



**CZECH REPUBLIC**

**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
Vegetables	3.3				17	17	17	17	17				
Fruits	9.3	47	47	47	47	47	47	47	47	47	47	47	47
Potatoes	2.8				14	14	14	14	14				
Sugar beet	4.5			23	23	23	23	23	23				
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>19.9</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>19.9</b>	<b>47</b>	<b>47</b>	<b>69</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>47</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>38.5</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>52</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>38.5</b>												

**Narrative**

AEI<sub>tot</sub> and AEI<sub>full</sub> are 38 530 ha and AAI<sub>full</sub> is 19 910 ha in 2007 (Eurostat, 2012). The crop calendar is adapted from AT 2030/2050 (FAO, 2006). AHI<sub>full</sub> is considered equal to AAI<sub>full</sub>. The main irrigated crops are fruit, sugar beet and vegetables (including potatoes). Except fruits, which are irrigated the whole year (for water deficit in summer and frost protection in winter/spring), all crops are temporary and irrigated in summer from March (sugar beet) 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](http://www.fao.org/fileadmin/user_upload/esag/docs/Interim_report_AT2050web.pdf), accessed in November 2012.