



**QATAR**

**Irrigated crop calendar**

**2004**

Irrigated crops	Area	Crop area as percentage of the full control actually irrigated area by month											
	1000 ha	J	F	M	A	M	J	J	A	S	O	N	D
Barley and wheat	1.0	16	16	16	16							16	16
Other cereals	0.3					5	5	5	5	5			
Vegetables	1.3					21	21	21	21	21			
Fruits	1.7	27	27	27	27	27	27	27	27	27	27	27	27
Fodder temporary	1.1	17	17	17	17							17	17
Fodder permanent	1.5	23	23	23	23	23	23	23	23	23	23	23	23
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>6.9</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>6.3</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>50</b>	<b>84</b>	<b>84</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>110</b>	* These areas refer to the year 2001											
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>12.9</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>49</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>12.9</b>												

**Narrative**

AEI<sub>full</sub> is equal to AEI<sub>tot</sub> and is estimated at 12 935 ha in 2001, of which only 6 322 ha is actually irrigated (DAWR, 2002). The main irrigated crops are fodder (permanent and temporary), fruit, vegetables and cereals. AHI<sub>full</sub> reaches almost 7 000 ha (DAWR, 2004) resulting in a cropping intensity of 110 percent. Irrigation is practiced all year round, but for temporary crops it occurs either from May to September or from November to April.

**References**

**Department of Agricultural and Water Research [DAWR]. 2002.** *Agricultural Census Results 2000/2001*, Volume 1. Ministry of Municipal Affairs and Agriculture. Qatar.

**Department of Agricultural and Water Research [DAWR]. 2004.** *Annual Book of Agricultural Statistics 2004*. Agricultural Economics and Statistics Section. Ministry of Municipal Affairs and Agriculture. Qatar.