



IRAQ

Irrigated crop calendar

2010

Irrigated crops	Area	Crop area as percentage of the full control actually irrigated area by month											
	1000 ha	J	F	M	A	M	J	J	A	S	O	N	D
Wheat	960	61	61	61	61						61	61	61
Rice	48					3	3	3	3	3			
Barley	362	23	23	23	23							23	23
Maize	113					7	7	7	7	7			
Other cereals	20					1	1	1	1	1			
Vegetables	261					17	17	17	17	17			
Fruits°	190	12	12	12	12	12	12	12	12	12	12	12	12
Citrus°	32	2	2	2	2	2	2	2	2	2	2	2	2
Oil crops (sunflower & sesame)	19					1	1	1	1	1			
Potatoes	13					1	1	1	1	1			
Pulses	12					1	1	1	1	1			
Cotton	21				1	1	1	1	1	1	1		
Harvested irrigated crop area [AHI_{full}]	2 050												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	1 564	99	99	99	100	47	47	47	47	47	77	99	99
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	131	* * These areas refer to the year 1990 ° These areas originate from AT2050/2080											
Area equipped for full control irrigation [AEI_{full}]	3 525												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	44												
Total area equipped for irrigation [AEI_{tot}]	3 525												



Narrative Iraq

AEI_{tot} and AEI_{full} equal to 3 525 000 ha in 1990 (FAO, 2003) of which it is likely that a significant amount has been abandoned due to waterlogging, salinity and conflicts (FAO, 2012). In this country, irrigation started when Sumerians built a canal to irrigate wheat and barley in Mesopotamia. These two crops are still the main irrigated ones. A partial AHI_{full} is 1 828 000 ha in 2010 according the Annual Abstract of Statistics 2010-2011 (COS, 2011). AHI_{full} was completed by adding the missing crops' areas (fruits including citrus) from AT 2050/2080 (FAO, 2011). As a result, AHI_{full} is estimated at 2 050 000 ha in 2010. Wheat and barley, the two main irrigated crops, are grown in winter, that is outside the common irrigation period. Thus AAI_{full} was calculated to be 1 564 000 ha, which is the total area of winter crops (wheat and barley), permanent crops (fruits and citrus) and cotton which are cultivated simultaneously. The resulting cropping intensity is 131 percent. Some vegetables, maize, rice and other cereals, oil crops (sesame and sunflower), potatoes and pulses are grown and irrigated during summer, between May and September.

References

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