

## ANNEX 1

### List of Trainees from Arabian Peninsula Participated at ICARDA's Training Courses During the Period From January to September 2002

#### Headquarters Short-term Training Courses

*Design and Analysis of Field Experiments/CBSU (17-28 March, 2002):*

1. Ali Hassan Al-Hamoudi-UAE
2. Watheq Abdulla Mohamad Aulaqi-Yemen

*Integrated Pest Management of Cereal and Legume Crops/GP (24 March-4 April, 2002):*

3. Khalid Mohamed Al-Mahfadi-Yemen

*Management of Water Resources and Improvement of Water Use Efficiency in the Dry Areas/NRMP (7 April-6 June, 2002):*

4. Hamdan Salem Al Wahaibi-S. Oman
5. Najib Mohammad Al-Ghulaibi-Yemen
6. Saleh Saleh El-Emad-Yemen

#### Non-headquarters Short-term Training Courses

*Information Technology Systems for Natural Resource Management for the Arabian Peninsula (ITAP) Weather Station Network and Expert Systems/APRP (22-27 June, 2002) held in ARC, Cairo, Egypt:*

7. Hussein Jawad Allaith-Bahrain
8. Hani Abdulhadi Hajiyeh-Kuwait
9. Hassan Kamel Abu Sukar-Qatar
10. Abdul Salam Musaad A. Al-Harbi-Qatar
11. Abdullah Al-Shankiti-Saudi Arabia
12. Hani Mohammed Al Rashid-Saudi Arabia
13. Ahmed Bin Nasser Al-Bakry- Oman
14. Anwar Bin Ahmad Beit Fadhil- Oman
15. Mahmoud Khalfan Al-Rashdi- Oman
16. Abdul Wahed Mukred- Yemen
17. Mohammed Abdulwasa Al Khorasani- Yemen
18. Ibrahim Ahmed Al Zaroni-UAE
19. Mona Al Sayed Mohammed Al Hashimi-UAE
20. Musaab Moaid Fadhil Rashid-UAE

*Seed production and processing of indigenous forage species Sharjah, UAE 14-17 July, 2002:*

21. Abdul Mohsin Alquraini-Saudi Arabia
22. Abdullah Al-Hajoj-Saudi Arabia
23. Abdullah Salem Ahmed-UAE
24. Ahmed Mohamed Said El-Hamody-UAE
25. Ali Ahmed Saleh Al-Mehrizi-UAE
26. Gamhurria Alkhader Ahmed-Yemen
27. Hashem Ali Muqbel Saeed-Yemen
28. Jalal Abbas Al-Lanqawi-Kuwait
29. Khalid Hamoud Jaber-Kuwait
30. Mohamed Ahmed Mohamed Maki-Bahrain
31. Mohamed Bin Moslim Bin Ahmed Tabouk-Oman
32. Rashid Ahmed Al-Hantoobi-UAE
33. Rashid Salem Halouka-UAE
34. Saleh Ali Said Al-Hinai-Oman
35. Suhaila A. Younis-UAE

**Individual Non-degree***Gemplasm Program*

36. Abdel Wareth Abdul Kader Al- Monify Yemen Field evaluation of yellow rust and race identification under controlled environment 15 Mar.-14 Apr.

37. Museed Nagi Eissa-Yemen Field evaluation of yellow rust and race identification under controlled environment 15 Mar.-15 Apr.

*Arabian Peninsula*

38. Taha Saeed Al-Zuraiqi-Yemen Greenhouse management 4 Mar.-3 May

**Individual degree***Gemplasm Program*

39. Hamad A. Salman-UAE **Uni. /Level** Glasgow Univ./PhD **Period** 1997-2002

**Through Cairo office to Jordan**

40. Hamid Al-Khader-Yemen **Uni. /Level** Gezira Univ./ MSc **Period** Apr. 2001-2003  
 41. Ali Ahmed Meghesh-Yemen **Uni. /Level** Jordan Univ / MSc **Period** 2000-2003

