



BELIZE

Irrigated crop calendar

2005

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 | 1.3 | | | | 38 | 38 | 38 | 38 | 38 | | | | |
| Vegetables | 0.1 | 2 | 2 | 2 | | | | | | | | 2 | 2 |
| Fruits | 1.9 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| Sugarcane | 0.2 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Harvested irrigated crop area [AHI_{full}] | 3.5 | | | | | | | | | | | | |
| Area equipped for full control irrigation actually irrigated [AAI_{full}] | 3.5 | 62 | 62 | 62 | 98 | 98 | 98 | 98 | 98 | 60 | 60 | 62 | 62 |
| Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}] | 100 | | | | | | | | | | | | |
| Area equipped for full control irrigation [AEI_{full}] | 3.5 | | | | | | | | | | | | |
| % of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}] | 100 | | | | | | | | | | | | |
| Total area equipped for irrigation [AEI_{tot}] | 3.5 | | | | | | | | | | | | |

Narrative

Irrigation is marginal because of the climatic and social conditions. AEI_{tot} is 3 548 ha and is equal to AEI_{full}, AAI_{full} and AHI_{full} (IWMI, 2007). Fruits (banana and papaya), rice and sugarcane are the main irrigated crops. There are also some vegetables irrigated in winter. Rice is irrigated from April to August, during the rainy season.

References

IWMI. 2007. *Groundwater in Central America: its importance, development and use, with particular reference to its role in irrigated agriculture*. In Giordano, M. and Villholth, K. G. 2007. *The agricultural groundwater revolution. Opportunities and threads to development*. International Water Management Institute.