



MALAWI

Irrigated crop calendar

2002

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	3.2	6	6	6								6	6	
Rice two	3.2				6	6	6	6	6					
Maize	2.0	4	4	4								4	4	
Vegetables	2.0				4	4	4	4	4					
Sugarcane	21.7	40	40	40	40	40	40	40	40	40	40	40	40	
Tea	21.0	39	39	39	39	39	39	39	39	39	39	39	39	
Coffee	5.5	10	10	10	10	10	10	10	10	10	10	10	10	
Harvested irrigated crop area [AHI_{full}]	58.5													
Area equipped for full control irrigation actually irrigated [AAI_{full}]	54.1	99	99	99	99	99	99	99	99	99	89	89	99	99
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	108													
Area equipped for full control irrigation [AEI_{full}]	56.4													
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	96													
Total area equipped for irrigation [AEI_{tot}]	56.4													

Narrative

AEI_{tot} and AEI_{full} equal to 56 390 ha in 2002 (FAO, 2012). More recent report suggests AEI_{full} is 73 500 ha in 2006. AHI_{full} is 56 515 ha in 2000-2002 in the AQUASTAT country profile, but without any figure for maize, thus the 1992 figure was added, resulting in a AHI_{full} of 58 515 ha. AAI_{full} is estimated at 54 000 ha applying the ratio between AEI_{full} and AAI_{full} from the 1992 dataset. As a result, the cropping intensity is 108 percent. The main irrigated crops are sugarcane, tea, rice (double cropping), coffee, vegetables and maize. Irrigation is practiced all year round with a peak due to vegetables' irrigation from April to August.

References

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