## ANNEX 2

### List of participants of RTCM . Sana'a Yemen 29 Sep. – 1 Oct. 2003

Nb.	Country	Names	Organization	Position
1	ICARDA	Dr. William Erskine	ICARDA	Assistant Director General – Research
2	ICARDA	Dr. Ahmed T. Moustafa	ICARDA-APRP	Acting Regional Coordinator & Pa Specialist
3	ICARDA	Dr. Ahmed Osman	ICARDA-APRP	Pasture Forage & Range Ecologist
4	ICARDA	Dr. Asadullah Al Ajmi	ICARDA-APRP	Water Specialist
5	ICARDA	Arash Nejatian	ICARDA-APRP	Information Management Aid
6	FAO	Dr. Wilfried Baudoin	FAO	Senior Officer, Horticultural Crops Group.
7	UAEU	Dr. Ahmed Al Maasoum	UAE University	Associate Professor Of Horticulture
8	BAHRAIN	Hussain Jawad Al-Laith	Ministry of Housing & Agriculture	Head Of Plant Production
9	BAHRAIN	Ahmed Al-Saad	Ministry of Housing & Agriculture	Production Manager
10	BAHRAIN	Isam Mustafa A-Razaq	Ministry of Housing & Agriculture	Manager, Farm Operation & Maintenance Dept.
11	QATAR	Abdul Rahman M.Y. Al Mahmoud	Ministry of Municipal Affairs & Agriculture	Director, Agriculture & Water Research Dep.
12	QATAR	Abdullah Jasim Albou Ainain	Ministry of Municipal Affairs & Agriculture	Head Of Agriculture Research Dept.
13	QATAR	Abdul Rahman S.Al-Mohamadi	Ministry of Municipal Affairs & Agriculture	Agriculture Eng.
14	QATAR	Adel Mohamed S.M.Al-Yahri	Ministry of Municipal Affairs & Agriculture	Agriculture Research
15	OMAN	Abdul Aziz Bin Salim Al Harthy	Ministry of Agriculture & Ficherie	Asst. D. G Of Agriculture For Research & Extension
16	OMAN	Dr. Ahmed Nasser A.Al-Bakry	Ministry of Agriculture & Ficherie	DG Of Plant Research Production Center
17	OMAN	Yousuf Al-Raeesi	Ministry of Agriculture & Ficherie	Head, Plant Pathology Laboratory
18	OMAN	Salim Bin Mohd Al Makhmary	Ministry of Agriculture & Ficherie	Vegetable Researcher
19	OMAN	Safaa Mohammed Al-Farsi	Ministry of Agriculture & Ficherie	Head Of Seeds & Plant Genetic Research Lab.
20	OMAN	Hamdan Salem Said Al-Wahaibi	Ministry of Agriculture & Ficherie	Crop Water Requirement Researcher
21	OMAN	Rashid Hamdan Saif Alshidi	Ministry of Agriculture & Ficherie	Economic Entomology Researcher
22	OMAN	Muthar S.S Al-Rawahi	Ministry of Agriculture & Ficherie	Head, Vegetable Research Laboratory
23	KUWAIT	Khalid Jasem Al-Masbahi	Public Authority for Agriculture Affairs and Fish Resources	Manager Of Research & Agricultural Nurseries Dept.
24	KUWAIT	Salwa Sultan Saad Al-Oraifan	Public Authority for Agriculture Affairs and Fish Resources	Technical Co-Ordinator
25	KUWAIT	Amal Abdulkareem	Public Authority for Agriculture Affairs and Fish Resources	Sample Analyst
26	KUWAIT	Mohammad Awad Al-Harbi	Public Authority for Agriculture Affairs and Fish Resources	Agricultral Engineer

