



PERU

Irrigated crop calendar

1994

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	86		8	8	8	8	8						
Maize	220		20	20	20	20	20						
Barley	15		1	1	1	1	1						
Other cereals	27		2	2	2	2	2						
Vegetables	62							6	6	6	6	6	
Fruits	86	8	8	8	8	8	8	8	8	8	8	8	8
Bananas	18	2	2	2	2	2	2	2	2	2	2	2	2
Citrus	26	2	2	2	2	2	2	2	2	2	2	2	2
Grapes	10	1	1	1	1	1	1	1	1	1	1	1	1
Potatoes	101							9	9	9	9	9	
Other roots	35							3	3	3	3	3	
Coffee	8	1	1	1	1	1	1	1	1	1	1	1	1
Pulses	64							6	6	6	6	6	
Sugarcane	101	9	9	9	9	9	9	9	9	9	9	9	9
Fodder temporary	161		14	14	14	14	14						
Cotton	84	8	8	8	8	8	8						8
Other temporary crops	21							2	2	2	2	2	
<b>Harvested irrigated crop area [AHI<sub>full</sub>]</b>	<b>1 124</b>												
<b>Area equipped for full control irrigation actually irrigated [AAI<sub>full</sub>]</b>	<b>1 109</b>	<b>30</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>30</b>
<b>Cropping intensity (%) = 100 x [AHI<sub>full</sub>]/[AAI<sub>full</sub>]</b>	<b>101</b>												
<b>Area equipped for full control irrigation [AEI<sub>full</sub>]</b>	<b>1 729</b>												
<b>% of full control equipped actually irrigated = 100 x [AAI<sub>full</sub>]/[AEI<sub>full</sub>]</b>	<b>64</b>												
<b>Total area equipped for irrigation [AEI<sub>tot</sub>]</b>	<b>1 729</b>												



## Narrative Peru

$AEI_{tot}$  and  $AEI_{full}$  are 1 729 069 ha in 1994 (INEI, 2010). According to Siebert *et al.* (2005),  $AAI_{full}$  is 1 109 000 ha.  $AHI_{full}$  is almost 1 124 000 ha in the 1994 agricultural census (INEI, 2010), resulting in a cropping intensity of 101 percent. The agricultural irrigated production consists mainly of cereals (rice, maize and barley), vegetables, potatoes and other roots, fruits (including citrus and grapes), bananas, fodder (considered to be temporary due to the list of plant varieties detailed in the census) and sugarcane. Some pulses, cotton, coffee and other temporary crops are also irrigated. Temporary crops are either irrigated from February to June or from July to November, except cotton (from December to June).

## References

- INEI.** 2010. *III Censo Nacional Agropecuario 1994*. Instituto Nacional de Estadística e Informática. Available at <http://www1.inei.gob.pe/BancoCuadros/cuadros.asp?bco=03&dep=00&pro=00&dis=00&cua=00000030>, accessed in June 2012.
- Siebert, S., Döll, P., Hoogeveen, J., Faures, J.M., Frenken, K., & Feick, S.** 2005. Development and validation of the global map of irrigation areas. *Hydrol. Earth System Sci.* 9 535–47. Available at <ftp://ftp.fao.org/agl/aglw/docs/PaperHess2005.pdf>, accessed in June 2012.