

ENGLISH

User manual

SETTING UP THE SYSTEM

01



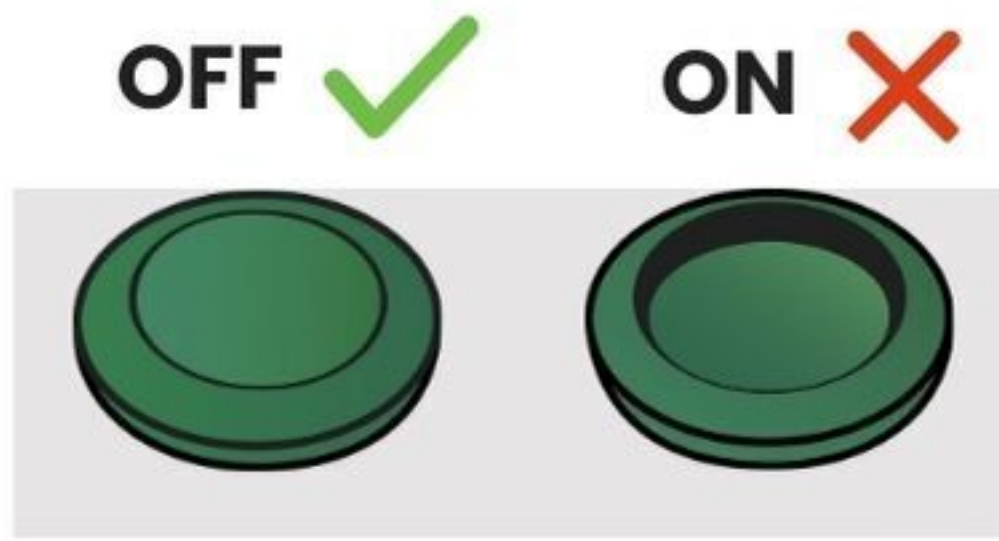
Log in or create a new account on app.soilsense.io.

02



Bring the **datalogger**, a **smartphone**, a **drill/shovel** and **measuring tape** to the location where you wish to install the system.

03



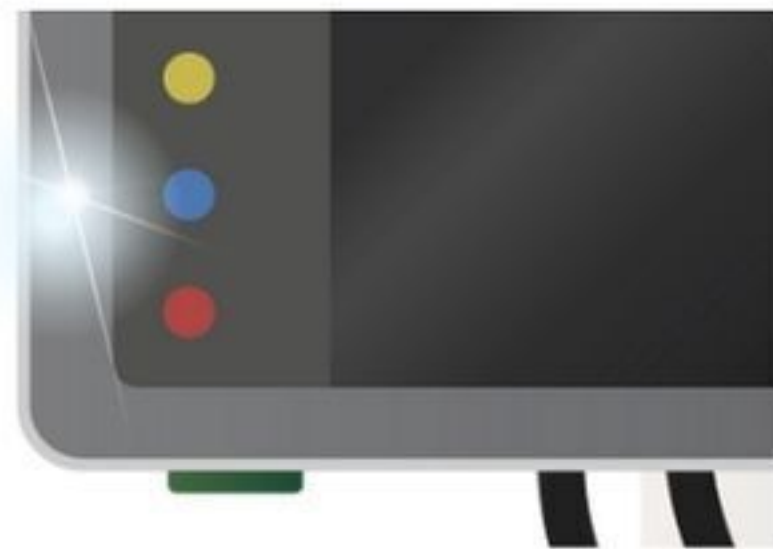
Make sure the Datalogger has been turned **off** for at least 30 seconds.

04



At the location, **turn on** the datalogger by pushing down the button. The LED will flash up in white.

05



White LED – Device is turning on.
Green LED – Good signal.
Red LED – Poor signal.
(Find all color codes on page 4).

