



UZBEKISTAN

Irrigated crop calendar

2005

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control actually irrigated area by month												
		J	F	M	A	M	J	J	A	S	O	N	D	
Wheat	1 295	35	35	35	35	35							35	35
Rice	52				1	1	1	1	1					
Barley	48	1	1	1	1								1	1
Maize	25				1	1	1	1	1					
Vegetables	137				4	4	4	4	4					
Fruits	200	5	5	5	5	5	5	5	5	5	5	5	5	5
Potatoes	37	1	1	1	1	1								
Fodder temporary	300	8	8	8	8	8							8	8
Fodder permanent	100	3	3	3	3	3	3	3	3	3	3	3	3	3
Cotton	1 406				38	38	38	38	38	38	38			
Pasture permanent	100	3	3	3	3	3	3	3	3	3	3	3	3	3
Harvested irrigated crop area [AHI_{full}]	3 700													
Area equipped for full control irrigation actually irrigated [AAI_{full}]	3 700	56	56	56	100	99	55	55	55	49	49	55	55	
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100													
Area equipped for full control irrigation [AEI_{full}]	4 198													
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	88													
Total area equipped for irrigation [AEI_{tot}]	4 198													



Narrative Uzbekistan

AEI_{tot} and AEI_{full} are equal to 4 198 000 ha and AAI_{full} is equal to 3 700 000 ha in 2005 (FAO, 2012a). AHI_{full} is assumed to be identical to AAI_{full} . A partial AHI_{full} is 2 753 000 ha (Abdullaev *et al.*, 2009; FAO, 2012b). It has been completed by adding estimated areas for other crops in order to obtain a cropping intensity of 100 percent. By far the main irrigated crops are cotton and wheat. Some rice, maize, barley, potatoes, vegetables, temporary and permanent fodder, fruits and permanent pastures are also irrigated. Temporary crops are either irrigated in summer from April to August (or to October for cotton) or in winter from November (or January for potatoes) to May (such as wheat, barley and temporary fodder).

References

FAO. 2012a. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>

FAO. 2012b. FAOSTAT online database. <http://faostat.fao.org/>

Abdullaev, I., de Fraiture, C., Giordano, M., Yakubov, M., and Rasulov, A. 2009. *Agricultural Water Use and Trade in Uzbekistan: Situation and Potential Impacts of Market Liberalization*. *Water Resources Development* 15 (1): 47-63. Available at http://www.zef.de/module/register/media/5d18_Abdullaev_revise.pdf, accessed in June 2012.