A new alliance between **technology** and **agriculture**

AGRINSIGHT®

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100% made in Italy

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YOUR ORCHARD JUST A CLICK AWAY

AGRINSIGHT SOFTWARE

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remotely control the real-time data via smartphone, tablet or computer

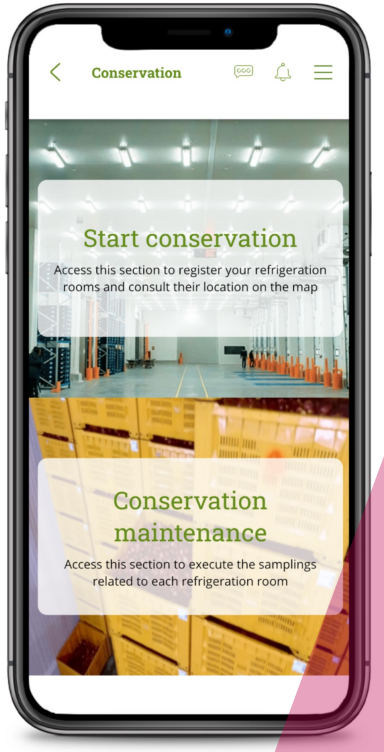
Your orchard just a click away

Monitor your orchard with sensors

Take total control of all the factors

Schedule and check all activities

Verify fruit values during conservation

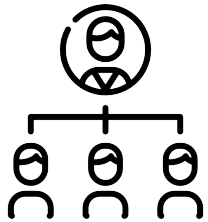


MANAGE **INFORMATION RELATING TO MULTIPLE CROPS**

CHOOSE **FROM TWO DIFFERENT MODES OF THE USER**

OPERATIONAL MODE

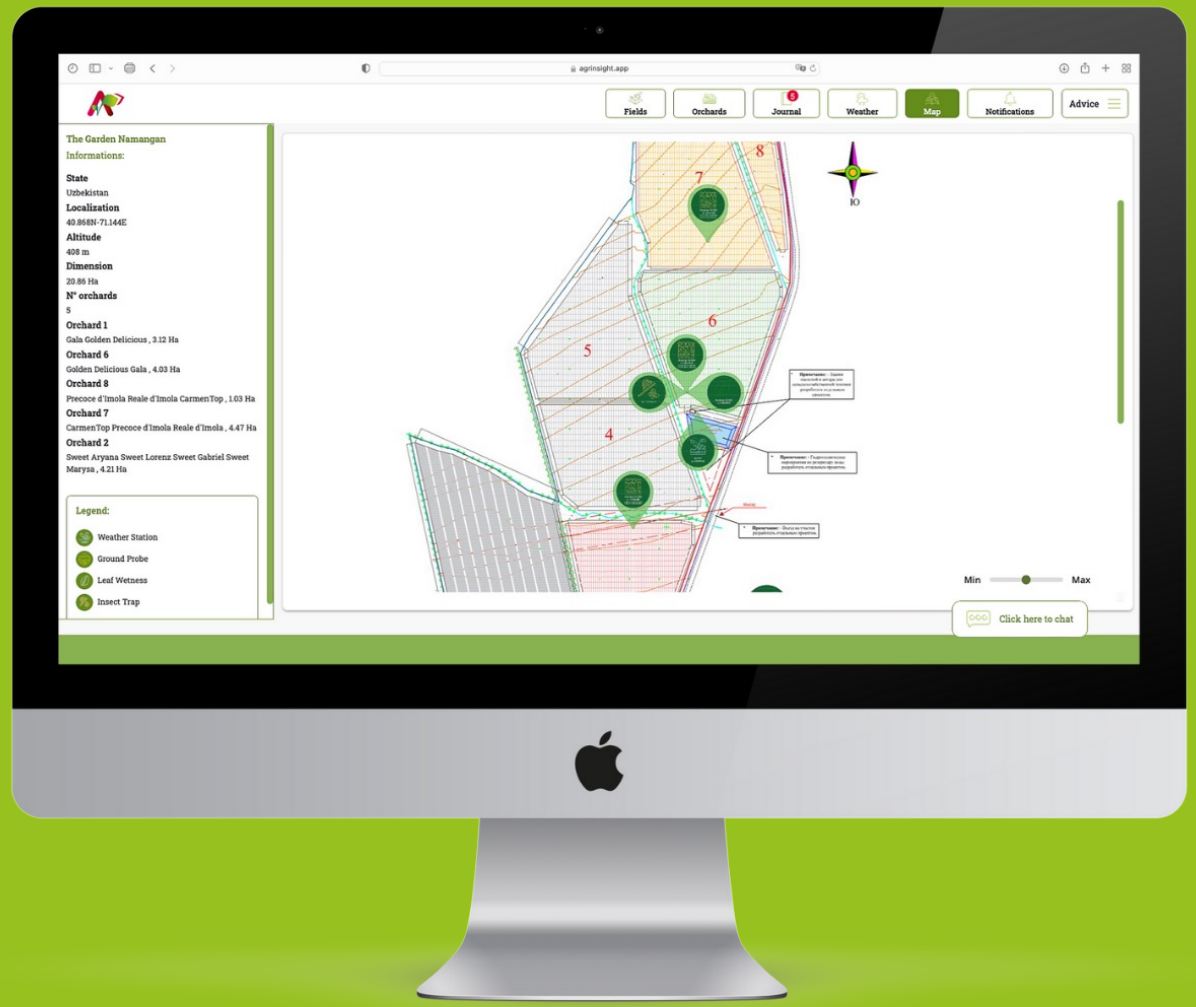
+ interactive. AGRINSIGHT **offers** all the necessary **support** to the user who must **manage the orchard**, with the possibility to **interact** with Italian experts via the **integrated chat** and enter data from samples.



