

BLUMAT (tropf) Sensor Installation



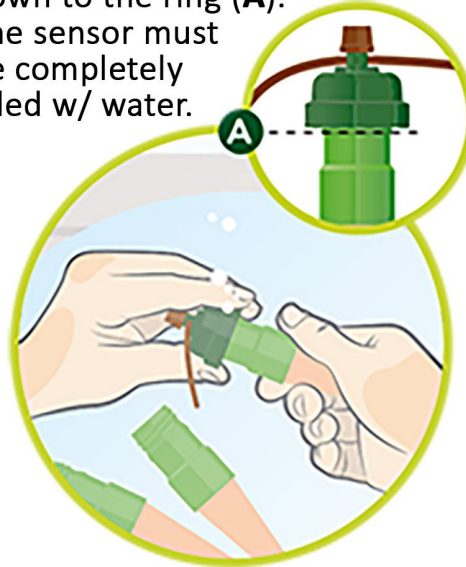
STEP 1

Unscrew the green watering head and place the ceramic sensor in the water for at least 15 minutes.



STEP 2

Then screw back together **underwater**, tightening firmly down to the ring (A). The sensor must be completely filled w/ water.



STEP 3

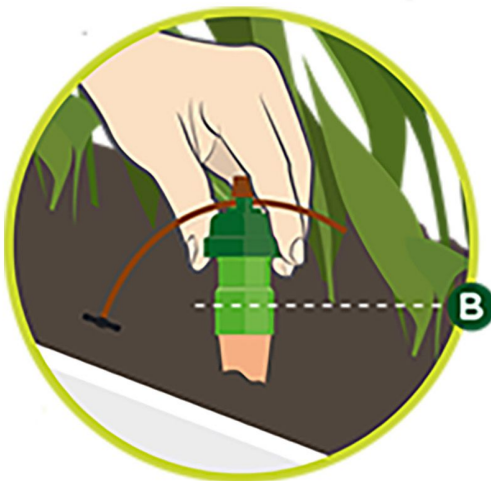
Now that the Blumat sensor is filled with water and screwed back together, leave it in the water for **at least 15 minutes**.



STEP 4

IMPORTANT: It is essential to water the soil, getting rid of any dry pockets before inserting the Blumat sensor.

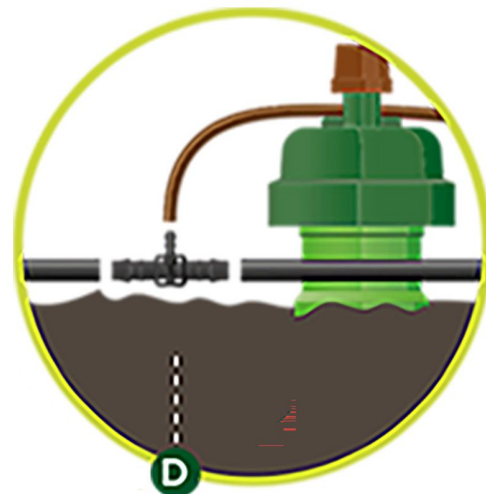
After watering, insert the Blumat sensor in the soil near the roots, pushing it down to the depth indicated in figure (B). Water again around the Blumat with 200-300ml of water to make sure it is firmly anchored in the soil (C).



STEP 5

CONNECTION TO THE SUPPLY LINE (D)

Cut the 8mm supply line near where you would like to install each Blumat sensor. Take the T-piece that's attached to the sensor and insert the 8mm bars into the supply line where you cut. Make sure the bars are firmly seated **without using lubricants such as grease or soap**.



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STEP 6 - CORRECT BLUMAT SETTING



