

I save water, energy and labour!

Leading to greater production and improved product quality!

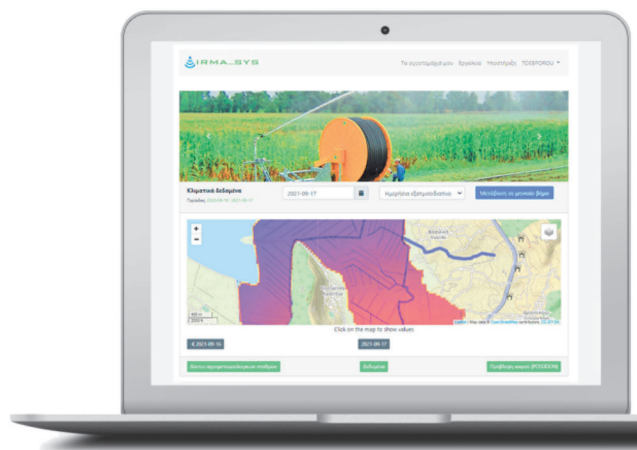
IRMA_SYS is an irrigation decision support system continuously operating and improving since 2015, evolving to an advanced intelligent irrigation system, yet simple to use.

When and how much to irrigate?



It is the ideal solution for immediate coverage of large rural areas without requiring the installation of equipment in the field.

Using virtual agro-meteorological stations for every field in the area combined with weather forecasts, it calculates the daily irrigation needs considering soil, crop and irrigation practice parameters providing immediate, easy and understandable suggestions on when to irrigate and how much water should be applied.



Based on internationally recognized models for the calculation of crop water needs

Can leverage telemetry data from agro-meteorological stations and water meters

Notification to irrigate or not

Detailed field customizations

Field 01

Ακτινίδιο (Kiwi fruit), Μικροεκτοξευτήρες (Micro sprinklers) ([Ενημέρωση αγροτεμαχίου](#))

Apply one of these alternatives:

Date	Water stress index	Irrigation amount
17/09/2021	0,95	136,92 mm (1369,18 m ³)
18/09/2021	0,94	137,44 mm (1374,43 m ³)
19/09/2021	0,93	137,86 mm (1378,62 m ³)

Irrigation suggestions

- Irrigations applied
- Irrigation report
- Irrigation performance
- Weather history

Registration of irrigations

Detailed irrigation advices

Detailed water balance presentation

Virtual agro-meteorological station data



Detailed irrigation data enabling farmers, agronomists and researchers to evaluate the system and optimize yields

Manage large areas and land reclamation / water management organisations by downloading summarised data

Using IRMA_SYS we reduced water and energy consumption up to 42%*



A team of experts is continuously supporting and developing IRMA_SYS, adapting it to different cultivation systems.

IRMA_SYS already covers 45000 hectares of crops as an ideal choice for land reclamation organisations and large agribusinesses.

Supporting decisions concerning irrigation in organic and integrated crop management systems and product markings concerning environmental awareness

See in detail the features of the IRMA_SYS and try it today <https://irmasys.com/>



EFFICIENT WATER RESOURCES MANAGEMENT PRIVATE COMPANY
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* Representative data, published in the international scientific journal WATER in 2021