Nb.	Country	Names	Organization	Position
27	Saudi Arabia	Mohammed Al-Mazroui	Ministry of Agriculture & Water	Director General, Agricultural Research Dept. - Nc-Aprp
28	Saudi Arabia	Dr. Abdul Rahman S. Al-Habib	National Agriculture & Water Research Center	Head, Soil & Irrigation Section
29	Saudi Arabia	Dr. Abdullah . Al-Hajoj	Ministry of Agriculture & Water	Head, Range Management Section
30	Saudi Arabia	Abdullah Ali Al-Baiz	National Agriculture & Water Research Center	Head Of Genetic Engineering
31	UAE	Dr.Abdullah H. Abboudi	Ministry of Agriculture and Fisheries	Director Of Research & Plant Production Department
32	UAE	Rashid Ahmed Al-Hantubi	Ministry of Agriculture and Fisheries	Head Of Production
33	UAE	Dr. Mehdi A. Khalaf Al-Timinin	Ministry of Agriculture and Fisheries	Forages And Grazing Plants Expert
34	UAE	Ali Hassen Ahmed	Ministry of Agriculture and Fisheries	
35	UAE	Basel F.A. Mubark	Ministry of Agriculture and Fisheries	
36	Yemen	Dr. Ismail Muharram	Agriculture Recherche & Extension Authority (AREA)	Chairman
37	Yemen	Dr. Abdul W. Mukred	Agriculture Recherche & Extension Authority (AREA)	Vice Chairman
38	Yemen	Dr.Hadi Shubaihi	Agriculture Recherche & Extension Authority (AREA)	National Coordinator-Aprp
39	Yemen	Dr. Khader B. Atroosh	Agriculture Recherche & Extension Authority (AREA)	Head Of Water Resources Section
40	Yemen	Mohamed Dhubhani	Agriculture Recherche & Extension Authority (AREA)	
41	Yemen	Adnan Abdul Habeeb Salem	Al-erra Station (AREA)	
42	Yemen	Ali Abdul Malek	Agriculture Recherche & Extension Authority (AREA)	
43	Yemen	Ameen Abdo Kirshi	Central highlands	
44	Yemen	Abdulla Maghram	Agriculture Recherche & Extension Authority (AREA)	
45	Yemen	Khaled Ghanem Ahmed	Taez station	
46	Yemen	Abdul Wasa Fara	Farmer Taez	
47	Yemen	Abdulla Fathalla	Farmer Almahweet	
48	Yemen	Gumhuria Al-Khader	Livestock center	
49	Yemen	Ahmed Salem Bataher	Seiyn Research Center	
50	Yemen	Gameel Sallam	Ministry of Agriculture & Irrigation	
51	Yemen	Mohamed Al-Khurasani	Natural Resource Center	

**ANNEX 3****Program of APRP Technical Coordination Meeting (RTCM) Sana'a, Yemen  
Sunday 29 September 2002****Session I****Chairman****Rapportures**

- 08:00-08:15**      **Introduction**  
Ahmed Moustafa, APRP Regional Coordinator.
- 08:15-08:35**      **HORTIVAR, FAO'S database on the performance of Horticulture cultivars.**  
Wilfried Baudoin, FAO.
- 08:35-08:45**      **Discussion**
- Country Presentations**
- Bahrain**
- 08:45-08:55**      **Organic production of cucumber and IPM, comparison between organic and chemical Fertilizer.**  
Ahmed Al-Saad
- 08:55-09:05**      **Use of recycled water for crop production under greenhouse condition in Bahrain.**  
Isam Mustafa A-Razaq
- 09:05-09:15**      **Discussion**
- The Emirates**
- 09:15-09:25**      **Water use efficiency of six indigenous range and forage species in UAE.**  
Tamimi, M., Osman, A, Aboudi, A., Al-Ajmi, A, Saleh, A. and Ali Hasan
- 09:25-09:35**      **Strategy for multiplication of indigenous rangeland species and seed multiplication in UAE.**  
Tamimi, M., Osman, A, Aboudi, A., Saleh, A. and Ali Hasan
- 09:35-09:45**      **Discussion**
- 09:45-09:55**      **Adaptation of Soilless culture (Closed System) for the production of tomato in UAE.**  
Rashid Said, Basil Mubarak and Ahmed Moustafa
- 09:55-10:05**      **Adaptation of Soilless culture (open System) for the production of tomato in UAE.**  
Rashid Said, Basil Mubarak and Ahmed Moustafa
- 10:05-10:15**      **Discussion**
- 10:15-10:30**      **Break**

