



LIBYA

Irrigated crop calendar

2000

| Irrigated crops | Area | Crop area as percentage of the full control equipped and actually irrigated area by month | | | | | | | | | | | |
|--|------------|---|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|
| | 1000 ha | J | F | M | A | M | J | J | A | S | O | N | D |
| Wheat | 70 | 22 | 22 | 22 | 22 | 22 | | | | | | 22 | 22 |
| Barley and other cereals | 50 | 16 | 16 | 16 | 16 | | | | | | | 16 | 16 |
| Vegetables one | 30 | | | | | 9 | 9 | 9 | | | | | |
| Vegetables two | 30 | | | | | | | | 9 | 9 | 9 | | |
| Fruits | 10 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Citrus | 10 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Groundnuts | 10 | | | 3 | 3 | 3 | 3 | 3 | | | | | |
| Olives | 105 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| Potatoes and other tubers | 10 | | | 3 | 3 | 3 | 3 | 3 | | | | | |
| Pulses | 10 | | | 3 | 3 | 3 | 3 | 3 | | | | | |
| Fodder temporary | 70 | 22 | 22 | | | | | | | | 22 | 22 | 22 |
| Tobacco | 1 | | | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | | | | | |
| Harvested irrigated crop area [AHI_{full}] | 406 | | | | | | | | | | | | |
| Area equipped for full control irrigation actually irrigated [AAI_{full}] | 316 | 100 | 100 | 87 | 87 | 81 | 59 | 59 | 49 | 49 | 71 | 100 | 100 |
| Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}] | 128 | | | | | | | | | | | | |
| Area equipped for full control irrigation [AEI_{full}] | 470 | | | | | | | | | | | | |
| % of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}] | 67 | | | | | | | | | | | | |
| Total area equipped for irrigation [AEI_{tot}] | 470 | | | | | | | | | | | | |



Narrative Libya

AEI_{tot} and AEI_{full} equal to 470 000 ha in 2000 (FAO, 2012). The same source provides AAI_{tot} and AAI_{full} for the same year (316 000 ha) and AHI_{full} (441 000ha). However to avoid monthly use higher than 100 percent, AHI_{full} was scale down to 406 000 ha. The cropping intensity is then 128 percent. The main irrigated crops are cereals (mainly wheat and barley), olives, temporary fodder (mainly berseem clover), vegetables and fruit. Some groundnut, potatoes, pulses and tobacco are also irrigated. Temporary crops are mostly irrigated during an early summer (from March to July), except cereals and fodder which cultivated and irrigated in winter, from October to April.

References

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