06

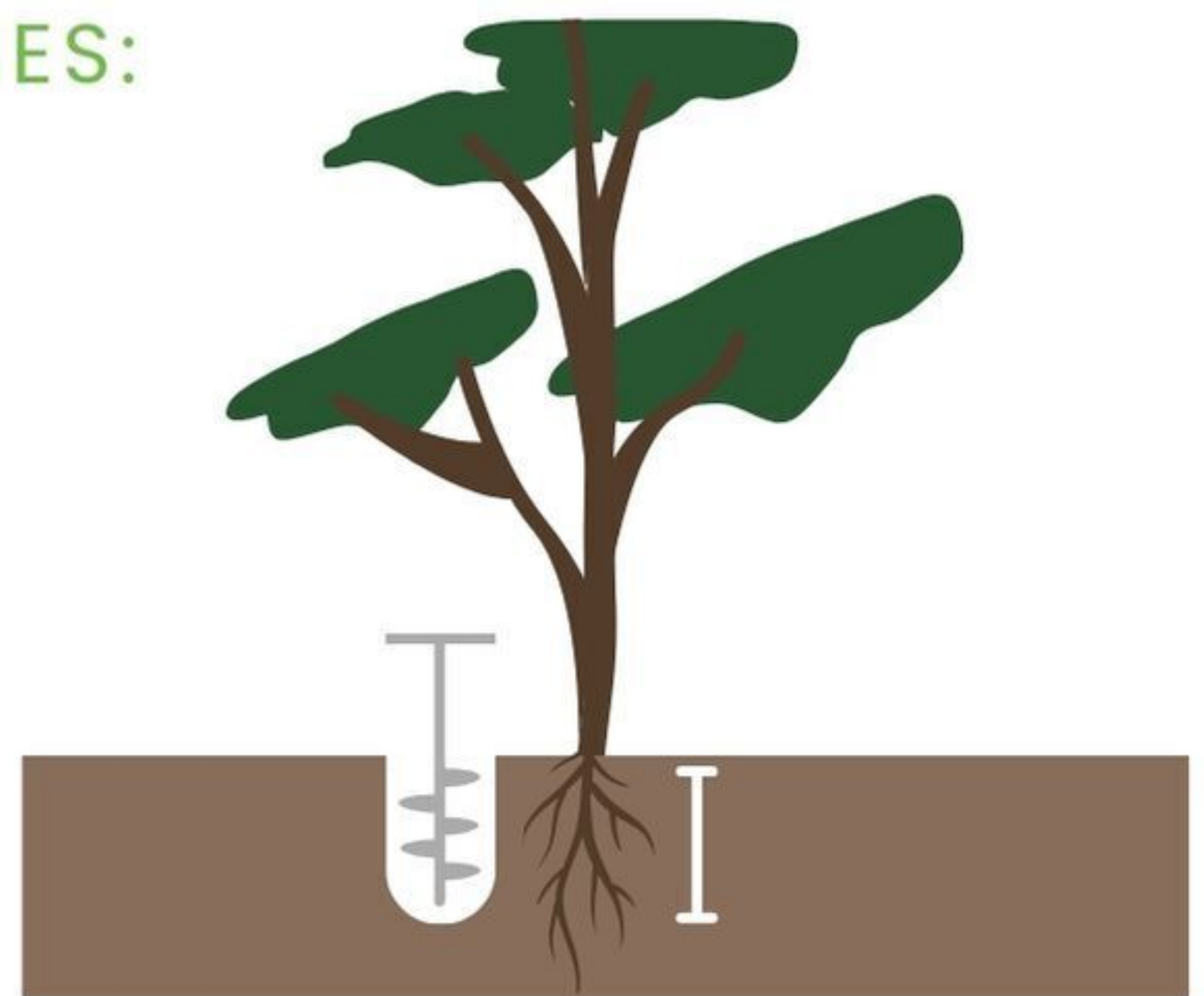


Add your device to the SoilSense platform at app.soilsense.io or scan the QR code to access.

