



SLOVAKIA

Irrigated crop calendar

2007

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control equipped and actually irrigated area by month											
		J	F	M	A	M	J	J	A	S	O	N	D
Maize	7.3				19	19	19	19	19				
Other cereals	2.2				6	6	6	6	6				
Vegetables	4.1				10	10	10	10	10				
Fruits	1.3	3	3	3	3	3	3	3	3	3	3	3	3
Rapeseed	7.0				18	18	18	18	18				
Sunflower	2.0				5	5	5	5	5				
Potatoes	1.2				3	3	3	3	3				
Pulses	2.8				7	7	7	7	7				
Sugar beet	4.8			12	12	12	12	12	12				
Fodder temporary	6.4				16	16	16	16	16				
Harvested irrigated crop area [AHI_{full}]	39.1												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	39.1	3	3	16	100	100	100	100	100	3	3	3	3
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	172.0												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	23												
Total area equipped for irrigation [AEI_{tot}]	172.0												



Narrative Slovakia

AEI_{full} and AAI_{full} are 172 000 ha (FAO, 2012) and 39 090 ha respectively in 2007 (Eurostat, 2012). The crop calendar is adapted from AT 2030/2050 (FAO, 2006). AHI_{full} is assumed to be equal to AAI_{full} resulting in a cropping intensity of 100 percent. The main irrigated crops are cereals (mainly maize), rapeseed and temporary fodder. Some sugar beet, vegetables, pulses, sunflower, potatoes and fruits are also irrigated. All, except fruit trees, are summer crops irrigated from March (sugar beet only) or April to August.

References

Eurostat. 2012. EUROSTAT irrigation data. Available at <http://epp.eurostat.ec.europa.eu/>, accessed in June 2012.

FAO. 2006. *World agriculture: towards 2030/2050*. Interim report. FAO, Global Perspective Studies Unit. Rome, Italy. Available at http://www.fao.org/fileadmin/user_upload/esag/docs/Interim_report_AT2050web.pdf, accessed in November 2012.

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