



RESEARCH
PROGRAM ON
Dryland Systems



ICARDA
Science for Better Livelihoods in Dry Areas



Activity Report

Farmers Field Day

7 June 2015: Urgench, Uzbekistan



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

and

Khorezm Rural Advisory Support Service (KRASS), Urgench

Citation:

Sharma, R.C., J. Ruzimov, and Y. Djumaniyazova. 2015. Wheat Farmers' Field Day in Urgench, Uzbekistan. Report. ICARDA, Tashkent, Uzbekistan

CRP-DS

Activity: Farmers' Field Day

Action site: Aral Sea, Uzbekistan

Number of participants: 35 (32 male and 3 female)

Reporting Center:

ICARDA

Collaborators:

Khorezm Rural Advisory Support Service (KRASS), Urgench

Uzbek Research Institute of Plant Industry, Kibray, Uzbekistan

Kashkadarya Research Institute of Grain Breeding and Seed Production

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, Khorezm Rural Advisory Support Service (KRASS), Uzbek Research Institute of Plant Industry (UzRIPI) and Kashkadarya Research Institute of Grain Breeding and Seed Production (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 five farmers (32 men and 3 women) participated in the event (Table 3).
- The participants were welcome and addressed by Dr. Ram Sharma from ICARDA, Dr. Jumanazar Ruzimov from KRASS and Ibragimov Ilkhom from the Regional Department of Agriculture And Water Management
- 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, Krasnodar-99, 14IWWYTIR-39, 14IWWYTIR-32, KR12-08 based on their evaluation.

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 35 (32 male and 3 female) participant farmers, researchers, extension workers and policy makers was strengthened about new, superior winter varieties available for cultivation in Khorezm, 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 Urgench, 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 Urgench, 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 of the Farmers' Field Day organized in Urgench, Uzbekistan to observe, evaluate and learn from the winter wheat demonstration plots (7 June 2015)



Figure 2. The participants of the farmers' field day discussing about performance of individual winter varieties in Urgench, Uzbekistan, 7 June 2015.

Table 2. List of participants in the Farmers' Field to demonstrate performance of new and locally grown winter wheat varieties in Urgench, Uzbekistan, 7 June 2015.

	Name	Gender	Organization	Age (years)
1	Ibragimov Ilhom	Male	Regional Department Of Agriculture And Water Management, Head Of The Cereal Department	56
2	Niyazmetov Imomaddin	Male	Shahovaddin Masharip Farm	42
3	Matmurotov Ravshan	Male	Matmurotov Bogbek Farm	37
4	Sharipov Saparboy	Male	Saparboy Mirishkor Farm	62
5	Hujayev Shavkat	Male	Regional Department of Agriculture and Water Management	51
6	Nurmatov Otabek	Male	Akizakli Sadulla Ogli Farm	58
7	Ninyazova Oltinjon	Male	Khorezm Regional Seed Control	54
8	Yuldashev Rejabboy	Male	Rejabboy Yuldash Farm	55
9	Kurbanboyev Amatjon	Male	Khorezm Regional Seed Control	46
10	Rahimov Yangiboy	Male	Dargalar Farm	52
11	Botirov Rustam	Male	Bekzod Kahramon Farm	68
12	Ataniyazov Shavkat	Male	Sherzod Ataniyazov Farm	55
13	Jumanov Turaboy	Male	Rejab ota Jumanov Farm	50
14	Ruzmetov Islom	Male	Durman 21 Farm	51
15	Kalandarov Shuhrat	Male	Jayhun Kalandar Farm	48
16	Jumaniyazov Temur	Male	Khorezm Regional Seed Quality Control	32
17	Sotimov Umrbek	Male	Sotima Umrbek Qizi Farm	59
18	Karimov Ravshan	Male	Uzbek Cotton Research Institute	48
19	Ilhom Masharipov	Male	Research Institute	53
20	Haitboyev Shonazar	Male	Grain production Institute	56
21	Sultonov Muhiddin	Male	Sulton Gargak Farm	27
22	Ruzmetov Hasanboy	Male	Uzbek Cotton Research Institute	45
23	Hudoyberganov Kodir	Male	Uzbek Cotton Research Institute	40
24	Saidov Marks	Male	Sherzod Hamdam Farm	48
25	Jumaniyazov Botir	Male	Sulton Tannov Farm	48
26	Muhammadiyev Bohram	Male	Uzbek Cotton Research Institute	54
27	Abdullayeva Maqsuda	Female	Husin Madrim Farm	36
28	Jabbarova Zamira	Female	Fermer Association	38
29	Utamov Jumaboy	Male	Umarbek Farm	53
30	Urazmetov Sultonnazir	Male	Durjonmomo Farm	51
31	Hakimov Khamro	Male	Khorezm Regional Seed Control	41
32	Yuldasheva Shahnoza	Female	Yuldash kuchkor Dalasi Farm	39
33	Rahimov Abdulla	Male	Urazmat Darga Farm	47

34	Iskandarov Yuldash	Male	Yuldash Majid Farm	48
35	Otmanov Bozorbay	Male	Anor Farm	50

Total: 35

Male: 32

Female: 3