



FRANCE

Irrigated crop calendar

2007

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
Wheat	30	2	2	2	2	2						2	2
Maize	756				50	50	50	50	50				
Other cereals	60				4	4	4	4	4				
Vegetables	166				11	11	11	11	11				
Fruits	136	9	9	9	9	9	9	9	9	9	9	9	9
Soybeans	30				2	2	2	2	2				
Sunflower	15				1	1	1	1	1				
Potatoes	60				4	4	4	4	4				
Pulses	60				4	4	4	4	4				
Sugar beet	30			2	2	2	2	2	2				
Fodder temporary	136	9	9	9	9							9	9
Fodder permanent	30	2	2	2	2	2	2	2	2	2	2	2	2
Harvested irrigated crop area [AHI_{full}]	1 512												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	1 512	22	22	24	100	91	89	89	89	11	11	22	22
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	2 670												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	57												
Total area equipped for irrigation [AEI_{tot}]	2 670												



Narrative France

AEI_{tot} and AEI_{full} are 2 670 000 ha (FAO, 2012) and AAI_{full} is 1 512 000 ha in 2007 (Eurostat, 2012). The crop calendar is based on the 2000 agricultural census (Ministère de l'Agriculture, 2010). AHI_{full} is estimated equal to AAI_{full} . The main irrigated crops are cereals (56 percent, mainly maize), vegetables (11 percent), fodder (11 percent, temporary and permanent), and fruits. Potatoes, pulses, sugar beet, soybean and sunflower are also sometimes irrigated. Temporary crops are irrigated from March (sugar beet) or April to August, except winter wheat and temporary fodder which are irrigated from November to April/May. Fruit trees are irrigated for water deficit in summer and for frost protection in winter/spring.

References

Eurostat. 2012. EUROSTAT irrigation data. Available at <http://epp.eurostat.ec.europa.eu/>, accessed in June 2012.

FAO. 2012. AQUASTAT, FAO's global information system on water and agriculture. <http://www.fao.org/nr/aquastat>

Ministère de l'Agriculture. 2010. Recensement 2000. Agreste - Actualité et statistique agricole. Ministère de l'Alimentation, de l'Agriculture et de la Pêche (France). Available at <http://www.agreste.agriculture.gouv.fr/enquetes/recensement-agricole/>, accessed in November 2010.