



**POLAND**

**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
Maize	4				6	6	6	6	6				
Vegetables	4				6	6	6	6	6				
Fruits	4	5	5	5	5	5	5	5	5	5	5	5	5
Potatoes	14				19	19	19	19	19				
Sugar beet	6			8	8	8	8	8	8				
Fodder permanent	20	28	28	28	28	28	28	28	28	28	28	28	28
Pasture permanent	20	28	28	28	28	28	28	28	28	28	28	28	28
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>72</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>72</b>	<b>61</b>	<b>61</b>	<b>69</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>100</b>												
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>116</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>62</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>116</b>												

**Narrative**

AEI<sub>full</sub> and AAI<sub>full</sub> are 115 710 ha and 72 060 ha respectively in 2007 (Eurostat, 2012). The crop calendar is adapted from AT 2030/2050 (FAO, 2006). AHI<sub>full</sub> is assumed to be equal to AAI<sub>full</sub>, resulting in a cropping intensity of 100 percent. The main irrigated crops are permanent fodder and permanent pasture, as well as potatoes. Some sugar beet, maize, vegetables and fruits are also irrigated. Temporary crops are all summer crops, irrigated from March (sugar beet) or April to August. Permanent crops are assumed to be irrigated almost the whole year for water deficit in summer and frost protection in winter/spring.

**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](http://www.fao.org/fileadmin/user_upload/esag/docs/Interim_report_AT2050web.pdf), accessed in November 2012.