
3	Dr. Abdul Sattar Buriro	Entomologist
Sindh Agri. University Tandojam		
1	Mr. M. Ayub Baloch	Associate Professor (Horticulture)
Agri. Extension Sindh		
1	Mr. M. Murad Dahrejo	Director Agri Farms & Major Crops
Pakistan Horti. Development and Export Board		
1	Mr. M. Iqbal	Chief Operating Officer
National Institute for Agriculture & Biology (NIAB)		
1	Mr. Abdul Rasool Awan	Senior Scientist
Mango Growers Association - Multan		
1	Mr. Zahid Hussain Gardezi	
2	Syed Zahid Ali Bukhari	
3	Mr.Umer Hayat Khan Bosan	
4	Mr.Mohammad Ali Khokhar	
5	Malik Ayaz Hussain	
Mango Growers Association – Hyderabad		
1	Mr. Mehmood Nawaz Shah	
2	Mr. Imdad Ali Nizamani	
3	Mr. Hadi Buksh Laghari	

4	Abdul Ghai Dars
5	Qazi Faizullah
Horticultural Foundation of Pakistan	
Dr. Saeed Ahmad	

List of Participants - Australia

Queensland Department of Primary Industries and Fisheries		
1	Dr. Chrys Akem	Senior mango pathologist
2	Mr. Bruno Pinese	Senior mango entomologist
3	Mr. Terry Campbell	Senior extensionist
4	Mr. Rowland Holmes	Senior extensionist horticulturist
5	Ms. Jodie Campbell	Post-harvest specialist
6	Mr. Ian Bally	Senior mango horticulturist
7	Mr. Tony Cooke	Senior mango pathologist/experimentalist
University of Queensland		
1	Dr. Ray Collins	Assoc. Prof. Agribusiness
2	Dr. Tony Dunne	Assoc. Prof. Marketing
Department of Agriculture Western Australia		
1	Mr. Peter Johnson	Senior mango horticulturist/supply chain development
Australian Mango Industry Association		
1	Mr. John Moreton	Mango grower, Burdekin District
ACIAR – Australian Centre for International Agricultural Research		
1	Dr. Christian Roth	ALSP Coordinator
2	Dr. Les Baxter	Research Program Manager Horticulture
3	Mr. Sosheel Solomon	ASLP Program Officer
Horticulture 4 Development		
1	Dr. Greg Johnson	Mango specialist; workshop facilitator