

Annex 1

**List of Participant
ICARDA-APRP Regional Technical Coordination Meeting
Aleppo, Syria 7-9 December 2003**

		Country	Name	Current Position	Employer
1	ICARDA	U.A.E	Dr. Ahmed Moustafa	Regional Coordinator	ICARDA
2		U.A.E	Dr. Ahmed Osman	Pasture Forage and Range Ecologist	ICARDA
3		U.A.E	Mr. Arash Nejatian	Information Management Aids	ICARDA
4	Inv. Experts	Egypt	Prof. Ayman F. Abou-Hadid	Director	Central Laboratory for Agricultural Climate (CLAC)
5		U.A.E	Dr. Ahmed A. Almasoum	Associate Professor of Horticulture	United Arab Emirates University
6	NARS	Bahrain	Mr. Isam Mustafa Razaq	Head, Farm Operation & Maintenance Dept.	Ministry of Municipalities Affairs & Agriculture
7		Bahrain	Mr. Sadiq Isa Mansoor Hussain	Horticulturist	Ministry of Municipalities & Agriculture Affairs
8		Bahrain	Mr. Hussein Jawad Allaith	Head of Soil and Irrigation Section	Ministry of Municipalities Affairs & Agriculture
9		KSA	Mr. Abdullah Al-Hindi	Director General, Agricultural Research Department	Ministry of Agriculture
10		KSA	Dr. Abdulla Al-Shankiti	Assistance Director for Technical Affairs	National Agricultural Research Center
11		KSA	Mr. Agil Hamdan Al-Homaidy	Agricultural Specialist	National Agricultural Research Center
12		KSA	Dr. Abdullah M. Al-Hajoj	Range Management Dept. Head	Ministry of Agriculture
13		Kuwait	Mr. Fuad H. Al-Khayat	Head of Horticulture Section	Chairman
14		Kuwait	Mr. Nabeel N. Al Muraished	Agriculture Develop. Specilized	Public authority for agricultural affairs and fish recourses
15		Oman	Mr. Abdul Aziz Al-Harthy	Assistant Director General of Agricultural Research	Public authority for agricultural affairs and fish recourses
16		Oman	Ms. Najma Mahmood Al-Zidjali	Researcher Economic Entomology	Ministry of Agriculture and Fisheries
17		Oman	Mr. Muthir Said Al-Rawahy	Vegetable Researcher	Ministry of Agriculture and Fisheries
18		Oman	Mrs. Safaa Bint Mohammed Al-Farsi	Head of Seed and Plant Genetic Resources Lab.	Ministry of Agriculture and Fisheries
19		Qatar	Dr. Hamdy Hassan El-Doweny	Horticulture Expert	Ministry of Municipal Affairs & Agriculture
20		Qatar	Mr. Ali Zaid Nasser Al-Dosari	Head, Field Crops and Native Plants Unit	Ministry of Municipal Affairs & Agriculture
21		UAE	Mr. Saeed Hassan Al Bagham	Biological Control Eng.	Ministry of Agriculture and Fisheries
22		UAE	Mr. Mohamed Ali Makkawi	Seed Technology Engineer	Ministry of Agriculture and Fisheries
23		Yeman	Dr. Abdul Wahed Mukred	Vice Chairman AREA/Yemen	Agricultural Research and Extension Authority (AREA)
24		Yeman	Mr. Najib M. Al-Ghulaibi	Water Component Coordinator	Agricultural Research and Extension Authority (AREA)
25		Yeman	Dr. Khader Balem Atroosh	Head of Water Resources Research Section	Renewable Natural Resouces Research Centre (RNRRC)
26	Yeman	Mr. Amin Abdo Al Kirshi	Participating Researcher	Technical Director and PA contact Scientist	
27	Yeman	Mr. Mohammed M. Mofarreh	Researcher and Contact Scientist	Agricultural Research and Extension Authority (AREA)	

Annex 2
ICARDA-APTP Regional Technical Coordination Meeting
Aleppo, Syria 7-9 December 2003
Program

