

Afghanistan-Pakistan Activities
Quarterly Report XI
(April – May – June 2005)
Sustainable Development of Drylands Project
IALC-UIUC

Introduction

As we near the mid-point in our four year commitment to the IALC-ANE Cooperative Agreement, we are able to report real and measurable progress toward what has been the larger and long range goal: Human Capacity Development for the Agriculture Sector in Afghanistan. We continue to be alert for signals and guidance on ways the unique set of NWFPAU resources can be used to support recovery in Afghanistan, as we move toward the more distant goal of building an in-country capacity to deliver training programs that are needed by the agriculture sector.

Looking toward the next two years of the Cooperative Agreement, there is cause for concern about supplemental funding because additional support will be needed to deliver programs that can not be financed through our limited core funding. The \$484,000 AID-Islamabad buy-in has made a huge difference, but we are not sure that funding stream will continue. The possibility of securing traditional or direct buy-in support through AID-Kabul has almost been eliminated. The job order submitted to RAMP-Kabul last year, requesting \$648,200 in supplemental support, was reduced to \$178,000. With the RAMP project scheduled to end in June 2006, it is unlikely we will get more assistance from that source. At the moment, funds that are controlled by USDA and allocated for agricultural development in Afghanistan may be a source of the supplemental funding that we need. We are pursuing that possibility.

In spite of an uncertain future, examples of “real and measurable progress” are reported below in the form of accomplishments during the April – May – June quarter:

Details on Activities this Period

1. Short course offerings for calendar year 2005 were completed

Given that RAMP was not able to fund 2005 short courses, the AID-Islamabad buy-in funds were combined with our limited core funds to provide support for a total of six courses. It was our decision to complete these short course offerings during the spring semester and before summer break, while most NWFPAU faculty were available for teaching assignments. A summary of the completed 2005 short courses is as follows:

	<u>Title</u>	<u>Dates</u>
1.	Animal Health	January 31 to February 28
2.	Poultry Husbandry	January 31 to February 28
3.	Teaching Methodology and Communication Skills	March 7 to April 6

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|----|--|--------------------|
| 4. | Soil Management | March 7 to April 6 |
| 5. | Irrigation and Water Management
Practices for Agricultural Officers | April 11 to May 7 |
| 6. | Post Harvest Management and
Marketing Skills | April 11 to May 7 |

Detailed information (course outlines, participant lists and evaluations) for courses 1 and 2 above were attached to the previous quarterly report. Those same details for courses 3 through 6 are included with this report. As with previous short courses, the 2005 offerings were filled to capacity with 20 participants in each course. Thus far, a total of 361 Afghan agriculturists (including 36 women) have been reached through 19 of these early impact, train-the-trainers technical short courses.

2. Progress was made in assembling the resources and individuals needed to establish and operationalize an English Language Improvement Center at the NWFP AU. Through assistance from faculty in the UIUC Division of English as an International Language (DIEL), contact was made with Julia Walters in the U.S. Department of State, Office of English Language Programs and subsequently with Richard Boyum, the Regional English Language Officer (RELO). Mr. Boyum is moving from Bangkok in July to his next post in New Delhi. From that post he will cover Pakistan. Mr. Boyum plans to spend time in Islamabad and Peshawar in August. He will use that on-site opportunity to offer specific suggestions on instructional materials that can be purchased for the NWFP AU English Language Center, using funds (\$10,000) allocated via the AID-Islamabad buy-in. Prof. Ibrahim Khattak, Chairman of the NWFP AU English Department, has been briefed on these plans and is prepared to work with Mr. Boyum.

3. Progress has also been made toward meeting the AID-Islamabad request that we assist the NWFP AU in establishing an Office of International Programs and Services. A more specific element of that request is for help in the preparation of promotional materials that will bring attention and visibility to the NWFP AU and highlight their potential to serve as a resource base for the development assistance community that is operating in Afghanistan and the Central Asia region. The three briefing sheets that have been produced by our component can provide the basic ingredients for brochures and various types of media, because they document contributions the NWFP AU has made to Human Capacity Development for the Agriculture Sector in Afghanistan. The International Programs and Services Office will be needed, as will the English Language Improvement Center, when additional students from Afghanistan and Central Asian countries enroll at the NWFP AU for degree study. In addition to providing support services to foreign students, this office will also facilitate linkages and cooperative relationships with counterpart universities in Afghanistan and the region.

An important step in making the Office of International Programs and Services a reality, will be the appointment of a Director. This appointment has not been made because the previous Vice-Chancellor (Dr. S. Iqbal Shah) completed his four year term in April and was replaced by an Acting Vice-Chancellor, Dr. Said Khan Khalil. Prof. Khalil has just been appointed permanent Vice-Chancellor by the governor of the NWFP. The new

Vice-Chancellor's decision, appointing a Director of the International Office, is expected soon. This person will be a key member of the new administrative team and will work with the Illinois team to establish and operationalize this new office.

4. The two recently-retired NWFP AU professors who spent the spring semester at Kabul University had a very productive stay on that campus. Dr. Naseer Hussain (University of Wyoming Ph.D.) and Dr. Paigham Shah (University of Illinois Ph.D.) served as visiting professors of Entomology and Agronomy respectively. Their assignments were funded through the AID-Islamabad buy-in. The Dean of Agriculture at Kabul University (Prof. Mohsini) has expressed a strong desire to continue the flow of visiting professors from the NWFP AU to cover other disciplines that he will identify.

5. The 10,500 reprinted textbooks, mentioned in last quarter's report and funded via the Islamabad buy-in, are being distributed within Afghanistan. Michael Spangler, a representative of the U.S. Consulate in Peshawar, visited the NWFP AU campus in early April at the time these textbooks were delivered. He was pleased to see the new USAID logo on the cover of these books and was impressed by contributions the NWFP AU is making toward the improvement of cross-border relationships with Afghanistan.

During early June travel to Afghanistan by road, Dr. Qayyum (UIUC Field Office Director) delivered 120 textbooks to Nangarhar University in Jalalabad and 200 to the Kabul University Faculty of Agriculture. These six-volume sets of textbooks were also placed on the desks of key individuals in USAID-Kabul, at the RAMP project office and in the Ministry of Agriculture. During the coming weeks these textbooks will be distributed to other universities in Afghanistan, to cooperating NGO's, and to USDA personnel with the Provincial Reconstruction Teams, as well as to any others who can benefit from reference materials that are written by local authors and deal specifically with agro-climatic conditions in the South-Central Asia region.

6. Linkages between the NWFP AU and selected Afghan universities are another activity being funded by AID-Islamabad. An early April visit to the NWFP AU campus and research system by the President of Balkh University (Eng. Habibullah Habib) and Abdul Qayyum Ansari, Dean of the Faculty of Agriculture; initiated the process of establishing a working relationship between those two universities. Our Field Office Director is continuing to work on arrangements for a similar visit to Peshawar and the NWFP by a delegation from the Kabul University Faculty of Agriculture.

7. Much time during the past quarter was invested in the production of briefing sheets and information pieces. These pieces have already been distributed widely and proven especially useful. Although they are no longer "new" to most people reading this report, the three information pieces completed thus far are included as an attachment so they can become part of the record of accomplishments this quarter. The first briefing sheet was produced at the request of our Project Director. The two-page information piece (#2) on "An Institution-Building Success Story" and #3 on "Distribution of Short Course Participants by Provincial Duty Station" were produced at the suggestion of our CTO in USAID-ANE and reflect his generous contribution of input and ideas.

8. The ten university lecturers (five from Nangarhar and five from Kabul) who are enrolled in M.Sc. programs at the NWFP AU continue to perform well academically and are still on track to complete their degrees in December 2006. The remaining months of their study will be funded through a job order with the RAMP Project and a subsequent Grant Agreement between UIUC and RAMP-Kabul. A special section is included with this report to introduce this group of ten M.Sc. candidates via individual photos and bio-sketches. We will continue to work with the contents of this attachment, eventually producing information piece #4 which will feature these ten university staff members.