**Session II****Country Presentations-Continued****Kuwait****Chairman****Rapportures**

- 10:30-10:40**      **Application of soil solarization in greenhouses in Kuwait.**  
Amal Abdulkareem and research team.
- 10:40-10:50**      **Integrated Production & protection management program (IPPM) for the production of cucumber in GH in Kuwait.**  
Amal Abdulkareem and research team
- 10:50-11:00**      **Discussion**
- 11:00-11:10**      **Comparison of Different New Cooling Systems in Green House In Kuwait.**  
Mohammad Jamal, Mohammad Al-Harbi & Jamal Fouad
- 11:10-11:20**      **Comparative Study for the production of Strawberry in Soilless Culture (vertical system) and traditional Soil Culture.**  
Salwa Al-Oraifan & Abdullah Hassan
- 11:20-11:30**      **Discussion**

**Oman**

- 11:30-11:40** **Investigations on Seed Multiplication of Indigenous Forage Species**  
Saleem K. Nadaf., Safaa M. Al-Farsii and Saleh A. Al-Hinai
- 11:40-11:50** **Performance of four cultivated fodder crops & two selected indigenous pasture species under different conditions o soil moisture.**  
Hamdan Salem Said Al-Wahaibi
- 11:50-12:00** **Discussion.**
- 12:00-12:10** **Incidence and management of certain major pests of cucumber in two sets of green houses one with cooling system and the other only with ventilation.**  
Syed Ali Razvi, Yousuf Mohammed Al-Raeesy, Moh'd M. B'chir, Najma Mahmood Al-Zadjali, Rashid Al-Shidi and Ahmed Al-Mandhari
- 12:10-12:20** **Effects of certain mechanical methods and bio-rational pesticides for the control of certain major pests of cucumber in greenhouse.**  
Syed Ali Razvi, Yosuf Mahmood Al-Raeesi, Mohd M. B'chir, Najma Mahmood Al-Zadjali, Rashid Al-Shidi and Ahmed Al-Mandhari
- 12:20-12:30** **Discussion**
- 12:30-13:00** **Break**
- 13:00-13:10** **Agro-Economic Assessment of production of major vegetable crops in cooled and non-cooled greenhouses at Rumais research station of Oman.**  
Muther Al-Rawahi & research team.
- 13:10-13:20** **Adaptation of Soilless Growing techniques (closed system) for the production of tomato crop ( Lycopersicum esculantum) under cooled greenhouse condition in Oman .**  
Salim Bin Mohd Al Makhmary & research team.
- 13:20-13:30** **Evaluation of cucumber under hydroponics (closed system ) using perlite as media.**  
Salim Bin Mohd Al Makhmary and research team.
- 13:30-13:40** **Discussion**
- 13:40-14:00** **General Discussion**

**Monday 30 September 2002**

**Field tour to selected sites organized by AREA.**

**Tuesday October 1<sup>st</sup> 2002****Session III****Chairman****Rapportures**

- 8:00 – 8:20** **Recent developments in greenhouse technology for arid & semi arid regions.**  
Wilfried Baudoin, FAO
- 8:20 – 8:30** **Discussion**
- 8:30 – 8:45** **Important of Fingerprinting genomes using PCR with arbitrary primers as genetic Markers for genetic analysis in field crops.**  
Abdullah A Al-Baiz, National Agriculture & Water Research Center, KSA.
- 8:45-8:50** **Discussion**

**Country Presentations-Continued****Qatar**

- 8:50 – 9:00** **Water use efficiency for cucumber crop in Qatar.**
- 9:00 – 9:10** **Study the Critical level of Fertilizer on cucumber Crops in Qatar.**
- 9:10 – 9:20** **Comparative study of cucumber production under cooled and non-cooled GH conditions.**  
Hassan Abu Sukar
- 9:20 – 9:30** **IPPM for protected agriculture in Qatar.**

