



SWEDEN

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
Vegetables	3.1				6	6	6	6	6				
Rapeseed	9.2				17	17	17	17	17				
Potatoes	7.1				13	13	13	13	13				
Pulses	3.3				6	6	6	6	6				
Sugar beet	11.2			21	21	21	21	21	21				
Fodder permanent	20.3	37	37	37	37	37	37	37	37	37	37	37	37
Harvested irrigated crop area [AHI_{full}]	54.2												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	54.2	37	37	58	100	100	100	100	100	37	37	37	37
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	159.7												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	34												
Total area equipped for irrigation [AEI_{tot}]	159.7												

Narrative

AEI_{tot} and AEI_{full} are 159 700 ha and AAI_{full} is 54 170 ha 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 permanent fodder (38 percent), sugar beet (21 percent) and rapeseed (17 percent). Some potatoes, pulses and vegetables are also irrigated. All temporary crops 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.