

**The report on Component 1 - Landscape Ecology and Biodiversity under the Central Asia Regional Integrated Pest Management Project,
October 01, 2008 – January 31, 2009**

1. Conduct research on landscape ecology to enhance biodiversity and biological pest management.

Activity 1.1. Screening of native plants for attractiveness to natural enemies of pests.

- All data was collected Arthropods from field Experiment in Tajikistan and Kyrgyzstan for 2008 was identified to Family level and entered into Excel sheet.
- Collected data from field study 2007-2008 will be analyses through SAS Institute Program with Doug/Lab
- Based on obtained data with result of SAS Institute Program we will published till May 2009 2 article (one in Russian and other in English)

Activity 1.2. Nectar plant stripe

- All data was collected Arthropods from field Experiment in Tajikistan for 2008 was identified to Family level and entered into Excel sheet.
- Collected data from field study 2007-2008 will be analyses through SAS Institute Program with Doug/Lab
- Based on obtained data with result of SAS Institute Program we will published till May 2009, 1 article (one in Russian)

Evaluate wheat nursery for resistance to cereal leaf beetle (CLB)

Activity 4. 1. Screening of wheat varieties for resistance to Cereal leaf beetle (CLB).

Wheat seeds were received from Biodiversity and Integrated Gene Management Program (BIGMP) of Entomology section from ICARDA in 26 November 2008 and was planting in November 30, 2008. The Research plot on “Screening of wheat lines resistance to Cereal Leaf Beetle (CLB)” for 2008-2009 seasons was designed according received scheme on the a 130 Bread wheat lines (CLB) and susceptible checks repeated after every nine entries. All activities were done in collaboration with research staff of Department of Plant Protection of Tajik Research Institute of Farming of Tajik Academy of Agricultural Science. *The report with some photos was send to Dr. Mustafa El Bohsinii as Coordinator of Program/ICARDA.*

Forum/Workshop/Seminars/Conference

- I made Power Point presentation based on Flowering plant study experiences in Tajikistan with title “The role of nectar plants on attraction natural enemies in agrolandscapes”, Saidov N.Sh., Landis D.A., Fiedler A., Nazirov V.K., Khalimov A. Proceeding of the International Scientific-Practical Conference dedicated to the 60th Anniversary of Department of Biology of National University of Tajikistan. Dushanbe December 19-20, 2008.
- I made Power Point presentation based on Flowering plant study experiences in Tajikistan with title “LANDSCAPE ECOLOGY AND BIODIVERSITY TO ENHANCE BIODIVERSITY AND BIOLOGICAL PEST MANAGEMENT” Nurali Sh. Saidov and Douglas A. Landis on 9th International Conference on Dryland Development, Sustainable Development in the Drylands Meeting the Challenge of Global Climate Change, 7-10 November 2008, Alexandria, Egypt. The Abstracts of oral presentations was published on Conference Materials on p. 82-83 (in English).
- In the same conference jointly with Dr. Abdusattor Saidov we made Power Point presentation with title “Effect of some aspects of climate change on fauna of Tajikistan”. The Abstracts of oral presentations was published on Conference Materials on p. 38-39 (in English).

- Our short version article was published as Saidov N.SH., Landis A.D. 2008. Evaluation of flowering plants to attract natural enemies in Tajikistan. Proceeding of the International Scientific-Practical Conference "Achievements and problems of plant protection and quarantine" dedicated to the 50th Anniversary of Kazakh Research Institute of Plant Protection and Quarantine. Almata - Rakhat, November 6-8, 2008, part 1, p. 127-132 (in English)

Publication

1. Saidov N.Sh., Landis D.A., Fiedler A., Nazirov V.K., Khalimov. 2008. The role of nectar plants on attraction natural enemies in agrolandscapes. Proceeding of the International Scientific-Practical Conference dedicated to the 60th Anniversary of Department of Biology of National University of Tajikistan. Dushanbe December 19-20, 2008, 2 pages *in press* (in Russian).
2. Saidov N.SH., Landis A.D. 2008. Evaluation of flowering plants to attract natural enemies in Tajikistan. Journal of Biological Sciences of Academy of Science of Tajikistan, November 2008, vol. IV, 15 p. *in press* (in Russian).
3. Saidov A.S., Saidov N.Sh., Nakhshiniey B.R. 2008. Effect of some aspects of climate change on fauna of Tajikistan. Ninth International Conference on Dryland Development, Sustainable Development in the Drylands Meeting the Challenge of Global Climate Change, 7-10 November 2008, Alexandria, Egypt. Abstracts of oral presentations, p. 38-39, (in English).
4. Saidov N.Sh., Landis D.A. 2008. Landscape ecology and biodiversity to enhance biodiversity and biological pest management. Ninth International Conference on Dryland Development, Sustainable Development in the Drylands Meeting the Challenge of Global Climate Change, 7-10 November 2008, Alexandria, Egypt. Abstracts of oral presentations, p. 82-83, (in English).
5. Saidov N.SH., Landis A.D. 2008. Evaluation of flowering plants to attract natural enemies in Tajikistan. Proceeding of the International Scientific-Practical Conference "Achievements and problems of plant protection and quarantine" dedicated to the 50th Anniversary of Kazakh Research Institute of Plant Protection and Quarantine. Almata - Rakhat, November 6-8, 2008, part 1, p. 127-132 (in English)
6. Khamraev A.Sh., Saidov N.SH., Aitmatov M.B., Azimov D.A., Ulmasbaev Sh.B. Tashpulatova B.A. 2008. Agroetomological cartogram for Central Asia and Caucasus countries. Scientific-practical recommendation, Tashkent, 125 p., (in Russian).

IPM CRSP Project team member in the Central Asia region:

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January 28, 2009