



**MAURITIUS**

**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
Maize	0.04					0.2	0.2	0.2	0.2	0.2			
Vegetables	0.76	4	4	4	4							4	4
Citrus	0.04	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Groundnuts	0.12	1	1	1	1							1	1
Sugarcane	19.49	94	94	94	94	94	94	94	94	94	94	94	94
Tobacco	0.34	2	2	2	2	2						2	2
Flowers	0.14	1	1	1	1							1	1
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>20.92</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>20.80</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>96</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>100</b>	<b>100</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>101</b>												
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>21.22</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>98</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>21.22</b>												

**Narrative**

AEI<sub>tot</sub> and AEI<sub>full</sub> are identical and equal to 21 220 ha in 2002 (FAO, 2012a). The AQUASTAT database also gives AAI<sub>tot</sub> and AAI<sub>full</sub> (20 800 ha) and AHI<sub>full</sub> (20 920 ha) for that year, resulting in a cropping intensity of just over 100 percent. Sugarcane is clearly the main irrigated crop. Some vegetables (tomatoes, eggplants, green peppers, and beans), tobacco, flowers, groundnuts, citrus and maize are also irrigated. Cropping seasons have been defined based on the FAO crop calendar tool (FAO, 2012b). Temporary crops are mostly irrigated from November to April, except Maize from May to September.

**References**

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

FAO. 2012b. Crop calendar tool. Available at <http://www.fao.org/agriculture/seed/cropcalendar/welcome.do;jsessionid=9DC07CAED4773F60E555828B0AD05940>, accessed in July 2012.