



DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA
Irrigated crop calendar

1995

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	74					5	5	5	5	5			
Rice	470					35	35	35	35	35			
Maize and other cereals	331					25	25	25	25	25			
Vegetables	147					11	11	11	11	11			
Fruits	39	3	3	3	3	3	3	3	3	3	3	3	3
Soybeans	94					7	7	7	7	7			
Potatoes	86					6	6	6	6	6			
Sweet potatoes	19					1	1	1	1	1			
Pulses	84					6	6	6	6	6			
Tobacco	7					1	1	1	1	1			
Harvested irrigated crop area [AHI_{full}]	1 351												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	1 351	3	3	3	3	100	100	100	100	100	3	3	3
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	1 460												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	93												
Total area equipped for irrigation [AEI_{tot}]	1 460												

Narrative

AEI_{tot} and AEI_{full} are similar and equal to 1 460 000 ha in 1995 (FAO, 2012). The previous exercise undertaken in 2000 suggested that the only period under cultivation was from May to September, during the raining season, except for fruits. AHI_{full} is estimated at 1 351 000 ha in 2006 by AT 2050/2080 (FAO, 2011). It is assumed that AAI_{full} is equal to AHI_{full} which corresponds to 93 percent of AEI_{full}. The main irrigated crops are rice, other cereals (mostly maize and wheat), vegetables, soybeans, potatoes and sweet potatoes as well as pulses. Some fruits and tobacco are also irrigated.

References

- FAO. 2011. *World agriculture: towards 2050/2080*. FAO, Global Perspective Studies Unit. Rome. (Internal document).
 FAO. 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>