



RWANDA

Irrigated crop calendar

2007

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	2.0		100	100	100	100	100						
Vegetables one	1.0	50										50	50
Vegetables two	1.0							50	50	50	50		
Harvested irrigated crop area [AHI_{full}]	4.0												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	2.0	50	100	100	100	100	100	100	50	50	50	50	50
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	200												
Area equipped for full control irrigation [AEI_{full}]	4.6												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	43												
Total area equipped for irrigation [AEI_{tot}]	8.5	* This area refers to the year 2000											

Narrative

AEI_{tot} is 8 500 ha in 2000 and AEI_{full} 3 500 ha in 1996 (FAO, 2012). The 2009 State of Environment announces 4 625 ha of irrigated agriculture in 2007 (REMA, 2009), which is considered to be AEI_{full} based on the previous data. The 2008 National Agricultural Survey indicates that AAI_{tot} is 7 940 ha (NISR, 2010). It is assumed that AAI_{full} is 2 000 ha for coherency on cropping intensity. AHI_{full} and the crop calendar are similar to the previous exercise undertaken in 2000 and AT 2050/2080 (FAO, 2011) with a cropping intensity of 200 percent. Irrigation enables one or two crop of rice per year with vegetables grown during the rest of the year.

References

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- REMA [Rwanda Environment Management Authority]. 2009. State of the Environment and Outlook 2009. Available at <http://www.rema.gov.rw/soe/>, accessed in October