1st Day: Sunday 7 December 2003

08:00-09:00	Registration
Session I –Opening	
Chairman	<i>Dr. Mohan Saxena, Assistant Director General – AL, ICARDA</i>
09:00-09:30	Overview of NARS Priorities and ICARDA's Research <i>Dr. William Erskine, Assistant Director General – Research, ICARDA</i>
09:30-10:00	An over view of ICARDA-APRP <i>Dr. Ahmed T. Moustafa, APRP Regional Coordinator, ICARDA</i>
10:00-10:35	Statement by heads of the delegations <i>Bahrain; Emirates; KSA; Kuwait; Oman; Qatar; Yemen</i>
10:35-10:50	Opening address <i>Prof. Dr. Adel El-Beltagy, Director General, ICARDA</i>
10:50-11:20	Break and Group Photo
Session II – Rangeland and Forage Crops	
Chairman	<i>Dr. Abdul Wahed Mukred, Vice Chairman AREA/Yemen</i>
Rapporture	<i>Dr. Hamdy Hassan El-Downeny, Horticulture Expert, MMAA, Qatar</i>
11:20-11:50	Agro ecological Characterization Studies in the Arabian Peninsula. Past and Future Needs <i>Dr Eddy De Pauw, Agro climatologist, ICARDA</i>
11:50-12:05	Discussion
12:05-12:15	Research Activities in Kingdom of Bahrain, Seed Multiplication of rangeland species <i>Ahmed Ibrahim Alyas, Ministry of Agriculture and Municipal Affairs, Bahrain</i>
12:15-12:20	Discussion
12:20-12:30	Seed threshing and processing of indigenous forage species: problems and solution <i>Makawi Mohamed Makawi, Seed Technology Engineer, MAF, Emirates</i>
12:30-12:35	Discussion
12:35-13:00	<i>General Discussion and Recommendations</i>
13:00-14:00	Lunch Break
Session III – Rangeland and Forage Crops (continue)	
Chairman	<i>Dr. Abdullah Alshankiti, Assistance Director for Technical Affairs, NARC</i>
Rapporture	<i>Al-Kirshi, Technical Director and PA contact Scientist, AREA, Yemen</i>
14:00-14:10	Productivity of indigenous and exotic forage grasses as affected by clipping frequency and irrigation. <i>Dr. A. Osman, Pasture Forage & Range Ecologist, APRP, ICARDA</i> <i>Dr. M. Tamemi, Forage Specialist, MAF, UAE</i>
14:10-14:15	Discussion
14:15-14:25	Research activities of the 2002/2003 seasons in Al-Jouf, KSA <i>Dr. Abdullah M. Al-Hajoj, Head, Range Management Dept., MoA, KSA</i>
14:25-14:30	Discussion
14:30-14:40	Collection, seed multiplication & utilization of rangeland forage species in Oman <i>Safaa M. Naser Al-Farsi, Head, Seed and Plant genetic Resources Lab.MAF, Oman</i>
14:40-14:45	Discussion
14:45-14:55	Causes and cure of seed dormancy in selected native forage plants <i>Ali Zaid N. Al-Dosari, Head, Field Crops and Native Plants Unit, MMAA, Qatar</i>
14:55-15:00	Discussion
15:00-15:45	Seed multiplication of natural range species in the coastal agro-ecological zone of Yemen; <i>Eng. Gumhuria Al-Khader Ahmed</i> Study & evaluation of natural rangeland genetic resources of Ombahara in Shukra province, Abyan governorate; <i>Eng. Mohamed Mufarreh</i> Survey of vegetative cover of al-Khon reserved range area, Seiyan governorate; <i>Eng. Ahmed Salem Bataher</i> The establishment of Walan reserved range area, Sana'a governorate; <i>Ali Abdul Malek</i> Seed multiplication of selected range species in highland agro-ecological zone of Yemen; <i>Eng. Ali Abdul Malek</i> <i>Presenter: Mohamed Mufarreh, Researcher and Contact Scientist, AREA, Yemen</i>
15:45-16:00	Discussion

