



GUYANA

Irrigated crop calendar

2010

Calendar used in 2012 'Irrigation water use' study is downloadable in [PDF](#)

Irrigated crops	Area	Crop area as percentage of the full control actually irrigated area by month											
	1000 ha	J	F	M	A	M	J	J	A	S	O	N	D
Rice one	51				40	40	40	40	40				
Rice two	80	63								63	63	63	63
Vegetables °	4				3	3	3	3	3				
Citrus °	2	2	2	2	2	2	2	2	2	2	2	2	2
Sugarcane	42	33	33	33	33	33	33	33	33	33	33	33	33
Harvested irrigated crop area [AHI_{full}]	179												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	128	97	34	34	78	78	78	78	78	97	97	97	97
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	140												
Area equipped for full control irrigation [AEI_{full}]	143												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	89												
Total area equipped for irrigation [AEI_{tot}]	143	° These areas originate from AT2050/2080											

Narrative

Figures regarding equipped and irrigated areas are very consistent from one source to another. AEI_{full} is equal to 143 000 ha (GRDB & NGMC, 2012). AHI_{full} is 179 000 ha in 2010 when completing national data (BoS, 2012) with a limited area of additional crops from AT 2050/2080 (citrus and vegetables, FAO, 2011). AAI_{full} has been estimated at 85 percent of AEI_{full}, that is 127 500 ha. Thus the cropping intensity equals to 140 percent. The main irrigated crops are rice (double cropping) and sugarcane, as well as vegetables and citrus. Irrigation is practiced all year round.

References

- BoS.** 2012. *Statistical Bulletin 2011*. Bureau of Statistics. Available at <http://www.statisticsguyana.gov.gy/pubs.html#statsbull>, accessed in June 2012.
- FAO.** 2011. *World agriculture: towards 2050/2080*. FAO, Global Perspective Studies Unit. Rome. (Internal document).
- GRDB & NGMC.** 2012. *Data supplied to the AQUASTAT National consultant*. Guyana Rice Development Board and New Guyana Marketing Corporation.