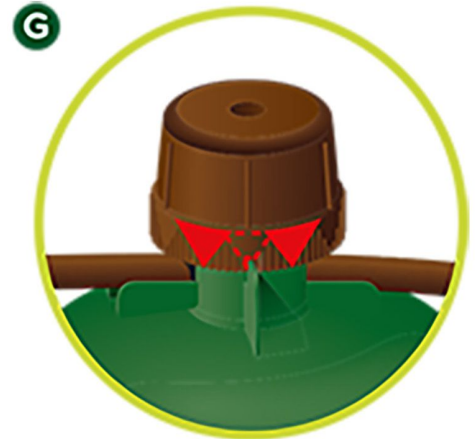
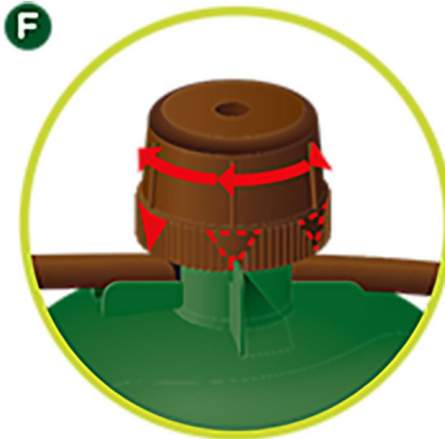
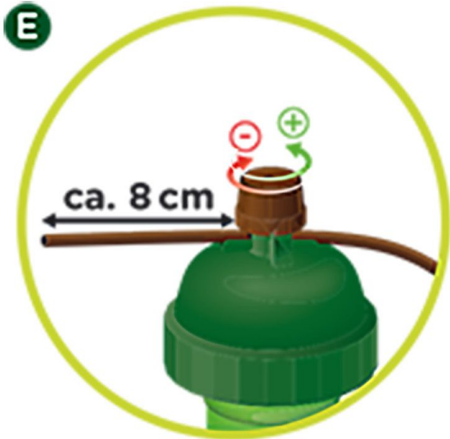
IMPORTANT: Before adjusting, close the Blumat tops by turning clockwise until they stop. Open your water supply and make sure you don't find any drips.



Begin by positioning the last Blumat sensor of the system, evacuating the air from the supply line. Open the adjustment screw by turning it counterclockwise. Water will now run out of the drip tube which must extend about 8cm [3"] out of the Blumat

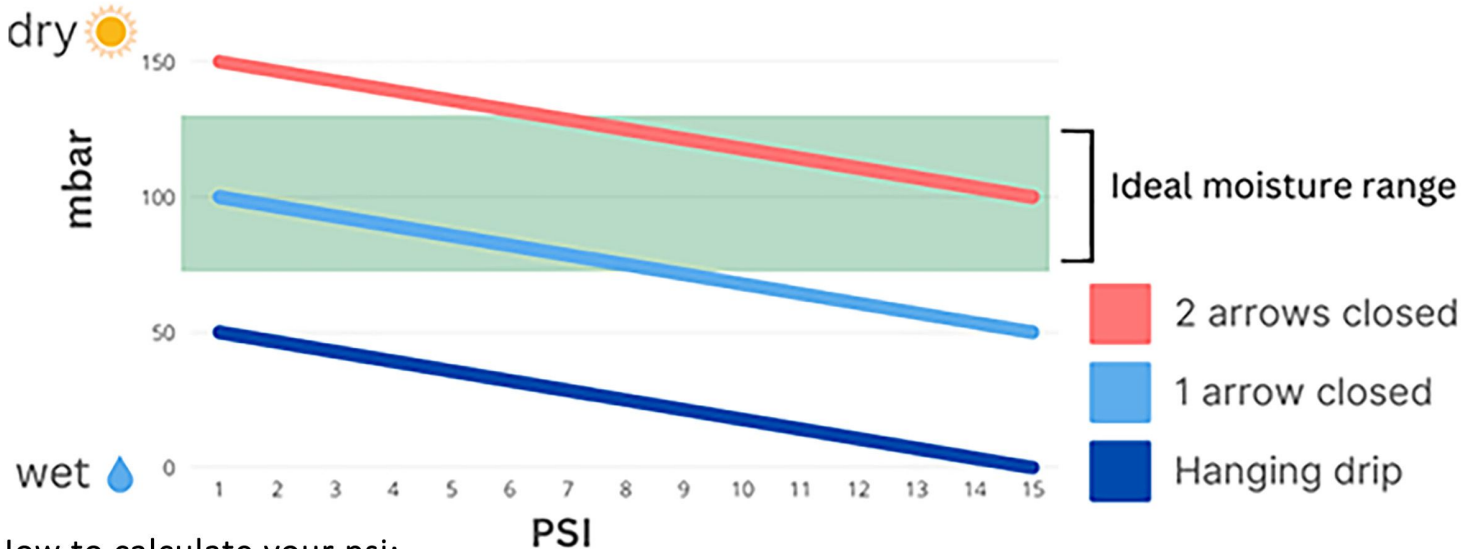
sensor (E). Then close the adjustment screw again, turning it slowly clockwise and leaving just one drop of water hanging on the drip tube. Then close the adjustment screw further, turning it by another 1-2 arrows (1/4 turns) clockwise (F).

After installation check the water discharge for about 1-2 weeks and, if necessary, adjust the setting by opening (= more water) or closing (= less water). In most cases the setting will only need to be adjusted by **1/2 an arrow (G)**



Moisture Range Calculator

This graph demonstrates the targeted moisture level. Numbers are approximate. Note: actual moisture levels may change based on environmental conditions.



How to calculate your psi:

Measure from the top of the water line of your reservoir to the soil surface in feet and divide by 2.31

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