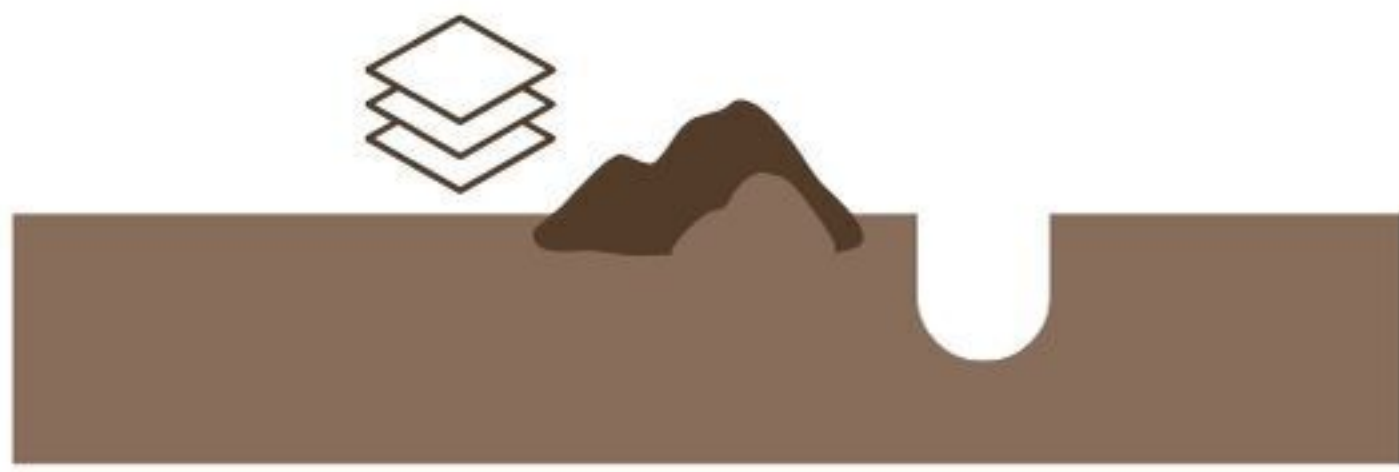
07 IMPORTANT GUIDELINES: DRILLING THE HOLE



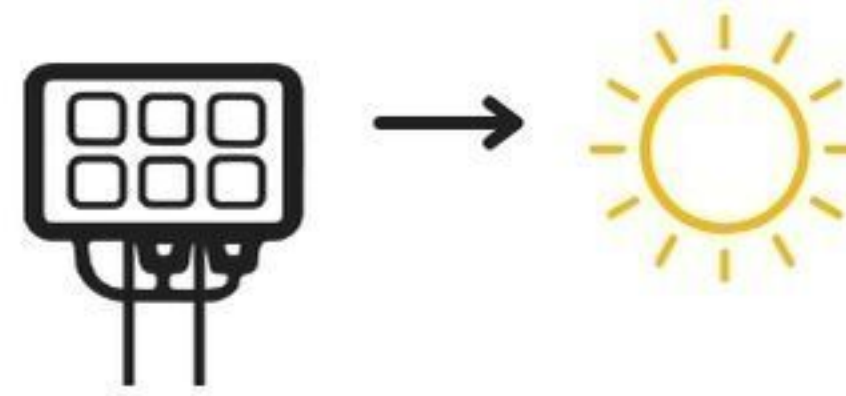
Install the datalogger at a location **representative of your irrigation practices**, e.g. near a drip.



Dig or drill a hole close to the roots so the sensors can be inserted in the **active root zone**.

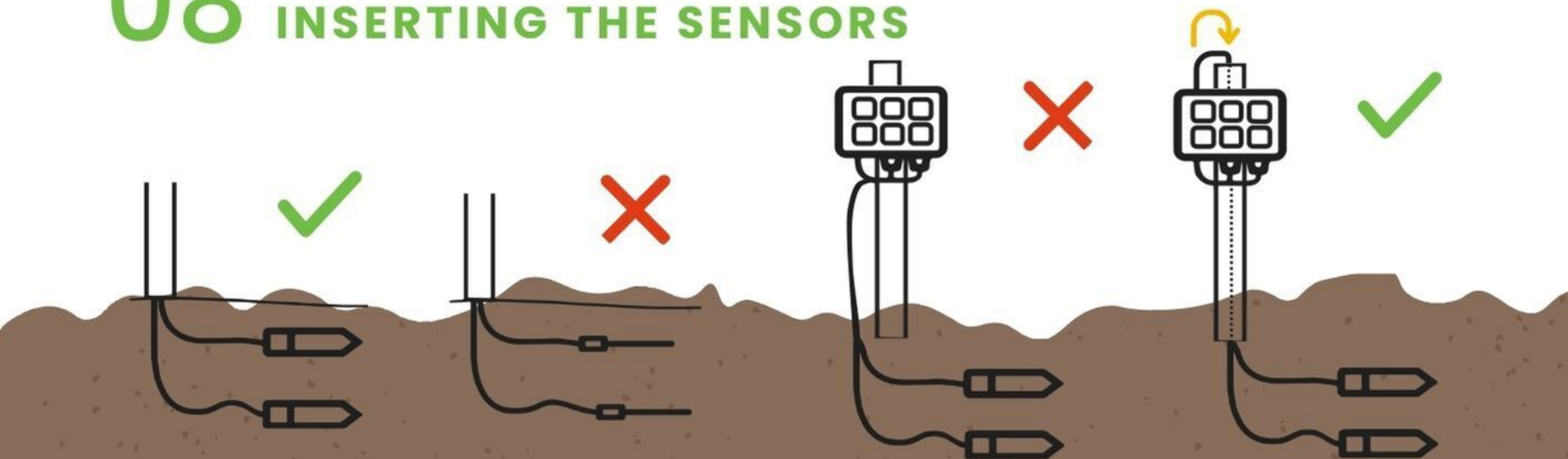


Maintain the **order** of the soil layers in the pile to re-establish it when you re-fill the hole.



