



YEMEN

Irrigated crop calendar

2004

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	42	9	9	9	9	9						9	9
Maize	19						4	4	4	4	4		
Barley	11	2	2	2	2	2							2
Millet	8	2	2	2	2								2
Sorghum	43						9	9	9	9	9		
Vegetables	55						12	12	12	12	12		
Fruits	56	12	12	12	12	12	12	12	12	12	12	12	12
Bananas	9	2	2	2	2	2	2	2	2	2	2	2	2
Citrus	11	2	2	2	2	2	2	2	2	2	2	2	2
Sesame	14						3	3	3	3	3		
Potatoes	17						4	4	4	4	4		
Pulses	27						6	6	6	6	6		
Coffee	19	4	4	4	4	4	4	4	4	4	4	4	4
Fodder temporary	71	16	16	16	16							16	16
Cotton	17						4	4	4	4	4	4	
Tobacco	8						2	2	2	2	2		
Qat	100	22	22	22	22	22	22	22	22	22	22	22	22
Harvested irrigated crop area [AHI_{full}]	527												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	454	72	72	72	72	58	87	87	87	87	87	71	72
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	116												
Area equipped for full control irrigation [AEI_{full}]	454												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	100												
Total area equipped for irrigation [AEI_{tot}]	680												



Narrative Yemen

According to the AQUASTAT database, AEI_{tot} is 680 100 ha and AEI_{full} is 454 310 ha in 2004 (FAO, 2012). It is assumed that AAI_{full} is similar to AEI_{full} . AHI_{full} is equal to 527 000 ha for the same year (MAI, 2005), resulting in a cropping intensity of 116 percent. The main irrigated crops are qat, cereals (mainly wheat and sorghum, but also maize, barley and millet), fruit (including bananas and citrus) and vegetables. Some temporary fodder, pulses, coffee, potatoes, sesame and tobacco are also irrigated. Temporary crops are irrigated from June to October except cotton, which is grown from May to November and winter cereals, which are grown from November to April or May.

References

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

Ministry of Agriculture and Irrigation [MAI]. 2005. *Agricultural Statistics Pamphlet 2004*. General Department of Agricultural Statistics & Documentation. Yemen.