



**ARGENTINA**

**Irrigated crop calendar**

**2008**

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
Wheat	60						3	3	3	3	3	3	3
Rice	164	8	8	8								8	8
Maize	198	9	9	9								9	9
Sorghum	108	5	5	5								5	5
Vegetables	312	14	14	14								14	14
Fruits	537	25	25	25	25	25	25	25	25	25	25	25	25
Citrus	22	1	1	1	1	1	1	1	1	1	1	1	1
Oil crops	9	0.4	0.4	0.4								0.4	0.4
Potatoes	29	1	1	1								1	1
Pulses	208	10	10	10								10	10
Sugarcane	246	11	11	11	11	11	11	11	11	11	11	11	11
Cotton	17	1	1	1	1							1	1
Tobacco	10	0.5	0.5	0.5								0.5	0.5
Fodder temporary	380						18	18	18	18	18		
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>2 300</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>2 162</b>	<b>86</b>	<b>86</b>	<b>86</b>	<b>38</b>	<b>37</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>89</b>	<b>89</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>106</b>	* These figures refer to the year 2011											
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>2 357</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>92</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>2 357</b>												



## Narrative Argentina

$AEI_{tot}$  and  $AEI_{full}$  are 2 357 000 ha and  $AAI_{full}$  is 2 162 100 ha in 2011 (FAO, 2012).  $AHI_{full}$  is 2 300 000 ha in 2008 according to the 2008 Agricultural Census (INDEC, 2009), but limited details about the existing crops are available. Therefore the crops' areas mentioned in the crop calendar are based on AT 2050/2080 (FAO, 2011), but adjusted with the census' data. The crop calendar for temporary fodder was assumed to be very similar to winter wheat as it is generally the case in neighbouring countries. The resulting cropping intensity is 106 percent. Temporary crops are irrigated from November till March, during the dry summer period, except wheat which is irrigated from June to December and temporary fodder from June to October.

## References

- FAO. 2011. *World agriculture: towards 2050/2080*. FAO, Global Perspective Studies Unit. Rome. (Internal document).
- FAO. 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>