



ISRAEL

Irrigated crop calendar

2006

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
Wheat	9	5	5	5	5						5	5	5
Other cereals	5					3	3	3	3	3			
Vegetables	54					30	30	30	30	30			
Fruits	54	29	29	29	29	29	29	29	29	29	29	29	29
Citrus	16	9	9	9	9	9	9	9	9	9	9	9	9
Sunflower	4					2	2	2	2	2			
Pulses	8					4	4	4	4	4			
Potatoes	18					10	10	10	10	10			
Cotton	14				7	7	7	7	7	7	7		
Flowers	3	2	2	2	2	2	2	2	2	2	2	2	2
Harvested irrigated crop area [AHI_{full}]	184												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	182	45	45	45	52	96	96	96	96	96	52	45	45
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	101												
Area equipped for full control irrigation [AEI_{full}]	225	*											
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	81												
Total area equipped for irrigation [AEI_{tot}]	225	* These areas refer to the year 2004											



Narrative Israel

In 2004, AEI_{tot} and AEI_{full} are equal to 225 000 ha, of which 75 percent equipped with localized irrigation (mostly drip irrigation) (FAO, 2012; MARD, 2006). AAI_{full} is estimated at 182 000 ha (Siebert *et al.*, 2010). AHI_{full} reaches 183 600 ha in 2006 (CBS, 2009) which is close to the figure referring to 2000 in the AQUASTAT database (182 000 ha). The cropping intensity is 101 percent. The main irrigated crops are vegetables (including potatoes) and permanent crops (fruit and citrus). Some cereals, cotton, sunflower and flowers are also irrigated. Temporary crops are irrigated from May to September, except cotton (from April to October) and wheat (October to April).

References

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