



CHILE

Irrigated crop calendar

2007

Calendar used in 2012 'Irrigation water use' study is downloadable in [PDF](#)

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	48						4	4	4	4	4	4	4
Rice	22	2	2	2								2	2
Maize	101	9	9	9								9	9
Barley	2						0.2	0.2	0.2	0.2	0.2	0.2	
Other cereals	8	1	1	1								1	1
Vegetables	104	9	9	9								9	9
Fruits	246	23	23	23	23	23	23	23	23	23	23	23	23
Grapes	104	10	10	10	10	10	10	10	10	10	10	10	10
Citrus	17	2	2	2	2	2	2	2	2	2	2	2	2
Oil crops	6	0.5	0.5	0.5								0.5	0.5
Potatoes	22	2	2	2								2	2
Pulses	10	1	1	1								1	1
Sugar beet	19	2	2	2							2	2	2
Fodder temporary	283						26	26	26	26	26	26	
Tobacco	3	0.3	0.3	0.3								0.3	0.3
Pasture permanent	100	9	9	9	9	9	9	9	9	9	9	9	9
Harvested irrigated crop area [AHI_{full}]	1 094												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	1 094	70	70	70	43	43	73	73	73	73	75	100	74
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	1 109												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	99												
Total area equipped for irrigation [AEI_{tot}]	1 109												



Narrative Chile

AEI_{tot} and AEI_{full} are 1 108 559 ha in 2007 (INE, 2009). AAI_{full} is 1 093 813 ha in 2007 (IICA, 2010). It is assumed that AHI_{full} equals AAI_{full} , as no double cropping is permitted by the crop calendar, thus resulting in a cropping intensity of 100 percent. The main irrigated crops are fruit (including grapes and citrus), temporary fodder, cereals (mainly maize and wheat, but also rice and barley), vegetables, potatoes and permanent pastures. Some sugar beet, pulses, tobacco and oil industrial crops are also irrigated. Temporary crops are irrigated mostly in summer, from November to March, except some cereals and temporary fodder, which are irrigated from June to December and November respectively.

References

- IICA.** 2010. *El riego en los países del Cono Sur*. Plataforma tecnológica del Riego PROCISUR. Instituto Interamericano de Cooperación para la Agricultura. Available at <http://orton.catie.ac.cr/repdoc/A6055E/A6055E.PDF>, accessed in June 2012.
- INE.** 2009. *Base de datos VII Censo Nacional Agropecuario y Forestal*. Instituto Nacional de Estadísticas.