



AFGHANISTAN

Irrigated crop calendar

2011

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	1 303	69	69	69	69	69							69	69
Rice	208						11	11	11	11	11			
Barley	116	6	6	6	6	6								6
Maize	183						10	10	10	10	10			
Vegetables	69						4	4	4	4	4			
Fruits	137	7	7	7	7	7	7	7	7	7	7	7	7	7
Grapes	61	3	3	3	3	3	3	3	3	3	3	3	3	3
Sunflower°	10						1	1	1	1	1			
Sesame	10						1	1	1	1	1			
Potatoes°	15	1	1	1	1	1								
Pulses°	27						1	1	1	1	1			
Sugar beets°	2						0.1	0.1	0.1	0.1	0.1			
Sugarcane°	2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cotton	33						2	2	2	2	2	2	2	
Harvested irrigated crop area [AHI_{full}]	2 176													
Area equipped for full control irrigation actually irrigated [AAI_{full}]	1 896	86	86	86	86	88	39	39	39	39	39	39	81	85
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	115													
Area equipped for full control irrigation [AEI_{full}]	3 208	*												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	59													
Total area equipped for irrigation [AEI_{tot}]	3 208	* These areas refer to the year 2002 ° These areas originate from AT2050/2080												



Narrative Afghanistan

AEI_{full} in 2002 is 3 208 480 (FAO, 2012). AAI_{full} is 1 896 000 for the cropping year 2010-2011 according to the 2011 Statistical Yearbook (CSO, 2012). AHI_{full} is estimated at 2 328 000 ha in 2006 by AT 2050/2080 (FAO, 2011). A partial AHI_{full} for 2011 (2 120 000 ha) is available from the 2011 Statistical Yearbook (CSO, 2012). It was completed with the areas of additional crops originating from AT 2050/2080, and resulting in a total AHI_{full} of 2 176 000 ha and a cropping intensity of 115 percent. Irrigation is practiced all year round. Temporary crops are mostly irrigated from June (or April for cotton) to October, except some cereals and fodder which are cultivated from November or January to May.

References

- Central Statistics Organization [CSO].** 2012. 2011 Statistical Yearbook. Afghanistan. Available at <http://cso.gov.af/en/page/4725>, accessed in June 2012.
- FAO.** 2011. *World agriculture: towards 2050/2080*. FAO, Global Perspective Studies Unit. Rome. (Internal document).
- FAO.** 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>