9. The Afghanistan-Pakistan Training (APT) Group continues to meet on a twice-yearly basis to provide valuable advice based on their many years of collective experience in the Afghanistan-Pakistan region and their working knowledge of USAID. The APT meeting on June 23 coincided with the visit of Drs. Qayyum and Chishti, while they were conducting business at UIUC prior to their participation in the IAMA conference and the post-conference workshop on “Building New Partnerships in the Global Food Chain” that was held in Chicago June 25-30. Dr. Qayyum presented a “Report from the Field” to the APT group, which featured the presentation he and Dr. Chishti had prepared for the above-mentioned workshop. Their paper submission and workshop presentation was titled “Training the Trainers in Post-Conflict Arenas: Experiences from Afghanistan and Pakistan”. The June 23 APT agenda included a review and assessment of both the IALC/UIUC training project in Afghanistan and the ALO/USAID project through which SIUC, UIUC and the NWFP AU are assisting the Faculty of Agriculture at Balkh University in Mazar-e-Sharif, Afghanistan.

10. The post-IAMA workshop mentioned in item 9 was sponsored by USAID, the IALC, UIUC and the World Bank. This workshop gave us an opportunity to share our accomplishments – and to explore networking possibilities – with the more than 140 participants who represented all sectors of the development assistance community. It was an extremely valuable experience for all involved and gave the Afghanistan-Pakistan component widespread visibility that will likely pay dividends. In addition to the Qayyum/Chishti presentation, the three information pieces on our component were displayed in 3’ X 4’ poster format during the workshop. The participation of Drs. Chishti and Qayyum in the IAMA conference and post conference workshop were also funded through the AID-Islamabad buy-in. We hope this workshop becomes an annual event.

Activities Planned for the Following Quarter (July – August – September):

It goes without saying, that many of the activities described in the ten points above will require follow up and continuing attention. One activity that did not receive sufficient attention last quarter due to time constraints, is in the area of research collaboration and linking research stations in Afghanistan with counterpart stations in the NWFP.

Previous reports have given details on the 24 Afghan research scientists who were sent to the NWFP, individually and in small groups, to receive training in research methodology and to initiate research collaboration with their Pakistani counterparts. These training

programs were carried out at three locations in the NWFP and concentrated on three specific areas: 1) Maize breeding and agronomy at the Cereal Crops Research Institute (CCRI) in Nowshera 2) Horticultural commodities at ARS-Mingora and 3) Soil Management at the Agricultural Research Institute-Tarnab. The Afghans involved in these Pakistan-based training programs came from two stations: Sheshambagh near Jalalabad and Darul-Amaan near Kabul. The Islamabad buy-in provides resources to balance the research training that has been done thus far and move this collaboration to the next level. This will be done by sending selected Pakistani scientists to Afghanistan to mentor and work in an on-the-job setting with their counterparts. This “matching” or “reverse” of the research linkages that have been established up to this point will begin by sending researchers from CCRI, ARI-Tarnab and ARS-Mingora to Sheshambagh, Darul-Amaan and other stations in Afghanistan. We can use these linkages as a platform from which to expand and involve an ever-widening circle of scientists, research stations and areas of collaboration. Our objective is to send a total of 24 Pakistani scientists to Afghanistan for two-week assignments at a wide range of research installations. This activity will be given priority attention during the next quarter.

Another item that is high on our agenda is the continuing search for financial support for the twenty individuals who have been nominated, selected and accepted for M.Sc. degree study at the NWFP AU. This group of 20 was identified in late 2004 and a list of these potential degree candidates was included with our report for the fourth quarter of last year. As that list explained, this group comes from five different universities in Afghanistan and from the Ministry of Agriculture, Animal Husbandry and Food. They are nominated for study in an assortment of disciplines. Thus far AID-Kabul, AID-Islamabad and the RAMP project have responded negatively to our requests for the funds needed to support this long term training. We will continue our search.

It also goes without saying that July and August are months when many of us try to fit in vacation plans and take annual leave. The level of activity may be slightly less this quarter.

COURSE SCHEDULE-1405
TEACHING METHODOLOGY AND COMMUNICATIONS SKILLS
USAID/IALC/UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN/NWFP/AU
MARCH 7TH TO APRIL 6TH, 2005

Date/Day	08:00-09:00	09:00-10:00	10:00-10:15	10:15-11:15	11:15-12:15	12:15-12:30	12:30-01:30	01:30-02:30
1st Week								
March 7, Monday	Workshop Objectives (Dr. A. Qayyum)	Overview of the Topic (Ibrahim)	Tea Break	Designing & Organizing Lecture (M. Asrar)	Teaching & Learning (Ibrahim)	Tea Break	Advantages of Lecture Method (Arshad)	Teaching Strategies (Ibrahim)
March 8, Tuesday	Limitation of Lecture Method (M. Ibrahim)	Lecture Demonstration Method (A. Afridi)	Tea Break	Characteristics of Good Demonstration (Ibrahim)	Limitation of Demonstration (Ibrahim)	Tea Break	Justification of Demonstration (Ibrahim)	Teaching Strategies (Ibrahim)
March 9, Wednesday	Motivation in Teaching (Ibrahim)	Factors Affecting Demonstration (Iffat)	Tea Break	Project Method (Ibrahim)	Principles of Project Method (A. Afridi)	Tea Break	Making Teaching Effective (Ibrahim)	Coping with Stage Fright (Ibrahim)
March 10, Thursday	Limitation of Project Method (Ibrahim)	Advantages of Project Method (Wazim)	Tea Break	Step in Teaching (Ibrahim)	Programmed Learning (Ibrahim)	Tea Break	Limitation of Program Instruction (Arshad)	Learning Theories (Ibrahim)
March 11, Friday	Steps in Problem Solving Discovery Learning (Ibrahim)	Type of Program Instruction (Ibrahim)	Tea Break	Individualized instruction (Ibrahim)	Micro Teaching (Ibrahim)	Friday Prayer break		
March 12, Saturday	Limitation of Micro Teaching (Ibrahim)	Component of Micro Teaching (Ibrahim)	Tea Break	Advantages of Micro Teaching (Ibrahim)	Inductive Method (Wazim)	Tea Break	Limitation of Inductive Method (Ibrahim)	

Date/Day	08:00-09:00	09:00-10:00	10:00-10:15	10:15-11:15	11:15-12:15	12:15-12:30	12:30-01:30	01:30-02:30
March 13, Sunday Break								
2nd Week								
March 14, Monday	Deductive Method (Ibrahim)	Merit of Deductive Method (Asrar)	Tea Break	Limitation of Deductive Method (Ibrahim)	Heuristic Method (Arshad)	Tea Break	Merit of Heuristic Method (Ibrahim)	
March 15, Tuesday	Limitation of Heuristic Method (Ibrahim)	Selected Motivation Principles (Asrar)	Tea Break	Classroom Application of Motivation (Ibrahim)	Analytical Method (Iffat)	Tea Break	Merit of Analytical Method (Iffat)	Classical Conditioning & Learning (Ibrahim)
March 16, Wednesday	Methods of Teaching (Ibrahim)	Synthetic Method (Asrar)	Tea Break	Merit of Synthetic Method (Arbab)	Planning of Experiment (Paigham Shah)	Tea Break	Laboratory Method (Ibrahim)	Instrumental Conditioning & Learning (Ibrahim)
March 17, Thursday	Interactive Teaching Approach (Ibrahim)	Discussion Method (Iffat)	Tea Break	Encouraging Participation (Ibrahim)	Closing Discussion (Ibrahim)	Tea Break	Planning of Experiment (Dr. Paigham Shah)	Planning of Ex. Design for Crop (Dr. Paigham Shah)
March 18, Friday	Individual Differences in Teaching (Ibrahim)	Importance of Audio-Visual (Iffat)	Tea Break	Characteristic of Audio-Visual (Ibrahim)	Classification of Audio-Visual (Arbab)	Tea Break	Friday Prayer Break	
March 19, Saturday	Preparing Audio-Visual (Ibrahim)	Improving Teaching Through Cognition (Ibrahim)	Tea Break	Taxonomy of Affective Objectives (Arshad)	Humanistic Teacher (Ibrahim)	Tea Break	Teaching for Creative Development (Wazim) Visit to IER	
March 20, Sunday Break								
3rd Week								
March 21, Monday	Effective Teacher (Ibrahim)	Role of Affective Objective (Arshad)	Tea Break	Moral Development (Asrar)	Teaching Disabled (Ibrahim)	Tea Break		

