



RESEARCH
PROGRAM ON
Dryland Systems



ICARDA
Science for Better Livelihoods in Dry Areas



Activity Report

Farmers Field Day

4 June 2015: Chimbay, Uzbekistan



**Organized by
CRP Dryland Systems
International Center for Agricultural Research in the Dry Areas
Central Asia and the Caucasus Regional Program, Tashkent**

and

Karakalpakstan Research Institute of Crop Husbandry (KRICH)

Citation:

Sharma, R.C., E. Sadikov, Amir Amanov, and Z. Ziyadullaev. 2015. Wheat Farmers' Field Day in Chimbay, Uzbekistan. Report. ICARDA, Tashkent, Uzbekistan

CRP-DS

Activity: Farmers' Field Day

Action site: Aral Sea, Uzbekistan

Number of participants: 36 (35 male and 1 female)

Reporting Center:

ICARDA

Collaborators:

Karakalpakstan Research Institute of Crop Husbandry (KRICH)

Uzbek Research Institute of Plant Industry, Kibray, Uzbekistan (UzRIPI)

Kashkadarya Research Institute of Grain Breeding and Seed Production
(KRIGBSP)

Objectives:

- To demonstrate the performance of the recently released and pipeline varieties of winter wheat to the men and women farmers, seed producers, extension workers, policy makers and researchers
- To jointly evaluate the varieties with the stakeholders to identify superior ones for further cultivation and evaluation.

Details of the Farmers' Field Day:

- Field day was organized in the demonstration plots established under CRP-DS as collaborative activities among ICARDA, KRICH, UzRIPI and KRIGBSP. There were 12 winter wheat varieties included in the demonstration experiment (Table 1), and 18 advanced breeding lines and 2 checks in the advanced yield trial (Table 2).
- Thirty six farmers (35 men and 1 women) participated in the event (Table 3).
- The participants were welcome and addressed by Dr. Ram Sharma from ICARDA, Dr. Amir Amanov from UzRIPI, Dr. Esbosin Sadikov from KRICH and Dr. Zokhid Ziyadullaev who was at the Representative of the Government in the region.
- The participants were given information about the adaptive trials, varietal demonstration plots and advanced yield trial.
- The participants were also given information about wheat production practices to maximize yields.

- The participants individually evaluated relative performance of each variety and experimental line, and recorded their observations.
- After evaluation, the participants individually expressed their comments on the superior varieties in their evaluation.
- The participants showed keen interest in several new lines and asked questions about them in terms of disease resistance and suitable climatic conditions for varietal adaptation, the number of years for which the new lines had been examined in the field and when they could get the new lines for cultivation in their fields. They also asked to receive information on grain quality of the varieties and lines under demonstration.
- Majority of the farmers selected the Yaksart, Salinity Line no 49, and Turkiston based on their evaluation.
- At the end of the field day a discussion session was organized at the field site under the leadership of the Chairman of the Supreme Council of Ministers of the Republic of Karakalpakstan. The meeting was addressed by the Chairman, as well as Dr. Amir Amanov and Dr. Ram Sharma. The chairman thanked ICARDA for organizing the field day and giving opportunity to the farmers to observe diverse wheat germplasm and select the superior ones, which the farmers had never seen before. He dwelled upon the need of strengthening food security in the Karakalpakstan Republic through seed multiplication and cultivation of the superior wheat varieties demonstrated in the field. Dr. Amir Amanov highlighted the performance and salient features of the new wheat varieties and opportunities for growing them in the region. Dr. Ram Sharma outlined the extensive research activities that ICARDA had been undertaking to help the farmers in the Karakalpakstan.

Outputs:

- (i) Performance of new winter wheat varieties in comparison to the locally grown cultivars was demonstrated.
- (ii) Farmers' knowledge was strengthened about varietal options available to them through new varieties to fit into their crop rotations.
- (iii) Farmers' knowledge on improved production practices for maximizing wheat yields on their farm was strengthened.

Outcome:

Capacity of 36 (35 male and 1 female) participant farmers, researchers, extension workers and policy makers was strengthened about new, superior winter varieties available for cultivation in Karkalpakstan, Uzbekistan through field observation and evaluation, and through information sharing with the experts.

