

## **BrioAgro, underground sensors send instant information about crop requirements to your mobile**

LOCATION: Níjar (Almería)/ Mairena del Alcor (Sevilla)

DURATION: 1'38"

**SUMMARY:** The crop-monitoring system created by BrioAgro Technologies, a business in the city of Mairena del Alcor in Seville, directed by José Luis Bustos, aims to "give farmers maximum control over the quality of their products and minimise their losses". The sensors placed below ground measure a certain area of farmland and test key information such as brightness, humidity, and nutrient levels... If the system detects any deficiencies, farmers will receive an alert via their mobile or tablet, so that they can quickly solve the problem.

### **VTR**

**AMBIENCE:** "It's really humid, we need to open the windows."

Simply put, a tomato farmer receives information alerts about the needs of his crop on his mobile, and can take action accordingly.

**JOSÉ FRANCISCO NIETO**  
Farmer

*"By knowing precisely what the crop needs, I can produce the best quality fruit and achieve the highest production levels."*

And it's all thanks to this crop-monitoring system. The sensors placed below ground measure a certain area of farmland and test key information such as brightness, humidity, and nutrient levels... The device sends the information to the farmer's mobile or tablet so that he is up to date at all times.

**GERVASIO TAPIAS**  
Agricultural engineer

*"It's a useful system, because we are informed about everything going on in the greenhouse at once; it's all our crops on a single device."*

And from Níjar, in Almería, at the centre of business in Mairena del Alcor in Seville, José Luis is part of the team that developed this device.

**JOSÉ LUIS BUSTOS**  
BrioAgro Technologies

*"The best reward for us is, if, with our technology, we can help farmers to avoid losses and improve the quality of their products."*

The system, which works for all kinds of crops, is being introduced in greenhouses throughout Almería, and is also being tested in plantations like this one, which produces oranges. In essence, it means...

**JOSÉ LUIS BUSTOS**  
BrioAgro Technologies

*"This means that you don't have to rely upon human observation, or on external factors... rather, it means that you have automatic access to information which enables you to make decisions about your crops"*

**JOSÉ FRANCISCO NIETO**  
Agricultor

*"I can water my crops and fertilise them according to the recommendations of the digital sensor."*

Cutting-edge technological innovation at the forefront of agriculture.