Date/Day	08:00-09:00	09:00-10:00	10:00-10:15	10:15-11:15	11:15-12:15	12:15-12:30	12:30-01:30	01:30-02:30
March 22, Tuesday	Individualized Instruction (Ibrahim)	Teaching Gifted (Arshad)	Tea Break	Communication in Class (Iffat)	Assignment Correction (Wazim)	Tea Break	Effective Classroom Climate (Ibrahim)	
March 23, Wednesday National Holiday Break								
March 24, Thursday	Direct & Indirect Teaching Flanders (Ibrahim)	Characteristic of Good Teacher (Asrar)	Tea Break	Classroom Typology (Ibrahim)	Role of Personality in Teaching (Iqbal)	Tea Break	Developing Students Personality (Ibrahim)	
March 25, Friday	Piaget Suggestion for Learning Improving (Ibrahim)	Essential of Lesson Planning (Ibrahim)	Tea Break	Facilitating Learning in Classroom (Ibrahim)	Making Teaching Meaningful (Ibrahim)	Tea Break	Friday Prayer Break	
March 26, Saturday	Language Development In Classroom (A. Chusti)	Solution for Classroom Management (A. Chusti)	Tea Break	Essential of Lesson Planning (A. Chusti)	Taxonomy of Ed. Objective (A. Chusti)	Tea Break	Facility Memory in Classroom (Ibrahim)	
March 27, Sunday Break								
4th Week								
March 28, Monday	Lesson Planning (Arbab)	Improving Interaction in Classroom Teaching (Iqbal)	Tea Break	Writing Instructional Objectives (Iqbal)	Characteristics of Lesson Planning (Iqbal)	Tea Break	Instructional Technologies (Iqbal)	Need of Training (Iqbal)
March 29, Tuesday	Criteria for Assessing Lesson Planning (Ibrahim)	Characteristic-s of Lesson Planning (Asrar)	Tea Break	Modified Steps in Lesson Planning (Ibrahim)	Disruptive Behavior Classroom (Ibrahim)	Tea Break	Essential of Lesson Planning (Ibrahim)	

Date/Day	08:00-09:00	09:00-10:00	10:00-10:15	10:15-11:15	11:15-12:15	12:15-12:30	12:30-01:30	01:30-02:30
March 30, Wednesday	Model Lesson Planning (Ibrahim)	Professional Teachers (Asrar)	Tea Break	Need for Training of Orientation (Ibrahim)	Promoting Learning Process (Ibrahim)	Tea Break	Paper Setting (Ibrahim)	Promoting Learning (Ibrahim)
March 31, Thursday	A.V. Aids (Arbab)	Effective School (Ibrahim)	Tea Break	Model Lesson (Ibrahim)	Writing Question Paper (Ibrahim)	Tea Break	Field Teaching (Dr. Asghar Hussain)	
April, 1 Friday	Promoting Learning Process (Ibrahim)	School Administration (Iffat)	Tea Break	Steps of Lesson Planning (Ibrahim)	Programmed Learning (Ibrahim)	Tea Break	Friday Prayer break	
April 2, Saturday	Students prepare lesson plan with the help of coordinator in library/classroom. 08:00-02:30							
April 3, Sunday Break.								
5th Week								
April 4, Monday	Micro-Teaching-Participant Presentation under Coordinator Supervisor. 08:00-02:30							
April 5, Tuesday	Micro-Teaching-Participant Presentation under Coordinator Supervisor. 08:00-02:30							
April 6, Wednesday	Closing: Certificate Awarding Ceremony/Refreshments.							

Approved By:

Dr. Abdul Qayyum Khan
Director, UIUC Field Office

Prof. M. Ibrahim Khattak
Course Coordinator

Resource Persons

	Name	Specialization
1.	Mr. Muhammad Ibrahim Khattak Psychology/Communication/TEFL Chairman Department of English NWFP AU. Peshawar	Educational
2.	Dr. Muhammad Asrar Vice Chancellor, City University Peshawar	Educational Administration
3.	Dr. Muhammad Iqbal FEF. Peshawar	Educational Administration
4.	Dr. Iffat Hussian Associate Professor Institute of Education & Research, University of Peshawar	Counseling and Guidance
5.	Mr. Muhammad Arshad Asst. Professor IER. University of Peshawar	Testing & Education
6.	Mr. Rauf Jamil Principal, Islamia Collegiate School, University of Peshawar	Teaching of Science
7.	Mr. Arbab Khan Afridi Associate Professor IER University of Peshawar	Teaching of Social Sciences
8.	Dr. Wazim Khan Director IER University of Peshawar	Teaching of English

Participants List

Course No: 1405 Teaching Methodology and Communication Skills (March 7 through April 8, 2005)

S/ No	Name	Father Name	Age in Year	Specialty :	Deg	Post	Organization Department
1	M. Shapoor Basiri	Abdul Habib	30	DVM	BSc	Lecturer in Vet Fac Nang Uni	Vet Fac Nang Uni
2	Mohammad Azim	Barat Gul	27	DVM	BSc	Lecturer in Vet Fac Nang Uni	Vet Fac Nang Uni
3	Assadullah Dost	Dost Mohammad	28	DVM	BSc	Lecturer in Vet Fac Nang Uni	Vet Fac Nang Uni
4	Rahima Noori	Noor Mohammad	36	Agronomy	BSc	Asst Prof in Agri Fac Kabul Uni	Agri Fac Kabul Uni
5	Masood Patan	Khuja Gul	53	A Breeding	PhD	Assoc Prof in Agri Fac Kabul Uni	Agri Fac Kabul Uni
6	A Khalid Madadi	M Manan	28	P Protection	BSc	Asst Prof in Agri Fac Kabul Uni	Agri Fac Kabul Uni
7	Spian Jan Lalahand	Ali Aasghar	54	A Husbandry	MSc	Asst Prof in Agri Fac Kabul Uni	Agri Fac Kabul Uni
8	Farid A Sherzai	Gul Aqa	46	Agronomy	MSc	Asst Prof in Agri Fac Kabul Uni	Agri Fac Kabul Uni
9	Amanullah Monis	M Amin	42	A Husbandry	BSc	Asst Prof in Agri Fac Balkh Uni	Agri Fac Balkh Uni
10	Shah M.Faqiri	Peer Mohammad	44	Forestry	MSc	Asst Prof in Agri Fac Balkh Uni	Agri Fac Balkh Uni
11	Amrudin Fakhri	Fakhrudin	43	Mechanization	MSc	Asst Prof in Agri Fac Balkh Uni	Agri Fac Balkh Uni
12	Niamatullah	Payndamohammad	30	Agronomy	BSc	Asst Prof in Agri Fac Kand Uni	Agri Fac Kand Uni
13	Mohammad Iqbal	Sayed Habib	27	Agronomy	BSc	Asst Prof in Agri Fac Kand Uni	Agri Fac Kand Uni
14	Padshah Khan	Zundi Khan		A Husbandry	MSc	Lecturer in Agri Fac Nang Uni	Agri Fac Nang Uni
15	Noor Ali Noor	Said Amir	30	Extension	BSc	Lecturer in Agri Fac Nang Uni	Agri Fac Nang Uni
16	Said Shali Hemat	Gul Wali Khan	49	A Science	BSc	Lecturer in Agri Fac Nang Uni	Agri Fac Nang Uni
17	Farid AhmadTanin	Gulmohammad	32	Pharmacy	BSc	Lecturer in Vet Fac Kabul Uni	Vet Fac Kabul Uni
18	Sayed Zekria	Khuja Mohammad	23	DVM	BSc	Lecturer In Vet Fac Kabul Uni	Vet Fac Kabul Uni
19	Naqibullah Hamidi	Hameedullah	32	Extension/Eco	BSc	Officer in Extension Dept MAAH	MAAH Kabul
20	Ghulam Dastagir	Guhlam Rabani	38	A Husbandry	BSc	Officer in AH Dept MAAH	MAAH Kabul

