



SERBIA

Irrigated crop calendar

2011

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control equipped and actually irrigated area by month											
		J	F	M	A	M	J	J	A	S	O	N	D
Maize	10				29	29	29	29	29				
Other cereals	8				23	23	23	23	23				
Vegetables	6				18	18	18	18	18				
Fruits	3	7	7	7	7	7	7	7	7	7	7	7	7
Grapes	1	2	2	2	2	2	2	2	2	2	2	2	2
Potatoes	1				3	3	3	3	3				
Sugar beet	2			5	5	5	5	5	5				
Fodder temporary	4				13	13	13	13	13				
Harvested irrigated crop area [AHI_{full}]	34												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	34	9	9	14	100	100	100	100	100	9	9	9	9
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	92												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	37												
Total area equipped for irrigation [AEI_{tot}]	92												



Narrative Serbia

AEI_{tot} is 91 959 ha and AAI_{tot} is 34 175 ha in 2011 (SORS, 2012). AEI_{full} and AAI_{full} are considered equal to AEI_{tot} and AAI_{tot} respectively. AHI_{full} is estimated similar to AAI_{full} . In the absence of details regarding the irrigated crops, the crop distribution derives mainly from the total crop distribution in arable lands (FAO, 2009): cereals (52 percent), meadows (14 percent), forage (11 percent, regrouped with meadows into temporary fodder), industrial crops (8 percent divided into potatoes, sugar beet), vegetables (7 percent), orchards (6 percent), grapes (2 percent). Based on neighbouring countries, temporary fodder (13 percent) has been reduced for the benefit of vegetables (18 percent). The crop calendar is similar to neighbouring countries. Temporary irrigation occurs mainly from April to August.

References

FAO. 2009. Country report on the state of plant genetic resources for food and agriculture. Republic of Serbia. Rome, Italy. Available at <http://www.fao.org/docrep/013/i1500e/Serbia.pdf>, accessed in August 2012.

Statistical Office of the Republic of Serbia [SORS]. 2012. Irrigation in Republic of Serbia, 2011. Available at <http://pod2.stat.gov.rs/ObjavljenePublikacije/G2012/pdfE/G20121081.pdf>, accessed in August 2012.