



**TUNISIA**

**Irrigated crop calendar**

**2011**

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 equipped and actually irrigated area by month											
		J	F	M	A	M	J	J	A	S	O	N	D
Winter wheat	43	11	11	11	11						11	11	11
Spring wheat	6				1	1	1	1	1				
Barley	24	6	6	6							6	6	6
Other cereals	1			0.3	0.3	0.3	0.3	0.3					
Vegetables 1	48			13	13	13	13						
Vegetables 2	48							13	13	13	13		
Fruit	29	8	8	8	8	8	8	8	8	8	8	8	8
Citrus	22	6	6	6	6	6	6	6	6	6	6	6	6
Date palm	31	8	8	8	8	8	8	8	8	8	8	8	8
Olives	62	16	16	16	16	16	16	16	16	16	16	16	16
Potatoes	22			6	6	6	6	6					
Pulses	4			1	1	1	1	1					
Sugar beets	5			1	1	1	1	1	1				
Fodder temporary	57			15	15	15	15	15					
Fodder permanent and meadows	16	4	4	4	4	4	4	4	4	4	4	4	4
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>419</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>380</b>	<b>60</b>	<b>60</b>	<b>96</b>	<b>91</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>58</b>	<b>55</b>	<b>73</b>	<b>60</b>	<b>60</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>110</b>												
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>460</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>83</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>460</b>												



## Narrative Tunisia

$AEI_{tot}$  is 459 570 ha,  $AAI_{full}$  is 379 990 ha and  $AHI_{full}$  is 419 030 ha in 2011 (ONAGRI, 2011), resulting in a cropping intensity of 110 percent. Based on ONAGRI (2011), it was assumed that industrial crops were sugar beet as it was in the previous crop calendar, and that there was a double cropping of vegetables. The main irrigated crops are vegetables (23 percent, tomatoes, paprikas, watermelon and onions), fruit (20 percent including citrus and palm trees), cereals (18 percent, mainly wheat but also barley), and fodder (17 percent, temporary and permanent). Olives trees, potatoes, sugar beet and pulses are also irrigated. Irrigation is practiced all year round. Temporary crops are mostly cultivated and irrigated in early summer from March to July, except wheat and barley which are grown from October to February or April.

## References

**ONAGRI.** 2011. *Enquête sur les périmètres irrigués 2011*. Observatoire National de l'Agriculture. Ministère de l'Agriculture et des Ressources Hydrauliques.