



**BOTSWANA**

**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	0.35	29	29	29	29	29							
Vegetables	0.30	24	24	24	24								24
Fruits (Citrus, etc.)	0.32	26	26	26	26	26	26	26	26	26	26	26	26
Fodder temporary	0.22					18	18	18	18	18			
Cotton	0.10	8	8	8	8	8						8	8
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>1.29</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>1.23</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>81</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>26</b>	<b>34</b>	<b>59</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>105</b>												
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>1.44</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>85</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>1.44</b>												

**Narrative**

AEI<sub>tot</sub> and AEI<sub>full</sub> equal to 1 439 ha in 2002 (FAO, 2012). A partial AHI<sub>full</sub> is given in the AQUASTAT database for 2002 (consisting of 321 ha of citrus and 299 ha of vegetables). AHI<sub>full</sub> (1 290 ha) was calculated by adding the 1991 additional areas for maize, cotton and temporary fodder, resulting in a cropping intensity of 105 percent. The cropping seasons originate from the previous exercise undertaken in 2000 for maize and cotton, and neighbouring countries for fodder. Temporary crops are mostly irrigated from November or January to April or May, except temporary fodder cultivated from May to September.

**References**

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