Faculty of Veterinary Nangarhar University: 3 Agriculture Faculty Kabul Universities: 4 Agriculture Faculty Balkh University: 3
 Agriculture Faculty Kandahar University: 3 Agriculture Faculty Nangarhar University: 3 Faculty of Veterinary Kabul University: 2
 Ministry of Agriculture and Animal Husbandry: 2

Total Participants for Course No: 1405= 3+4+3+3+3+2= 20

COURSE EVALUATION
TEACHING METHODOLOGY AND COMMUNICATIONS SKILLS-1405

Legend: A= Strongly Agree, B= Agree, C=Disagree, D= Strongly Disagree, E= No Opinion
 No. of Respondents= 20

COURSE EVALUATION

No.		A	B	C	D	E
1.	The course was relevant to your professional responsibilities.	17	2	-	-	1
2.	The course improved your knowledge to a great extent.	10	10	-	-	-
3.	Enough time was given for classroom lecture/discussion.	11	8	-	-	1
4.	Enough time was given for field visits.	-	1	8	10	1
5.	Recent developments in research and latest knowledge of the subject was imparted.	5	13	-	-	2
6.	Problems and issues which you usually encounter during your professional duties were discussed during the course.	4	13	1	-	2

TRAINING METHODOLOGY

1.	Lectures were informative and very helpful in communication of knowledge.	10	10	-	-	-
2.	Group discussions and consultations with instruction provided an excellent opportunity for sharing of experience.	6	7	6	1	-
3.	Field visits provided the chance to see the problems as discussed in the classroom.	-	3	8	7	2
4.	Teaching Methodology was effective.	9	11	-	-	-
5.	Group discussions are more helpful than the lecture.	6	9	1	1	3
6.	Course duration was about right.	7	8	4	-	1

TRAINERS' PERFORMANCE

Give response about the trainer of the course through following statements:

1.	He has good knowledge of the subject.	13	7	-	-	-
2.	He presented the subject matter nicely and spoke clearly.	10	9	1	-	-
3.	He has the ability to relate subject matter with solutions of existing problems.	9	10	-	-	1
4.	He answered trainees' questions satisfactorily.	13	6	-	-	1
5.	His overall performance was good.	12	8	-	-	-

Suggestions for further improvement (if any):

- The course was effective and fruitful.
- One month of course duration was not sufficient, it should be increased.
- A complete book of Teaching Methodology should be provided to us.
- The class room was very small and uncomfortable.

COURSE SCHEDULE
SOIL MANAGEMENT - 1105
USAID/IALC/UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN/NWFPAU
March 7th to April 6th, 2005

Date	Day	8:00 – 10:00	10:00 to 10:30	10:30 – 12:30	12:30 – 2:30
1st WEEK					
07/03	Monday	Introduction of trainees and overview of the training program (Dr. A. U. Bhatti)	Tea Break	Introduction to the subject and its importance(Dr. R.A. Khattak)	Essential plant nutrients and their functions (Dr. M. Tariq)
08/03	Tuesday	Physical Properties of Soils (Dr. A.U. Bhatti)	Tea Break	Chemical Properties of Soils (Dr. R.A. Khattak)	Importance of Soil Microbiology in agric. and environment (Dr. Zahir Shah)
09/03	Wednesday	Micronutrients in crop production (Dr. M. Tariq)	Tea Break	Fertility management strategies (Dr. A.U. Bhatti)	Soil Sampling (Dr. A.U. Bhatti)
10/03	Thursday	Soil erosion and types of erosion (Dr. Farmanullah Khan)	Tea Break	Causes of soil erosion in NWFP and measures adopted for its control (Dr. A.U. Bhatti)	Soil Analysis (Soil Texture) (Dr. A. U Bhatti)
11/03	Friday	Assessment and diagnosis of salinity/sodicity and water logging (Dr. M. Jamal Khan)	Tea Break	Diagnosis of plant nutrient deficiencies (Dr. Izhar-ul-Haq)	
12/03	Saturday	Visit to Lachi (Dr. R.A. Khattak / Dr. M. Jamal Khan)			
2nd WEEK					
14/03	Monday	Reclamation of salt affected soils (Dr. M. Jamal Khan)	Tea Break	Instrumental Methods (Dr. Sajida Perveen)	Instrumental Methods (Practical) (Dr. Sajida Perveen)
15/03	Tuesday	Soil Degradation due to improper/unbalanced use of chemical fertilizers and measures/remedies for its control (Dr. Izahar-ul-Haq)	Tea Break	Integrated plant nutrient management (Dr. A.U. Bhatti)	Soil Analysis (org. matter) (Dr. M. Sharif)
16/03	Wednesday	Management of salt affected soils (Dr. M. Jamal Khan)	Tea Break	Damages caused by soil erosion (Dr. Farmanullah Khan)	Soil Analysis (PK) Practical (Dr. M. Tariq)
17/03	Thursday	Environmental issues and solutions (Dr. R. A. Khattak)	Tea Break	Composting of organic wastes (Dr. Zahir Shah)	Estimation of total N in soil and plant. (Dr. Zahir Shah) Practical

18/03	Friday	Lay out of field experiment at Malakandher Farm (Dr. Aman Ullah Bhatti)			
19/03	Saturday	Visit to Thana (Dr. A.U. Bhatti / Dr. Farmanullah Khan)			
3rd WEEK					
21/03	Monday	Mineral nutrition of fruit trees (Dr. Faridullah Wazir)	Tea Break	Formulation of fertilizer Recommendations for various crops (Dr. Izhar-ul-Haq)	Soil Analysis (Salinity assessment) (Dr. M. Jamal Khan) Practical
22/03	Tuesday	Integrated reclamation and management of salt affected soils (Dr. R.A. Khattak)	Tea Break	Control of Water and Wind erosion (Dr. Farmanullah Khan)	Nuclear techniques in soil Analysis (Mr. H. Nawaz NIFA)
23/03	Wednesday	Public Holiday			
24/03	Thursday	Water Pollution (Dr. Sajida Perveen)	Tea Break	Best management practices for nitrogen fertilizer (Dr. Zahir Shah)	Soil Analysis Micronutrients (Dr. Sajida Perveen)
25/03	Friday	Visit to NIFA and ARI Tarnab Peshawar (Dr. Izharul Haq / Dr. Zahir Shah)			
26/04	Saturday	Spatially variable rate fertilizer technology (Dr. A. U. Bhatti)	Tea Break	Management of legumes for soil and crop productivity (Dr. Zahir Shah)	Soil Analysis (Lime Content) (Dr. M. Sharif)
4th WEEK					
28/03	Monday	Soil conservation activities in Potohar (Dr. M. Rashid/ Dr. A. U. Bhatti)	Tea Break	Land desertification-General view (Dr. R. A. Khattak)	Test exercise for stereovision orientation of stereo pairs of photos and recognition of objects. (Dr. Farmanullah Khan) Practical
29/03	Tuesday	Mechanics of water and wind erosion (Dr. Farmanullah Khan)	Tea Break	Soil Problems of NWFP (Mr. A. Hamid Soil Survey)	Determination of specific gravity of different soils (Dr. Farmanullah Khan)
30/03	Wednesday	Soil health & Use of agrochemicals (Dr. M. S Sarir)	Tea Break	Natural resources of Pakistan with special reference to soil (Dr. M. S. Sarir)	Fertilizer Calculations (Dr. M. Sharif) Practical
31/03	Thursday	Utilization of humic acid for increased agric. Production (Dr. M. S. Sarir)	Tea Break	Natural resources of Pakistan with special reference to Water (Dr. M. S Sarir)	Soil particle analysis by dry sieving, and determination of D ₅₀ particles diameter. (Dr. Farmanullah Khan) Practical
01/04	Friday	Profile description in the field (Mr. Musafir Gul, Soil Survey)			
02/04	Saturday	Agro-forestry in soil conservation Dr. M. Iqbal-Forest Department	Tea Break	Watershed Management Dr. M. Rafiq-PFI	Estimation of Plant available N in soil Dr. Zahir Shah-Practical

