



BELGIUM

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
Barley	1.5				27	27	27	27	27				
Fruits	1.2	22	22	22	22	22	22	22	22	22	22	22	22
Potatoes	2.3				41	41	41	41	41				
Sugar beet	0.6			11	11	11	11	11	11				
Harvested irrigated crop area [AHI_{full}]	5.7												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	5.7	22	22	32	100	100	100	100	100	22	22	22	22
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	23.4												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	24												
Total area equipped for irrigation [AEI_{tot}]	23.4												

Narrative

AEI_{tot} and AEI_{full} are 23 350 ha, and AAI_{tot} and AAI_{full} are 5 680 ha in 2007 (Eurostat, 2012). The crop calendar was defined in comparison with the neighbouring countries and Eurostat (European Commission, 2010). It is assumed that AHI_{full} is equal to AAI_{full}. The crops mentioned in the crop calendar are potatoes (41 percent), barley (27 percent), vegetables (22 percent) and sugar beet (11 percent). Irrigation mostly occurs in summer, from March (sugar beet) or April to August for temporary crops. Fruit trees are considered irrigated the whole year: for frost protection in winter/spring and for water deficit in summer.

References

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

European Commission [EC]. 2010. Agricultural Production Systems: Irrigable and irrigated area. EUROSTAT. Available at http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=aei_ps_ira&lang=en, accessed in September 2010.