



**ECUADOR**

**Irrigated crop calendar**

**2000**

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	108					17	17	17	17	17			
Rice two	46	17	17								17	17	17
Maize	61					10	10	10	10	10			
Vegetables	81					13	13	13	13	13			
Fruits	42	7	7	7	7	7	7	7	7	7	7	7	7
Bananas	148	24	24	24	24	24	24	24	24	24	24	24	24
Citrus	8	1	1	1	1	1	1	1	1	1	1	1	1
Potatoes	13					2	2	2	2	2			
Coffee	9	1	1	1	1	1	1	1	1	1	1	1	1
Cocoa	33	5	5	5	5	5	5	5	5	5	5	5	5
Pulses	10					2	2	2	2	2			
Sugarcane	91	15	15	15	15	15	15	15	15	15	15	15	15
Other permanent crops	16	3	3	3	3	3	3	3	3	3	3	3	3
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>666</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>620</b>	<b>74</b>	<b>74</b>	<b>56</b>	<b>56</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>74</b>	<b>74</b>	<b>74</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>107</b>												
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>853</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>73</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>853</b>												



## Narrative Ecuador

The AQUASTAT database shows that  $AEI_{tot}$  is identical to  $AEI_{full}$  (863 400 ha) in 1997 (FAO, 2012). Based on the 2000 Agricultural National Census (INEC, 2008)  $AEI_{full}$  was fixed at 853 330 ha,  $AAI_{full}$  at 619 900 ha and  $AHI_{full}$  at 666 320 ha, resulting in a cropping intensity of 107 percent. The major part of the country is characterized by a humid tropical climate with an abundant availability of water resources. The major irrigated crops are rice (double cropping) and bananas, followed by sugarcane and vegetables. Some maize, other fruits (including citrus), cocoa, potatoes, pulses, coffee and other permanent crops are also irrigated. Annual crops are generally irrigated from May to September.

## References

**FAO.** 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>  
**Instituto Nacional de Estadística y Censos [INEC].** 2008. Base de Datos Censo Nacional Agropecuario 2000. Available at [http://www.inec.gob.ec/web/guest/ecu\\_est/est\\_agr/cen\\_agr](http://www.inec.gob.ec/web/guest/ecu_est/est_agr/cen_agr), accessed in November 2009.