Table 1. List of the 12 winter wheat varieties included in the field demonstration trial in Chimbay, Uzbekistan in 2014-2015 wheat growing season

S.N.	Name	Status	Origin
1	Yaksart	New, released	Kashkadarya Research Institute and International collaboration
2	Yonbosh	Old, released	Gallalar Research Institute
3	Turkiston	New, released	Kashkadarya Research Institute
4	Krasnadar-99	Locally grown	Russia
5	Tanya	Locally grown	Russia
6	Salinitiy En-41	Experimental line	Kashkadarya Research Institute and International collaboration
7	Salinitiy En-49	Experimental line	Kashkadarya Research Institute and International collaboration
8	Salinitiy En-65	Experimental line	Kashkadarya Research Institute and International collaboration
9	Salinitiy En-144	Experimental line	Kashkadarya Research Institute and International collaboration
10	Salinitiy En-145	Experimental line	Kashkadarya Research Institute and International collaboration
11	KR12-08	Experimental line	Kashkadarya Research Institute and International collaboration and
12	KR12-18	Experimental line	Kashkadarya Research Institute and International collaboration

Table 2. List of the 18 experimental lines and two released varieties of winter wheat evaluated in the yield trial in Chimbay, Uzbekistan in 2014-2015 wheat growing season

S.N.	Name	Status	Origin
1	Krsnodar-99 (Check)	Locally grown	Russia
2	Yaksart (new variety	New, released	Kashkadarya Research Institute and International collaboration
3	Kirac66	New, released	Kashkadarya Research Institute and International collaboration
4	14IWWYTIR-15	Experimental line	Kashkadarya Research Institute and International collaboration
5	14IWWYTIR-20	Experimental line	Kashkadarya Research Institute and International collaboration
6	14IWWYTIR-23	Experimental line	Kashkadarya Research Institute and International collaboration
7	14IWWYTIR-24	Experimental line	Kashkadarya Research Institute and International collaboration
8	14IWWYTIR-27	Experimental line	Kashkadarya Research Institute and International collaboration
9	14IWWYTIR-28	Experimental line	Kashkadarya Research Institute and International collaboration
10	14IWWYTIR-29	Experimental line	Kashkadarya Research Institute and International collaboration
11	14IWWYTIR-32	Experimental line	Kashkadarya Research Institute and International collaboration
12	14IWWYTIR-37	Experimental line	Kashkadarya Research Institute and International collaboration
13	14IWWYTIR-39	Experimental line	Kashkadarya Research Institute and International collaboration
14	14IWWYTIR-40	Experimental line	Kashkadarya Research Institute and International collaboration
15	UZ-11CWA-14	Experimental line	Kashkadarya Research Institute and International collaboration
16	10AYTIR-9014	Experimental line	Kashkadarya Research Institute and International collaboration
17	11AYTIR-9014	Experimental line	Kashkadarya Research Institute and International collaboration
18	11AYTIR-9026	Experimental line	Kashkadarya Research Institute and International collaboration
19	Victoriya	Experimental line	Kashkadarya Research Institute and International collaboration
20	Kiriya	Experimental line	Kashkadarya Research Institute and International collaboration



Figure 1. Participants discussing performance of wheat varieties during a Field Day organized in Chimbay, Uzbekistan to observe, evaluate and learn from the winter wheat demonstration plots (4 June 2015)



Figure 2. The participants of the farmers' field day discussing their impression about the performance of varieties and future plans, Chimbay, Uzbekistan, 4 June 2015.

Table 3. List of participants in the Farmers' Field to demonstrate performance of new and locally grown winter wheat varieties in Chimbay, Uzbekistan, 4 June 2015.

