



## CARIBBEAN - Lesser Antilles

(Bahamas, Barbados, **Dominica**, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago)

### Irrigated crop calendar

2009

Irrigated crops	Area 1000 ha	Crop area as percentage of the											
		J	F	M	A	M	J	J	A	S	O	N	D
Rice	5			36	36	36	36	36					
Maize	1			7	7	7	7	7					
Vegetables	2			14	14	14	14	14					
Bananas and plantains	4	28	28	28	28	28	28	28	28	28	28	28	28
Other fruits	2	15	15	15	15	15	15	15	15	15	15	15	15
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>14</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>14</b>	<b>43</b>	<b>43</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</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>17</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>82</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>17</b>												

### Narrative

The given crop calendar includes some of the islands of this sub-region (Bahamas, Barbados, Dominica, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago). There is a considerable potential for irrigated agriculture on many of these islands. However irrigation is very limited. AEI<sub>tot</sub> and AEI<sub>full</sub> are around 17 110 ha when adding up data available in AQUASTAT for each of these islands for the period 2005-2012 (FAO, 2015). Much less data is available for AAI<sub>full</sub>, thus a partial AEI<sub>full</sub> is around 11 435 ha. However, AAI<sub>full</sub> is equal to 82 percent of AEI<sub>full</sub> for islands where both data are available, therefore it is assumed that AAI<sub>full</sub> is 14 060 ha for the 6 islands. Based on qualitative information and the neighbouring countries, it is assumed that AHI<sub>full</sub> is equal to AAI<sub>full</sub> resulting in a cropping intensity of 100 percent (FAO, 2012). The main irrigated crops are rice and bananas (including plantains). Some other fruits (such as citrus), vegetables and maize are also irrigated. Irrigation of temporary crops occurs from March to July.

### References

FAO. 2015. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>

### Note

In the absence of enough detail for each country, the harvested irrigated crops of Caribbean countries (Lesser Antilles) have been grouped together in a single crop calendar.