



CANADA

Irrigated crop calendar

2010

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	70				9	9	9	9	9				
Barley	36				5	5	5	5	5				
Maize	287				37	37	37	37	37				
Vegetables	36				5	5	5	5	5				
Fruits	32	4	4	4	4	4	4	4	4	4	4	4	4
Oil crops	8				1	1	1	1	1				
Soybeans	128				17	17	17	17	17				
Potatoes	71				9	9	9	9	9				
Pulses	16				2	2	2	2	2				
Sugar beet	6				1	1	1	1	1				
Fodder temporary	79				10	10	10	10	10				
Harvested irrigated crop area [AHI_{full}]	770												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	770	4	4	4	100	100	100	100	100	4	4	4	4
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	770												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	100												
Total area equipped for irrigation [AEI_{tot}]	770												

Narrative

Over 90 percent of the irrigated area is located in the provinces of Alberta, British Columbia, Saskatchewan and Ontario. For the whole country AHI_{full} is equal to 770 150 ha in 2010 (Statistics Canada, 2012). AEI_{full} and AAI_{full} are assumed similar to AHI_{full}. The main irrigated crops are cereals (mainly maize), soybeans, temporary fodder (it is assumed that it is temporary fodder and improved pastures) and potatoes. Some vegetables, fruits, pulses, sugar beet and oil crops are also irrigated. Irrigation is practiced only during the summer, from April to September.

References

Statistics Canada. 2012. Census of Agriculture. Land use, tenure, and land management practices -Irrigation. Available at <http://www.statcan.gc.ca/pub/95-629-x/2007000/4182415-eng.htm> - irrigation, accessed in June 2012.