<b>9:30 – 9:40</b>	<b>Rangeland rehabilitation in Qatar.</b> Mohamed Ali Hassan
<b>9:40-9:50</b>	<b>Discussion</b>
	<b>Saudi Arabia</b>
<b>9:50-10:00</b>	<b>Five years of collaboration work with ICARDA in Al-Jouf Area</b> Abdullah M. Al-Hajoj
<b>10:00 – 10:10</b>	<b>The response of wheat cultivars to deficit irrigation in Central region of Saudi Arabia.</b> A. Alhamdan and A. Habib
<b>10:10 – 10:20</b>	<b>Performance, Productivity and Water Use Efficiency of Five Indigenous Forage Grasses under Central Saudi Arabia Environmental Conditions.</b> A. Alshankiti, A. Alhamdan, A. Habib, A. Aljouiead, A.E. Osman.
<b>10:20 – 10:30</b>	<b>Discussion</b>
<b>10:30 – 10:50</b>	<b>Break</b>
	<b>Session IV</b>
	<b>Country Presentations-Continued</b>
	<b>Yemen</b>
	<b>Chairman</b>
	<b>Rapportures</b>
<b>10:50- 11:00</b>	<b>Seed multiplication of endogenous forage grasses in the Northern Highlands of Lehej, Yemen.</b> Ali Abdul Malek and Nageeb Al-Munaifi
<b>11:00- 11:10</b>	<b>Assessment and seed multiplication of important forage grasses in Highlands and coastal area in Yemen.</b> Jumhouria Ahmed
<b>11:10- 11:20</b>	<b>Discussion</b>
<b>11:20 – 11:30</b>	<b>Range development in Wa’alan area, Yemen.</b>
<b>11:30- 11:40</b>	<b>Range development in Om Bahara-Al-Kod, Yemen.</b>
<b>11:40 – 11:50</b>	<b>Progress achieved in Restoration of Range land in selected site of Wadi Al-Khawn (Seiyn), Yemen.</b> Ahmed Salem Bataher
<b>11:50-12:00</b>	<b>Discussion</b>
<b>12:00-12:10</b>	<b>Review of research activities in water component implemented in Yemen throughout the project period.</b> Hadi Shobaihi
<b>12:10-12:20</b>	<b>Implementation of IPPM program for GH growers in Sa’ada, Yemen.</b> Khalid Al-Mehfadi, Adnan Al-Qureshi, Abdulla Al-Jafari
<b>12:20-12:30</b>	<b>Production of cucumber in protected agriculture in the mountain terraces of Al-Turba area in Taiz, Yemen.</b> Khalid Al-Qurashi and Khairi Al-Abyadh
<b>12:30-12:40</b>	<b>Introduction of protected agriculture in Al-Mahweet terraces in Yemen.</b> Mohamed Al-Dhobhani
<b>12:40-12:50</b>	<b>Discussion</b>
<b>12:50-13:20</b>	<b>Work plan for 2002/2003 season</b>
<b>13:20-13:30</b>	<b>General Discussion</b>
<b>13:30-14:00</b>	<b>Break</b>
<b>14:00</b>	<b>Closing Ceremony</b>