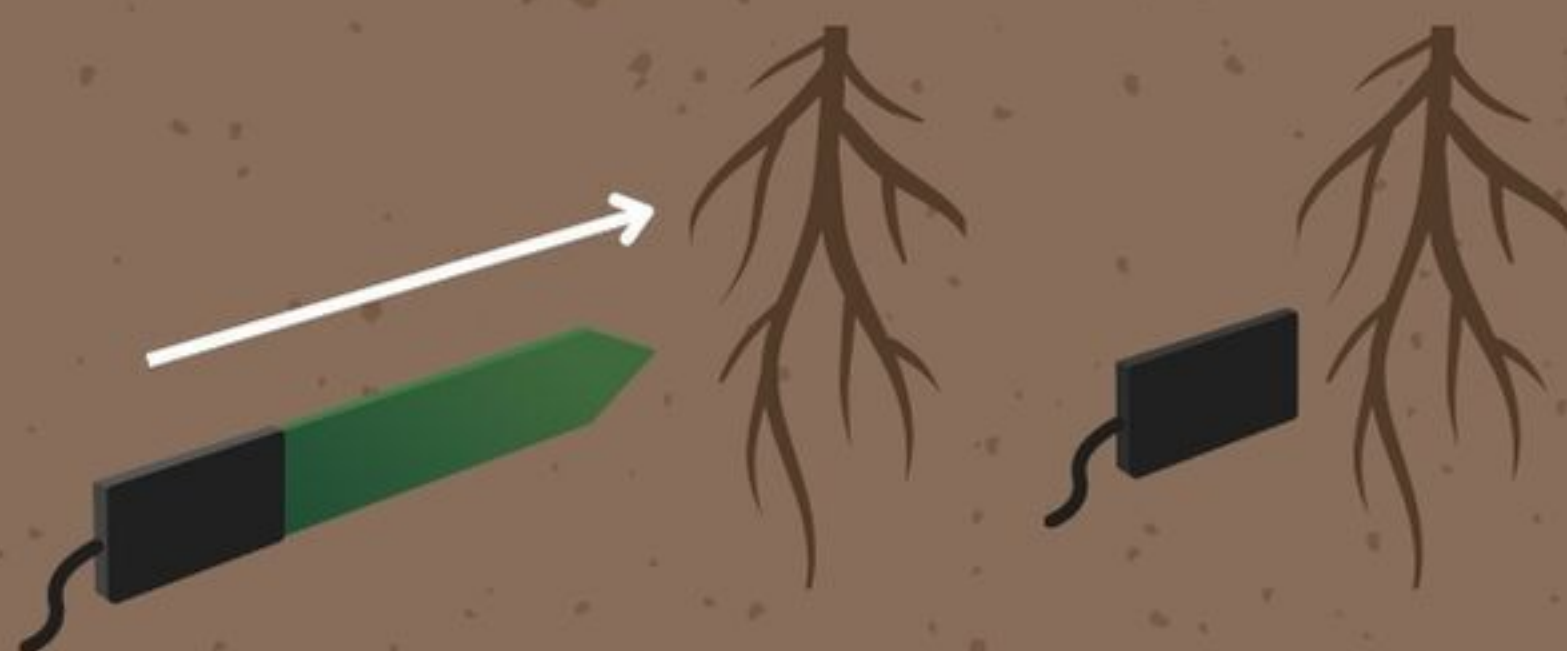
Face the datalogger in the direction in which it receives as much **sun exposure** as possible.

