



The best option for your crops

Take the right decision
for maximum efficiency





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About Orcelis Fitocontrol

Orcelis Fitocontrol (www.fitocontrol.com) is an online platform featuring an agricultural production decision support system (DSS).

This tool enables users to calculate and control irrigation, fertilization, phytosanitary treatments, water footprints (ISO 14046:2014) and other key aspects aimed at maximizing land productivity rates. Indeed, water footprints are a parameter that differentiates Orcelis Fitocontrol from all other online systems.



All your land operations in the cloud

Everything you upload onto Orcelis Fitocontrol will always be just a click away: farms, management, fertigation plans, recommendations on how to apply phytosanitary products, operations logs, etc.

In addition, the system will inform you of any faults or incidents. In short, all your farming needs at your fingertips.



Work whenever and wherever you wish

Provided you have an Internet connection, you will be permanently linked to your farm. Access is available from all devices, as the system has been adapted for optimum use from mobile phones and tablets as well as PCs.



Quick, easy and simple

Creating a user account is easy. In a matter of seconds you'll be ready to start work, without any of the hassle of installations or having to provide endless details.



Support and assistance free of charge

Although Orcelis Fitocontrol is easy to use, we'll always be on hand when you need us. We are happy to offer you free assistance using any of the following options:

Telephone: (+34) 966 343 342 ó (+34) 966 343 238

Online chat: online chat situated at the bottom right-hand corner of the website at www.fitocontrol.com.

Contact form: this form is available in the help section.
email: orcelis@orcelis.es.



Technical training

We want you to get the most out of Orcelis Fitocontrol and we're here to help you achieve just that. Our team offers bespoke training courses for companies, cooperatives or individual customers designed to enable them to make the most of the program.

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What can Orcelis Fitocontrol do for you?

- ✓ Boost your farm's productivity.
- ✓ Provide nutritious solutions for your crops (fertilization).
- ✓ Rationalize the use of irrigation water.
- ✓ Measure your products' water footprint.
- ✓ Generate farm registers (IPM).
- ✓ Manage your farm sustainably (GIS).
- ✓ Use remote detection tools to determine the phenological condition of your crops.
- ✓ Calculate the thermal integral of your crops' growth, pests and diseases.
- ✓ Produce healthier and safer food.
- ✓ Manage the traceability of your products.



2.1 Boost your farm's productivity

In order to guarantee the maximum productivity of any farm it is essential to fully optimize the resources used. Orcelis Fitocontrol allows you to save between 20% and 50% of these costs by cutting out the regular use of excess water and fertilizers that occurs with most crops.

Lower costs. Higher profits.

2.2 Nutritious solutions for your crops (fertilization)

Enter the details of your plot (location and crop characteristics) and in a matter of seconds the system will create a personalized fertilization plan exclusively for your plot. What's more, Orcelis Fitocontrol can provide details of how the fertilization will influence water, land and/or foliation analyses.

LA JAJIRA

Aguacate / Antillana (3) julio 2016

Riego

Fertilización

Elemento	Recomendado	Actual	Diferencia
Nitrogeno promedio de 30 días	403,00	50,00	7%
Fósforo promediado	204,00	6,40	7%
Ácido fóscico	334,00	23,00	7%

	N	P ₂ O ₅	K ₂ O	MgO	CaO	S
UF (kg/ha)	200	200	200	200	200	200
UF (kg/ha)	200	200	200	200	200	200
UF (kg/ha)	200	200	200	200	200	200
Recomendado	200	200	200	200	200	200

Tratamientos

Observaciones



2.3 Rationalize the use of irrigation water

The system has climate data records available in real time for anywhere in the world. These data, together with our knowledge and experience in crop parameterization, make the system far more accurate when calculating your crops' water requirements. Orcelis will prevent a single litre of water from being wasted.

The system will also evolve in line with your crops, modifying the irrigation program to adapt to any changes in their characteristics or location.

2.4 Water footprints

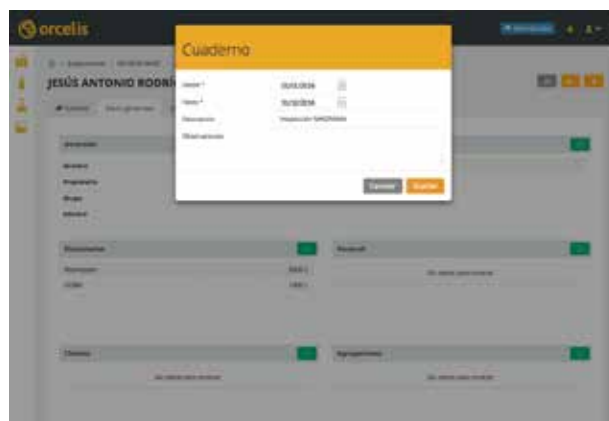
Water footprints allow for the monitoring of the total volume of water used for production; in other words, the amount of water (in litres) used to produce one kilogramme of product. This information will enable you to determine exactly how much it costs to produce each kilogram of your crops.

