



DEMOCRATIC REPUBLIC OF THE CONGO
Irrigated crop calendar

2000

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	
Rice one	1.2	17	17	17	17								17	
Rice two	1.2					17	17	17	17	17				
Vegetables	0.5					7	7	7	7	7				
Sugarcane	5.0	74	74	74	74	74	74	74	74	74	74	74	74	
Harvested irrigated crop area [AHI_{full}]	7.8													
Area equipped for full control irrigation actually irrigated [AAI_{full}]	6.8	90	90	90	90	98	98	98	98	98	98	74	74	90
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	115													
Area equipped for full control irrigation [AEI_{full}]	10.0													
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	68													
Total area equipped for irrigation [AEI_{tot}]	10.5	* This area refers to the year 1995												

Narrative

No recent data are available for area equipped for irrigation and crop production. AEI_{tot} (10 500 ha) and AEI_{full} (10 000 ha) refer both to 1995. However, updated value of AAI_{tot} (8 000 ha in 1995) and AAI_{full} for the year 2000 are 7 300 ha and 6 800 ha respectively. The most important agricultural system in this country is rainfed (tubers, maize, rice, fruit and palm). AHI_{full} in 1995 was 13 500 ha, consisting of 11 200 ha of sugarcane and 2 300 ha of rice. AT 2050/2080 estimates that AHI_{full} in 2006 is 21 000 ha (FAO, 2011), however this is not consistent with a decreasing AAI_{full}. AHI_{full} for 2000 is therefore assumed to be 8 000 ha as estimated in AT 2030/2050 (FAO, 2006), resulting in a cropping intensity of 115 percent. Based on qualitative information presented in the AQUASTAT country profile (FAO, 2012), it is assumed that sugarcane, rice (double cropping) and vegetables correspond to, respectively, 5 000 ha, 2 300 ha and 500 ha. Irrigation is practiced all year round with an intensity peak due to vegetables' watering from May to September.

References

- FAO. 2006. *World agriculture: towards 2030/2050*. Interim report. FAO, Global Perspective Studies Unit. Rome, Italy. Available at http://www.fao.org/fileadmin/user_upload/esag/docs/Interim_report_AT2050web.pdf, accessed in July 2012.
- FAO. 2011. *World agriculture: towards 2050/2080*. FAO, Global Perspective Studies Unit. Rome. (Internal document).
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