



MOROCCO

Irrigated crop calendar

2011

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

Irrigated crops	Area	Crop area as percentage of the full control equipped and actually irrigated area by month											
	1000 ha	J	F	M	A	M	J	J	A	S	O	N	D
Wheat	370	28	28	28	28						28	28	28
Rice	8				1	1	1	1	1				
Maize	64				5	5	5	5	5				
Barley	98	7	7	7							7	7	7
Vegetables	209					16	16	16	16	16			
Fruits	147	11	11	11	11	11	11	11	11	11	11	11	11
Citrus	101	8	8	8	8	8	8	8	8	8	8	8	8
Olive	330	25	25	25	25	25	25	25	25	25	25	25	25
Oil palm	70	5	5	5	5	5	5	5	5	5	5	5	5
Pulses	15				1	1	1	1	1				
Sugarcane	11	1	1	1	1	1	1	1	1	1	1	1	1
Sugar beet	44				3	3	3	3	3				
Other temporary crops	23				2	2	2	2	2				
Fodder temporary	200	15	15	15							15	15	15
Fodder permanent	21	2	2	2	2	2	2	2	2	2	2	2	2
Harvested irrigated crop area [AHI_{full}]	1 711												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	1 341	100	100	100	90	78	78	78	78	66	100	100	100
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	128												
Area equipped for full control irrigation [AEI_{full}]	1 458												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	92												
Total area equipped for irrigation [AEI_{tot}]	1 520												



Narrative Morocco

AEI_{tot} is 1 520 360 ha in 2011 while AEI_{full} is 1 458 160 ha and AAI_{full} is 1 341 491 ha and for the same year (MAPM, 2014). AHI_{full} is equal to 1 711 000 ha for 2011, resulting in a cropping intensity of 128 percent. The main irrigated crops are cereals (32 percent, mainly wheat), olives (19 percent), fodder (temporary and permanent, 13 percent), vegetables (12 percent) and fruits (14 percent, including citrus). Some oil palm, sugar beet, pulses and sugarcane are also irrigated. Irrigation is practiced all year round. The temporary crops are mostly cultivated and irrigated from April to August, except wheat, barley and temporary fodder.

References

MAPM. 2014. Personal communication. Direction de l'Irrigation et de l'Aménagement de l'Espace Agricole. Ministère de l'Agriculture et de la Pêche Maritime.