SUPERVISOR MODE

+ information. AGRINSIGHT **offers** all **useful information and data** to the user wishing to view the **status of the orchard** and **the progress** of activities, as well as the **chat**.

MONITOR YOUR ORCHARD WITH SENSORS



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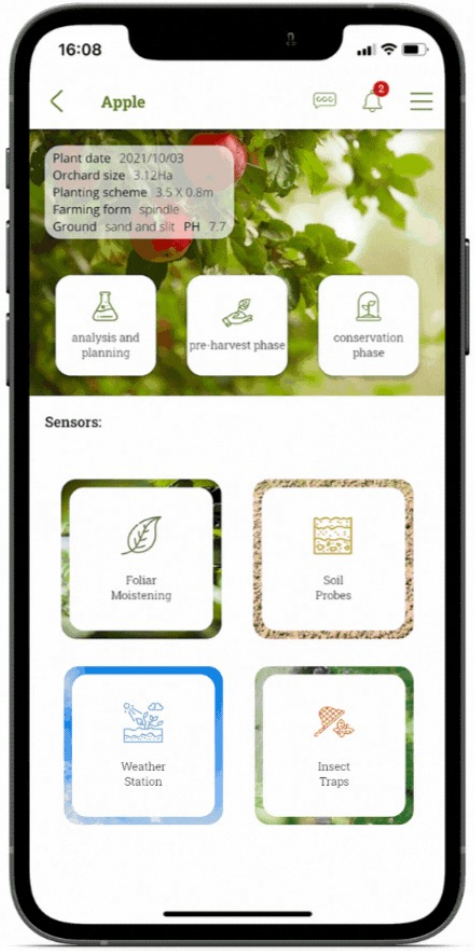


LEAF WETNESS

Based on the leaf sensors, AGRINSIGHT **provides information** on possible ongoing infections, Mills table reference values, the **temperature and humidity of the air**. When anomalies are found, **alerts are activated** and the interventions to be carried out with defense products are displayed.

