



**SAUDI ARABIA**

**Irrigated crop calendar**

**2006**

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control actually irrigated area by month												
		J	F	M	A	M	J	J	A	S	O	N	D	
Wheat	490	41	41	41	41	41	41						41	
Barley	22	2	2	2	2	2							2	
Sorghum	144							12	12	12	12	12		
Other cereals	18							2	2	2	2	2		
Vegetables	113							9	9	9	9	9		
Fruits	191	16	16	16	16	16	16	16	16	16	16	16	16	
Citrus	11	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
Sesame	2							0.2	0.2	0.2	0.2	0.2		
Potatoes	15							1	1	1	1	1		
Fodder temporary	207	17	17	17	17	17							17	
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>1 214</b>													
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>1 191</b>	<b>77</b>	<b>77</b>	<b>77</b>	<b>77</b>	<b>77</b>	<b>77</b>	<b>58</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>77</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>102</b>													
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>1 731</b>	*												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>69</b>													
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>1 731</b>	* These areas refer to the year 2000												

**Narrative**

AEI<sub>full</sub> is equal to AEI<sub>tot</sub> and is 1 731 000 ha in 2000 (FAO, 2012). The AQUASTAT database also provides AAI<sub>full</sub> of 1 191 000 ha, which refers to the year before. AHI<sub>full</sub> comes from a joint Ministry of Agriculture and FAO project (MOA, 2007) and is equal to 1 214 000 ha in 2006, resulting in a cropping intensity of 102 percent. The irrigated crops consist mainly of cereals (wheat, sorghum and barley), temporary fodder and fruit (dates). Some vegetables, potatoes, citrus and sesame are also irrigated. Irrigation is practiced all year round. Temporary crops are irrigated either from December to May (or June) for winter cereals and temporary fodder, or from July to November for other crops.

**References**

FAO. 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>

Ministry of Agriculture [MOA]. 2007. *Improvement of Irrigation Water Management in the Kingdom of Saudi Arabia*. MOA of Saudi Arabia and FAO project.