



Training Completion Report

Scientific Management of Field Experiments

September 3 - 6, 2014

Organized by

**International Center for Agricultural Research in the Dry Areas
(ICARDA)**



Report Submitted by

Tashkent, Uzbekistan

Training course

A training course on “**Scientific Management of Field Experiments**” was organized by ICARDA on 3-6 September, 2014 at Conference Hall of “Tashkent –Asia” hotel, Tashkent, Uzbekistan. The purpose of the course was to familiarize young researchers with principles and practices involved in designing, managing and data collection of field crop experiments to help to young research in managing and conducting experiments. This training was organized within the framework of the project CRP Dry Land System Twenty two young researchers participated in the training course. The course was delivered through lectures using handouts, power point presentations, online resources and practical exercises. The expertise of a number subject matter present by specialists from ICARDA, AVRDC and CIP utilized in effective delivery of the course contents.

Course contents and schedule

| Date | 09:00 – 13:00 | 14:00 – 18:00 | Resource person |
|------------|---|---------------|------------------|
| 3 Sep, Wed | Course introduction, discussion on scientific methods, principles of field plot experimentation, introduction of experimental designs | | Ram Sharma |
| 4 Sep, Thu | Lay out of on-station and on-farm experiments, data collection, tabulation and entry | | Ram Sharma |
| | Managing field experiments individual groups of crops | | |
| 5 Sep, Fri | Vegetable crops | | Ravza Mavlyanova |
| | Potato | | Durbek Khalikov |
| 6 Sep, Sat | Discussion, summary, conclusions and planning experiments for 2015 | | Ram Sharma |

Outcome

- The participants understood the steps in conducting scientific field experiments.
- The participants obtained better understanding than they had before of the concepts and practical aspects of scientific management of experiments in field crops.
- The participants understood experimental designs suitable for different types of experiments in field crops.
- The participants learned proper methodology of data collection in field experiments

Course Impact

- All participants believed that the course was useful to their institution, their own on-going research activities, and they felt confident to be able to extend the knowledge gained during the training to their co-researchers, to manage and conduct field experiments, to record data of the experimental results and preparing for statistical analysis.

List of the participants

| | Name | Gender | Contact information | Name of Organization |
|----|-----------------------------|--------|--|--|
| 1 | Mr. Bakhadir Ismaylov | Male | qqditi@qsxv.uz | Karakalpakistan Research Institute of Crop Husbandry |
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| 4 | Mr. Parhod Nazarov | Male | Parhod@list.ru | Uzbek Scientific-research Institute of Horticulture, Viticulture and Winemaking named acad. M. Mirzaev |
| 5 | Mr. Shuhrat Akhmedov | Male | axmedovshuhrat@gmail.com | Uzbek Scientific-research Institute of Horticulture, Viticulture and Winemaking named acad. M. Mirzaev |
| 6 | Mr. Tulkun Yuldashev | Male | t.yuldashev@cgiar.org | Irrigation -Drainage specialist |
| 7 | Mr. Saidjon Teshaboev | Male | steshaboev@inbox.ru | Andijan Regional Organization of Agriculture and Water Management |
| 8 | Mr. Abduvali Muminov | Male | +99890555348 | Namangan experimental research station of Andijan Research Institute of Grain and Legumes |
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| 13 | Dr. Shirin Babadjanova | Female | Shirinka_74@mail.ru | Urgench State University |
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| 20 | Dr. Dinara Muzafarova | Female | d.muzafarova@cgiar.org | ICARDA, Crop Improvement |
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Male: 16

Female:6