



NORWAY

Irrigated crop calendar

2007

Irrigated crops	Area	Crop area as percentage of the full control equipped and actually irrigated area by month											
	1000 ha	J	F	M	A	M	J	J	A	S	O	N	D
Barley	29				52	52	52	52	52				
Other cereals	14				26	26	26	26	26				
Vegetables	2				3	3	3	3	3				
Fruits	2	3	3	3	3	3	3	3	3	3	3	3	3
Rapeseed	3				6	6	6	6	6				
Potatoes	5				9	9	9	9	9				
Harvested irrigated crop area [AHI_{full}]	55												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	55	3	3	3	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}]	114												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	48												
Total area equipped for irrigation [AEI_{tot}]	114												

Narrative

AEI_{tot} and AEI_{full} are 114 000 ha (FAO, 2012) and AAI_{full} is 55 000 ha in 2007 (Eurostat, 2012). The crop calendar is adapted from AT 2030/2050 (FAO, 2006). AHI_{full} was adjusted to obtain a cropping intensity of 100 percent. Irrigation takes place between April and August, except for 1 800 ha of permanent fruit which are assumed to be irrigated also in winter/spring for frost protection. The main irrigated crops are cereals (79 percent, mainly barley), potatoes (9 percent) and rapeseed (6 percent).

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>