



by TCSD

Mobility and precision



**SOIL WATER
STATUS**

AGRO-METEOROLOGY

DENDROMETRY

- Decision Support Tool
- Irrigation management
- Recording and traceability of climate data





The mobile and autonomous station

A COMPLETE AND EFFICIENT DECISION SUPPORT TOOL

☑ Dendrometric reports

☑ Customized management of your irrigation :

- Water balance

Customized calculation of the water supply to be carried out according to the *ETp* of the plot, the *ETm*, the plant coefficient, the soil water status, the *field capacity* and the *recharge threshold*.

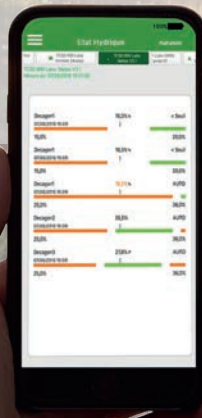
- Alerts

Alerts on water status sensor thresholds (*drought*).

☑ Hourly accumulation & Temperature accumulation

☑ Data export
Transfers to models

Water and input savings
Easier decision making
Autonomy (battery operated)
Mobility (Sigfox, LoRa, GPRS networks)



The **COMSAG SiLo** station offers infinite possibilities of combinations, to choose from a variety of **14 sensors**, depending on your needs : irrigation management, feeding disease models, agro-meteorology, dendrometry...

THE WEATHER



Rainfall measurement



Wind speed & direction



Temperature wet



Sunshine rate



Temperature & Hygrometry

THE PLANT



Moistening the foliage



Sap flow (dendrometry)



Water supply metering

THE EARTH



Tensiometers Watermark



Capacitive Drill & Drop SDI12



Capacitive Decagon



Capacitives Teros 21



Temperature of the ground



Groundwater level



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