



**LIBERIA**

**Irrigated crop calendar**

**1987**

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
Vegetables	0.1	100	100	100	100							100	100
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>0.1</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>0.1</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>100</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>100</b>												
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>0.1</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>100</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>2.1</b>												

**Narrative**

AEI<sub>tot</sub> is 2 100 ha but AEI<sub>full</sub> is marginal (100 ha). These data refer to 1987 but there is no new information to update them (FAO, 2012). AHI<sub>full</sub> is estimated at 3 000 ha in AT 2050/2080 (FAO, 2011). However, because of significant rainfall (2 391 mm/year), the irrigation infrastructure is very limited and almost not used. It was decided thus to set AAI<sub>full</sub> and AHI<sub>full</sub> also at 100 ha and allocate it to vegetables, as rice is mostly grown in swamps. Irrigation occurs from November to April, during the dry season.

**References**

- FAO. 2011. *World agriculture: towards 2050/2080*. FAO, Global Perspective Studies Unit. Rome. (Internal document).
- FAO. 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>