



FAO/MoA/WFP

CROP AND FOOD SECURITY ASSESSMENT REPORT

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Methodology

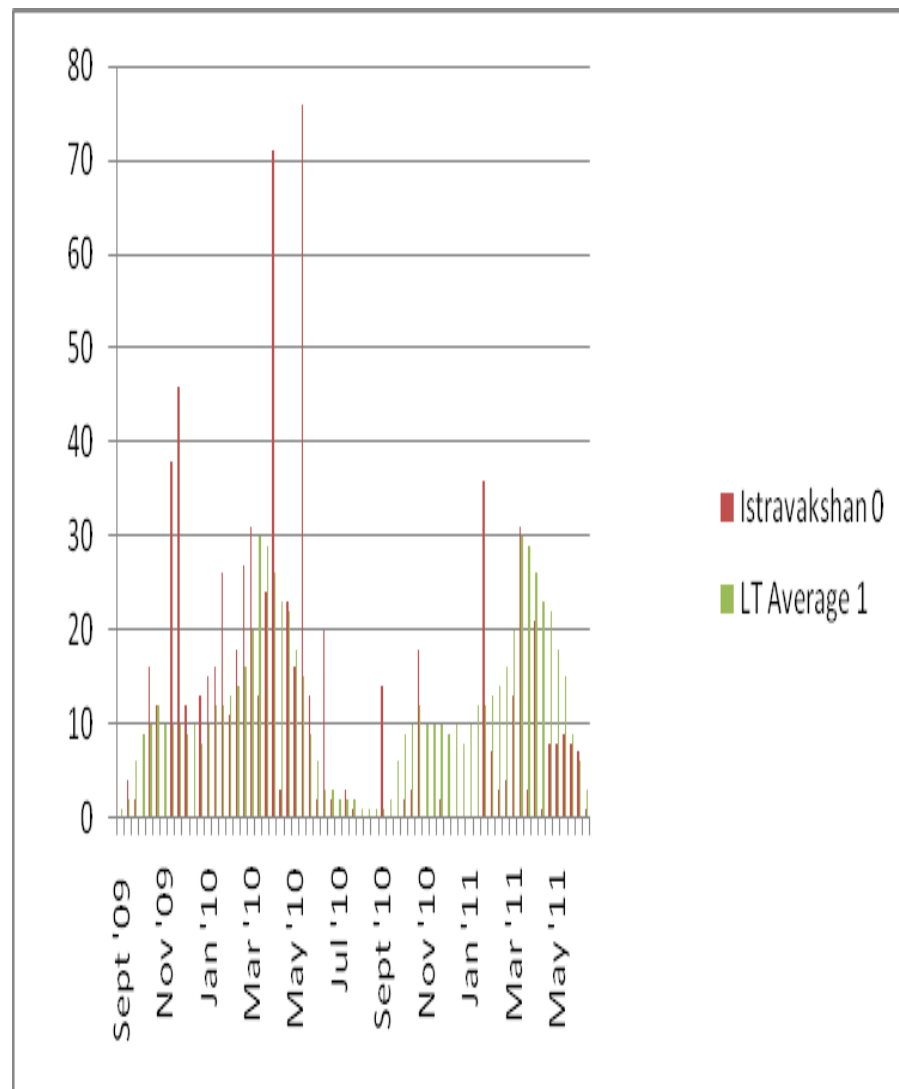
- Food and Agriculture Organization of the UN and Ministry of Agriculture of the Republic of Tajikistan, from July until August 2011, conducted mission on Crop and Food Security Assessment
- The guidelines of FAO/WFP on assessment of crop and food security
- Five field missions on cereals and pulses and four missions on potato
- 356 separate interviews/situational surveys with farmers, chairmen of local hukumats, district agricultural departments, farms, NGOs and households.
- 750 samples of cereals and pulses and 200 potato samples



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Rainfall

- During 2009/10 season the level of rainfall was significantly higher
- The rainfall was below average during the season 2010/11
- In 2010/11, there were no rainfall during September, October, November and December
- In January 2010/11, rainfall was below average in all regions
- In 2010/11, spring rainfall finished much earlier than in 2009/10





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Seed Supply

- Annual requirement of cereal seed is 85,000 tons for sowing area 425,000 ha.
- Certified seeds in 2005- 10%, 2009-13%, 2011- 22% or 18, 000 tons wheat seed
- 34,000 ton of quality seeds were available for sale in specialized dehkan farms ranging from 1.5-2.0 Somoni / kg
- 78 % of wheat seed and all barley seed are uncertified



Other underlying factors

- Lack of irrigation water during vegetation period of seeds especially winter seeds
- Access to mineral and organic fertilizers for farmers
- Access to farm machinery
- Access to credit
- Control of plant diseases and pests



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Area, harvest and production

	2009/10			2010/11		
	Area (ha)	Harvest (t/ha)	Production (ton)	Area (ha)	Harvest (t/ha)	Production (ton)
Crops	Area (ha)	Harvest (t/ha)	Production (ton)	Area (ha)	Harvest (t/ha)	Production (ton)
Wheat	343,571	2.46	846,557	308,012	2.20	678,674
Barley	69,160	1.69	117,150	69,861	1.19	83,378
Maize	10,998	3.50	38,961	12,796	4.00	50,630
Rice	11,498	3.50	50,728	13,231	3.60	47,457



