



NICARAGUA

Irrigated crop calendar

2011

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
Rice	42	29	29	29	29							29	29
Maize	1	1	1	1	1						1	1	1
Sorghum	0.3									0.2	0.2	0.2	0.2
Bananas	13	9	9	9	9	9	9	9	9	9	9	9	9
Plantains	20	14	14	14	14	14	14	14	14	14	14	14	14
Groundnuts	1	1						1	1	1	1	1	1
Sugarcane	63	44	44	44	44	44	44	44	44	44	44	44	44
Other temporary crops	1							1	1	1	1	1	
Tobacco	2	1	1	1	1	1	1	1	1	1	1	1	1
Harvested irrigated crop area [AHI_{full}]	144												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	144	99	99	99	99	69	69	70	70	70	71	100	99
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	199												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	72												
Total area equipped for irrigation [AEI_{tot}]	199												

Narrative

From the 2001 to the 2012 Agrarian Census AEI_{full} increased from 94 240 ha to 199 086 ha in 2011. AAI_{full} is equal to 144 136ha (MAGFR, FAO, INIDE, BM, 2013) similar to AHI_{full} (INIDE, MAGFOR, 2012), resulting in a cropping intensity of 100 percent. The main irrigated crops are sugarcane, rice, plantains and bananas. Some tobacco, maize, groundnuts, and sorghum are also irrigated. Irrigation is practiced all year round.

References

INIDE and MAGFOR. 2012. *IV Censo Nacional Agropecuario (CENAGRO)*. Instituto Nacional de Información de Desarrollo, Ministerio Agropecuario y Forestal.

MAGFOR, FAO, INIDE, BM. 2013. *Estudio Especial del CENAGRO IV: Uso, Manejo y Valoración económica del agua en el sector agropecuario nacional*. Ministerio Agropecuario y Forestal, Food and Agriculture Organization of the United Nations, Instituto Nacional de Información de Desarrollo, Banco Mundial.