



GABON

Irrigated crop calendar

1987

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	1.5	48	48	48	48								48
Rice two	1.5					48	48	48	48	48			
Vegetables	1.5	46	46	46	46								46
Harvested irrigated crop area [AHI_{full}]	4.5												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	3.2	94	94	94	94	48	48	48	48	48	0	0	94
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	141												
Area equipped for full control irrigation [AEI_{full}]	3.2												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	100												
Total area equipped for irrigation [AEI_{tot}]	4.5												

Narrative

AHI_{full} (15 000 ha) from AT 2030/2050 (FAO, 2006) was considered too high compared to the AEI_{full} of 3 150 ha (1987). It is believed that the most representative data are those provided by the AQUASTAT database for the year 1987 (FAO, 2012). AAI_{full} was assumed to be equal to AEI_{full}, while AHI_{full} was 4 450 ha in 1987 (equal to AEI_{tot}) consisting only of rice. However, based on the previous exercise undertaken in 2000, the harvested irrigated area of rice was reduced to 3 000 ha (double cropping) to allow for vegetables (1 450 ha) consistently with the AQUASTAT country profile. The resulting cropping intensity is 141 percent. Vegetables are irrigated from December to April, similarly to Cameroon.

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