



BURUNDI

Irrigated crop calendar

2000

Irrigated crops	Area	Crop area as percentage of the full control equipped and actually irrigated area by month											
	1000 ha	J	F	M	A	M	J	J	A	S	O	N	D
Rice one	2.1		47	47	47	47	47						
Rice two	2.1	47								47	47	47	47
Vegetables one	0.4		9	9	9	9	9						
Vegetables two	0.4	9								9	9	9	9
Coffee	0.5	11	11	11	11	11	11	11	11	11	11	11	11
Sugarcane	1.5	33	33	33	33	33	33	33	33	33	33	33	33
Harvested irrigated crop area [AHI_{full}]	7.0												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	4.5	100	100	100	100	100	100	44	44	100	100	100	100
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	156												
Area equipped for full control irrigation [AEI_{full}]	7.0												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	64												
Total area equipped for irrigation [AEI_{tot}]	21.4												

Narrative

The AQUASTAT database reports a figure of 21 430 ha for AEI_{tot} as the sum of AEI_{full} (6 960 ha) and the equipped lowlands area (14 470 ha). AHI_{full} equals to 6 960 ha as reported in the AQUASTAT country profile (FAO, 2012). AAI_{full} was then calculated scaling down AHI_{full} by the area of one crop of rice and of one crop of vegetables (due to double cropping), that is 4 460 ha. As a result the cropping intensity is 156 percent. The main irrigated crops are rice (double cropping), vegetables (double cropping), sugarcane and coffee. Irrigation is practiced all year round with thanks to multiple cropping of temporary crops.

References

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