



PAKISTAN

Irrigated crop calendar

2008

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	7 335	38	38	38	38	38							38	38
Rice	2 515						13	13	13	13	13			
Maize	947						5	5	5	5	5			
Millet	478						2	2	2	2	2			
Sorghum	253						1	1	1	1	1			
Barley	82	0.4	0.4	0.4	0.4								0.4	0.4
Vegetables	353						2	2	2	2	2			
Fruits	560	3	3	3	3	3	3	3	3	3	3	3	3	3
Bananas	36	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Citrus	199	1	1	1	1	1	1	1	1	1	1	1	1	1
Sunflower	397						2	2	2	2	2			
Sesame	70						0.4	0.4	0.4	0.4	0.4			
Rapeseed	202	1	1	1									1	1
Groundnuts	9						0.05	0.05	0.05	0.05	0.05			
Potatoes	154						0.8	0.8	0.8	0.8	0.8			
Pulses	1 006						5	5	5	5	5			
Sugarcane	1 241	6	6	6	6	6	6	6	6	6	6	6	6	6
Fodder temporary	2 460	13	13	13	13								13	13
Cotton	3 054						16	16	16	16	16	16	16	16
Tobacco	51						0.3	0.3	0.3	0.3	0.3			
Other temporary crops	50						0.3	0.3	0.3	0.3	0.3			
Harvested irrigated crop area [AHI_{full}]	21 452													
Area equipped for full control irrigation actually irrigated [AAI_{full}]	19 270	63	63	63	62	49	59	59	59	59	59	59	79	79
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	111													
Area equipped for full control irrigation [AEI_{full}]	19 270													
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	100													
Total area equipped for irrigation [AEI_{tot}]	19 990													



Narrative Pakistan

AEI_{tot} is estimated at 19 990 000 ha (including 720 000 ha of spate irrigation) in 2008. AEI_{full} is thus 19 270 000 ha and AAI_{full} is considered to be the same (FAO, 2012). AHI_{full} is 21 452 000 ha in 2008 resulting in a cropping intensity of 111 percent. The main irrigated crops are cereals (54 percent, mainly wheat and rice), cotton (14 percent) and temporary fodder (11 percent). Some pulses, fruits (including bananas and citrus, sunflower, vegetables, rapeseed, potatoes, sesame, tobacco, groundnuts and other temporary crops are also irrigated. Irrigation of temporary crops occurs either from July to October or 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>