04/04	Monday	Digital land resource data and database of NWFP (Mr. Taj Muhammad)	Tea Break		
05/04	Tuesday	Visit to Soil Conservation Works in Peshawar/ Nowshera.			
06/04	Wednesday	Closing ceremony and certificates distribution			

Approved by:

Dr. Abdul Qayyum Khan
Director, UIUC Field Office

Prof. Dr. Aman Ullah Bhatti
Course Coordinator

Participants List

Course No: 1105 Soil Management (March 7 through April 8, 2005)

S/ No	Name	Father Name	Age year	Specialty and Graduated From:	Deg	Post	Universities/ Govt.Dept
1	Zikrullah Safi	M Islam Khan	35	Soil Scie from NWFP Agri Uni	MSc	Lecturer in Agri Fac Kabul Uni	Agri Fac Kabul Uni
2	Mohsen Shah Fallah	Batten Shah	35	Agronomy from Nang Uni	MSc	Asst Prof in Agri Fac Nang Uni	Agri Fac Nang Uni
3	Mahboobullah	Habibullah	28	Agronomy from Nang Uni	BSc	Lecturer in Agri Fac Nang Uni	Agri Fac Nang Uni
4	Sultan Mohammad	Agha M	29	P Protection from Kand Uni	BSc	Lecturer in Agri Fac Kand Uni	Agri Fac Kand Uni
5	Abdul Aziz	Ghiasuddin	27	P Protection from Kand Uni	BSc	Lecturer In Agri Fac Kand Uni	Agri Fac Kand Uni
6	M Akbar Ansary	M Khan	38	Soil Science from Balkh Uni	BSc	Lecturer in Agri Fac Balkh Uni	Agri Fac Balkh Uni
7	Abdul Ghafar	Juma khan	49	Soil Science from Kabul Uni	BSc	Tech in Soil Sc Dept Balkh	Ministry of AAH Kabul
8	Tooryali	Abdul Majeed	30	Plant Science from Balkh Uni	BSc	Tech in Soil Sc Dept Balkh	Ministry of AAH Kabul
9	Aminullah	Amanullah	32	Agronomy from Nang Uni	BSc	Tech in Soil Sc Dept Nang	Ministry of AAH Kabul
10	Sayd Azmar	Mir Hasham	38	Agronomy from Nang Uni	BSc	Tech in Soil Sc Dept Nang	Ministry of AAH Kabul
11	Abdul Saboor	M Sayed	31	Agronomy from Nang Uni	BSc	Tech in Soil Sc Dept Nang	Ministry of AAH Kabul
12	Abdul Waris	Mulazai	41	Agronomy from Nang Uni	BSc	Tech in Soil Sc Dept Nang	Ministry of AAH Kabul
13	Noorma	Sayed Sherin	37	Soil Science from Kabul Uni	BSc	Tech in Soil Sc Dept MAAH	Ministry of AAH Kabul
14	Nasima	M Yasin	46	Trop/sub Agri from Bulgaria	MSc	Tech in Soil Sc Dept MAAH	Ministry of AAH Kabul
15	Ahmad Shah	Asad Khan	31	Plant Science from Kabul	BSc	Tech in Soil Sc Dept MAAH	Ministry of AAH Kabul
16	Abdul Salam	Abdul Saboor	35	Agronomy from Kabul Uni	BSc	Tech in Soil Sc Dept MAAH	Ministry of AAH Kabul
17	Wazir Ahmad	Aziz Ahmad	32	Soil Science from Kabul	BSc	Res officer Darulaman Farm	Ministry of AAH Kabul
18	M Marroof	Mammad Khan	28	Agronomy from Kabul	BSc	Res officer Darulaman Farm	Ministry of AAH Kabul
19	S Jamaluddin	S Jalalddin	30	Horticulture from Kabul	BSc	Res officer Darulaman Farm	Ministry of AAH Kabul
20	Bakhtiary	M Yusuf	35	Agronomy from Kabul	BSc	Res officer Darulaman Farm	Ministry of AAH Kabul

Agriculture Faculty Kabul University: 1 Agriculture Faculty Nangarhar University: 2
 Agri Faculty Kandahar University: 2 Agriculture Faculty Balkh University = 1
 Ministry of Agriculture and Animal Husbandry: 14

Total participants for the Course No: 1105 = 1+2+2 +1 + 14 = 20

COURSE EVALUATION
SOIL MANAGEMENT-1105

Legend: A= Strongly Agree, B= Agree, C=Disagree, D= Strongly Disagree, E= No Opinion
No. of Respondents= 20

COURSE EVALUATION

No.		A	B	C	D	E
1.	The course was relevant to your professional responsibilities.	14	6	-	-	-
2.	The course improved your knowledge to a great extent.	14	6	-	-	-
3.	Enough time was given for classroom lecture/discussion.	19	1	-	-	-
4.	Enough time was given for field visits.	14	4	2	-	-
5.	Recent developments in research and latest knowledge of the subject was imparted.	13	7	-	-	-
6.	Problems and issues which you usually encounter during your professional duties were discussed during the course.	16	4	-	-	-

TRAINING METHODOLOGY

1.	Lectures were informative and very helpful in communication of knowledge.	14	6	-	-	-
2.	Group discussions and consultations with instruction provided an excellent opportunity for sharing of experience.	6	10	-	-	4
3.	Field visits provided the chance to see the problems as discussed in the classroom.	13	7	-	-	-
4.	Teaching Methodology was effective.	17	3	-	-	-
5.	Group discussions are more helpful than the lecture.	10	6	-	-	4
6.	Course duration was about right.	10	9	1	-	-

TRAINERS' PERFORMANCE

Give response about the trainer of the course through following statements:

1.	He has good knowledge of the subject.	15	5	-	-	-
2.	He presented the subject matter nicely and spoke clearly.	13	7	-	-	-
3.	He has the ability to relate subject matter with solutions of existing problems.	13	7	-	-	-
4.	He answered trainees' questions satisfactorily.	16	4	-	-	-
5.	His overall performance was good.	16	4	-	-	-

Suggestions for further improvement (if any):

- One month of course duration was not sufficient. It should be increased to three months.
- Time for practical work be increased.
- This course was very important, positive and beneficial for us and we solved all of our problems.
- Similar courses should be continued in future.

ON-JOB TRAINING COURSE 704
IRRIGATION AND WATER MANGEMENT PRACTICES FOR AGRICULTURAL OFFICERS
(APRIL 11 TO MAY 7, 2005)

SPONSORED BY: USAID

Conducted by

THE DEPARTMENT OF WATER MANAGEMENT, NWFP AGRICULTURAL UNIVERSITY PESHAWAR

COURSE SCHEDULE

Week 1 (April 11-16, 2005)

Date and Day	08:00-10:00	10:00-10:30	10:30-12:15	12:15-14:00
11-04-05 Monday	Arrival, registration and opening ceremony of the course	Tea Break	Course outline, Importance of Irrigation in Afghanistan, Hydrologic Cycle (Dr. Jamal)	Problems of irrigated agriculture Climate and climatic zones of Afghanistan, (Dr. Jamal)
12-04-05 Tuesday	Water Quality for Irrigation (Dr. Tahir)	Tea Break	Surface and Ground Water Resources of Afghanistan. (Dr. Jamal)	Video on Minor Irrigation Scheme Development (Mr. Zubair)
13-04-05 Wednesday	Effect of Weather elements on Water Requirements (Dr. Jamal)	Tea Break	Equipment for Weather data collection (Dr. Jamal)	Video on Crop Water Requirements (Mr. Zubair)
14-04-05 Thursday	Reference Crop Evapo-transpiration (Dr. Jamal)	Tea Break	Visit to Weather Station and AUP Farm (Mr. Zubair)	Reference Crop evapo-transpiration (Zubair/Dr. Jamal)
15-04-05 Friday	Crop Coefficient and Effective Rainfall (Dr. Jamal)	Tea Break	Crop Water Requirement (Dr. Jamal)	
16-04-05 Saturday	Irrigation Water Requirements of wheat and maize (Assignment) (Dr. Jamal)	Tea Break	Irrigation Water Requirement of Apple and Grape (Assignment) (Dr. Jamal)	Irrigation water requirements of potato (Assignment) (Dr. Jamal)