16:00-16:15	Break
Session IV – Rangeland and Forage Crops (continue)	
Chairman	<i>Dr. Ahmed E. Osman Pasture Forage & Range Ecologist, APRP, ICARDA</i>
16:15-16:30	General discussions and recommendations
16:30-17:15	Rangeland and Forage crop Work Plan for 2003\2004
<u>2nd Day: Monday 8 December 2003</u>	
Session V – Irrigation and Water Management	
Chairman	<i>Dr. Abdul Wahed Mukred, Vice Chairman AREA/Yemen</i>
Rapporteur	<i>Mr. Makawi Mohamed Makawi, Seed Technology Engineer, MAF, Emirates</i>
08:00-08:30	The utilization of IT for water use efficiency <i>Prof. Ayman F. Abou-Hadid, Director CLAC, Egypt,</i>
08:30-08:45	Discussion
08:45-08:55	Water use efficiency in the production of okra under surface and drip irrigation systems <i>Hussein Jawad Allaihi, Head of Soil and Irrigation Section, MMAA, Bahrain</i>
08:55-09:00	Discussion
09:00-09:10	A progress report on performance, productivity and water use efficiency of five indigenous forage grasses under central Saudi Arabia conditions. <i>Dr. Abdullah Alshankiti, Assistance Director for Technical Affairs, NARC</i> <i>Agil Hamdan Al Homaidy., Agricultural Specialist, NARC, KSA</i>
09:10-09:15	Discussion
09:15-09:25	Studies on water use efficiency in the production of cucumber crop <i>Dr. Hamdy Hassan El-Downeny, Horticulture Expert, MMAA, Qatar</i>
09:25-09:30	Discussion
09:30-09:40	Assessment of treated sewage water use from Al-Shaab Treatment Plant <i>Dr. Hadi Al-Shubaihi, Dr. Mustafa A. Sattar, Gamal Al-Nakeeb</i> <i>Presenter: Nageeb Al-Ghulaibi Water Component Coordinator, AREA, Yemen</i>
09:40-09:45	Discussion
09:45-10:00	General discussions and recommendations
10:00-10:15	Break
Session VI – Irrigation and Water Management (continue)	
Chairman	<i>Mr. Abdullah Al-Hindi, DG of Agricultural Research, MoA, SA</i>
Rapporteur	<i>Ms. Safaa M. Naser Al-Farsi, Head, Seed and Plant genetic Resources Lab. MAF, Oman</i>
10:15-10:45	Managing water in agriculture under extreme scarcity <i>Dr Theib Oweis, Senior Irrigation and Water Management Scientist, ICARDA</i>
10:45-11:00	Discussion
11:00-11:10	Assessment of utilization of water dams and reservoirs in the highlands of Yemen (Sana'a governorate) <i>Dr. Khader Atroosh, Eng. Mohamed Al Naboos Eng. Abdul Azeez Haider</i> <i>Presenter: Khader Atroosh, Head of Water Resources Research Section, RNRRC, Yemen</i>
11:10-11:15	Discussion
11:15-11:30	General discussions and recommendations
11:30-12:30	Irrigation and Water Management Workplan for 2003\2004
13:00-13:30	On-line Bio computing: A research solution tool <i>Dr Murari Singh, Senior Biometrician, ICARDA</i>
13:30-14:15	Lunch Break
14:15-17:00 pm	Visiting ICARDA's Different Program and Activities
<u>3rd Day: Tuesday 9 December 2003</u>	
Session VII – Protected Agriculture	
Chairman	<i>Mr. Abdul Aziz Al-Harthy, Head, Agriculture Research Center, Oman</i>
Rapporteur	<i>Mr. Saeed Hassan Al Bagham, biological Control Eng., MAF, UAE</i>
08:00-08:30	Application of IPPM in greenhouse for production of organic produce <i>Dr. Ahmed Al Masoum, UAE University, UAE,</i>
08:30-08:45	Discussion
08:45-08:55	The use of different doses of organic fertilizer for the production of tomato <i>Isam Mustafa Razaq, Head Farm Oper. & Maintenance Dept, MMAA, Bahrain</i>
08:55-09:00	Discussion

