



**CONGO**

**Irrigated crop calendar**

**1993**

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	
Vegetables one	0.2	100	100	100								100	100	
Vegetables two	0.2					100	100	100	100	100				
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>0.4</b>													
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>0.2</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>100</b>	<b>100</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>200</b>													
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>0.2</b>													
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>100</b>													
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>2.0</b>													

**Narrative**

AEI<sub>tot</sub> is 2 000 ha in 1993 while AEI<sub>full</sub> is 217 ha (FAO, 2012). Because AAI<sub>tot</sub> equals to AEI<sub>full</sub>, it is believed that AAI<sub>full</sub> also equals to AEI<sub>full</sub>. AHI<sub>full</sub> has been recalculated to reflect the double cropping, that is 434 ha; and thus resulting in a cropping intensity of 200 percent. The main irrigated crops are vegetables (cabbage, chive, eggplant, tomato, lettuce, cucumber, and carrot) rather than sugarcane as indicated in AT 2050/2080 (FAO, 2011) and in the previous exercise undertaken in 2000. It is indeed assumed that sugarcane is actually on equipped lowlands and therefore is not included here. Irrigation is practiced all year round.

**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>