



**CHAD**

**Irrigated crop calendar**

**2002**

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control equipped and actually irrigated area by month											
		J	F	M	A	M	J	J	A	S	O	N	D
Wheat	2.0	8	8	8	8	8							
Rice one	0.5	2	2	2	2								2
Rice two	9.5						36	36	36	36	36		
Maize	6.0						23	23	23	23	23		
Millet	3.0						11	11	11	11	11		
Vegetables	2.1	8	8	8	8								8
Sugarcane	3.8	14	14	14	14	14	14	14	14	14	14	14	14
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>26.8</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>26.2</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>22</b>	<b>85</b>	<b>85</b>	<b>85</b>	<b>85</b>	<b>85</b>	<b>14</b>	<b>24</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>30.3</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>87</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>30.3</b>												

**Narrative**

AEI<sub>tot</sub> and AEI<sub>full</sub> equal to 30 273 ha while AAI<sub>full</sub> and AAI<sub>tot</sub> are 26 200 ha in 2002 (FAO, 2012). AHI<sub>full</sub> is 26 800 ha for the same year (AQUASTAT country profile), resulting in a cropping intensity of 102 percent. The cropping seasons are adapted from AT 2050/2080 (FAO, 2011). The main irrigated crops are rice (37 percent, limited area under double cropping), maize (22 percent) and sugarcane (14 percent). Some millet, wheat and vegetables are also irrigated. Cereals are irrigated from June to October, corresponding to the raining season, except wheat and a very limited second cropping of rice (from December or January to April or May). However, vegetables are cropped and irrigated during winter, from December to April.

**References**

- FAO. 2011. *World agriculture: towards 2050/2080*. FAO, Global Perspective Studies Unit. Rome. (Internal document).
- FAO. 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>