



JORDAN

Irrigated crop calendar

2004

| Irrigated crops | Area | Crop area as percentage of the full control actually irrigated area by month | | | | | | | | | | | |
|--|------------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 1000 ha | J | F | M | A | M | J | J | A | S | O | N | D |
| Wheat | 2 | 2 | 2 | 2 | 2 | | | | | | 2 | 2 | 2 |
| Barley | 1 | 1 | 1 | 1 | | | | | | | 1 | 1 | 1 |
| Vegetables one | 12 | 17 | 17 | 17 | 17 | | | | | | | | |
| Vegetables two | 12 | | | | | 17 | 17 | 17 | 17 | | | | |
| Vegetables three | 12 | | | | | | | | | 17 | 17 | 17 | 17 |
| Fruits | 20 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| Bananas | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Citrus | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Olives | 27 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| Potatoes | 3 | | | | | 5 | 5 | 5 | 5 | 5 | | | |
| Pulses | 1 | | | | | 1 | 1 | 1 | 1 | 1 | | | |
| Harvested irrigated crop area [AHI_{full}] | 99 | | | | | | | | | | | | |
| Area equipped for full control irrigation actually irrigated [AAI_{full}] | 75 | 93 | 93 | 93 | 92 | 96 | 96 | 96 | 96 | 96 | 93 | 93 | 93 |
| Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}] | 132 | | | | | | | | | | | | |
| Area equipped for full control irrigation [AEI_{full}] | 79 | | | | | | | | | | | | |
| % of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}] | 95 | | | | | | | | | | | | |
| Total area equipped for irrigation [AEI_{tot}] | 79 | | | | | | | | | | | | |

Narrative

AEI_{tot} and AEI_{full} are 78 860 ha in 2004 (FAO, 2012) and AHI_{full} is 99 030 ha in the same year (MOA, 2004). Agriculture is mostly rainfed. The irrigated areas are allocated to olives, fruit, vegetables (three cycles per year) and cereals. Some pulses are also irrigated. AAI_{full} has been calculated by deducting two seasons of vegetables from AHI_{full}, which results in 75 000 ha. This gives a cropping intensity of 132 percent.

References

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

Ministry of Agriculture [MOA]. 2004. *Data and Information on Agricultural Developments, Achievements and Planning*. Agriculture annual report. Directorate of Information and Computer, Jordan.