SOIL PROBE

Based on the data collected by the soil probes, AGRINSIGHT **provides** information on the **temperature, tension, and humidity of the soil**. When anomalies are found, **alerts are activated** and the interventions to be carried out with fertilizations are displayed.

WEATHER STATION

According to the weather station, AGRINSIGHT **provides** information on **air temperature, wind speed and direction, and the amount of rain**. When anomalies are found, **alerts are activated** (for example, risk of freezing) and the interventions to be performed by applying treatments are displayed.

INSECT TRAP

Based on the data collected by insect traps, AGRINSIGHT **provides** information on the detected insects, **defining the species of the dangerous ones**. When the numerical limit of dangerous insects is exceeded, **alerts are activated** and the interventions to be performed to prevent infections by applying defense products are displayed.

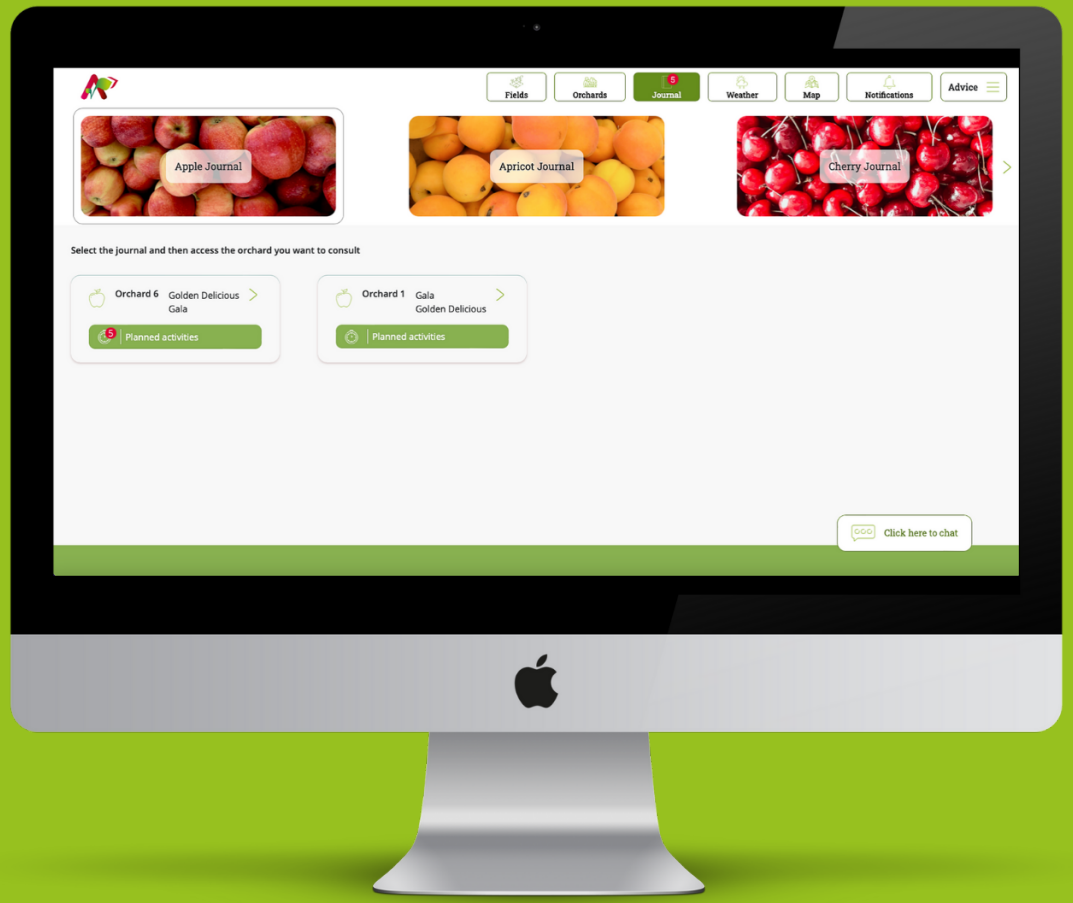
PLAN THE MAIN AGRONOMIC ACTIVITIES

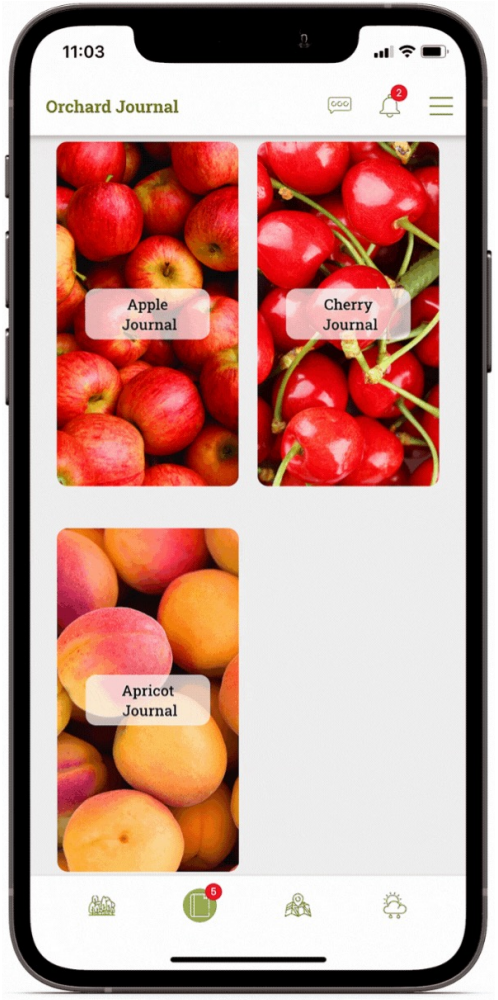
treatments

pruning

herbicides

harvesting





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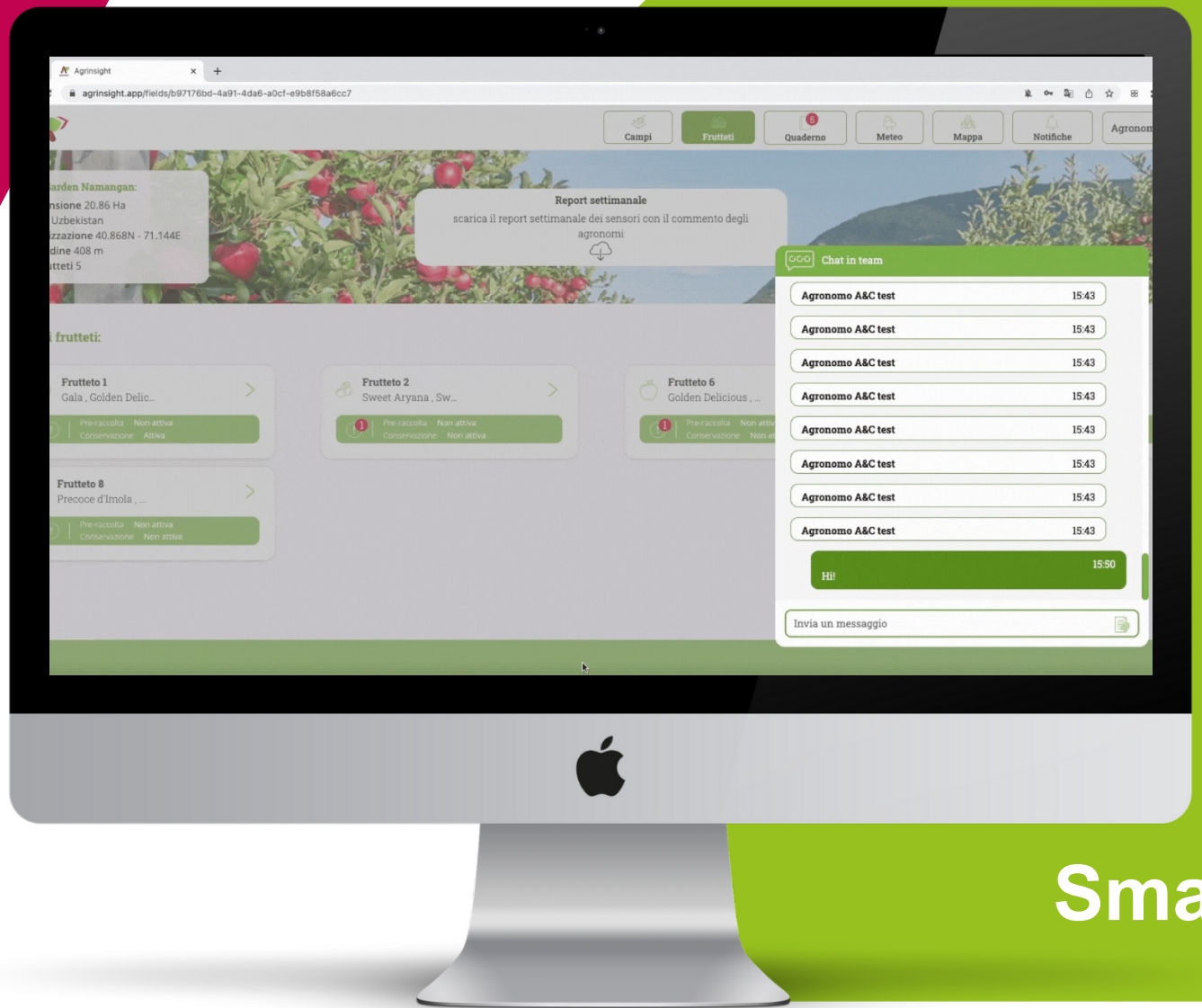