08 IMPORTANT GUIDELINES: INSERTING THE SENSORS

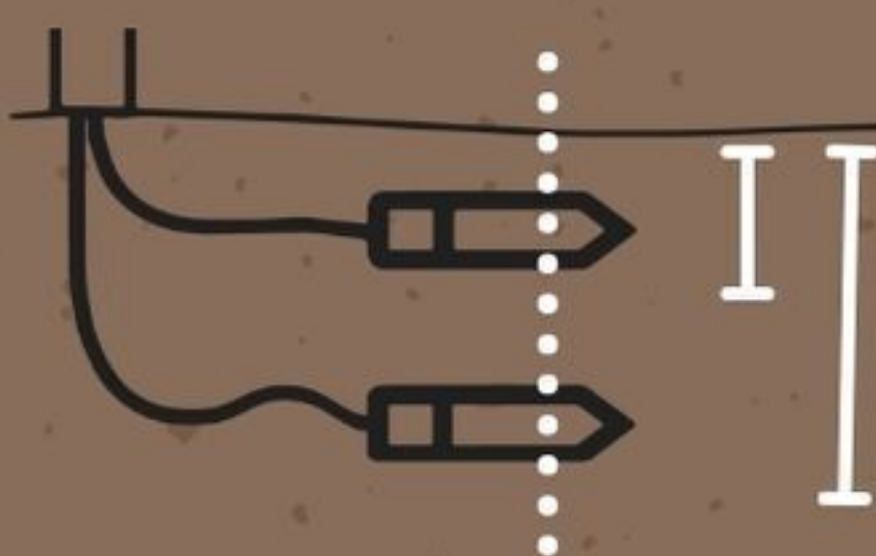


The sensors should be inserted in an **upright sideways position**. Note the 'TOP' and 'BOTTOM' labels on each sensor.

We recommend inserting the sensors and cables **through the provided pole** before installing them in the soil.



Insert the sensors near the roots into **undisturbed soil**. Avoid air gaps around the sensor blades.



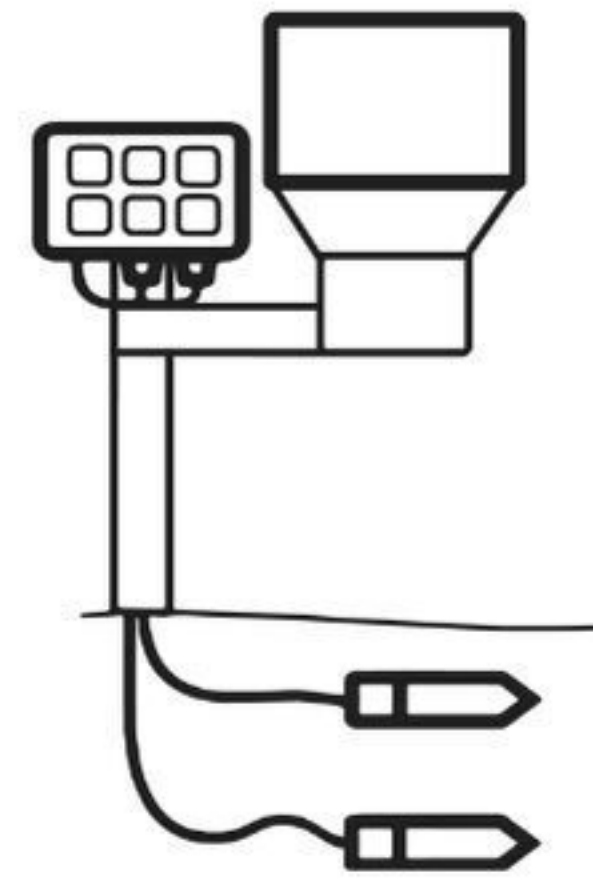
Place the sensors in a straight line **above one another**, and note down the **depth** of each sensor in the app before re-filling the hole.








The top sensor should be inserted in the **upper root zone** and the bottom sensor in the **lower root zone**.

RAIN GAUGE

If you have ordered a rain gauge, mount it on a pipe or in a high location, ensuring it is **free from trees** to prevent leaves from falling into the collector.



BLINK COLOUR CODES

-  **White:** Device is turning on.
-  **Red:** Connection error. Change the location or ensure the datalogger is free from leaves and other objects.
-  **Blue:** Sensor error. Ensure that the sensors are not damaged and that the wires are plugged correctly into the terminals.
-  **Yellow:** Low battery. Turn the datalogger in the direction where it receives as much sun exposure as possible.
-  **Green:** Connection was successful.

CONTACT US

Don't hesitate to contact us or check our website if you need guidance on installing your datalogger and sensors, or **scan the QR code** with your phone to access step-by-step video tutorials.



 **Mail:** contact@soilsense.io

 **Website:** www.soilsense.io

 **YouTube:** @SoilSenseIO