



SLOVENIA

Irrigated crop calendar

2010

Irrigated crops	Area	Crop area as percentage of the full control equipped and actually irrigated area by month											
	1000 ha	J	F	M	A	M	J	J	A	S	O	N	D
Maize	0.29				8	8	8	8	8				
Other cereals	0.27				8	8	8	8	8				
Vegetables	0.76				22	22	22	22	22				
Fruits	0.63	18	18	18	18	18	18	18	18	18	18	18	18
Grapes	0.02	1	1	1	1	1	1	1	1	1	1	1	1
Potatoes	0.06				2	2	2	2	2				
Sugar beet	0.13			4	4	4	4	4	4				
Fodder temporary	0.15				4	4	4	4	4				
Pasture permanent	0.02	1	1	1	1	1	1	1	1	1	1	1	1
Flowers	0.08				2	2	2	2	2				
Hop	1.10				32	32	32	32	32				
Harvested irrigated crop area [AHI_{full}]	3.50												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	3.50	19	19	23	100	100	100	100	100	19	19	19	19
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	7.60												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	46												
Total area equipped for irrigation [AEI_{tot}]	7.60												

Narrative

AEI_{tot} and AEI_{full} are 7 604 ha and AEI_{full} is 3 501 ha in 2010 (SORS, 2012). AAI_{full} was assumed to be equal to AHI_{full} resulting in a cropping intensity of 100 percent. The main irrigated crops are hop, vegetables, cereals, and fruits. Some temporary fodder, potatoes, sugar beet, flowers, vineyards and permanent pasture are also irrigated. Temporary crops are summer crops irrigated from March (sugar beet only) or April to August. Permanent crops, in particular fruit trees and vineyards, are irrigated almost the whole year: for water deficit in dry periods and frost protection in winter/spring.

References

Statistical Office of the Republic of Slovenia [SORS]. 2012. 2010 Agricultural Census. Available at http://pxweb.stat.si/pxweb/Database/Agriculture_2010/Agriculture_2010.asp, accessed in June 2012.