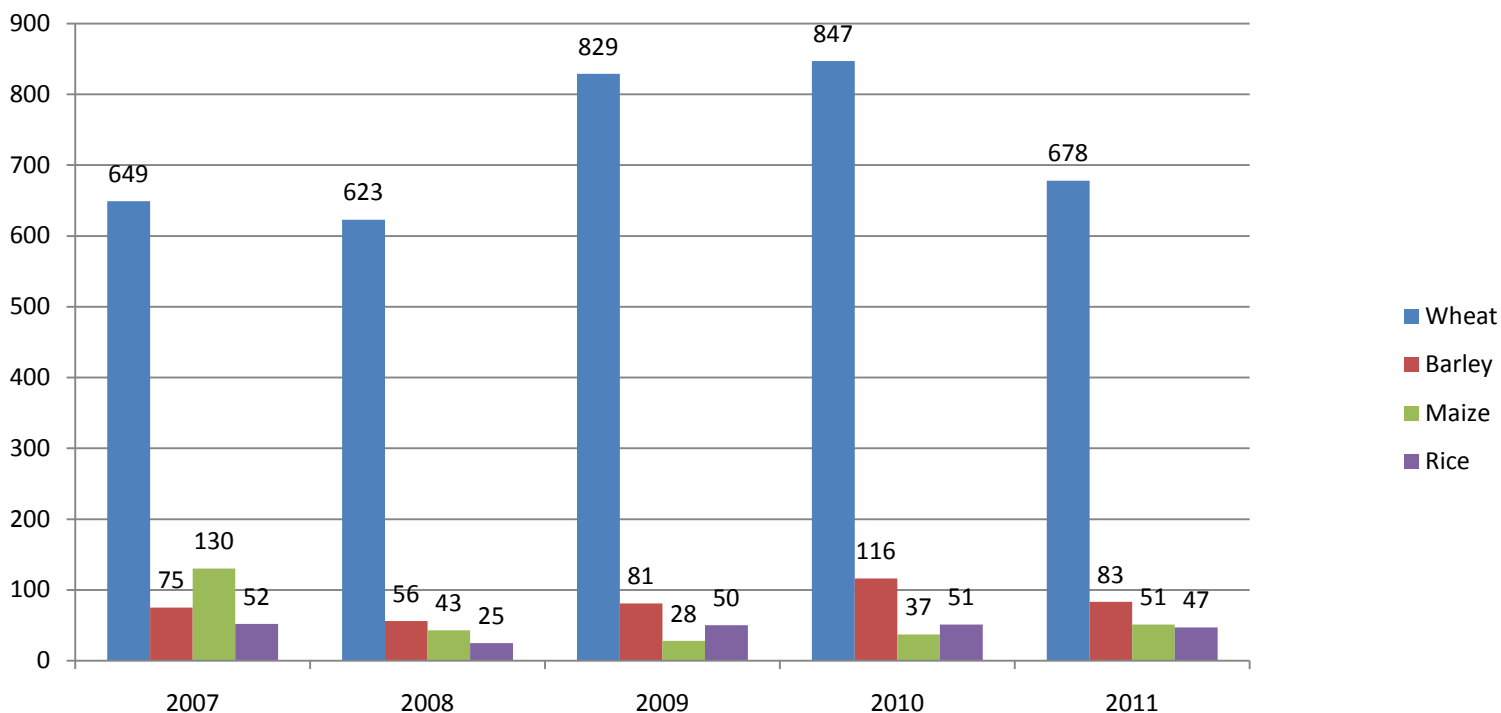
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Pulses	13,520	1.3	18,050	16,472	1.2	19,947
Potato	29,784	22.7	676,614	36,507	23.3	852,014
Oil crops	20,251	0.7	14,394	23,518	0.8	19,750



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Production of cereals by year





Livestock and animal feed

- Early pasture of livestock from winter to summer pastures
- No cases of infectious diseases due to availability of vaccines
- 2.03 million Livestock Units require 1.52 million ton of dry matter for consumption during 100 days of winter.
- Laying hens will consume around 150 grams cereals per day, that is 54 kg/year; at an estimated 2 million birds, the national laying flock will require further 108,000 tons of cereal based compound feed.



Requirements for animal feed

- 57,000 hectares of irrigable land alfalfa plots 250,000 ton and grass leys (hay at 5 t/ha);
- 445,000 hectares of cereal straw and 27,000 ha forage crops will provide another 750,000 tons of tonnes DM;
- 800,000 tons of wheat 120,000 tons of bran;
- Maize 72,000 tons, barley 69 tons, wheat-feed standard at 136,000 tons cereals.



Cereal balance for 2011/12

	Wheat	Rice	Maize	Barley	Total
AVAILABILITY	719	45	98	83	945
Stock	40	0	0	0	40
Production	679	45	98	83	905
USE	1,679	45	128	92	1,944
FOOD	1,390	41	8	8	1,447
FEED	136	0	108	67	311
Other	153	4	12	17	186
IMPORT	960	0	30	9	999



Import of wheat

- Total grain deficit is approximately **1 million tons**, from which **960,000 tons** is wheat; plus **30,000 tons** of maize for poultry industry.
- It is expected, that in market year rice will be in balance, eliminating the need for import of approximately 29,000 tons.



Potato production

- Potato harvest increased to **862,000 tons**, 27 percent more than last year;
- Production of pulses, as estimated, with second harvest, more than doubled up to **39,239 tons**.



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Food Prices

- Increase of price for all commodities, without explicit seasonal variation, are evidences of inflation of more than 10 percent.
- However, between June and August prices for wheat decreased for 15-20 percent, but remained 30 percents more compare to with August 2010.
- Fruits and vegetables, and the price of potatoes significantly reduced from June, and it is expected that the price of rice also will drop due to national production



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Remittances

With record remittances, as reported by the International Monetary Fund and Government sources, the situation in rural areas would be much better.



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Recommendations

- Need to monitor the food security situation in the country, especially in the current context of rising food and fuel prices and natural disaster shocks.
- Support seed sector.
- Strengthen the activity for adaptation of cropping systems to the climate change.

THANK YOU VERY MUCH
FOR
YOUR ATTENTION!!!!!!