Week 2 (April 18-23, 2005)

Date and Day	08:00-10:00	10:00-10:30	10:30-12:15	12:15-14:00
18-04-05 Monday	Flow measurements, Units of flow measurements, Volume and Velocity area method (Dr. Jamal)	Tea Break	Soil Water Holding Capacity (Dr. Tahir Sarwar)	Soil Moisture Determination Practical (Mr. Nisar Ahmad)
19-04-05 Tuesday	Soil Texture and Structure (Prof. Dr. Riaz A. Khattak)	Tea Break	Current meter for Flow measurement and float method (Dr. Gul Daraz Khan)	Flow Hydraulics and Video on flow hydraulics ((Dr. Gul Daraz Khan)
20-04-05 Wednesday	Flow measurement through Weirs (Dr. Gul Daraz Khan)	Tea Break	Flow measurements by Cut throat flume, RBC flume (Dr. Jamal)	Flow measurement in pipes (Mr. Jamal)
21-04-05 Thursday	Practical for measurements of discharges, by cutthroat flume, current meter and RBC flume and outlet discharges (Dr. Jamal and Tauheed)			
22-04-05 Friday	Eid Milad ul Nabi (National Holiday)			
23-04-05 Saturday	Field excursion for assessment of conveyance losses in irrigation channel by using flume and current meter (Dr. Jamal and Tauheed and Ferooz)			

Week 3 (April 25-30, 2005)

Date and Day	08:00-10:00	10:00-10:30	10:30-12:15	12:15-14:00
25-04-05 Monday	When to Irrigate (Dr. Jamal)	Tea Break	Irrigation Interval (Dr. Jamal)	Critical Period of Irrigation (Engr. Nisar Ahmad)
26-04-05 Tuesday	Depth of Water Application (Dr. Gul Daraz Khan)	Tea Break	Water Distribution Methods (Dr. Gul Daraz Khan)	Practical on Estimation of Soil moisture content in the root zone (Dr. Jamal)
27-04-05 Wednesday	Irrigation Application Methods; Basin Irrigation (Dr. Gul Daraz Khan)	Tea Break	Border Irrigation (Dr. Jamal)	Furrow Irrigation (Dr. Jamal)
28-04-05 Thursday	Sprinkle Irrigation (Dr. Jamal)	Tea Break	Sprinkle and Trickle Irrigation and Video on Trickle irrigation (Mr. Zubair)	Trickle Irrigation (Mr. Zubair/Dr. Jamal)
29-04-05 Friday	Ground Water and Karez System (Engr. Nisar Ahmad)	Tea Break	Field Visit Hand out and data to be collected at the site (Dr. Jamal)	
30-04-05 Saturday	Visit to Sprinkle and Trickle Irrigation site at Swabi (Mr. Zubair and Tauheed)			

Week 4 (May 2, 2005)

Date	08:00-10:00	10:00-10:30	10:30-12:15	12:15-14:00
02-05-05 Monday	Pumps for irrigation; Centrifugal (Dr. Jamal/Mr. Zubair)	Tea Break	Turbine and Submersible Pumps (Mr. Zubair)	Computation of pump capacity (Mr. Zubair/Dr. Jamal)
03-05-05 Tuesday	Causes of Soil Erosion (Prof. Dr. Farmanullah Khan)		Soil Conservation Techniques (Dr. Jamal)	Check dams (Dr. Jamal)
04-05-05 Wednesday	Ponds/min dams for irrigation Structures (Dr. Jamal)	Tea Break	Water harvesting techniques (Dr. Tahir Sarwar)	Watershed Management (Dr. Gul Daraz Khan)
05-05-05 Thursday	Visit to Soil and Water Conservation Site at Kohat, Barani Research Station and Small dam site (Tanda Dam also in Kohat (Dr. Jamal and Tauheed)			
06-05-05 Friday	Terraces for soil and Water Conservation (Dr. Jamal)	Tea Break	Water logging and Salinity (Dr. Tahir Sarwar)	
07-05-05 Saturday	Certificate Distribution Ceremony			

Participants List

Course No: 0704 Irrigation and Water Management Practices for Agricultural Officer (April 11 through March 7, 2005)

Name	Father Name	Age year	Specialty	Deg	Post	Universities/ Govt. Dept
M Arif Shamsi	M Ibrahim		Agronomy	BSc	Lecturer	Agri Faculty Balkh University
Mohammad Nader	Peer Mohammad	44	Engineering	BSc	Officer MEW	Min. of Energy and Water-Kabul
Abadallah khulmi	Ezatullah	47	Engineering	BSc	Officer MEW	Min. of Energy and Water-Kabul
Sayed Jhon	Aqa Jan	41	Engineering	BSc	Officer MEW	Min. of Energy and Water-Kabul
Abdulsaboor	Fires Khan	44	Engineering	BSc	Officer MEW	Min. of Energy and Water-Kabul
Zmarialy	Saidi	31	Agronomy	BSc	Lecturer	Agri Faculty Kandahar Univ.
Faizu Rahman Ibrahim	Noor Mohammad	32	Agronomy	BSc	Lecturer	Agri Faculty Kandahar Univ.
Najibullah	Ahmadullah	31	Agronomy	BSc	Lecturer	Agri Faculty Kandahar Univ.
A Naeim Qarqin	Abdul Rasool	50	Agronomy	BSc	Assistant Professor	Agric Faculty Kabul Univ.
Mohammad Nabi	Mohammad Rasool	31	Agronomy	BSc	Officer	MAAH Kandahar Province
Meherdil	Yar Gul	49	Agronomy	BSc	Officer	MAAH Balkh Province
Abdul Rauf	Noor Mohammad	35	Agronomy	BSc	Officer	MAAH Takhar Province
Dost Mohammad Sediqi	M Seddiq	34	Agronomy	BSc	Officer	MAAH Kunduz Province
Abdul Sidiq	Abdul Nazer	32	Agronomy	BSc	Officer	MAAH Balkh Province
Abdul Qayyum	Syed Ahmad	41	Agronomy	BSc	Officer	MAAH Helmand Province
Zmari	Abdul Aziz	39	Agronomy	BSc	Officer	MAAH Kabul Province
Mohammad Essa Yusufi	Mohammad Ismail	35	Soil Science	BSc	Officer	MAAH Kabul Province
Abdul Khaliq	Abdul Baqi	37	Soil Science	BSc	Officer	MAAH Kabul Province
Said Kaber	Said Abdullah	39	Agronomy	BSc	Officer	MAAH Kabul Province
Rahima Noori	Noor Mohammad	35	Agronomy	BSc	Assistant Professor	Agri Faculty Kabul Univ.