2.5 Farm registers (IPM)

Pests are your crops' greatest enemy, but with Orcelis Fitocontrol you'll be able to keep them fully under control thanks to the Integral Pest Management (IPM) protocols, in accordance with DIRECTIVE 2009/128/EC.

You will be able to check whether the products are legal and are being used safely. In short, it will enable you to guarantee the sustainable use of pesticides.

You will be able to monitor all these phytosanitary treatments easily thanks to the farm register. You can even add technical recommendations next to each entry in the register to make the work even simpler.





2.6 Manage your farm sustainably (GIS)

Productivity is essential, but it is also important for your crops to be 100% environmentally friendly.

Orcelis Fitocontrol features Geographic Information Systems (GIS) that will provide you with details of the regulations affecting your farming land (SPAs, Special Protection or Degraded Areas, NVZs, Nitrate Vulnerable Zones, Regulations governing the use of phytosanitary products, etc.) in order to ensure you achieve this goal.

Furthermore, by using resources such as water and fertilizers more productively, you will also be reducing their impact on the environment.

2.7 Use remote detection to determine the phenological condition of your crops

Spectral images obtained using remote satellite detection tools will allow you to monitor the phenological condition of your crops.

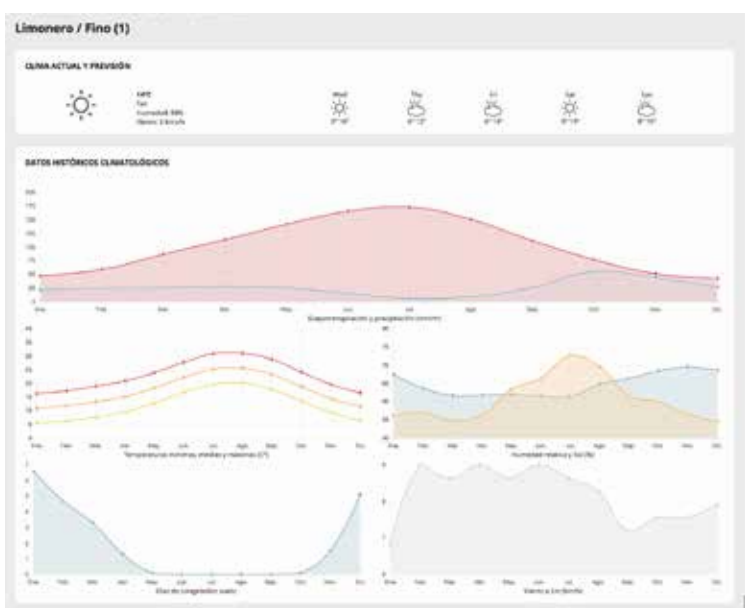
Orcelis Fitocontrol will calculate the NDVI (Normalized Difference Vegetation Index) of your farm, measuring the amount of vegetation present and helping you to plan sowing and harvesting times, increase the accuracy of your water requirements and predict any crop deficiencies and/or stress.



2.8 Calculate the thermal integral of your crops' growth, pests and diseases

The growth of organisms, which leads to the appearance of pests, diseases and various phenological conditions, depends on the thermal integral (TI). Calculating it and monitoring its evolution will enable you to determine the duration of the various phenomena (including vegetative growth, germination and maturation or hatching) and prepare for them.

Prevention is a crucial part of crop management and the cost of avoiding pests or disease is far lower than the cure. With Orcelis Fitocontrol and its thermal integral system you will be able to maintain this preventive state in your crops on a daily basis and avoid any unpleasant surprises caused by this type of phenomena.





2.9 Healthier and safer food

Farms managed by Orcelis Fitocontrol successfully minimize the presence of waste in the final crop products. Food is healthier, safer and in line with food safety protocols and good practices (GLOBALGAP, BRC, IFS or ISO22000).

2.10 Manage the traceability of your products

Orcelis Fitocontrol allows you to organize quickly and easily all your farm records (fertilizer application, irrigation, pest control, etc.), making the traceability of your products easier than ever.

By coding your products, you will be able to keep a constant track of where they were grown, any phytosanitary treatments or fertilizers used, as well as the amounts, who applied them and the machinery used.

Moreover, you will also be able to track the transportation of the products and who they are supplied to. In this sense, simply knowing the batch code of a certain product will provide you with full details of its 'forward' and 'backward' traceability.

You don't have to take our word for it. By registering, you are entitled to 1 month unlimited use of Orcelis Fitocontrol **totally free of charge.**

TRY IT FOR FREE >



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