09:00-09:10	Studying the Effect of Covering Date Palm Bunch with Different Materials on the Quality & Quantity of the Fruit (Khalas Variety) <i>Sadiq Isa Mansoor Hussain, Horticulturist, MMAA, Bahrain</i>
09:10-09:15	Discussion
09:15-09:25	Incidence and management of pests on cucumber and tomato crops in protected cultivation system in the Sultanate of Oman: Toward A Safer Crop <i>Najma Mohmood Al-Zidjali, Researcher Economic Entomology, MAF, Oman</i>
09:25-09:30	Discussion
9:30-10:00	General discussions and recommendations
10:00-10:15	Break
Session VIII – Protected Agriculture (Continue)	
Chairman	<i>Dr. Abdullah M. Al-Hajoj, Head, Range Management Dept., MoA, KSA</i>
Rapporture	<i>Dr. Khader Atroosh, Head of Water Resources Research Section, RNRRC, Yemen</i>
10:15-10:50	Evaluation of tomato production in hydroponics under cooled greenhouse Agro-economic assessment for production of cucumber under cooled and non-cooling greenhouses Evaluation of cucumber production in sandy media under cooled greenhouse Evaluation of strawberry production in the peat moss with perlite media using vertical system under non-cooled greenhouse <i>Muthir Al-Rawahy, Vegetable Researcher, MAF, Oman</i>
10:50-11:05	Discussion
11:05-11:15	Use solarization to produce tomato and cucumber crops <i>Adel Mohamed Saleh Al-Yahri, Horticulture Researcher, MMAA, Qatar</i>
11:15-11:20	Discussion
11:20-11:45	Dissemination of IPPM in protected agriculture under farmers conditions in Dhamar; Amin Kirshi, Naghi Al-Rahgihi, Abdo Al-Dhuraibi IPPM in protected agriculture in the northern highlands (Al-Mahweet) Khaled Al-Kirshi, Taher Mahyoub, Khairi Al-Abyad, Saleh Al-Makaleh IPPM in protected agriculture in southern highlands (Al-Turba / Taez) Amin Al-Kirshi <i>Presenter: Amin Al-Kirshi, Technical Director and PA contact Scientist, AREA, Yemen</i>
11:45-11:55	Discussion
11:55-12:05	Integrated production and protection management (IPPM) program for cucumber crop under greenhouse condition for the season 2002/03 in Kuwait <i>Maher Al Hunaidi; Dr. Mohammad Fadel; Mohammad Riad; Etemad Al Saeed; Amal Abdul Kareem; Othman Al Shiekh; Hanan M Al-Jumaa and Naiema Al-Mishwat,, Public Authority for Agricultural Affairs & Fish Resources, Kuwait. Present by A. Abdul Karim</i>
12:05-12:10	Discussion
12:10-12:20	Influence of green house heating on production of vegetables crops. <i>Mohamed Jamal, M. Al Harbi; Jamal Fouad, Nabeel N. Al Murshed, PAAAFR, Kuwait</i>
12:20-12:25	Discussion
12:30-13:30	Lunch Break
Session IX- Protected Agriculture (Continue)	
Chairman	<i>Dr. Ahmed T. Moustafa, APRP Regional Coordinator, ICARDA</i>
13:30-13:45	General Discussion
13:45-14:15	Protected Agriculture Work plan for 2003/2004
14:15-15:15	Group Discussions
15:15-15:30	Break
Session X- General Discussions and Closing Ceremony	
Chairman	<i>Dr. William Erskine, Assistant Director General – Research, ICARDA</i>
Rapporture	<i>Mr. Isam Mustafa Razaq, Head Farm Oper. & Maintenance Dept, MMAA, Bahrain</i>
15:30-16:15	Work Plan and time table for Training, Workshops, etc during 2003/2004 season
16:15-16:45	General discussion and recommendation
16:45	Closing ceremony

Annex 3**List of Trainees from Arabian Peninsula Participated at ICARDA's Training Course during the Period from January to December 2003****Headquarters Short-term Training Course**

Management of Water Resources and Improvement of Water-use Efficiency in the Dry Areas/NRMP (5 May-12 June 2003)

1. Mahmmad Al-Ghobar /Yemen

Scientific Writing and Data Presentation/CODIS (8-12 June 2003)

2. Awadh Salman Basaleh/Yemen

DNA Molecular Marker Techniques for Crop Improvement/GP (07-18 September 2003)

3. Saif Ali Salim Al-Khamisi/S. Oman

Electronic Document Management and the Use of WebAGRIS Tools for Database Management on the Web)/CODIS (30 Nov.-16 Dec. 2003)

4. Salima Saeed Semba/UAE

Non-headquarters Short- term Training Courses

Regional Training Workshop on Participatory Research Methods and Community Approach and Characterization (29 April - 6 May 2003) held in Cairo, Egypt

5. Abdo Abdullah Naji Al-Thuris/Yemen
6. Ali Karamah Ben Hadjeh/Yemen

Utilization of Expert Systems in Agricultural Research and Production/HRDU (11-22 October 2003) held in CIAES, Cairo, Egypt

7. Abdullah Ali Al-Hendi/S. Arabia
8. Ahmed Mohamed S. Al Manbhari/S. Oman
9. Mohamed S. Al-Mussali/Yemen

Individual non-degree*Germplasm Program*

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| 10. Mansour Nasser Al-Aqil/Yemen | Plant breeding and genetics | 5-19 July |
| | DNA molecular marker tech for crop imp | 13-16 July |

Natural Resources Management Program

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| 11. Abdullah Nassr Al Saadi/Yemen | Admin. & finance of Research station | 09-23 Jan. |
| 12. Khaled Al Mutawakel/Yemen | Admin. & finance of Research station | 09-23 Jan |
| 13. Ibrahim Moharram/Yemen | Admin. & finance of Research station | 09-23 Jan |

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| 14. Fouad NourAl-Deen Hasan/Yemen | Green houses management | 1 June-30 Aug. |
| 15. Hasan Mohamed Ahmed/Yemen | Green houses management | 1 June-30 Aug. |

Individual degree 2003

Name/Country	Univ. Level	Period
<i>Germplasm Program</i>		
Hamad A. Salman/UAE	Glasgow Univ.;PhD	1997-2003
<i>Through Cairo office</i>		
Hamid Al-Khader/Yemen	Gezira Univ.;MSc	Apr. 2001-2003
Ali Ahmed Meghesh/Yemen	Baghdad Univ.MSc	2000-2003