



**MALTA**

**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	1.30				46	46	46	46	46				
Fruits	0.40	14	14	14	14	14	14	14	14	14	14	14	14
Potatoes	0.81				29	29	29	29	29				
Pulses	0.30				11	11	11	11	11				
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>2.81</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>2.81</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</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>3.20</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>88</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>3.20</b>												

**Narrative**

AEI<sub>tot</sub> and AEI<sub>full</sub> are 3 200 ha, and AAI<sub>tot</sub> and AAI<sub>full</sub> are 2 810 ha 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>. The main irrigated crops are vegetables (46 percent) and potatoes (30 percent), but some fruits and pulses are also irrigated. Irrigation of temporary crops occurs only in summer from April to August, while fruit trees are irrigated 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.