

TURKEY
Irrigated crop calendar
2004

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	172	4	4	4	4	4						4	4
Barley	86	2	2	2	2	2						2	2
Rice	71					2	2	2	2	2			
Maize	545					13	13	13	13	13			
Vegetables	483					11	11	11	11	11			
Fruits	150	4	4	4	4	4	4	4	4	4	4	4	4
Grapes	79	2	2	2	2	2	2	2	2	2	2	2	2
Citrus	110	3	3	3	3	3	3	3	3	3	3	3	3
Groundnuts	24					1	1	1	1	1			
Sunflower	550					13	13	13	13	13			
Potatoes	179					4	4	4	4	4			
Pulses	260					6	6	6	6	6			
Sugar beet	315				7	7	7	7	7	7			
Fodder permanent	475	11	11	11	11	11	11	11	11	11	11	11	11
Cotton	640				15	15	15	15	15	15	15		
Flowers	17					0.4	0.4	0.4	0.4	0.4			
Other temporary crops	50					1	1	1	1	1			
Harvested irrigated crop area [AHI_{full}]	4 206												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	4 206	25	25	25	48	100	94	94	94	94	35	25	25
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	4 970	*											
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	85												
Total area equipped for irrigation [AEI_{tot}]	4 983	* These areas refer to the year 2006											

Narrative Turkey

AEI_{tot} is 4 983 000 ha and AEI_{full} is 4 970 000 ha in 2006 (FAO, 2012). As described in the AQUASTAT country profile, AAI_{full} varies between 38 and 88 percent of AEI_{full} with large regional and annual fluctuations (FAO, 2012). AAI_{full} was estimated to be the same as AHI_{full} , which is thus equal to 85 percent of AEI_{full} . AHI_{full} is 4 206 000 ha in 2004 (TÜİK, 2006). The main irrigated crops are cereals (21 percent, mainly maize but also wheat, barley and rice are), cotton (15 percent), sunflower (13 percent) and vegetables (11 percent). Some fruits (including grapes and citrus), permanent fodder, sugar beet, pulses, potatoes, groundnuts, flowers and other temporary crops are also irrigated. Temporary crops are irrigated from May to September, except sugar beet (from April to September), cotton (from April to October) and some winter cereals (from November to May).

References

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

TÜİK. 2006. *Agricultural statistics*. Republic of Turkey, Prime Ministry Turkish Statistical Institute, 2006.