Agriculture Faculty Balkh University: 1 Ministry of Water and Energy: 4 Agriculture Faculty Kandahar University: 3

Agriculture Faculty Kabul Universities: 2 Ministry of Agriculture and Animal Husbandry: 10

Total Participants for Course No: 0704= 1+4+3+2+10= 20

COURSE EVALUATION
IRRIGATION AND WATER MANGEMENT PRACTICES - 0704
HELD AT NWFP AGRICULTURAL UNIVERSITY, PESHAWAR

April 11th through May 7th, 2005

Legend: A= Strongly Agree, B= Agree, C=Disagree, D= Strongly Disagree, E= No Opinion

No. of Respondents= 20

COURSE EVALUATION

No.		A	B	C	D	E
1.	The course was relevant to your professional responsibilities.	13	7	-	-	-
2.	The course improved your knowledge to a great extent.	2	18	-	-	-
3.	Enough time was given for classroom lecture/discussion.	7	13	-	-	-
4.	Enough time was given for field visits.	4	12	4	-	-
5.	Recent developments in research and latest knowledge of the subject were imparted.	9	10	-	-	1
6.	Problems and issues, which you usually encounter during your professional duties, were discussed during the course.	6	13	-	-	1

TRAINING METHODOLOGY

1.	Lectures were informative and very helpful in communication of knowledge.	13	7	-	-	-
2.	Group discussions and consultations with instruction provided an excellent opportunity for sharing of experience.	6	11	3	-	-
3.	Field visits provided the chance to see the problems as discussed in the classroom.	9	11	-	-	-
4.	Teaching Methodology was effective.	7	13	-	-	-
5.	Group discussions are more helpful than the lecture.	7	10	3	-	-
6.	Course duration was about right.	5	10	5	-	-

TRAINERS' PERFORMANCE

Give response about the trainer of the course through following statements:

1.	He has good knowledge of the subject.	15	5	-	-	-
2.	He presented the subject matter nicely and spoke clearly.	14	6	-	-	-
3.	He has the ability to relate subject matter with solutions of existing problems.	14	5	-	-	1
4.	He answered trainees' questions satisfactorily.	16	4	-	-	-
5.	His overall performance was good.	10	10	-	-	-

Suggestions for further improvement (if any):

1. Teaching material was very much but the time was short. It was almost one Semester course. Teaching material was excellent.
2. It will be very useful if the practical work is recorded in the CD for each participant.
3. The teaching material should be translated into Dari language.
4. The course was excellent. Teachers taught the course very well.

Post-Harvest Management & Marketing Skills Course Contents & Schedule

Date	Lecture/Topics	
11.04.05 (Monday)	Inauguration Ceremony Introduction: Introduction of Course coordinators & Participants; Course/Organization of the course and course contents	Dr. Nasrullah Jan
12.04.05 (Tuesday)	Post-Harvest Management & Marketing Skills: An Introduction	Dr. Anwar F. Chishti
13.04.05 (Wednesday)	Marketing Efficiency; Market Structure and Performance	Dr. Anwar F. Chishti
14.04.05 (Thursday)	Post-Harvest Technology: An Introduction Classification of Horticultural Produce	Dr. Nasrullah Jan
15.04.05 (Friday)	Perishability and Produce losses	Dr. Nasrullah Jan
16.04.05 (Saturday)	Computer applications	Dr. Anwar F. Chishti
18.04.05 (Monday)	Post-Harvest Physiology of Fresh Produce	Dr. Nasrullah Jan
19.04.05 (Tuesday)	Commodity Marketing: Stages, Channels & Intermediaries	Dr. Anwar F. Chishti
20.04.05 (Wednesday)	Marketing Research	Dr. Anwar F. Chishti
21.04.05 (Thursday)	Climacteric and Non-Climacteric Product	Dr. Nasrullah Jan
22.04.05 (Friday)	Closed/12 th Rabi-ul-Awal	
23.04.05 (Friday)	Harvesting and Field Handling	Dr. Nasrullah Jan
25.04.05 (Monday)	Field Visit	Dr. Nasrullah Jan
26.04.05 (Tuesday)	The Marketing Mix	Dr. Anwar F. Chishti

27.04.05 (Wednesday)	The Product Concept: Product Lines, Their Extension & Deletions	Dr. Anwar F. Chishti
28.04.05 (Thursday)	Packing Places/Sheds	Dr. Nasrullah Jan
29.04.05 (Friday)	Product Development: Processing & Preservation; Agricultural Wastes/ Byproducts and Value-addition; Quality and Standardization	Dr. Anwar F. Chishti
30.04.05 (Saturday) Marketing	Marketing and Marketing Strategies Market Segmentation: Mass-Versus-Target	Dr. Anwar F. Chishti
02.05.05 (Monday)	Preparation of Apple Juice and Tomato Sauce-Practical at Food Technology Laboratory, ARI, Tarnab	Mr. Jan Muhammad
03.05.05 (Tuesday)	Packaging of Fruit, Vegetable and Root Crops	Dr. Nasrullah Jan
04.05.05 (Wednesday)	Brands and Branding Strategies Price and Pricing Strategies	Dr. Anwar F. Chishti
05.05.05 (Thursday)	Storage	Dr. Nasrullah Jan
06.05.05 (Friday)	Market Risks: Nature, Types & Management Developing Marketing Plan	Dr. Anwar F. Chishti
07.05.05 (Saturday)	Course Evaluation & Concluding Ceremony Course Evaluation & Concluding Ceremony	Dr. Anwar F. Chishti Dr. Nasrullah Jan

Participants List**Course No: 0804 Post Harvest Management and Marketing Skills (April 11 through May 7, 2005)**

S/ No	Name	Father Name	Age year	Specialty	Deg	Post	Universities/ Govt. Dept
1	Gulali	Gul Aqa			BSc	Lecturer	Agri Faculty Kandahar University
2	M Agha						Agri Faculty Kandahar University
3	Rashad Ahmad	Hussain Ahmad	31	Horticulture	BSc	Lecturer	Agri Faculty Nangarhar University
4	M Rahim Rahimi	Safar Mohammad	33	Economics	BSc	Lecturer	Agri Faculty Nangarhar University
5	Habib Rahman	Fazal Rahman	32	Horticulture	BSc	Officer	MAAH Kandahar Province
6	S Abdul Wahid	Syed M Ali	27	Economics	BSc	Officer	MAAH Bamian Province
7	Abdul Latif	Abdul Razaq	35	Horticulture	BSc	Officer	MAAH Nangarhar Province
8	Inamullhaq	Ziaulhaq	27	Extension	BSc	Officer	MAAH Nangarhar Province
9	Assadullah	M Umar	32	Economic	BSc	Officer	MAAH Kabul Province
10	Abdu Rahman	ZarWar Khan	32	Extension	BSc	Officer	MAAH Kunduz Province
11	Shah Mohammad	Ata Mohammad		Extension	BSc	Officer	MAAH Helmand Province
12	M Ali Ansary	Hussain Ali	47	Horticulture	BSc	Officer	MAAH Bamian Province
13	Samiullah	Alijan	39	Horticulture	BSc	Officer	MAAH Kandahar Province
14	Gul Mula Alkozi	Abdul Ghani	47	Horticulture	BSc	Officer	MAAH Nangarhar Province
15	Azimullah Azemi	Fazal Ahmad	27	Horticulture	BSc	Officer	MAAH Kabul Province
16	Mommand Kharoti	Abdul Haq	44	Horticulture	BSc	Officer	MAAH Kabul Province
17	M Ismail			Extension	BSc	Officer	MAAH Kabul Province
18	Besmillah	Abdul Satar	31	Horticulture	BSc	Officer	MAAH Kabul Province
19	Fazal Karim		32	Horticulture	BSc	Officer	MAAH Kabul Province
20							

Agriculture Faculty Nangarhar University: 2 Agri Faculty Kandahar University: 2

Ministry of Agriculture and Animal Husbandry: 15

Total participants for the Course No: 0804 = 19

COURSE EVALUATION
POST-HARVEST MANAGEMENT AND MARKETING SKILLS-0804
HELD AT NWFP AGRICULTURAL UNIVERSITY, PESHAWAR
 April 11th through May 7th, 2005

Legend: A= Strongly Agree, B= Agree, C=Disagree, D= Strongly Disagree, E= No Opinion
 No. of Respondents= 19

COURSE EVALUATION

No.		A	B	C	D	E
1.	The course was relevant to your professional responsibilities.	11	7	1	-	-
2.	The course improved your knowledge to a great extent.	8	11	-	-	-
3.	Enough time was given for classroom lecture/discussion.	14	5	-	-	-
4.	Enough time was given for field visits.	8	6	5	-	-
5.	Recent developments in research and latest knowledge of the subject were imparted.	9	10	-	-	-
6.	Problems and issues, which you usually encounter during your professional duties, were discussed during the course.	7	10	1	1	-

