

URL <http://news.ari.gov.cy/apps/irrigation.html>

Quick facts

 Company:	Agricultural Research Institute
 Sector:	Agriculture
 Product / service:	Application
 Type of data:	Environmental data
 Origin:	Cyprus



Description

The irrigation calculator is a simple tool developed with the use of research open data for the Agricultural Research Institute that can be used by farmers and other stakeholders to calculate the quantities of irrigation water needed per crop and location.

Benefits

The tool is aimed to control the use of irrigation water and avoid over-use since water quantities are limited in Cyprus and need to be closely managed.



How open data is used

The application uses location and type of crop to calculate the monthly water needs and economic water productivity, as published by the Agricultural Research Institute. Water needs are calculate using area evaporation observations from a basin type evaporator and combined plant and evaporator coefficients.

