



FINLAND

Irrigated crop calendar

2010

| 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 | |
| Cereals | 2.0 | | | | 13 | 13 | 13 | 13 | 13 | | | | | |
| Vegetables | 3.8 | | | | 25 | 25 | 25 | 25 | 25 | | | | | |
| Fruits | 3.2 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | |
| Potatoes | 4.7 | | | | 31 | 31 | 31 | 31 | 31 | | | | | |
| Sugar beet | 1.4 | | | | 9 | 9 | 9 | 9 | 9 | | | | | |
| Harvested irrigated crop area [AHI_{full}] | 15.0 | | | | | | | | | | | | | |
| Area equipped for full control irrigation actually irrigated [AAI_{full}] | 15.0 | 21 | 21 | 21 | 100 | 100 | 100 | 100 | 100 | 100 | 21 | 21 | 21 | 21 |
| Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}] | 100 | | | | | | | | | | | | | |
| Area equipped for full control irrigation [AEI_{full}] | 68.6 | | | | | | | | | | | | | |
| % of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}] | 22 | | | | | | | | | | | | | |
| Total area equipped for irrigation [AEI_{tot}] | 68.6 | | | | | | | | | | | | | |

Narrative

AEI_{tot} and AEI_{full} are 68 580 ha in 2010, while AAI_{full} is 15 020 ha according to the 2010 Agricultural Census (Matilda, 2012). AHI_{full} is estimated equal to AAI_{full}, but there might be some double cropping not accounted for. Irrigation is used only between April and August. However, frost protection also occurs in winter/spring for permanent crops. The main irrigated crops are potatoes, vegetables and fruits (berries and apples).

References

Matilda. 2012. 2010 Agricultural census. Available at <http://www.maataloustilastot.fi/en/tilasto/133>, accessed in June 2012.