



**PANAMA**

**Irrigated crop calendar**

**2009**

Calendar used in 2012 'Irrigation water use' study is downloadable in [PDF](#)

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control actually irrigated area by month												
		J	F	M	A	M	J	J	A	S	O	N	D	
Rice one	9				27	27	27	27	27					
Rice two	13	39								39	39	39	39	
Vegetables	1				4	4	4	4	4					
Melon	4				11	11	11	11	11					
Bananas	1	3	3	3	3	3	3	3	3	3	3	3	3	
Other temporary crops	2				8	8	8	8	8					
Sugarcane	14	43	43	43	43	43	43	43	43	43	43	43	43	
Other permanent crops	0.3	1	1	1	1	1	1	1	1	1	1	1	1	
Permanent meadows and pastures	1	3	3	3	3	3	3	3	3	3	3	3	3	
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>44.7</b>													
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>32.1</b>	<b>89</b>	<b>50</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>139</b>													
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>32.1</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>32.1</b>													

**Narrative**

AEI<sub>full</sub> is 32 140 ha in 2009, similar to AEI<sub>tot</sub> and AAI<sub>full</sub> (MIDA, 2013). AHI<sub>full</sub> is equal to 44 678 ha (MIDA, 2011), resulting in a cropping intensity of 139 percent. Irrigation started in Panama in 1920 to grow bananas (FAO, 2012), but the main irrigated crops are now rice (double cropping) and sugarcane. Some melon, vegetables and permanent pastures are also irrigated. Temporary crops are irrigated from April to August during most of the rainy season, which starts in May for the rest of the year.

**References**

MIDA. 2011. *Informe de cierre año agrícola 2009-2010*. Ministerio de Desarrollo Agropecuario.

MIDA. 2013. *Nota DNIRR-NC-267-13: Información correspondiente a Panamá para actualización de AQUASTAT*. Ministerio de Desarrollo Agropecuario.