INTEGRATED CHAT

↑ request the **support** of

- ↑ **agronomists**
- ↑ **cold storage experts**
- ↑ **technicians**
- ↑ **customer care**

Smart support 24/7

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AGRINSIGHT SENSORS

1 WEATHER STATION

2 LEAF WETNESS

3 INSECT TRAP

4 SOIL PROBE

1

Weather station

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Reliable, **simple** to use and **easy to install** weather station that works with **solar power** with GPS and GPRS

- → rain **quantity**
- → air **temperature** and **humidity**
- → **radiation** and **brightness**
- → wind **direction** and **speed**
- → leaf **wetness** and a **dripping**

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2

Leaf wetness and a dripping sensor

- the leaf **temperature**
- **detects** dripping events
- **resistant** to phytosanitary treatments
- **predict** the development of fungal diseases
- better **modulate** the washout of any product

3

Insect trap with camera

- → **obtains** a high-resolution 8 megapixels camera
- → **works** on 5W solar panel water-resistant connector
- → TRAP-VISION **software**
- → remote **monitoring** of insect catches
- → daily image **processing service**
- → **planning** insecticide treatments

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4 Soil probe

The system, one of the **most accurate** on the market, was **tested** in collaboration with the University of Pisa.

- **measures** the dielectric characteristics
- **obtains** humidity and conductivity
- 5W solar panel with water-**resistant** connector
- GPS satellite **locator**

