



BAHRAIN

Irrigated crop calendar

2000

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
Vegetables	1.015				25	25	25	25	25				
Fruits (dates)	2.210	55	55	55	55	55	55	55	55	55	55	55	55
Fodder temporary	0.790	20	20	20	20							20	20
Harvested irrigated crop area [AHI_{full}]	4.015												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	4.015	75	75	75	100	80	80	80	80	55	55	75	75
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	4.015												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	100												
Total area equipped for irrigation [AEI_{tot}]	4.015												

Narrative

AEI_{full} equals AEI_{tot} in 2000 (4 015 ha) according to the AQUASTAT database (FAO, 2012), while AAI_{full} is considered similar to AEI_{full} by Siebert *et al.* (2010). AHI_{full} is 4 015 ha (FAO, 2012) resulting in a cropping intensity of 100 percent. The main irrigated crops are fruit (dates), vegetables (mainly tomatoes) and temporary fodder (mainly alfalfa). Irrigation is practiced all year round.

References

FAO. 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>

Siebert, S., Burke, J., Faures, J. M., Frenken, K., Hoogeveen, J., Döll, P., and Portmann, F. T. 2010. Ground water use for irrigation - a global inventory. *Hydrol. Earth Syst. Sci.*, 14, 1863–1880. Available at <http://www.fao.org/docrep/013/al816e/al816e00.pdf>, accessed in June 2012.