



## AGRO INSIGHTS

Solentum, your partner in precision farming.

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**Solentum**

[solentum.com](http://solentum.com)

# SolAntenna



**Multipurpose** electronic potato  
for real-time **precision farming**



**SolAntenna** is a multipurpose electronic potato, performing a number of measurements during all steps of the value-chain. SolAntenna is planted among real potato tubers giving indications during the growth season. Measuring:

Temperature

Relative humidity

CO<sub>2</sub>

Mechanical shocks

**SolAntenna**

**SolAntenna** is usable along every step of the value-chain:



**In the field**

Multiple SolAntenna devices can be planted along real potato tubers to give indications during the growing season. These indications can tell you if it is time to apply fertilizer or irrigate your crops”



**During harvest**

The planted devices can be harvested to measure the level of physical shocks during the complete process. The measurements show exactly where you can find the cause of damage. Damaged potatoes are vulnerable to fungal and bacterial diseases.



**Storage & transport**

SolAntenna devices can be placed in different boxes and measures temperatures and CO<sub>2</sub> levels more closely than traditional sensors in stores, cooling cells, shipping containers and so on.

**SolAntenna** is not just a data collection device, it can also transmit real-time measurements over the air utilizing low energy Bluetooth technology. Data is automatically uploaded to the cloud and can be viewed using the Solentum Portal. Here you can not only view the history of your previous measurements but also set up alarms if a measurement exceeds a certain allowed threshold.

Measuring data however should not stand alone and therefore Solentum gives you interactive checklists with corrective actions based on the measurements from your fields. Additionally, our team of agronomists are able to provide human feedback and excellent service.