AGRINSIGHT KIT

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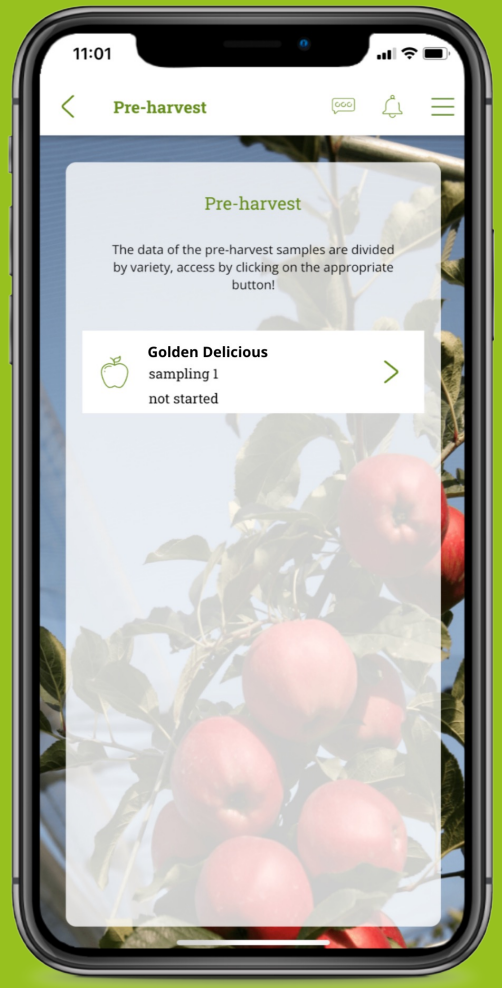
for **pre** and **post-harvest** sampling

- fruit size control gauge with necessary quantity of rings
- accurate pocket scales
- penetrometer to check pulp hardness
- refractometer with brix gradation
- digital thermometer with gradation probe
- acidimeter for measuring fruit acidity
- microanalyzer: optical instrument with zoom up to 30 for precise focusing

DETERMINE THE RIGHT TIME TO HARVEST



→ **make** samples using **AGRINSIGHT KIT**

→ **record** data in the pre-harvesting section

→ **compare** the data with the optimal parameters

→ **determine** the right harvesting period

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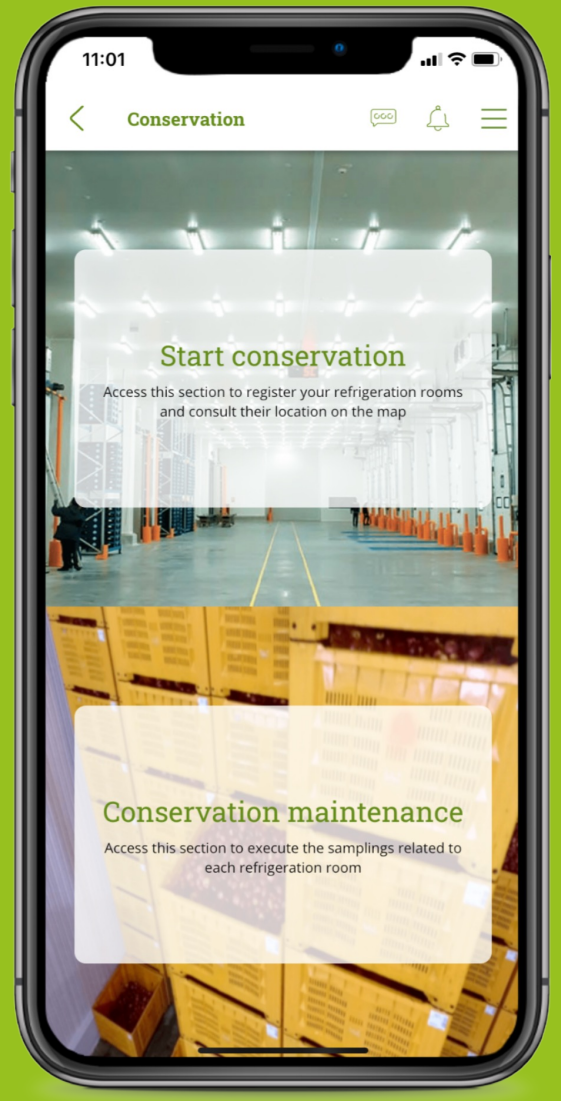
ENSURE THE CORRECT FRUIT CONSERVATION



- **monitor** activities through sampling
- **keep** intact organoleptic characteristics
- **make sure** that the fruit is stored correctly
- **request** the support of Italian technicians
- **optimize** the management of fruit activities
- **obtain** the highest quality fruit

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powered by Advice&Consulting®

FROM SEEDS TO SMILES