	Name	Gender	Work place	Position	Contact information
1	Seyebekov Utkir	Male	Abdisan farm	Head	W: (+99893)364-67-76 H: (+99893)708-37-37
2	Samandarov Uktamboy	Male	Kulab A.P.J farm	Farmer	W: (+99895)605-11-37 M: (+99893) 605-11-37
3	Tokhirbertekov Riza	Male	Kulab A.P.J farm	Head	M: (+99890)734-32-77
4	Inoyatov Juzboy	Male	Azirbay Jumaboy farm	Head	W; (+99890)714-19-44
5	Utambetov Muratboy	Male	Bostanbek farm	Head	W; (+99890)590-41-02
6	Sultanov Fayzulla	Male	Sutanov Takhtaboy farm	Head	W: (+99890)735-35-35
7	Mamaykarimov Solik	Male	Biripez – Takhto farm	Head	W: (+99890) 306-37-49 H: (+99890) 435-24-05
8	Adilov Jangir	Male	Qakharmon-Tokhta farm	Head	H: (+99890) 435-15-16 M: (+99893) 362-40-04
9	Begjanov Islam	Male	Ministry of agriculture and water resources of Uzbekistan	Cereal and grain crops specialist	W: 222-79-96
10	Jonibekov Muratboy	Male	Almat-Takhta farm	Head	W: (+99893)200-22-16
11	Abubakrsidiqova Ayamxon	Female	Gulzoda-takhta farm	Head	W: (+99893)208-98-78 H: (+99890) 435-14-86
12	Ananpikov Jonibek	Male	Shamanai rayoni farm	Head	W: (+99890) 444-29-16 M: (+99893) 708-20-20
13	Sulaymonov Saparboy	Male	A. Sulaymonov farm	Head	M: (+99891) 388-69-30
14	Xojaliyev Makhsetboy	Male	D.Azizov farm	Head	W: (+99890) 590-09-64
15	Korakulov Polat	Male	D.F.X Basen Akpan farm	Head	M: (+99893)360-19-74
16	Elmurayov Alaql	Male	Kok-darya Village Council	Head	M: (+99891)385-00-72
17	Elbayev Rustam	Male	Bakhtli farm	Head	M: (+99890)592-69-54
18	Sultanov Aybek	Male	Saparboy farm	Head	W: (+99894)140-58-25
19	Qurbansiyuratov Mayraliboy	Male	Baxt xoja	Head	M: (+99891) 255-19-65
20	Abdullayev Daryaboy	Male	Abdullayev Daryaboy farm	Head	W: (+99893) 307-57-63 M: (+99891) 307-57-63
21	Seyilkhonov Amongeldi	Male	Kanlikol R.A.P.S	Head	W: (+99891) 332-13-60 M: (+99893) 206-25-40
22	Khoshamsharov Salomat	Male	Regional Seed Test Commission (Brunch)	Head	M : (+99895) 601-37-41
23	Alisherov Boyram	Male	Regional Seed Test Commission (Brunch)	Deputy head	W: 224-31-44 H: (+99890)650-87-10

24	Yusupov Ayapbergen	Male	Experimental Station of the KRICH	Head	W: (+99890) 444-01-19 M: (+99890)577-64-27
25	Najimiddinov Kuonishbay	Male	Snagur farm	Head	M: (+99893) 363-55-42
26	Rzamurokhov Duysanboy	Male	Kanlikol r/n Kindikozen M.M.T.P.	Specialist	H: (+99893) 368-84-28
27	Utamurobov Ebergen	Male	Dasbergen Alliyor farm	Head	M: (+99893)487-21-71
28	Mambetiyazov Jumamurat	Male	Pakhtakor farm	Head	M: (+99893)774-61-66
29	Saparov Kodir	Male	Taza jol farm	Head	W: (+99890) 371-01-69
30	Shrazov Bakhodir	Male	Reyiabek-jer farm	Head	H: (+99894)903-55-83
31	Sultanov Ulugbek	Male	Kecheyli farm	Head	W: (+99891)255-81-31
32	Sherniyazov Mukhammadamin	Male	Integral kegeylishi	Head	W: (+99893)489-02-14 M: (+99891)255-82-19
33	Yusupov Mekhset	Male	Regional Agricultural organization	Inspector	W: (+99890) 728-69-94
34	Saparov Nemat	Male	Kecheyli farm	Head	W: (+99890) 258-63-63
35	Utebayev Jura	Male	Uzara birlik	Head	M: (+99893) 204-75-35
36	Ospanov Araslamboy	Male	Toshembay Village Council	Head	

Total: 36

Male: 35

Female: 1