

Food Scanner a laboratory in the pocket



The Food Scanner is scalable and able to measure all kinds of cultures (soil, plants, fruits, vegetables, milk, fodder, wine...)

It's the first device able to measure the stress of plants by the Redox Potential (Eh), pH and Conductivity (EC)

BENEFITS

- ✓ Compact & portability
- ✓ Pocket lab
- ✓ Easy to use
- ✓ Ideal for field measurements
- ✓ Low cost price : 2 750 €

“ Here innovations are at the service of agroecology.



About Senseen



Innovative start-up in Agritech created by Philippe Cousin in 2020



Based in Sophia Antipolis



Network of 15,000 farms with the National Center for Agroecology

In cooperation with



European R&D projects

Member of



www.senseen.io

Contact@senseen.io



@Senseen9611



Senseen



@senseen_scanners



senseen

Understand the living
and measuring it
to progress towards
sustainable agriculture



www.senseen.io



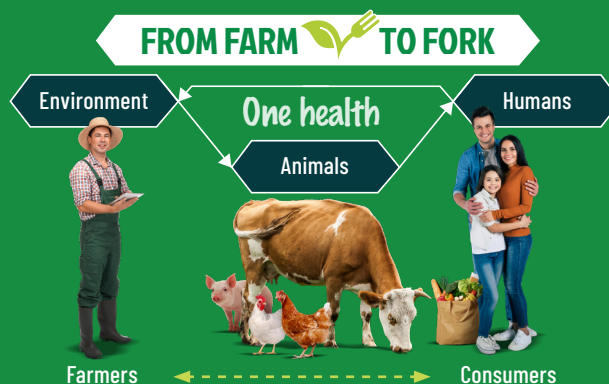
Senseen's goals

“It is crucial to perform routine diagnostics such as the condition of plants and soils in order to take corrective measures in real time.”



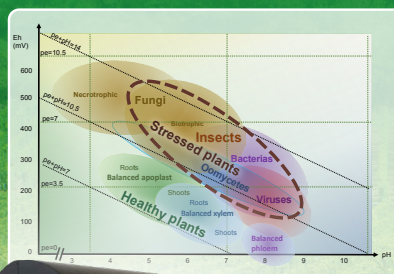
- ✓ Supporting agroecology by providing a **decision support tool: the scanner**
- ✓ **One farmer = one Food Scanner**
- ✓ Taking into account the ecosystems in the production by putting the living back into action
- ✓ Monitor the complete chain « **from farm to fork** »
- ✓ **Knowing what we eat and the contribution on health**
- ✓ Support the «**one health**» approach: human, animal and environmental

Know what you eat



Measure to progress

Measuring plant stress to design and manage agro-ecological systems



- Redox Potential (Eh)
- pH
- EC

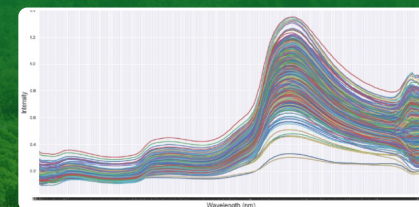
**SIMPLE,
AFFORDABLE
AND INNOVATIVE**

Operating principle

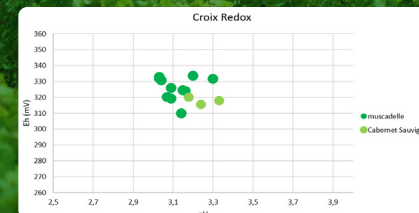


- 1 Scan the desired product
- 2 Sending energy: Infrared light
- 3 The atoms of the plant vibrate and absorb part of the energy
- 4 The values of the light which is reflected gives an absorbance curve

- 5 The absorbance spectrum (photocopy of the material) is sent to the application and to the cloud



- 6 From the absorbance curve, our AI algorithms can predict the desired physical quantities (pH, Eh, EC...)



- 7 The predicted measurements are then returned to the application