TRAINING METHODOLOGY

1.	Lectures were informative and very helpful in communication of knowledge.	8	10	1	-	-
2.	Group discussions and consultations with instruction provided an excellent opportunity for sharing of experience.	11	8	-	-	-
3.	Field visits provided the chance to see the problems as discussed in the classroom.	7	9	3	-	-
4.	Teaching Methodology was effective.	5	11	2	-	1
5.	Group discussions are more helpful than the lecture.	11	7	1	-	-
6.	Course duration was about right.	5	9	5	-	-

TRAINERS' PERFORMANCE

Give response about the trainer of the course through following statements:

1.	He has good knowledge of the subject.	16	2	-	-	1
2.	He presented the subject matter nicely and spoke clearly.	4	8	6	-	1
3.	He has the ability to relate subject matter with solutions of existing problems.	4	14	-	-	1
4.	He answered trainees' questions satisfactorily.	9	9	-	-	1
5.	His overall performance was good.	6	11	-	-	2

Suggestions for further improvement (if any):

- Course was good and very useful.
- It will be good if teaching material is translated into Dari or Pushto language.
- Time period for the course should be increased.
- In this course I learned many new methods and skills. This kind of course is very effective in the agriculture sector of our country.
- The selection criteria of the course are good. Otherwise unprofessional people would come.

M.Sc. Candidates Enrolled at NWFPAU



Mohammad Saleem Rahimi

Saleem Rahimi was born in Kabul in 1969. He did his B.Sc. in Plant Sciences from the Faculty of Agriculture, Kabul University, Kabul, Afghanistan. In 1990, Mr. Rahimi joined the Faculty of Agriculture, Kabul University as Lecturer and taught courses in Plant Protection Department. In August 2004, Mr. Rahimi was enrolled at the NWFP Agricultural University as a Master student under the Long-Term Degree Program funded by the USAID/IALC/UIUC. Mr. Rahimi's research interest is to work on Sunn Pest which he considers as the serious pest of wheat in Afghanistan.



Sakhidad Saleem

Sakhidad was born in Kabul in 1970. He graduated from Faculty of Agriculture of Kabul University in 1991 by completing his B.Sc in Plant Protection. Mr. Sakhidad joined the Faculty of Agriculture of Kabul University as Lecturer in 1995. In August 2004, he was enrolled in Master Program at the NWFP Agricultural University, Peshawar under the Long-term Degree Training Program funded by USAID/RAMP//UIUC. Mr. Sakhidad is interested in conducting his research on Mycosis Associated with Root-Knot Nematode on Potato and Tomato in Kabul.



Hussain Gul

Hussain Gul was born in Paktia in 1973. Mr. Gul received his elementary education in Pakistan. He did his Bachelor in Agricultural Economics from the Faculty of Agriculture, Kabul University in 1998. He joined Faculty of Agriculture of Kabul University in 1999 as Lecturer in Agricultural Economics Department. Since August 2004, Mr. Gul is pursuing his Master's Program in Agricultural Economics at the NWFP Agricultural University, Peshawar under the Long-Term Degree Training Program funded by USAID/RAMP/UIUC. Mr. Gul's research interests focus on agricultural marketing issues of Afghanistan.



Masood

Masood was born in 1970 in Kunar Province. He got his B.Sc degree in Horticulture from Faculty of Agriculture of the Kabul University in 1998. Mr. Masood received his elementary education in Pakistan before he joined Kabul University for his Bachelor Program. He was appointed lecturer in 1998 in the Department of Forestry and Natural Resources of the Faculty of Agriculture of Kabul University. In August 2004, Mr. Masood was enrolled in M.Sc. Horticulture program at the NWFP Agricultural University, Peshawar under the Long-Term Degree Training Program funded by the USAID/RAMP/IALC/UIUC. His research interests are in Floriculture and Landscaping.

M.Sc. Candidates Enrolled at NWFPAU



Noor Mohammad

Noor Mohammad was born in 1967 in Logar Province of Afghanistan. Noor received his Bachelor degree in Horticulture and Forestry in 1989 from the Faculty of Agriculture of Kabul University. He started teaching in Horticulture and Forestry Department of the Faculty of Agriculture, Kabul University. Mr. Noor was appointed lecturer in 1995 in Horticulture Department of the Faculty of Agriculture of Kabul University. Since August 2004, Mr. Noor is pursuing his M.Sc. program in Horticulture at the NWFP Agricultural University, Peshawar under the Long-Term Degree Training Program funded by the USAID/RAMP/IALC/UIUC.



Najamuddin Najam

Najam was born in 1973 in Laghman Province of Afghanistan. He got his Bachelor Degree in Plant Sciences in 1985 from the Faculty of Agriculture, Kabul University. He was appointed lecturer in 1985 in the Department of Plant Protection of the Faculty of Agriculture of Nangarhar University. Since August 2004, Mr. Najam is pursuing his M.Sc program in Plant Protection at the NWFP Agricultural University, Peshawar under the Long-Term Degree Training Program funded by the USAID/RAMP/IALC/UIUC.



Mohammad Bashir Dodial

Dodial was born in Kabul in 1961. He completed his B.Sc. in Agricultural Extension in 1983 at the Agricultural Extension and Economics Department of the Faculty of Agriculture of Nangarhar University. He was appointed lecturer in 1983 in the Department of Agricultural Extension and Economics of the Nangarhar University. Since August 2004 Mr. Dodial has been pursuing his M.Sc. Program in Agricultural Extension at the NWFP Agricultural University, Peshawar under Long-Term Degree Training Program funded by the USAID/RAMP/IALC/UIUC. Mr. Dodial plans to conduct his research on “Availability and Utilization of Agricultural Extension Services in Jalalabad”.



Abdul Wahab

Abdul Wahab was born in 1975 in Kunar province of Afghanistan. He got his Bachelor Degree in Agronomy in 1997 from the Faculty of Agriculture of Nangarhar University. In 1997 he started teaching as a lecturer in the Faculty of Agriculture of Nangarhar University. Since August 2004, Mr. Wahab is pursuing his M.Sc. program in Plant Breeding and Genetics at the NWFP Agricultural University, Peshawar under the Long-Term Degree Training Program funded by USAID/RAMP/IALC/UIUC. Mr. Wahab is planning to conduct his research on Oilseed crop (Brassica) through which he plans to develop canola variety to meet the oilseeds requirements of Afghanistan.

M.Sc. Candidates Enrolled at NWFP AU



Saidajan Abdiani

Saidajan was born in 1967 in Besud district of Nangarhar Province. He received his B.Sc degree in Horticulture in 1988 from the Department of Horticulture and Forestry of the Faculty of Agriculture of Nangarhar University. He was appointed lecturer in 1988 in Horticulture Department of the Faculty of Agriculture of Nangarhar University and later became Chairman of the Horticulture Department. Since August 2004, Mr. Saidajan is working on his M.Sc. program in Horticulture at the NWFP Agricultural University, Peshawar under the Long-Term Degree Training Program funded by the USAID/IALC/UIUC. Mr. Saidajan plans to conduct his research on “Vegetables Seed Production”, which he considers, will be of great value to Afghan agriculture students and farming community to increase their income through increased production of vegetables.



Mir Hatim Niazi

Niazi was born in 1964 in Laghman Province of Afghanistan. Soon after completing his Bachelor Degree in Animal Science in 1984 from the Faculty of Agriculture of the Nangarhar University, Mr Niazi started teaching in the same faculty. Later Mr. Niazi became Dean, Faculty of Agriculture, Nangarhar University. Since August 2004, Mr. Niazi is pursuing his M.Sc. program in Poultry Science at the NWFP Agricultural University, Peshawar under the Long-Term Degree Training Program funded by the USAID/IALC/UIUC. Mr. Niazi wants to focus his research on medicinal plants to replace antibiotics and vaccine.