## ANNEX 4

## List of participants in APRP brain storming meeting . Sana'a, Yemen 2ndSeptember 2002

NB.	COUNTRY	NAMES	ORGANISTAION	Position
1	ICARDA	Dr. Ahmed T. Moustafa	ICARDA-APRP	Acting R.C. & PA Specialist
2	ICARDA	Dr. Ahmed Osman	ICARDA-APRP	Pasture Forage & Range Ecologist
3	ICARDA	Dr. Asadullah Al Ajmi	ICARDA-APRP	Water Specialist
4	FAO	Dr. Wilfried Baudoin	FAO	Senior Officer, Horticultural crops.
5	UAEU	Dr. Ahmed Al Maasoum	UAE University	Associate Professor of Horticulture
6	BAHRAIN	Isam Mustafa A-Razaq	Ministry of Housing & Agriculture	Manager, farm Operation & Maintenance Dept.
7	QATAR	Abdullah Jasim Albou Ainain	Ministry of Municipal Affairs & Agriculture	Head of Agriculture Research Dept.
8	QATAR	Abdul Rahman S.Al-Mohamadi	Ministry of Municipal Affairs & Agriculture	Agriculture Eng.
9	OMAN	Abdul Aziz Bin Salim Al Harthy	Ministry of Agriculture & Ficherie	Asst. D. G of Agriculture for Research & Extension
10	OMAN	Dr. Ahmed Nasser A.Al-Bakry	Ministry of Agriculture & Ficherie	DG of Plant Research Production Center
11	KUWAIT	Salwa Sultan Saad Al-Oraifan	The Public Authority for Agriculture Affairs and Fish Resources	Technical Co-ordinator
12	KUWAIT	Amal Abdulkareem	The Public Authority for Agriculture Affairs and Fish Resources	Sample Analyst
13	Saudia	Mohammed Al-Mazroui	Ministry of Agriculture & Water	Director General, Agricultural Research Dept. - NC-APRP
14	Saudia	Dr. Abdul Rahman S. Al-Habib	National Agriculture & Water Research Center	Head, Soil & Irrigation Section
15	Saudia	Dr. Abdullah . Al-Hajoj	Ministry of Agriculture & Water	Head, Range Management section
16	Saudia	Abdullah Ali Al-Baiz	National Agriculture & Water Research Center	Head of Genetic Engeneering
17	Saudia	Dr. Abdullah Shankiti	National Agriculture & Water Research Center	Researcher
18	UAE	Dr.Abdullah H. Abboudi	Ministry of Agriculture and Fisheries	Director of Research & Plant Production Department
19	Yemen	Dr. Ismail Muharram	Agriculture Recherche & Extension Authority (AREA)	Chairman
20	Yemen	Dr. Abdul W. Mukred	Agriculture Recherche & Extension Authority (AREA)	Vice Chairman
21	Yemen	Dr.Hadi Shubaihi	Agriculture Recherche & Extension Authority (AREA)	National Coordinator-APRP
22	Yemen	Mohamed Dhubhani	Agriculture Recherche & Extension Authority (AREA)	
23	Yemen	Ali Abdul Malek	Agriculture Recherche & Extension Authority (AREA)	
24	Yemen	Gameel Sallam	Ministry of Agriculture & Irrigation	
25	Yemen	Dr. Khader B. Atroosh	Agriculture Recherche & Extension Authority (AREA)	Head of water resources section

## **Annex 5**

### **Regional Steering Committee Meeting (RSCM). Sana'a, Yemen 2 October 2002**

#### **Program**

<b>09:00 –09:30</b>	Opening of APRP RSCM <ul style="list-style-type: none"><li>• Holy Qur'an</li><li>• Welcome Statement, Dr. Ismail Muharram, Chairman, AREA.</li><li>• ICARDA Statement, Dr. William Erskine, Assistant Director General for Research, ICARDA.</li><li>• Opening Statement, H.E. Mr. Ahmed Salem Al Jabaly, Minister of Agriculture and Irrigation, Yemen.</li></ul>
<b>09:30 – 10:00</b>	Coffee Break
<b>10:00 – 14:00</b>	APRP RSCM
<b>14:00</b>	Official Lunch Hosted by :ICARDA

#### **Agenda**

**Time 9:00– 14:00**

**Item 1.** Adoption of the Proposed Agenda and Program.

**Item 2.** Adoption of the Minutes of last RSCM

**Item 3.** Matters arising from Minutes

**Item 4.** Achievements and future planning

Presentations by Dr. A. Moustafa & Dr. A. Osman

**Item 5.** APRP Budget & Financial report

**Item 6.** Training Programs and Workshops for 2001/2002

**Item 7.** Date and Place for next RTCM and RSCM

**Item 8.** Any Other Business

**Item 9.** Closing Remarks